# SDMS US EPA Region V

*Imagery Insert Form*

**Document ID:** 203895

**Some images in this document may be illegible or unavailable in SDMS. Please see reason(s) indicated below:**

EPA Region 5 Records Ctr.

203895

[X] Illegible due to bad source documents Image(s) in SDMS is equivalent to hard copy

**Specify Type of Document(s) / Comments:**

SOME WASTE TANK TESTS

[ ] Includes _____ COLOR or _____ RESOLUTION variations
Unless otherwise noted, these pages are available in monochrome The source document page(s) is more legible than the images The original document is available for viewing at the Superfund Records Center

**Specify Type of Document(s) / Comments:**

[ ] Confidential Business Information (CBI)
This document contains highly sensitive information Due to confidentiality, materials with such information are not available in SDMS You may contact the EPA Superfund Records Manager if you wish to view this document

**Specify Type of Document(s) / Comments:**

[X] Unscannable Material
Oversized __X__ or _____ Format
Due to certain scanning equipment capability limitations, the document page(s) is not available in SDMS The original document is available for viewing at the Superfund Records center

**Specify Type of Document(s) / Comments:**

TWO OVERSIZED DRAWINGS

[ ] Document is available at the EPA Region 5 Records Center

**Specify Type of Document(s) / Comments:**

Rev 07/10/02

DrinkerBiddle&Reath LLP

Maryanne Starr Garber
215-988-2838
maryanne.garber@dbr.com

*Law Offices*
One Logan Square
18TH and Cherry Streets
Philadelphia, PA
19103-6996

215-988-2700
215-988-2757 fax
www.drinkerbiddle.com

NEW YORK
WASHINGTON
LOS ANGELES
SAN FRANCISCO
PRINCETON
FLORHAM PARK
BERWYN
WILMINGTON

November 13, 2003

**VIA FEDERAL EXPRESS**

Eileen L. Furey, Esquire
Associate Regional Counsel
U.S. Environmental Protection Agency C-14J
77 West Jackson Boulevard
Chicago, Illinois 60604

**RE: Allied Paper/Portage Creek/Kalamazoo River Superfund Site in Kalamazoo**

Dear Eileen:

Per your request, enclosed please find another set of the documents contained in Box 1 of 4 from our June 11, 2003 response to EPA's March 4, 2003 Request for Information.

If you need anything further, please do not hesitate to contact me or Bonnie.

Sincerely yours,

Maryanne Starr Garber

Enclosure
/jg

cc: Bonnie Allyn Barnett, Esq.

*Established*
*1849*

MILLENNIUM HOLDINGS, INC.
KALAMAZOO MEDIATION

REFERENCED DOCUMENTS RE:
QUESTION NOS. 2, 3, 5, 7 & 8

MILLENNIUM HOLDINGS, INC.
KALAMAZOO RIVER MEDIATION

REFERENCED DOCUMENTS RE:
QUESTION NO. 2

Kalamazoo Gazette
April, 1956

# Allied to Close Mill At Otsego

## Bardeen Plant Ends Operations May 1.

The Bardeen mill of Allied Paper Mills in Otsego will be closed May 1 as an economy measure it was announced today by the four-man executive management committee of Allied. The mill in Otsego is a coating operation employing 226 persons.

All employes were to receive letters today from the committee informing them of the closing.

"During recent years it has become more and more apparent that the coating operation in Otsego is fundamentally uneconomical" the letter declared. "This is true in spite of the best efforts of the supervision and the employes of the Bardeen Mill."

TOO HEAVY A BURDEN

"The distance of the Otsego mill from the papermaking operation in Kalamazoo, plus the high power cost of the mill, are too great a burden for the mill to carry."

A company spokesman explained that the Otsego mill is a coating operation only, with paper stock trucked back and forth between the Kalamazoo mills and Otsego.

Most of the coating operation already is performed in the King and Monarch mills in Kalamazoo and that now being done in Otsego will be absorbed at the Kalamazoo mills by adding a sixth day to coating operations here.

Everything possible to help Otsego employes in the transition will be done, the committee informed employes. Wherever possible, employes will be transferred to King and Monarch mills. Notices relative to job openings and the change are to be posted on the company bulletin boards.

[illegible] is general superintendent of the mill in Otsego.

TO MOVE SOME MACHINERY

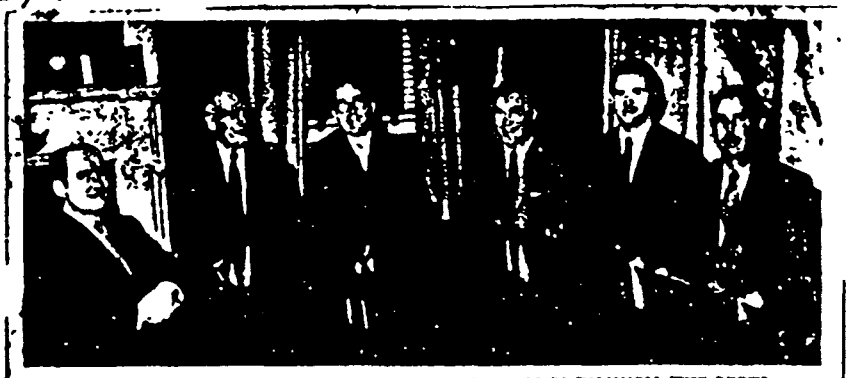
A small amount of the machinery will be brought to Kalamazoo but present high-speed machinery in the King and Monarch mills will be able to handle most of the coating work.

Plans for disposition of the plant building are uncertain, but it probably will be put up for sale, the spokesman declared. If not sold, it may be used for storage.

The Bardeen mill is one of the oldest in the valley, being founded in 1887 by George E. Bardeen. It became a division of the Allied Paper Mills when that organization was founded in 1902. Bardeen started his paper career with the Kalamazoo Paper Company and was its secretary at the time he founded the Otsego mill. Noah Bryant and John F. King also papermaking pioneers here, were associated with him in the Bardeen mill.

Allied recently was purchased by the Thor Corp., Chicago, and now is a Thor subsidiary.

Kalamazoo Gazette
July 6, 1956



ALLIED PAPER MILLS WELCOMES THOR CORPORATION OFFICIALS TO KALAMAZOO WITH DINNER
Left to Right: H. C. Bernick, Thor Secretary, H. B. Johnston; Arnold H. Maremont, Thor Chairman; C. F. Chaplin, E. J. Gilman and W. A. Kirkpatrick —Gazette photo

BY LEASING ST. REGIS

# Allied 8th In Fine Printing Papers

The Allied Paper Mills Division of the Thor Corporation has become the eighth largest fine printing paper manufacturer in the United States since its recent leasing of the Bryant mill of the St. Regis Paper Company.

Current plans for the near future indicate further expansion of the properties to become an even greater factor in the paper business, it was revealed last night by Arnold H. Maremont, Thor chairman.

WELCOMED BY DINNER

Maremont and H. C. Bernick, secretary of the corporation, were guests of honor last night at a dinner at the Park Club. Welcoming the executives to Kalamazoo were about 40 Kalamazoo leaders in civic, banking, educational and industrial fields, including particularly men who lead the paper industry.

"We have even more ambitious plans for the two paper mills in Kalamazoo," Maremont said. "Paper has become our main business and we are looking toward further acquisitions in this field as well as expanding the properties we have bought and leased in Kalamazoo."

Thor purchased the Allied Paper Mills last December. Only last week, it completed negotiations for leasing the Bryant fine paper mill of the St. Regis Paper Company, with an option to buy the mill later.

With last week's acquisition, Allied now is operating 11 paper machines, most of them large as paper machines go, and 22 coating machines, it was revealed at the dinner.

MAJOR INTERESTS HERE

"We like Kalamazoo very much," the industrialist declared, "and have staked most of the corporation's resources here," Maremont said. He referred to the recent purchases and lease whereby Thor has converted most of its appliance manufacturing facilities to the more stable and growing paper industry.

"We have enjoyed greatly our associations with the Kalamazoo community and particularly those with the very capable Allied management team. They know the paper business and so we are leaving the operation of the paper mills up to those four men."

The management team consists of four Allied vice presidents—W. A. Kirkpatrick, technical director, H. B. Johnston, chief engineer, E. J. Gilman, production manager, and C. F. Chaplin, sales manager.

Kalamazoo Gazette

# Littlefield On Allied's Top 'Team'

## Comptroller Given Management Post.

George A. Littlefield, comptroller of the Allied Paper Mills Division of the Thor Corp., has been named as the fifth member of Allied's management team, it was announced by the division today.

"We consider Littlefield a very substantial addition to our executive group," other members of the team declared today. "Allied already has benefitted greatly from his ability, and we shall particularly valuable his experience with the St. Regis Paper Co.

Previously, he had spent six years with the St. Regis Paper Co., of which five were as division comptroller in its Kalamazoo mills. Another year he spent on special projects for top management throughout St. Regis plants in the United States.

Littlefield is a native of Farmington, Maine, and a graduate of Bryant College. He recently purchased a home at 1808 Hazel Ave. There he has moved with his wife and two children.

Other members of the management group are: E. J. Gilman, production manager; H. B. Johnston, chief engineer; W. A. Kirkpatrick, technical director, and C. F. Chaplin, sales manager.

Littlefield came with the division March 21 this year from the Pomeroy Co. New York city where he was secretary and comptroller.

SA 045881

SA00045881

MILLENNIUM HOLDINGS, INC.
KALAMAZOO RIVER MEDIATION

REFERENCED DOCUMENTS RE:
QUESTION NO. 3

ATURAL RESOURCES
COMMISSION
LARRY DEVUYST
AL EISELE
ES P. HILL
D SILWORTH MYERS
JOEY M. SPANO
JORDAN B. TATTER

STATE OF MICHIGAN

JOHN ENGLER, Governor

DEPARTMENT OF NATURAL RESOURCES

Steven T. Mason Building P.O. Box 30028 Lansing, MI 48909

ROLAND HARMES, Director

February 16, 1993

Mr. Michael Gallenberger
Portage Papers
2030 Portage Street
Kalamazoo, Michigan

Dear Mr. Gallenberger:

Subject: February 5, 1993, Site Inspection for Demolition of Buildings at Portage Paper Company

The purpose of this letter is to follow-up the site inspection conducted by myself and Mr. Mark Ducharme of our Plainwell District Office on February 5, 1993. This site inspection was prompted by a telephone call I received from a citizen concerned about the demolition of several buildings on the Portage Paper Company property adjacent to Alcott Street.

As we discussed during our conversation, the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund site (the site) encompasses all of the former Allied Paper Company property. The Michigan Department of Natural Resources (MDNR) and the U.S. Environmental Protection Agency (EPA) consider all former properties of the Allied Paper Company to be potentially contaminated with PCBs until after the properties have been adequately investigated and determined to be otherwise. The Remedial Investigation to determine the nature and extent of contamination at this site is scheduled to commence in the spring of 1993.

Because the mill property is within the site, any activity that results in changes to the Portage Paper mill property, such as demolition of buildings or the shipping of demolition waste off-site, are of interest to the MDNR. These activities need to be coordinated with the Superfund Section of the MDNR so that they can be evaluated from a Superfund perspective prior to the activities taking place. In order to accomplish this, the MDNR is requesting that the Portage Paper Company work closely with the Allied Paper Company's representative Mr. Jon DeWitt and myself to better communicate and coordinate activities that could potentially effect the Superfund process. By doing so the MDNR hopes to avoid a reoccurrence of situations like this in the future.

The MDNR conducted a site inspection and reviewed the available history of the buildings being demolished. From these activities it has been determined that

the basement of building number three, referred to as the vault structure located at the far west end of the property must be properly tested for PCB contamination prior to any further demolition of this structure. It was agreed during the inspection, that Portage Paper Company will be responsible for the contracting of a consulting firm to develop a work plan to collect and analyze samples from the vault structure to determine if the vault is contaminated. This sampling plan should be submitted to both myself and Mr. Mark Ducharme at the Plainwell District Office for review.

The vault structure is internally subdivided into compartments. The sampling plan must include plans to collect one sample of paper residuals from both the floor and the ceiling of each compartment and analyze it for PCBs using the EPA Method 8080. Also one sample of the grout must be collected and analyzed from the inside south wall of each compartment. This sample should be collected from the lower one-third of the wall.

The MDNR has also concluded from its review that the demolition and proper disposal of the demolition waste may continue for the buildings east of the vault structure and west of the large three story building on Alcott as you described to me during the inspection.

If you have any questions, please contact me.

Sincerely,

Scott Cornelius
Superfund Section
Environmental Response Division
517-373-7367

cc: Ms. Kathy Robb, Hunton & Williams
Mr. Jon DeWitt, Varnum, Riddering, Schmidt & Howlett
Dr. Mark Brown, Blasland & Bouck Engineers
Ms. Kathy Cavanaugh, MDAG
Mr. Mark Ducharme, MDNR
File G1

NATURAL RESOURCES COMMISSION
JERRY C. BARTNIK
LARRY DEVUYST
PAUL EISELE
JAMES P. HILL
DAVID HOLLI
JOEY M SPANO
JORDAN B. TATTER

STATE OF MICHIGAN

JOHN ENGLER, Governor

**DEPARTMENT OF NATURAL RESOURCES**

Stevens T. Mason Building, P.O Box 30028, Lansing, MI 48909

ROLAND HARMES, Director

December 9, 1993

Mr. Mark S. Kieser
Kieser & Associates
1909 Holiday Lane
Kalamazoo, Michigan 49008

Dear Mr. Kieser:

SUBJECT: Building 2 Tile Vault Demolition
Portage Paper Company, Inc., Kalamazoo Michigan

The Michigan Department of Natural Resources (MDNR) has completed a review of the data provided by Kieser & Associates on behalf of the Portage Paper Company on July 16, 1993 and September 2, 1993. This data indicates that the PCB contamination that was present in this tile vault was contained in the historical paper residuals. These paper residuals have now been completely removed from the vault. This was verified by two visual inspections conducted by the MDNR on November 3, 1993 and December 8, 1993.

Based upon these data and inspections, the MDNR approves the demolition in place of the existing Building 2 Tile Vault. Compliance with all Federal, State and local laws and ordinances is the responsibility of the Portage Paper Company.

If you have any questions, please contact me.

Sincerely,

Scott Cornelius
Superfund Section
Environmental Response Division
517-373-7367

cc: Ms. Keeley Taylor, City of Kalamazoo
Mr. Mark Ducharme, MDNR
Mr. Tom Leep, MDNR
Mr. Scott Hanshue, MDNR
file A

DEC 20 1993

PCB - See folder

# WOODSON-TENENT Laboratories

ANALYTICAL AND CONSULTING CHEMISTS

345 Adams Ave. P.O. Box [illegible]
Memphis, Tenn. [illegible]

Telephone
Area Code 901/525-6333

*Official Chemists For*
National Cottonseed Products Association • National Soybean Processors Association

*Laboratory Locations.*
Clarksdale, Miss. • Des Moines, Iowa • Little Rock, Ark.
Memphis, Tenn. • Wilson, Ark. • Gainesville, Ga.

*Referee Chemists:*
American Oil Chemists' Society

Allied Paper Corp.
Kalama Zoo, Mich.

11/18/71

Sample of Paper

Marked Gum Wrap Trial, 45# Blue White,
06-0529-Nov.1971

Officially Sampled By

C.C.

PCB ..... 0.78 ppm

Laboratory No. 3100

Respectfully Submitted,

Woodson Tenent Laboratories

**Methods of Association of Official Agricultural Chemists and Official Methods of American Oil Chemists Society Employed in This Analysis.**

SA 044783

# Ontario Research Foundation

SHERIDAN PARK, ONTARIO, CANADA

(416) 822-4111
279-9771


March 14, 1972.

Crestbrook Pulp & Paper Ltd.,
P.O. Box 1000,
Skookumchuck, B.C.,
Canada.

Attention: Mr. John P. Morgan

Dear Mr. Morgan:

Your letter of February 18, 1972 addressed to Dr. L. Reynolds has been passed on to me.

This report covers the polychlorobiphenyl (PCB) analysis of the pulp sample which you submitted to ORF (received 29/2/72).

| Crestbrook Sample # | ORF Lab # | PCB (ppm) |
|---|---|---|
| 1 | G76 | <0.1 |

Dr. Reynolds informs me that the mercury results should be available in the near future.

Our invoice for $35.00 to cover the PCB analysis is enclosed.

Yours truly,

G.H.S. Thomas.
Senior Research Scientist.

GHST:am
Encl.


THIS REPORT RELATES ONLY TO THE PARTICULAR INSTRUMENT, MATERIAL, OR OTHER SUBJECT REFERRED TO IN IT. NO REPRESENTATION IS MADE THAT SIMILAR ARTICLES WILL BE OF LIKE QUALITY. WITHOUT THE PRIOR WRITTEN CONSENT OF THE ONTARIO RESEARCH FOUNDATION, NO PUBLICATION IN WHOLE OR IN PART OF THE TEXT OR SUBSTANCE OF THIS REPORT SHALL BE MADE, NOR SHALL THE NAME OF THE ONTARIO RESEARCH FOUNDATION BE USED IN ANY WAY IN CONNECTION WITH THE SALE, OFFERING OR ADVERTISING OF ANY ARTICLE OR PRODUCT. ANY TESTING, INSPECTION OR INVESTIGATION OF THE INSTRUMENTS, MATERIALS OR OTHER SUBJECTS PERFORMED BY ONTARIO RESEARCH FOUNDATION WILL BE CONDUCTED IN ACCORDANCE WITH THE BEST TECHNICAL STANDARDS BY THE ONTARIO RESEARCH FOUNDATION BUT NEITHER IT NOR ITS EMPLOYEES SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE RESULTING DIRECTLY OR INDIRECTLY FROM ANY DEFAULT, ERROR OR OMISSION.

# Ontario Research Foundation

SHERIDAN PARK, ONTARIO, CANADA

TELEPHONE 822-4111
AREA CODE 416

March 23, 1972

RECEIVED
MAR 27 1972

Crestbrook Pulp & Paper Limited
P.O. Box 1000
Skookumchuck, B.C.
Canada

Attention: Mr. John P. Morgan

Dear Mr. Morgan:

This report covers the mercury analysis of the pulp sample which you submitted to ORF for mercury and PCB analysis (ref. your letter of Feb. 18, 1972).

The sample contained <0.01 ppm of total mercury as determined by flameless atomic absorption spectrophotometry.

Our invoice for $32.50 to cover the mercury analysis is enclosed.

The PCB result was reported earlier by Dr. Thomas (letter of March 14,1972).

Yours very truly,

L.M. Reynolds
Senior Research Scientist

LMR:J
Enc.

THIS REPORT RELATES ONLY TO THE PARTICULAR INSTRUMENT, MATERIAL, OR OTHER SUBJECT REFERRED TO IN IT. NO REPRESENTATION IS MADE THAT SIMILAR ARTICLES WILL BE OF LIKE QUALITY. WITHOUT THE PRIOR WRITTEN CONSENT OF THE ONTARIO RESEARCH FOUNDATION, NO PUBLICATION IN WHOLE OR IN PART OF THIS TEXT OR SUBSTANCE OF THIS REPORT SHALL BE MADE, NOR SHALL THE NAME OF THE ONTARIO RESEARCH FOUNDATION BE USED IN ANY WAY IN CONNECTION WITH THE SALE, OFFERING OR ADVERTISING OF ANY ARTICLE OR PRODUCT. ANY TESTING, INSPECTION OR INVESTIGATION OF THE INSTRUMENTS, MATERIALS OR OTHER SUBJECTS PERFORMED BY ONTARIO RESEARCH FOUNDATION WILL BE CONDUCTED IN ACCORDANCE WITH THE BEST TECHNICAL STANDARDS OF THE ONTARIO RESEARCH FOUNDATION BUT NEITHER IT NOR ITS EMPLOYEES SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE RESULTING DIRECTLY OR INDIRECTLY FROM ANY REPORT, OPINION OR STATEMENT.

SA 035944

SA00035944

THE INSTITUTE OF PAPER CHEMISTRY
Post Office Box 1048
Appleton, Wisconsin 54911
Phone 414/734 9251

April 9, 1976

Report to

PRINCE ALBERT PULP COMPANY LTD.
Prince Albert, Saskatchewan

(Sample received on March 3, 1976)

# POLYCHLORINATED BIPHENYL ANALYSIS

| | |
|---|---|
| INSTITUTE FILE NO.: | 76-71020 |
| CODE NO.: | Prince Albert Pulp Sample |

Polychlorinated biphenyl, ppm

| | |
|---|---|
| Interpreted as Aroclor 1242 | Less than 0.1[a] |

Note: The above value represents a single determination.

Basis of report: As received.
Method: Gas chromatography using electron-capture detector.

---

[a] A trace of PCB might be present, but the amount would be too small to report with assurance.

SA 035938

RECEIVED
APR 22 1976
U. G. STOEFFLER

THE KAR LABORATORY
1711 Merrill St.
KALAMAZOO, MICHIGAN 49008
Telephone 381-9666

ANALYTICAL REPORT

Date: April 21, 1976

P.O. Number: 15057
4073-K-4-ALL

To: Mr. U. G. Stoeffler
Allied Paper Company
P.O. Box 2528
Kalamazoo, Michigan 49003

Re: Two (2) paper samples submitted on March 30, 1976 for Polychlorinated Biphenyls analysis.

Method: AOAC, 12th Ed., 1975, Art. 29.029ff.

Results:

| | Polychlorinated Biphenyls |
|---|---|
| White Paper | 9.3 ppm |
| Yellow Paper | 3.5 ppm |

Respectfully submitted,

THE KAR LABORATORY

John N. Karnemaat
Director

JNK:mrc

# WOODSON-TENENT Laboratories

ANALYTICAL AND CONSULTING CHEMISTS

345 Adams Ave. P. O. Box 2135
Memphis, Tennessee 38101

Telephone
Area Code 901/525-6333

*Official Chemists For:*
National Cottonseed Products Association • National Soybean Processors Association

*Laboratory Locations:*
Clarksdale, Miss. • Des Moines, Iowa • Little Rock, Ark.
Memphis, Tenn. • Wilson, Ark. • Gainesville, Ga.

*Referee Chemists:*
American Oil Chemists' Society


RECEIVED
MAY 13 1976
U.G. STOEFFLER

Allied Paper, Inc.
Kalamazoo, Mich.

5/11/76

White Tippin

*Sample of*

10-0642

*Marked*

*Officially Sampled By*

*C.C.*

5-5-(illegible)

| | |
|---|---|
| PCB | 0.07 ppm |
| Repeat | 0.08 ppm |

*Laboratory No.* 4316

*Respectfully Submitted,*

Woodson Tenent Laboratories

*Methods of Association of Official Agricultural Chemists and Official Methods of American Oil Chemists Society Employed in This Analysis.*

SA 044173

# WOODSON-TENENT Laboratories

ANALYTICAL AND CONSULTING CHEMISTS

345 Adams Ave. P.O. Box 2135
Memphis, Tennessee 38101

Telephone
Area Code 901/525-6333

*Official Chemists For:*
National Cottonseed Products Association • National Soybean Processors Association

*Laboratory Locations:*
Clarksdale, Miss. • Des Moines, Iowa • Little Rock, Ark.
Memphis, Tenn. • Wilson, Ark. • Gainesville, Ga.

*Referee Chemists:*
American Oil Chemists' Society



RECEIVED
MAY 13 1976
U.G. STOEFFLER


Allied Paper, Inc.
Kalamazoo, Mich.

5/11/76.

Cork Tipping

*Sample of*.....

11-0729

*Marked*.....

.....

.....

*Officially Sampled By*.....

*C.C.*.....

| | |
|---|---|
| PCB | 0.03 ppm |

*Laboratory No.* 4318

*Respectfully Submitted,*

Woodson Tenent Laboratories

*Methods of Association of Official Agricultural Chemists and Official Methods of American Oil Chemists Society Employed in This Analysis.*

# WOODSON-TENENT Laboratories

ANALYTICAL AND CONSULTING CHEMISTS

345 Adams Ave. P. O. Box 2135
Memphis, Tennessee 38101

Telephone
Area Code 901/525-6333

*Official Chemists For:*
National Cottonseed Products Association • National Soybean Processors Association

*Laboratory Locations:*
Clarksdale, Miss. • Des Moines, Iowa • Little Rock, Ark.
Memphis, Tenn. • Wilson, Ark. • Gainesville, Ga

*Referee Chemists:*
American Oil Chemists' Society



RECEIVED
MAY 13 1976
U.G.STOEFFLER


Allied Paper, Inc.
Kalamazoo, Mich. 5/11/76

*Sample of* Cork Tipping

*Marked* 10-0726

*Officially Sampled By*

*C.C.*

| | |
|---|---|
| PCB | 0.01 ppm |
| Repeat | 0.09 ppm |

*Laboratory No.* 4317

*Respectfully Submitted,*
Woodson Tenent Laboratories

*Methods of Association of Official Agricultural Chemists and Official Methods of American Oil Chemists Society Employed in This Analysis.*

**Crestbrook Pulp and Paper Ltd.**

P.O. Box 1000, Skookumchuck,
B.C., Canada
(604) 422-3261

May 17th, 1976

RECEIVED
MAY 24 1976
U.G.STOEFFLER

Mr. U. G. Stoeffler
Process Development Manager
Allied Paper Inc.
2030 Portage Street
Kalamazoo, Michigan, U. S. A.
49001

Dear Mr. Stoeffler:

Thank you for the time you spent with Bill Weidenfiller and myself on our mill visit.

As you requested, I am enclosing reports from the Ontario Research Foundation who did PCB and mercury analyses on a sample of our pulp a few years ago. Nothing has changed in our raw material supply so the results should still be valid.

The lower detection limit of the techniques they used were 0.01 ppm on mercury and 0.1 ppm on PCB. Therefore $<0.01$ and $<0.1$ ppm mean that they were not able to detect either of these compounds in our pulp.

I trust this is the information that you requested.

Yours very truly,

CRESTBROOK PULP AND PAPER LTD.

T. M. HANER,
Technical Superintendent

TMH/jb

cc: W. Weidenfeller - Gottesman and Company
K. Hall - Crestbrook Pulp and Paper

bcc: H. Horrocks
M. Smith

**SCM ALLIED PAPER INCORPORATED**
SUBSIDIARY OF SCM CORPORATION

INTER-OFFICE MEMO

TO: J. Curtis FROM: U. G. Stoeffler

OFFICE: OFFICE:

SUBJECT: ✓ PCB CONTENT OF ALLIED PAPERS DATE: July 9, 1976

Some time ago, you requested that we determine the PCB level in our White and Cork Tipping papers (as per request by R.J.R. Archer), and in a Foil Laminating paper made at Jackson, Ala. We sent the Tapping paper samples to two laboratories for analyses. When the results came back, there was enough difference between the two laboratories that we had both labs repeat the tests. All PCB content were within the 10 ppm level. The repeat results from Woodson-Tenent Laboratories were very close to their original results, so we are confident of the levels here reported. We have not as yet received the repeat test results from the second laboratory.

Listed below are the PCB levels on the samples submitted:

| | | |
|---|---|---|
| 11-0729 | Cork Tipping | - 0.03 ppm |
| 11-0726 | Cork Tipping | - 0.05 ppm |
| 10-0638 | White Tipping | - 0.09 ppm |
| 10-0642 | White Tipping | - 0.075 ppm |
| 12-5261 | Foil Mounting | - 0.20 ppm |

One White Tipping sample sent was made with calcium carbonate and the other with Fybex.

UGS:mr

cc: F. Harrison
E. J. Gilman
File



SA00042696

THE KAR LABORATORY
1648 SOUTH WESTNEDGE
KALAMAZOO, MICHIGAN 49008
Telephone 381-9666

RECEIVED
MAR 15 1974
U.G. STOEFFLER

# ANALYTICAL REPORT

Date: March 14, 1974 3375-K-5-ALL

To : Allied Paper Company
P.O. Box 2528
Kalamazoo, Michigan 49003
Attention: Mr. U.G. Stoeffler

Re : PCB analyses. Samples submitted on October 8, 1973.

Method: Gas Chromatography - Electron Capture.

Results:

| Sample Description | Polychlorinated Biphenyls |
|---|---|
| A | 32 ppb |
| B | 38 ppb |
| C | 34 ppb |
| D | 61 ppb |

Respectfully submitted,
THE KAR LABORATORY

John H. Karnemaat
Director

JHK

SCM CONFIDENTIA

SCM ALLIED PAPER INCORPORATED
SUBSIDIARY OF SCM CORPORATION

PAPER MILLS DIVISION KALAMAZOO, MICHIGAN 49003 (616) 345 7131

May 11, 1976

Mr. Chester Harvey
Basin Engineer
Department of Natural Resources
Water Resources Commission
4056 Plainfield Avenue, N. E.
Grand Rapids, Michigan 49505

Dear Chet:

We have received the PCB test results on the water samples we took from Portage Creek at Reed Street during the lowering of Bryant Pond.

We began lowering the pond (really raising the gate) on March 8, 1976, and on April 8, 1976 had only the Portage Creek channel left in the pond area. The creek turned quite grey-black on April 2, 1976 and became less and less black starting April 27.

The results are as follows:

| Sample Date | PCB Content |
|---|---|
| March 9, 1976 | 92.7 ppb |
| March 23, 1976 | 292 ppb |
| March 30, 1976 | 106 ppb |
| April 6, 1976 | 150 ppb |
| April 13, 1976 | 132 ppb |
| April 20, 1976 | 120 ppb |

As you can see, the PCB content went up to March 23 and then have leveled off. The last reading is still several times higher than our last test sample taken two years ago at the pond.

After Portage Creek clears up from the pond lowering, we will take additional samples in the creek for PCB analyses.

We would appreciate receiving your test results on duplicate samples of March 23, April 6, and April 20 sent to your laboratory for analysis.

0011132

THE KAR LABORATORY
1711 Merrill St.
KALAMAZOO MICHIGAN 49008
Telephone 381 9666

RECEIVED
U. G. STOEFFLER

ANALYTICAL REPORT

Date: April 5, 1976 P.O. Number: 14901

To: Mr. U. G. Stoeffler
Allied Paper Company
P.O. Box 2528
Kalamazoo, Michigan 49003

Re: Two (2) samples submitted on March 9, & 23, 1976 for PCB analysis. (Samples from Portage Creek, during lowering of Alcott Street dam.)

Methods: Gas Chromatography - Electron capture

Results:

| Date sample submitted | Laboratory No. | Polychlorinated Biphenyls |
|---|---|---|
| March 9, 1976 | W-292 | 92.7 ppb |
| March 23, 1976 | W-305 | 292.0 ppb |

Respectfully submitted,

THE KAR LABORATORY

John N. Karnemaat
John N. Karnemaat
Director

JNK:mrc

000502

THE KAR LABORATORY
xxxxxxxxxxxxxxxxxxxx 1711 Merrill St.
KALAMAZOO MICHIGAN 49008
Telephone 381 9666

RECEIVED
MAY - 4 1976
U.G. STOEFFLER

ANALYTICAL REPORT

Date: May 3, 1976 P.O. Number: 14901

To: Allied Paper Company
P. O. Box 2528
Kalamazoo, Michigan 49003

Re: Four (4) water samples submitted on March 30, 1976 and April 6, 13, & 20, 1976 for PCB analysis. (Samples from Portage Creek, During lowering of Alcott Street dam.)

Methods: Gas Chromatography - Electron capture

Results:

| Date sample submitted | Laboratory number | Polychlorinated Biphenyls |
|---|---|---|
| March 30, 1976 | W-309 | 106 ppb |
| April 6, 1976 | W-315 | 150 ppb |
| April 13, 1976 | W-319 | 132 ppb |
| April 20, 1976 | W-327 | 120 ppb |

Respectfully submitted,

THE KAR LABORATORY

John N. Karnemaat
Director

JNK:mrc

000573

SCM ALLIED PAPER INCORPORATED
SUBSIDIARY OF SCM CORPORATION

PAPER MILLS DIVISION KALAMAZOO, MICHIGAN 49003 (616) 345-7131

August 6, 1976

Mr. Roger Przybysz
Water Quality Investigator
Water Resources Commission
4056 Plainfield Avenue, N. E.
Grand Rapids, Michigan 49505

Dear Mr. Przybysz:

We are in receipt of your letter of July 23 relative to our filter backwash water.

On the July 3 weekend, we installed a water meter on the backwash water line. We accumulated data on flow, flow rate, and backwash cycle times during the next three weeks. All this data has been presented to our Engineering Department for study. They will make recommendations for introducing this backwash water into our Bryant clarifier.

You will be pleased to hear that the results of the Portage Creek sample taken on June 3, 1976 for PCB by us showed 4.22 ppb of Aroclor's 1254 and 1242. This value is very close to your test result of 3.0 ppb as Aroclor 1242; <1 ppb as Aroclor 1254; and <1 ppb as Aroclor 1260.

Very truly yours,

ALLIED PAPER INCORPORATED

U. G. Stoeffler, Manager
Process Development

UGS:mr

cc: E. J. Gilman
Karl Zollner (WRC-Lansing)

MDNR 003985

June 4, 1976

Woodson-Tenent Laboratories
345 Adams Avenue
Memphis, Tennessee 38102

Dear Sirs:

Under separate cover, via United Parcel Service, we are sending a 2 liter sample of Portage Creek water taken June 3, 1976, on which a PCB analysis is requested.

The cost of this analysis should be applied to our Purchase Order No. 15189, the same purchase order number assigned to work you did for us in April '76.

Very truly yours,

U. G. Stoeffler, Manager
Process Development

/deo

bcc: F. Harrison
E. J. Gilman
M. Smith

W-J 6/24/76

Repeats | White ~~Cork~~ 10-0642 - .08 ppm

10 0638 - 0.15 ppm

10-726 .09 ppm

June 4

Water - 4.22 ppb

all arclors 1254 + 1242

000640

[redacted] ANN ARBOR, MICHIGAN 48104
[redacted]

SAMPLES RECVD BY : 04-13-81
CLIENT P.O : 35381
REPORT DATE : 05-29-81
REPORT NO. : 304

[redacted]

RESIDUAL SAMPLES WILL BE HELD TWO WEEKS

[redacted]

REFER TECHNICAL QUESTIONS TO : J WILSON

| CLIENT ID | PARAMETER & MATRIX | RESULT | UNIT | ERG SAMPLE NUMBER |
|---|---|---|---|---|
| | DIELDRIN | ND | | |
| | ENDOSULFAN I | ND | | |
| | ENDOSULFAN II | ND | | |
| | ENDOSULFAN SULFATE | ND | | |
| | ENDRIN | ND | | |
| | ENDRIN ALDEHYDE | ND | | |
| | HEPTACHLOR | <0.10 | ug/L | |
| | HEPTACHLOR EPOXIDE | ND | | |
| | TOXAPHENE | ND | | |
| | PCB 1016 | ND | | |
| | PCB 1221 | ND | | |
| | PCB 1232 | ND | | |
| | PCB 1242 | ND | | |
| | PCB 1248 | ND | | |
| | PCB 1254 | ND | | |
| | PCB 1260 | ND | | |
| | COMMENTS: a-BHC HEPTA DET LIMIT IS 0.10 | | | |
| 4-13-81 | BOD5 IN IND. EFFLUENT | 28 | mg/L | |
| 4-13-81 | CARBON, TOTAL ORGANIC, IN IND EFFLUENT | 35 | mg/L | |
| 4-13-81 | SOLIDS, SUSPENDED IN IND EFFLUENT | 38 | mg/L | |

ND = NOT DETECTED SD = SAMPLE DAMAGED
NA = NOT APPLICABLE TO TEST REQUESTED
FR = SEE FIELD REPORT FOR RESULT

CONTINUED



Document Predesignate for Stoeffler

SCM ALLIED PAPER INCORPORATED
SUBSIDIARY OF SCM CORPORATION

PAPER MILLS DIVISION .. KALAMAZOO, MICHIGAN 49003 (616) 345 7131

November 15, 1982

Dept. of Natural Resources
ATTN: Mr. Roger Przybysz
Water Quality Specialist
State Office Building
350 Ottowa, N. W.
Grand Rapids, Michigan 49503

Dear Mr. Przybysz:

Your letter of September 9, 1982 reporting on the March 1 -2, 1982 survey of Allied Paper's discharge to Portage Creek noted a concentration of 60 micrograms/liter of Pentachlorophenol (PCP) in our 390006 outfall. This was contrasted to a reported result of 0.58 micrograms/liter of PCP in the sample taken in the 1981 survey. Upon discussing this apparent difference in the strength of this parameter you agreed that the previous survey result of 0.58 micrograms/liter was in error and should have been 58 micrograms/liter. This then showed a very little difference in the strength of this parameter in our discharge from one survey to the next.

Since none of our raw materials contain PCP, we were at a loss to explain even this small amount of PCP in our clarifier effluent. Therefore, we had Western Michigan Environmental Services of Holland, Michigan, sample and analyze three water points for PCP, namely Portage Creek (before our discharge), Monarch clarifier effluent, and a spring water near Monarch clarifier pump house. We are pleased to report that a "not detectable" concentration level in all three sample points. The detectable limit being 5 micrograms per liter. A copy of the ESI report is attached.

We trust that these results and the clarification of the 1981 survey results on PCP will negate any recommendation for short-term monitoring of this PCP parameter as a special condition of our current NPDES permit reissurance.

Very truly yours,

U. G. Stoeffler
Manager Process Development

UGS/kj
CC: T. E. Flanagan, Allied Vice President
Galen Kilmer, Permit Section, Water Quality Division
Jim Forney, Office of Toxic Materials Control, Environmental Services Div.
John Bohunsky, WQD Files, Lansing
Scott Ross, Compliance Section, Water Quality Division
Jean Eldred, Kalamazoo Wastewater Treatment Plant

Enclosure

000297

SA 034338

Document Predesignated for Stoeffler

esi
146 SOUTH RIVER AVEN
HOLLAND MICHIGAN 494
PHONE 616 396 12

TO: Allied Paper, Inc.
Paper Mill Division
P.O. Box 2528
Kalamazoo, Michigan 49003

Attn: Les Stoeffler

DATE: November 10, 1982

ANALYSIS: of water samples by GC/MS

CERTIFIED BY: William H Bouma (DB)
William H. Bouma, Ph.D., Director of Laboratories

SAMPLING DATE: Received from client November 2 1982

RESULTS: Expressed as micrograms per liter of sample (ppb)

| ESI # | SAMPLE I.D. | PARAMETER | CONCENTRATION |
|---|---|---|---|
| 821102-1 | Portage Creek | Pentachlorophenol (PCP) | Not Detected* |
| -2 | Effluent | Pentachlorophenol (PCP) | Not Detected* |
| -3 | Spring | Pentachlorophenol (PCP) | Not Detected* |

*The limit of detection was 5 micrograms/liter.

ESI
WESTERN MICHIGAN
ENVIRONMENTAL SERVICES, INC.
146 SOUTH RIVER AVENUE
HOLLAND MICHIGAN 49423
PHONE 616-395-1209

TO: Wilkins & Wheaton Testing Laboratory
169-171 Portage Street
Kalamazoo, Michigan 49007
Re: Allied Paper, Project #8013
Attn: Bill French

DATE: July 8, 1983

ANALYSIS: of paper waste material.

CERTIFIED BY: Dennis J. Bush/William G. Rauch

SAMPLING DATE: Received from client on June 17, 1983.

RESULTS: As noted.

| ESI # | SAMPLE I D. | PARAMETER | CONCENTRATION |
|---|---|---|---|
| 830654-1 | Paper Waste Material from Allied Paper (Sample A) | ASTM Distilled Water Leachate | See Attached Table 1 |
| | | EP Toxicity | See Attached Table 2 |
| | | Gross Analysis | See Attached Table 3 |
| -2 | Paper Waste Material from Allied Paper (Sample B) | ASTM Distilled Water Leachate | See Attached Table 1 |
| | | EP Toxicity | See Attached Table 2 |
| | | Gross Analysis | See Attached Table 3 |

000621

Table 3

Analysis of Paper Waste Material from Allied Paper
Wilkins & Wheaton Project #8013
Results expressed as milligrams per kilogram (mg/kg)
of sample except where noted.

| Parameter | Sample A | Sample B |
|---|---|---|
| pH (s.u.) | 6.5 | 6.8 |
| Specific Conductance (µmhos/cm) | N.A. | N.A. |
| Total Solids (% of sample) | 16.37 | 29.29 |
| Total Dissolved Solids | N.A. | N.A. |
| Total Volatile Solids (% of sample) | 6.17 | 7.55 |
| Bicarbonate | N.A. | N.A. |
| Chloride | 279 | 266 |
| COD | N.A. | N.A. |
| TOC | N.A. | N.A. |
| Grease & Oil | 1,000 | 2,030 |
| Ammonia, Nitrogen | <0.6 | 23.6 |
| Nitrate-Nitrite, Nitrogen | <1.1 | 23.0 |
| Organic, Nitrogen | 290 | 826 |
| Phenol, Total | 0.12 | 0.13 |
| Sulfate | 169 | 92 |
| Calcium | 380 | 9200 |
| Iron | 140 | 490 |
| Magnesium | 80 | 300 |
| Sodium | 35 | 32 |
| PCB [redacted] | <0.5 | <0.5 |
| PCB [redacted] | <0.5 | <0.5 |
| PCB [redacted] | <0.5 | <0.5 |

(Continued on Page 2)

Table 3

Analysis of Paper Waste Material from Allied Paper
Wilkins & Wheaton Project #8013
Results expressed as milligrams per kilogram (mg/kg)
of sample except where noted.

| Parameter | Sample A | Sample B |
|---|---|---|
| Arsenic | 0.92 | 1.75 |
| Barium | 6.6 | 95 |
| Cadmium | <0.05 | 0.21 |
| Chromium, Total | 1.7 | 3.6 |
| Copper | 5.4 | 10.0 |
| Cyanide | 5.7 | 6.8 |
| Lead | 1.7 | 5.1 |
| Mercury | <0.022 | <0.026 |
| Nickel | 0.71 | 1.8 |
| Selenium | <0.026 | <0.024 |
| Silver | <0.05 | <0.07 |
| Zinc | 3.6 | 12 0 |
| ESI #820654 | -1 | -2 |

N.A. - Test parameter not applicable.

Indy

SCM ALLIED PAPER INCORPORATED
SUBSIDIARY OF SCM CORPORATION

PAPER MILLS DIVISION KALAMAZOO, MICHIGAN 49003 (616) 345-7131

March 27, 1984

Mr. James T. Isley
Purchasing Agent
R. J. R. ARCHER, INC.
Winston Salem, North Carolina 27102

Dear Jim,

Your letter of March 6, 1984 to Robert Head requested assurance that the tipping papers you purchase from Allied "contains no more than minimum, unavoidable quantities of PCB".

Bob sent the letter to me for action. While we felt sure that our tipping did not contain 10 ppm PCB we sent samples of a recent run (February, 1984) of cork tipping to a certified laboratory in Kalamazoo for PCB analysis. Their analysis shows $< 0.5$ ppm of PCB and the copy of their analytical report is attached for your assurance.

Thank you for giving us the opportunity to provide this assurance.

Best personal regards.

Sincerely,

U. G. Stoeffler
Manager Process Development

/kmj

000690

KA05800582

KAR Laboratories, Inc.
219 Peckstok Road
Kalamazoo, Michigan 49001
Telephone (616) 381-9666

# ANALYTICAL REPORT

Date: March 23, 1984 Laboratory code: 84177

To: Allied Paper, Inc.
P.O. Box 2528
Kalamazoo, MI 49003
Attn: Mr. Les Stoeffler

Re: One (1) sample of paper received March 12, 1984 from Cork Tipping for PCB determination.

Method:

AOAC (1980) 29.037

Results:

| Sample Identification | PCB |
|---|---|
| CT-22384 | <0.5 parts per million |

Respectfully submitted,
KAR Laboratories, Inc.

John N. Karnemaat
Special Projects Director

JNK/mcm

MILLENNIUM HOLDINGS, INC.
KALAMAZOO RIVER MEDIATION

REFERENCED DOCUMENTS RE.
QUESTION NO. 5

IN RE: ENVIRONMENTAL DECLARATORY JUDGMENT ACTIONS
DOCKET NO. UNN L 8573-89

| | |
|---|---|
| H. M. HOLDINGS, INC., THE GLIDDEN COMPANY & SMITH CORONA CORPORATION, Plaintiffs, vs. LUMBERMENS MUTUAL CASUALTY COMPANY, et al., Defendants. | SUPERIOR COURT OF NEW JERSEY LAW DIVISION: UNION COUNTY DOCKET NO. L-96187-87 Civil Action |

The Deposition of CECIL CROOK, taken before Michele A. Lantis, CSR-0120, RPR-CM, Certified Shorthand Reporter and Notary Public, at Gerger-Moretti Reporting, 520 Comerica Building, Kalamazoo, Michigan on May 28, 1992, commencing at or about 9:00 a.m., pursuant to notice.

GERGER-MORETTI REPORTING
Kalamazoo - Grand Rapids, Michigan
(616) 343-0118 - (800) 536-0804

APPEARANCES:

MR. BENNET G. KELLEY
Howrey & Simon
1730 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-4793

Appearing on Behalf of the Plaintiffs.

MR. JAMES A. PINDERSKI
Tressler, Soderstrom, Maloney & Priess
200 West Adams, Suite 3000
Chicago, Illinois 60606

Appearing on Behalf of Defendants Lumbermens Mutual Casualty Co. and American Motorists Insurance Co.

MR. MICHAEL S. OLSAN
Connell, Foley & Geiser
85 Livingston Avenue
Roseland, New Jersey 07068

Appearing on Behalf of Defendant Continental Casualty Co.

MR. MICHAEL H. COHEN
Morgan, Melhuish, Monaghan, Arvidson, Abrutyn & Lisowski
651 West Mount Pleasant Avenue
Livingston, New Jersey 07039

Appearing on Behalf of Defendant Home Insurance Company.

MS. CATHERINE COLINVAUX
Zelle & Larson
95 Sawyer Road - Suite 500
Waltham, Massachusetts 02154

I N D E X


| | |
|---|---|
| Examination by Mr. Pinderski | 4 |
| Examination by Mr. Cohen | 124 |
| Examination by Mr. Olsan | 158 |
| Examination by Ms. Colinvaux | 167 |
| Further Examination by Mr. Pinderski | 179 |
| Examination by Mr. Kelley | 181 |
| Further Examination by Mr. Pinderski | 183 |
| Further Examination by Mr. Cohen | 183 |


EXHIBITS:


| | |
|---|---|
| Exhibit No. 1 - Investigative report | 69 |
| Exhibit No. 2 - Map | 76 |
| Exhibit No. 3 - Diagram | 135 |


GERGER-MORETTI REPORTING
Kalamazoo - Grand Rapids, Michigan
(616) 343-0118 - (800) 536-0804

Q I'm sorry?
A Fiber barrels.
Q Fiber barrels?
A Yes.
Q How large were they?
A 50 gallons.
Q When you say fiber, does that mean they were not steel or metal barrels?
A Yes.
Q What did you do with the barrels? What -- strike that. What was done with the barrels, to your knowledge, after the wet strength was emptied from them?
A They were taken to a landfill.
Q Do you know what landfill?
A I think they had two different landfills. One over by Coloma.
Q Do you ever recall having seen any of these barrels being speared with a mule or forklift?
A No.
Q Do you have any knowledge about what chemicals were in wet strength?
A No, I don't.
Q Do you know whether or not wet strength was actually a trade name or was it just a name that people called

it?
A It's a trade name, yes.
Q So it's a quote, wet strength?
A Yes.
Q Sometimes this was shipped in bulk on trains?
A Tanker truck.
Q Tanker trucks. And do you recall who -- were there any markings on the side of the tanker trucks?
A That come from an outfit down on Lake Street there, that chemical company there. They delivered that stuff.
Q This is Lake Street in Kalamazoo?
A Yeah, Miller Road out here. What's the name of that chemical company on Miller Road? That's the company. It's still there.
Q Okay. It's your recollection then that they started using wet strength about 1980?
MR. KELLEY: I think he said he stopped around '80 to '86.
Q Was it it your testimony they stopped using wet strength or making wet-strength paper around 1980?
A No, around '87 I think, I'm guessing.
Q Did they make wet-strength paper when you first began working at Mill D?
A I believe they did.

Q Okay. Do you know what purpose the wet-strength paper served? Who would use it? Strike that. Let me ask one question at a time. Do you know what wet-strength paper was used for?
A Some of it I know was used for photography paper, you know. When you drop it in the water it would still maintain its strength.
Q I see. Now, to get back to what I started to ask you earlier, if wet-strength paper was manufactured in a manner which was not suitable for sale to the Allied Paper customers, would that paper be introduced -- reintroduced to the hydropulper to be repulped?
A In the last few years they had a system that they cooked it in the hydropulper. They had to cook it for hours. Sometimes it wasn't even worth it, they just dump it, sell it job lot.
Q They cooked it in the hydropulper?
A They had one, yes.
Q Was there a hydropulper that cooked the chemicals out of the paper?
A Yes.
Q Was that one particular hydropulper or did all hydropulpers do that?
A One at each mill, C and D.
Q And was that hydropulper always in place -- strike

that. Was that hydropulper in place at Mill D when you first began working there?

A Yes.

Q Do you remember what -- was there a number assigned to that machine, paper machine?

A I just called it the little pulper. Mill C they used the same pulper for that that they pulped their stock with on number five.

Q Now, were there times to your recollection either intentionally or by accident when wet-strength paper was introduced to the hydropulpers?

A Yes.

Q And as a result of them being introduced to the hydropulpers did this cause at any point the hydropulpers to clog?

A Yes.

Q And that was as a result of the introduction of the wet-strength chemical into the mix?

MR. KELLEY: Objection, to the best of your knowledge.

A We knew when we made wet strength that we knew what we had and we didn't -- we never got it loose. But when the salvage company would bring stock into it, this would have a handful of wet strength in it, maybe a half a bushel in a big bale.

Q So wet-strength paper was something they also looked for to exclude from the paper they were introducing to the hydropulper?
A Yes.
Q All right. But sometimes nevertheless it got into the system?
A Yes.
Q All right. Was that also true of paper with latex coatings on it?
A From my knowledge latex would pulp up except it would glob up. It wouldn't plug nothing. Latex will not plug. It wouldn't run right. It would be a ball of wax like when it hit the machines.
Q When the hydropulper did clog as a result of the introduction of wet strength, what did the people working in the mill have to do?
A Well, on a couple of them they would cook it just like they were running wet strength, recycling it, and they would cook it and if they couldn't get it to cook out they would pump it out.
Q Where would they pump it to?
A Clarifier.
Q Did they pump it directly to the clarifier?
A No, through the grating system.
Q Okay. So it was pumped down into the basement?

A Sewers you'd call it, yes.
Q But it went down into the basement troughs, correct?
A Yes. And then the basement utility would clean up and bring the stuff that wouldn't go through the clarifier pump, they would take it into -- take it to a landfill.
Q Did the clarifier pump, when you say the clarifier -- when you say the clarifier pump are you referring to the pump that was in the basement?
A Yes.
Q Did the clarifier pump, your term, ever clog as a result of the wet-strength paper or the wet-strength substance?
A I don't know. No, I think the grating kept it from getting to it.
Q Getting to the pump?
A Yes.
Q There was grating surrounding the pump?
A Just like we was talking about the sewer grating, you know, in the sewer system.
Q Okay. Sir, can I ask you if you would, to the best of your ability, make a diagram, and we will mark this as an exhibit, of the layout of the basement in Mill D. And by that what I'm asking you to do in the first instance is to show me the location of the

Q Did you ever see chemicals spilled at any time during the years you were at the Monarch Mill?
A I never seen it, no.
Q Did you hear about it?
MR. KELLEY: Objection.
A Not officially.
Q Unofficially?
MR. KELLEY: Same objection.
A No.
Q Did you ever hear anyone say that they had seen chemicals spilled?
MR. KELLEY: Objection.
A A fellow told me that he got nauseated from something from a tank car, but that was just -- that was not official, that was just a fellow employee told me. I think this was chlorine.
Q Do you recall anything about the circumstances of that event?
MR. KELLEY: Same objection, Counselor. It's totally hearsay.
A I think it was switching a little tank of chlorine and it leaked momentarily.
Q This is while you were at the Monarch Mill?
A Yes.
Q Is this the only occasion that you ever heard of

chemicals being spilled during the years you were at the Monarch Mill?

A Yes.

Q I believe you testified when Mr. Cohen was asking you questions that wet-strength paper was a type of paper that was excluded from salvage loads. What were the salvage loads you were referring to?

A We would buy -- the company would buy scrap paper from a salvage company.

Q Do you know that salvage company was?

A Redmond Brothers.

Q Redmond?

A Yes.

Q Do you know where they're located?

A Factory Street they were. I think they've gone out of business.

Q In Kalamazoo?

A Yeah.

Q Do you know what years the company bought scrap paper from Redmond Brothers?

A Probably the last five, six years they run.

Q So we're talking about the 1980's?

A Late '80's, yes.

Q Do you know what the paper was used for?

A It was used to mix -- general use. You know, it's

broke, recycled paper that they reused.
Q Was it paper that required de-inking?
A No; no.
Q So, when the salvage paper came into the mill what was done with it?
A It was just put in the hydropulper and recycled or repulped.
Q And this was something that you had responsibility for?
A I have, yes.
Q Were there other kinds of paper that would be excluded from this salvage paper?
A Not much, no.
Q Any other types you can think of offhand?
A I don't understand the question.
Q Well, I believe perhaps I misheard. I believe you had said that when this salvage paper came in you would take out the wet-strength paper?
A We did not sort it. We didn't have time. You couldn't tell it anyway, unless you used a chemical to test it. But you would know it when you dropped one if you had wet strength, you knew it.
Q So, you didn't sort through the paper and take out particular types of paper before you used it?
A No.

Q Were there ever any other types of paper that would come in this scrap paper that could be a problem in the hydropulper?
A No.
Q Do you know whether Allied Paper used salvage paper before 1980 in this process, in the hydropulper?
A Yes, I think they've always used a certain amount.
Q And this is paper again that would not go through the de-inking process, but would be put directly into the hydropulper in the beater rooms of the mills?
A Yes.
Q And you believe that this is a practice that Allied Paper always followed?
A Yes.
Q Is this a practice that was always followed during the years that you worked in the beating room?
A Yes.
Q Do you have personal knowledge that it was used before the years that you were in the beating room?
A I think before I went to the beater room and Mill A was still running everything went through Mill A. They would sort it out if there was anything in there, they could throw it on a belt and sort it.
Q Do you know whether or not during the years that Mill A was running some salvage paper that did not require

de-inking would be used, would be introduced directly into the hydropulpers in the beating room without having gone through the de-inking process?

MR. KELLEY: Can you read back the question, please?

(Court reporter read back the question)

A No.

Q You don't know?

A I could explain it.

Q Please do.

A They had -- like I said, they had pulpers over there that if they seen quality paper that didn't have to be sorted or de-inked, they would pulp it over there and pump it over to those tanks we got between Mill C and Mill D, everything.

Q I believe you stated that there was a basement utility man in Mill D who would take out material that could not be run through the clarifier, do you know the names of any of the people who held that position?

A The man that done it for years and years died just before the mill went down.

Q What was his name?

A Richard Montz.

Q The one time that you recall seeing the Portage Creek

looking milky white, was that during the years you were working at the Monarch Mill?

A Yes.

Q Do you recall whether that was towards the beginning of the time you worked at the Monarch Mill or towards the end, or do you know what year that was?

A No, I don't.

Q Do you know if that would have been before or after 1950?

A After.

Q Do you know if it would have been before or after 1955?

A I would say close to '55.

Q You testified that the gate in Mill D was welded shut after the occasion on which you opened it. Did you actually see it welded shut?

MR. KELLEY: Are you asking if he saw the process of being welded shut?

Q Did you see the welders in there welding it shut?

A No.

Q What led you to believe it had been welded shut?

A I looked at it. It was welded shut and sandbagged.

Q Did you attempt to open it on that occasion?

A No.

Q How could you tell that it had been welded shut?

A By looking at it.

MS. COLINVAUX: I don't have any other questions.

FURTHER EXAMINATION

BY MR. PINDERSKI:

Q I just have couple of questions for you, Mr. Crook. A large part of the deposition we've spent talking about the gate that would have led to the creek. Okay. Was there another term for that gate or that passage to the creek? Was it sometimes referred to as a bypass, that you're aware of?

A I'm not aware of it, no.

Q Are you aware of any other name that that gate would have had or that passageway would have had?

A No.

Q It was just called the gate?

A Uh-huh.

Q All right. You said that when you went from Mill E to Mill A it was because you were either told to go on vacation or go to work at Mill A. Was that a circumstance surrounding your involvement with the union or how did that work? Why was it that type of an option?

A When we run out of orders and we don't have enough to keep the operation going, they would shut down a

| | | |
|---|---|---|
| H. M. HOLDINGS, INC., THE GLIDDEN COMPANY & SMITH CORONA CORPORATION, | ) | SUPERIOR COURT OF NEW JERSEY<br>LAW DIVISION: UNION COUNTY<br>DOCKET NO. L-96187-87 |
| Plaintiff, | ) | |
| vs. | ) | Civil Action |
| LUMBERMENS MUTUAL CASUALTY COMPANY, et al. | ) | |
| Defendants. | ) | |

DEPOSITION of MALCOLM J. RENDELL, taken pursuant to Notice, at the Holiday Inn, 375 Main Street, Waterville, Maine, beginning at 9:00 a.m., November 16, 1992, before Rebecca M. Pearson, a Notary Public in and for the State of Maine.

APPEARANCES:

| | |
|---|---|
| For the Plaintiff: | BENNET G. KELLEY, ESQ. |
| For Home Insurance Co.: | MICHAEL H. COHEN, ESQ. |
| For Continental Casualty: | EDWARD DeLESKY, ESQ. |
| For Lumbermens Mutual Casualty and American Motorists Insurance Company: | JAMES A. PINDERSKI, ESQ. |
| For Hartford Accident & Indemnity: | RANDOLPH L. CHRISMON, ESQ. |

---

BROWN KEENE & HALTEMAN
Court Reporters
P.O. Box 1538
Bangor, Maine 04402-1538

W I T N E S S  I N D E X


| | | Page |
|---|---|---|
| DEPONENT: Malcolm J. Rendell | | |
| Examination by: | Michael H. Cohen | 3 |
| | James A. Pinderski | 246 |
| | Edward DeLesky | 258 |
| | Randolph L. Chrismon | 275 |
| | Michael H. Cohen | 276 |
| | Bennet G. Kelley | 278 |
| | James A. Pinderski | 284 |
| | Michael H. Cohen | 284 |
| | Edward DeLesky | 285 |


INDEX OF EXHIBITS*


| No. | Description | Marked |
|---|---|---|
| 1 | May 25, 1959 memorandum from U. G. Stoeffler to R. M. Levy and R. A. Larson, stamped SA 028993 through 029000 | 74 |
| 2 | October 27, 1961 Allied Paper memorandum from U. G. Stoeffler to R. M. Levy, stamped SA 027740 and SA 027741 | 93 |
| 3 | November 7, 1961 Allied memorandum from P. H. Germann to U. G. Stoeffler | 98 |

INDEX OF EXHIBITS*


| No. | Description | Marked |
|---|---|---|
| 4 | Document captioned Allied Paper Corporation, Research And Development Department, Progress Report Number 1, dated August 24th, 1964, authored by U. G. Stoeffler, R. J. Willie and R. Randall, stamped SA 027717 through 027726 | 99 |
| 5 | Water Resources Commission memorandum dated October 18, 1966, from R. J. Courchaine to C. Harvey, stamped SA 011402 | 114 |
| 6 | November 22nd, 1966 Department Of Conservation letter from Robert Courchaine to E. J. Gilman, stamped SA 029146 | 116 |
| 7 | July 22nd, 1966 letter from the sales manager of the Industrial Starch Section of General Mills, addressed to Ray Willie of Allied Paper | 127 |
| 8 | November 23, 1966 letter from E. J. Gilman to Robert Courchaine, stamped SA 029145 | 130 |
| 9 | Series of documents beginning with stamp SA 029255 and ending with SA 029262, with an August 15th, 1967 cover letter from Chester Harvey to E. J. Gilman | 134 |
| 10 | August 18, 1967 letter from Loring F. Oeming to Harold Mattson, stamped SA 011385 | 138 |
| 11 | August 17, 1967 memorandum from Ralph Purdy to R. J. Courchaine, stamped SA 011386 | 142 |
| 12 | December 13, 1967 letter from Robert Courchaine to E. J. Gilman, stamped SA 011382 through 384 | 145 |

Q Was Mr. Stoeffler your immediate superior at all times you were working at Allied Paper?
A No.
Q Who else might have been your immediate superior?
A Ken Sweet.
Q And would that have been later on in time?
A Mm-hmm.
Q Do you recall about how many years Mr. Stoeffler had been your immediate superior beginning in 1966?
A Well, I started in '66. I would say maybe in '70, '71. I think five years or so.
Q All right. And thereafter Mr. Sweet?
A Yeah.
Q And did Mr. Sweet become your supervisor because he assumed Mr. Stoeffler's position, or did you assume a new position?
A I assumed a new position.
Q All right. Your position in 1966 with Allied Paper would have been what?
A I think it was the assistant manager up there in the technical department.
Q Okay. Mr. Stoeffler's position at that time?
A Would be manager of the department.
Q Did that department also get called the process department?

A It's possible. It's the same type.
Q And was that connected with the R & D Department; do you know?
A R & D was somewhat separate, but they both reported to Dr. Levy.
Q So this was actually a separate division?
A Yeah.
Q All right. When you began working for Mr. -- directly under Mr. Sweet in about 1971, what was your new position at that time?
A I believe I was a technical assistant to the production manager.
Q All right. And the production manager would have been Mr. Sweet?
A Mm-hmm.
Q And did you have any other positions other than those two between '66 and '71?
A Somewhere about '74 or so I became superintendent of the Mill C.
Q In '74, that was after?
A Yeah, somewhere in that. Still reported to Sweet.
Q But were there any positions that you held between '66 and '60 -- and '71, excuse me, other than the two positions that you've already told us about?
A No.

Q All right. And were there any other persons other than Mr. Stoeffler and Mr. Sweet that you had reported, to the best of your recollection?
A That would be the two that I actually reported to.
Q Okay. What year did you leave the employment of Allied Paper?
A '78, I believe.
Q All right. And you said 1974 you took -- you gained the position of superintendent of Mill C?
A Yeah, I believe so. Somewhere in that vicinity.
Q And Mill C's operation involved what?
A They had two paper machines there.
Q So a straight papermaking?
A Yeah.
Q There was no other type of pulp operation?
A No.
Q All right. Did -- was the paper manufactured in Mill C in 1974 manufactured solely from virgin fibers?
MR. KELLEY: Excuse me, could you read that question back?
(The Reporter read back the pending question.)
A No.
BY MR. COHEN:
Q All right. So other than virgin fibers, what other

type of fibers would have been used?
A I believe they would call it post consumer waste.
Q Post consumer you said?
A Yes. In other words, it going to maybe -- try to give you an example. We made, quote, fine paper, which is different from newsprint which is different from tissue. And sometimes because of the -- we would -- when they make envelopes for argument sake, the clippings, that would be waste paper, and we take their clippings and repulp it.
Q This would not have been paper, though, that was inked?
A Not normally, no.
Q What was the source of that -- strike that.
Was that paper pulped in Kalamazoo?
A It would be repulped in the mill, yes.
Q All right. And do you recall which mill that was repulped in?
A Probably Mill C.
Q All right. So there was your, for lack of a better phrase, run-of-the-mill hydrapulper in Mill C?
A Yeah.
Q And this waste paper was introduced to those hydrapulpers --
A Mm-hmm.

Q -- stock was created and you used that to make paper?
A Yeah.
Q You say not -- normally that paper would not be inked; is that correct?
A No, normally it would not be.
Q Because this was -- well, I just want to understand what the source of that waste paper would have been. You say it's called post consumer waste paper?
A Well, that's another -- because our envelope stock was sent to you, you made envelopes out of it --
Q An so when I trimmed it --
A -- and the waste paper we took it back or you sold it back to us.
Q So the seller of that waste stock would have been companies that Allied was selling finished product to?
A Not necessarily.
Q All right.
A Because you would have what they call waste paper manufacturers or sellers, and they may go to a bunch of small printing shops and take this paper back and then sell it to various mills.
Q Were there waste papers sellers in Kalamazoo?
A I don't know.
Q Do you recall the names of any of the companies?
MR. KELLEY: He said he doesn't know if

there were, so --

MR. COHEN: Well, that wouldn't mean he doesn't -- just because he doesn't know the location, doesn't necessarily mean he doesn't know the company.

A Normally they were out of Chicago, and they dealt with our purchasing department.

BY MR. COHEN:

Q Okay. But as mill superintendent -- Mill C superintendent, you didn't have to involve yourself in that?

A No.

Q All right. I'll bring you back to -- you said normally this would not be inked paper. In other words, it was Allied's expectation that this waste paper was not used in the sense that it had already been printed on.

A It would be what we call plain paper.

Q Now, was there any sorting process performed at Mill C to insure that the paper that was going into those pulpers was, in fact, what you described as post consumer waste paper?

A At times we did inspect this, yes.

Q At times you did? Was there -- okay.

A They'd come in bales. You'd have to break the bales down sometimes as you put it in the pulper, so you'd

automatically inspect it while you were doing that.
Q Okay. Do you recall what individuals while you were mill superintendent beginning in '74 had as one of their job responsibilities the inspection of these bales of waste paper?
A (Shaking head negatively)
Q I'm going to test your memory today, you know that.
A I'll say you're going to test my memory.
MR. KELLEY: That's a no for the record.
THE WITNESS: That's a no.
BY MR. COHEN:
Q In addition -- well, let me take you back to the orientation process that you described a little while ago or mentioned a little while ago. What, to the best of your recollection, did that orientation process involve when you first came to Allied?
A Basically how to get to the three mills, who was in charge.
Q Okay.
A Pulp -- grades of paper we made.
Q So you actually visited each of the three mills at that time?
A At one time or another, yes.
Q All right. Now, you began working out of Bryant, correct?

A Mm-hmm.
Q Where your job responsibilities at that time in 1966 limited to the Bryant Mill?
A Basically.
Q All right. And what were your original job responsibilities when you were employed by Allied?
Well, first of all, what was the name of your position at that time? I know you already told me.
A Assistant process manager.
Q Okay.
A What we'd be mainly concerned about was production problems, how to make the machines a bit more efficient, checking out some machine clothing we call it, pulp furnishes, retention, that sort of thing.
Q By retention are you referring to retention in a paper machine or retention --
A Retention on the paper machine as far as fiber is concerned, as far as filler is concerned.
Q Okay. The other use of the word retention that I'm a little familiar with is in terms of the de-inking operation at Bryant.
Were you also involved with the production -- strike that.
Were you also -- were your job responsibilities also concerned with production quotas and things of

this like with regard to Mill A?
A No.
Q All right. So was that, to your recollection, a responsibility of the process department?
A To my recollection I don't think so.
Q All right. Do you have any recollection as to who was responsible for the efficient running of Mill A?
A Yeah, the mill manager, but I can't remember his name.
Q All right. Did the process department also, in addition to concerning themselves with paper manufacturing, also concern themselves with the manufacture of pulp?
A That's almost the same question.
Q It kind of is and I'm not trying to trick you. I'm just actually trying to refresh your recollection better.
A I guess what I'm saying, Mike, I wasn't involved in Mill A that much, so I don't really know who -- how much Stoeffler and his group did over there.
Q All right. You say Stoeffler and his group. Was there -- did Mr. Stoeffler have a group apart from yourself?
A Well, he had his own group over in the King Division at that point in time --
Q All right.

SUPERIOR COURT OF NEW JERSEY
LAW DIVISION: UNION COUNTY

H.M. HOLDINGS, INC.,
THE GLIDDEN COMPANY & SMITH
CORONA CORPORATION,

Plaintiffs,

-v- Docket No.: L-96187-87

LUMBERMEN'S MUTUAL CASUALTY
COMPANY, et al.,

Defendants.
_____/

The deposition of MARION SHEEN taken before Sheryl Bussinger, (CSR - 1441), Certified Shorthand Reporter and Notary Public, at Gerger-Moretti Reporting, 520 Comerica Building, Kalamazoo, Michigan, on May 7, 1992, commencing at 9:00 á.m., pursuant to notice.

APPEARANCES

For the Plaintiffs:

MR. BENNET G. KELLEY
Howrey & Simon
1730 Pennsylvania Avenue, N.W.
Washington, D.C. 2006-4793

For the Defendant Continental Casualty:

MR. MICHAEL S. OLSAN
Connell, Foley & Geiser
85 Livingston Avenue
Roseland, New Jersey 07068

For the Defendant Lumbermens Mutual Casualty Co and American Motorists Insurance Company:

MR. DANIEL CUNNINGHAM
Tressler, Soderstrom, Maloney & Priess
200 West Adams Street
Suite 3000
Chicago, Illinois 60606

For the Defendant Home Insurance:

MR. MICHAEL H. COHEN
Morgan, Melhuish, Monaghan, Arvidson,
Abrutyn & Lisowski
651 West Mount Pleasant Avenue
Livingston, New Jersey 07039

For the Defendant Employers Insurance of Wausau:

MR. KARL V. VASILOFF
Zelle & Larson
University Office Park 111
95 Sawyer Road, Suite 500
Waltham, Massachusetts 02154

INDEX PAGE


| | |
|---|---|
| Examination by Mr. Cunningham | 4 |
| Examination by Mr. Vasiloff | 140 |
| Examination by Mr. Cohen | 147 |
| Examination by Mr. Olsan | 164 |
| Further Examination by Mr. Cunningham | 166 |
| Further Examination by Mr. Vasiloff | 173 |
| Further Examination by Mr. Olsan | 174 |
| Examination by Mr. Kelley | 175 |


EXHIBITS PAGE


Exhibit 1 - Diagram 50

Q Do you remember doing clean-ups before the clarifier?
A Yes.
Q And before the clarifier, they would hose things down like we just talked about?
A Yes, sir.
Q And would they do it the same way after the clarifier?
A Yes, sir.
Q Would the amount of water generated during this clean-up process ever cause the alarms to go off in the pump station?
A Yes, sir. Excuse me a second.
Q Sure. So during the clarifier, the amount of water in the pump house would increase -- strike that. During the clean-up, the amount of water in the pump house would increase, is that correct?
A Sometimes, yes, sometimes no.
Q What would determine it?
A If the machine, all of the machines hadn't dropped their water off the tanks, that could be a possibility they'd get too much.
Q Would all of the machines drop their water at the same time?
A No, sir, they would stagger them so it wouldn't all go in at the same time.

Q That was to prevent the water --
A Yes, sir.
Q -- from getting to such a great level?
A Yes, sir.
Q But at times the water would be at such a level that it would overflow, is that correct --
A Yes, sir.
Q -- into the creek, is that correct?
MR. KELLEY: Objection, calls for speculation.
A Well, I couldn't see it going into the creek. All I would know, I would hear the horn blowing and I knew the level was high. Whether it went into the creek or not, I do not know.
Q But it went into the overflow pipe that you saw?
A It would go into the pipe and the horn would blow. That's all I know.
Q Now you said that after working at Mill A you moved to Mill D, is that correct?
A Oh, yes.
Q Why did you move to Mill D?
A Because Mill A shut down.
Q Did you receive a promotion when you went to Mill D or were you at the same --
A Well, you might say so. I took a cut in wages.

Q And you started out as a broke beater?

MR. KELLEY: I'm going to have to object to all lines of questions about Mill D because it's after Mill A shut down and there was no PCB involved, no de-inking so it's entirely beyond the scope of this litigation.

Q You said you were a broke beater at Mill D?

A Yes, sir.

Q What does a broke beater do?

A Make broke.

Q What is broke?

A Broke is used paper.

Q How was this used paper generated?

A You mean how was broke made?

Q Yes.

A Broke is made on the paper machine, if the machine had a break and it hayed out.

Q What do you mean when you said it hayed out?

A Well, when they had a separation of fibers and it went round and round and round on the dryer.

Q Would the paper go out onto the floor?

A Yes, sir.

Q And then you would place that in the broke beater or someone would?

A Someone would place it in a shoot and it would come

down to the broke beater where I would put it into a broke beater and beat it up.

Q How would you beat it up?

A In a beater.

Q Would you have to add water?

A Yes, sir.

Q And chemicals?

A No chemicals, just water.

Q Just plain water. Would you apply heat to this material?

A No, sir.

Q What would happen to the material in the broke beater?

A As it got beat up fine enough, it would be pumped into a broke tank.

Q And what happened in the broke tank?

A Then as the machine needed broke, it would be drawed out of the broke tank so many marks, so many feet per order, depending on the order.

Q What is the difference between the stock contained in the broke tank and virgin stock?

A Virgin stock is paper that's made out of trees.

Q Is the fiber contained in the broke beater, wasn't that originally virgin stock?

A Yes, it was, but when it went through the Jordans, it

broke the fibers down so, therefore, it wasn't virgin stock anymore.

Q Does that mean it wasn't as good as virgin stock?

A Yes, sir.

Q But they would use this in the manufacturing process?

A Yes, sir.

Q What would determine how much broke stock they needed?

A Now that I don't know because that was the beater engineer's job.

Q Is there a difference between broke stock and de-inked stock?

A Yes, sir.

Q What's the difference?

A The difference is D-I stock is stock that's been made out of used paper. Now the broke is stock that's been made out of the recycled sulfide so to speak.

Q Is the only difference that the broke stock never had ink on it or is there another difference?

A Well, it didn't have ink on it. What it is it's used stock that come off of the paper machine, waste fiber so to speak.

Q When you worked at the broke beater, where in Mill D was that located?

A The broke beater was located right next to the creek.

That would be on the west side of the building.
Q Didn't the creek run right next to the building?
A The creek run underneath the building.
Q Why did they build the mill right on top of the creek?
MR. KELLEY: Objection. No foundation that he was there has been established.
A I don't know. I wasn't there.
Q But it was always like that when you were there?
A Yes, sir.
Q Did the broke beater ever overflow?
A Yes, sir.
Q What would cause that to happen?
A Then again, it got too full.
Q Would that be because of the negligence of --
A Yes, sir.
Q -- of the operator?
A Yes, sir.
MR. KELLEY: Objection. That's your characterization, not the witness'.
Q Where would the material go?
A On the floor.
Q And which floor did you say this was on?
A This was in the basement.
Q The beater was actually in the basement, too?

A Yes, sir.
Q What else was in the basement of Mill D?
A A lot of things.
Q Did they have hydropulpers?
A No, the hydropulpers were on the other end of the mill.
Q Did they have tanks in the basement?
A Yes, sir.
Q Used for various purposes?
A Yes, sir.
Q Did they have trenches in the floor of the basement?
A Yes, sir.
Q What were those trenches used for?
MR. KELLEY: Objection, no foundation.
A That I don't know. I can't remember now.
Q Did you ever see those trenches?
A Oh, sure.
Q And just to be clear, you worked in Mill D during the last approximately 20 years of your career?
A Yes, sir.
Q What material was contained in these trenches?
A Usually paper stock.
Q Where did the paper stock come from?
A Wherever it ran over from.
Q So if your broke beater overflowed, it would end up

in the trenches?
A Yes, sir, eventually.
Q Did they have pits like the ones in Mill A?
A Yes, sir, similar.
Q And would this overflow material accumulate in the pits?
A Yes, sir.
Q Can you describe the pits for us?
A Well, like a square hole five by five and ten foot deep.
Q How many of those pits did they have?
A That I cannot --
Q Were there more than ten?
A No.
Q Did they have pumps hooked up to these pits?
A No, sir.
Q What happened to the material after it entered the pits?
A It would be cleaned out on a wash-up.
Q How would they go about cleaning it out?
A With a hose.
Q Was there a drain in the bottom of the pit?
A No, sir.
Q How would material get out of the pit?
A We would wash it out.

SUPERIOR COURT OF NEW JERSEY
LAW DIVISION: UNION COUNTY

H.M. HOLDINGS, INC.,
THE GLIDDEN COMPANY & SMITH
CORONA CORPORATION,

Plaintiffs,

-v- Docket No.: L-96187-87

LUMBERMEN'S MUTUAL CASUALTY
COMPANY, et al.,

Defendants.

The deposition of FRANCIS SELLON taken before Sheryl Bussinger (CSR - 1441), Certified Shorthand Reporter and Notary Public, at Gerger-Moretti Reporting, 520 Comerica Building, Kalamazoo, Michigan, on July 23, 1992, commencing at 9:00 a.m., pursuant to notice.

APPEARANCES

For the Plaintiffs:

MS. LISA LATORRE
MR. JEFF LENSER
Howrey & Simon
1730 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-4793

For the Defendant Continental Casualty:

MR. MICHAEL S. OLSON
Connell, Foley & Geiser
85 Livingston Avenue
Roseland, New Jersey 07068

For the Defendant Lumbermens Mutual Casualty Co and
American Motorists Insurance Company:

MR. JAMES A. PINDERSKI
Tressler, Soderstrom, Maloney & Priess
200 West Adams Street
Suite 3000
Chicago, Illinois 60606

For the Defendant Wausau Insurance Company:

MS. CATHERINE M. COLINVAUX
Zelle & Larson
University Office Park 111
95 Sawyer Road, Suite 500
Waltham, Massachusetts 02154

For the Defendant Home Insurance Company:

MR. MICHAEL COHEN
Morgan, Melhuish, Monaghan,
Arvidson, Abrutyn & Lisowski
651 West Mt. Pleasant Avenue
Livingston, New Jersey 07039-1673

INDEX


| | PAGE |
|---|---|
| Examination by Mr. Pinderski | 4 |
| Examination by Ms. Colinvaux | 64 |
| Examination by Mr. Olsan | 70 |
| Examination by Mr. Cohen | 77 |


EXHIBITS


| | PAGE |
|---|---|
| Exhibit 1 - Map | 44 |
| Exhibit 2 - Petition | 55 |

A How long is the questioning going to last?

(Brief recess)

Q When you worked at the testing station, you said that what you were testing was finished product. Was that finished paper that had come off the paper machine or was it finished stock that came off the de-inking --

A No, it was the paper. Well, we did take -- no, that was not paper that was on the machine. Go ahead.

Q When you worked on the experimental hydropulper that was in the basement --

A No, it wasn't in the basement. It was on the main floor.

Q It was on the main floor, I'm sorry. When you worked on that experimental hydropulper, do you know how long that hydropulper had been operating before you started to work on it?

A Well, it hadn't been operated on. I mean, it hadn't been in operation.

Q So you were the first operator of that hydropulper?

A Yes.

Q Were you also the last operator of that hydropulper, if you know?

A One of the last, yeah. There was three of us working on it, different shifts.

Q After you stopped working on that hydropulper, did it

continue to operate?

A No, no, it went down.

Q Do you know whether any wet strength paper was used on that experimental hydropulper?

A Well, we did run wet strength, but I don't remember which hydropulper it was on.

Q What types of wet strength did you run?

A We broke up wet strength. We didn't run. You know what I mean?

Q No, I don't.

A Well, like if they run wet strength on the paper machine and they want to use it over, we put it in the hydropulper and it has to beat, I'd say, roughly three to five hours with Alum in there to break it up.

Q And this wet strength that you're talking about was wet strength that had been produced in the King Mill itself?

A Well, not necessarily. There was a spell there where we got some wet strength in. We didn't run too much in, not too long a period that we beat it up.

Q This was wet strength that you received as wastepaper?

A It was wastepaper, yeah.

Q What did that wet strength look like?

A Well, it was -- it looked like ledger is what it looked like. I don't remember whether it was coated or not. You know what wet strength is, don't you? It's like a matte paper and it runs it -- through the ordinary process by itself it won't beat up and as far as what it looked like, it's clear white paper, most of it, but there's no de-inking that I can remember to it. It's just breaking it up is the main thing.

Q Do you remember what period of time you ran this wet strength?

A I have no idea.

Q Was it something that you did the entire time that you worked as a hydropulper operator?

A It was put on -- it was put on overtime mostly because, like I say, if you take that time to run a batch of it out, you couldn't keep up with the paper machines.

Q But during all the years that you worked as a hydropulper operator, whether for the experimental hydropulper or for the nonexperimental hydropulper, did you at various times run wastepaper that was wet strength paper?

A I can't remember when we run it, but we did run it off and on but I can't remember. I really can't.

Q Do you know who ran the experimental hydropulper on the other shifts?

A No, I don't. I've forgot. Now I call it an experimental hydropulper. I don't -- because, like I say, it was after a new grade of paper so I don't know. I am just using that word experimental because it was experimenting to an extent. You know what I mean? To see if they could use -- make money on that particular grade of paper, you know. I call this they made it for the pocketbook magazines, you know, like that which is a cheaper grade of paper.

Q You said that both of the hydropulpers that you worked on you believed were five ton hydropulpers?

A It is around five ton I'd say.

Q Could you estimate the dimensions of those hydropulpers for me?

A I really wouldn't want to go into that because I'm very poor at estimating distances and dimensions.

Q Okay. Do you know what a de-foamer is?

A A de-foamer is a product to cut foam.

Q Did you ever use de-foamers in any of your work at Allied Paper?

A Only in the photograph we used a little alcohol to cut the foam.

Q This was when you were a coater operator and coater

helper?

A Photograph, yes.

Q Do you know the name or names of de-foamers that you used?

A The butane alcohol.

Q Did you ever use de-foamers in any of your other positions at the King Mill?

A Not in any of my positions, no.

Q Did you ever see any type of blue stain on the walls or floors or equipment anywhere in the King Mill?

A No.

Q Do you recall what year you bought your house on Cork Street?

A '49.

Q You mentioned that there was a safety committee that was appointed once a year at the King Mill?

A I believe it was once a year.

Q What did that safety committee do?

A I was never on it. I don't know. Talked about safety, I guess.

Q How did you know that it existed?

A Well, you know, every now -- I think -- there again, I am speculating, but I believe they went through the mill and inspected different things.

Q Do you know anyone who was on that committee?

SUPERIOR COURT OF NEW JERSEY
LAW DIVISION: UNION COUNTY

H.M. HOLDINGS, INC.,
THE GLIDDEN COMPANY & SMITH
CORONA CORPORATION,

Plaintiffs,

-v- Docket No.: L-96187-87

LUMBERMEN'S MUTUAL CASUALTY
COMPANY, et al.,

Defendants.
_____/

The deposition of MARION SHEEN taken before Sheryl Bussinger, (CSR - 1441), Certified Shorthand Reporter and Notary Public, at Gerger-Moretti Reporting, 520 Comerica Building, Kalamazoo, Michigan, on May 7, 1992, commencing at 9:00 a.m., pursuant to notice.

APPEARANCES

For the Plaintiffs:

MR. BENNET G. KELLEY
Howrey & Simon
1730 Pennsylvania Avenue, N.W.
Washington, D.C. 2006-4793

For the Defendant Continental Casualty:

MR. MICHAEL S. OLSAN
Connell, Foley & Geiser
85 Livingston Avenue
Roseland, New Jersey 07068

For the Defendant Lumbermens Mutual Casualty Co and American Motorists Insurance Company:

MR. DANIEL CUNNINGHAM
Tressler, Soderstrom, Maloney & Priess
200 West Adams Street
Suite 3000
Chicago, Illinois 60606

For the Defendant Home Insurance:

MR. MICHAEL H. COHEN
Morgan, Melhuish, Monaghan, Arvidson,
Abrutyn & Lisowski
651 West Mount Pleasant Avenue
Livingston, New Jersey 07039

For the Defendant Employers Insurance of Wausau:

MR. KARL V. VASILOFF
Zelle & Larson
University Office Park 111
95 Sawyer Road, Suite 500
Waltham, Massachusetts 02154

INDEX PAGE


| | |
|---|---|
| Examination by Mr. Cunningham | 4 |
| Examination by Mr. Vasiloff | 140 |
| Examination by Mr. Cohen | 147 |
| Examination by Mr. Olsan | 164 |
| Further Examination by Mr. Cunningham | 166 |
| Further Examination by Mr. Vasiloff | 173 |
| Further Examination by Mr. Olsan | 174 |
| Examination by Mr. Kelley | 175 |


EXHIBITS PAGE


Exhibit 1 - Diagram 50

Q Do you remember doing clean-ups before the clarifier?
A Yes.
Q And before the clarifier, they would hose things down like we just talked about?
A Yes, sir.
Q And would they do it the same way after the clarifier?
A Yes, sir.
Q Would the amount of water generated during this clean-up process ever cause the alarms to go off in the pump station?
A Yes, sir. Excuse me a second.
Q Sure. So during the clarifier, the amount of water in the pump house would increase -- strike that. During the clean-up, the amount of water in the pump house would increase, is that correct?
A Sometimes, yes, sometimes no.
Q What would determine it?
A If the machine, all of the machines hadn't dropped their water off the tanks, that could be a possibility they'd get too much.
Q Would all of the machines drop their water at the same time?
A No, sir, they would stagger them so it wouldn't all go in at the same time.

Q That was to prevent the water --
A Yes, sir.
Q -- from getting to such a great level?
A Yes, sir.
Q But at times the water would be at such a level that it would overflow, is that correct --
A Yes, sir.
Q -- into the creek, is that correct?
MR. KELLEY: Objection, calls for speculation.
A Well, I couldn't see it going into the creek. All I would know, I would hear the horn blowing and I knew the level was high. Whether it went into the creek or not, I do not know.
Q But it went into the overflow pipe that you saw?
A It would go into the pipe and the horn would blow. That's all I know.
Q Now you said that after working at Mill A you moved to Mill D, is that correct?
A Oh, yes.
Q Why did you move to Mill D?
A Because Mill A shut down.
Q Did you receive a promotion when you went to Mill D or were you at the same --
A Well, you might say so. I took a cut in wages.

Q And you started out as a broke beater?

MR. KELLEY: I'm going to have to object to all lines of questions about Mill D because it's after Mill A shut down and there was no PCB involved, no de-inking so it's entirely beyond the scope of this litigation.

Q You said you were a broke beater at Mill D?

A Yes, sir.

Q What does a broke beater do?

A Make broke.

Q What is broke?

A Broke is used paper.

Q How was this used paper generated?

A You mean how was broke made?

Q Yes.

A Broke is made on the paper machine, if the machine had a break and it hayed out.

Q What do you mean when you said it hayed out?

A Well, when they had a separation of fibers and it went round and round and round on the dryer.

Q Would the paper go out onto the floor?

A Yes, sir.

Q And then you would place that in the broke beater or someone would?

A Someone would place it in a shoot and it would come

down to the broke beater where I would put it into a broke beater and beat it up.

Q How would you beat it up?

A In a beater.

Q Would you have to add water?

A Yes, sir.

Q And chemicals?

A No chemicals, just water.

Q Just plain water. Would you apply heat to this material?

A No, sir.

Q What would happen to the material in the broke beater?

A As it got beat up fine enough, it would be pumped into a broke tank.

Q And what happened in the broke tank?

A Then as the machine needed broke, it would be drawed out of the broke tank so many marks, so many feet per order, depending on the order.

Q What is the difference between the stock contained in the broke tank and virgin stock?

A Virgin stock is paper that's made out of trees.

Q Is the fiber contained in the broke beater, wasn't that originally virgin stock?

A Yes, it was, but when it went through the Jordans, it

broke the fibers down so, therefore, it wasn't virgin stock anymore.

Q Does that mean it wasn't as good as virgin stock?

A Yes, sir.

Q But they would use this in the manufacturing process?

A Yes, sir.

Q What would determine how much broke stock they needed?

A Now that I don't know because that was the beater engineer's job.

Q Is there a difference between broke stock and de-inked stock?

A Yes, sir.

Q What's the difference?

A The difference is D-I stock is stock that's been made out of used paper. Now the broke is stock that's been made out of the recycled sulfide so to speak.

Q Is the only difference that the broke stock never had ink on it or is there another difference?

A Well, it didn't have ink on it. What it is it's used stock that come off of the paper machine, waste fiber so to speak.

Q When you worked at the broke beater, where in Mill D was that located?

A The broke beater was located right next to the creek.

That would be on the west side of the building.
Q Didn't the creek run right next to the building?
A The creek run underneath the building.
Q Why did they build the mill right on top of the creek?
MR. KELLEY: Objection. No foundation that he was there has been established.
A I don't know. I wasn't there.
Q But it was always like that when you were there?
A Yes, sir.
Q Did the broke beater ever overflow?
A Yes, sir.
Q What would cause that to happen?
A Then again, it got too full.
Q Would that be because of the negligence of --
A Yes, sir.
Q -- of the operator?
A Yes, sir.
MR. KELLEY: Objection. That's your characterization, not the witness'.
Q Where would the material go?
A On the floor.
Q And which floor did you say this was on?
A This was in the basement.
Q The beater was actually in the basement, too?

A Yes, sir.
Q What else was in the basement of Mill D?
A A lot of things.
Q Did they have hydropulpers?
A No, the hydropulpers were on the other end of the mill.
Q Did they have tanks in the basement?
A Yes, sir.
Q Used for various purposes?
A Yes, sir.
Q Did they have trenches in the floor of the basement?
A Yes, sir.
Q What were those trenches used for?
MR. KELLEY: Objection, no foundation.
A That I don't know. I can't remember now.
Q Did you ever see those trenches?
A Oh, sure.
Q And just to be clear, you worked in Mill D during the last approximately 20 years of your career?
A Yes, sir.
Q What material was contained in these trenches?
A Usually paper stock.
Q Where did the paper stock come from?
A Wherever it ran over from.
Q So if your broke beater overflowed, it would end up

in the trenches?
A Yes, sir, eventually.
Q Did they have pits like the ones in Mill A?
A Yes, sir, similar.
Q And would this overflow material accumulate in the pits?
A Yes, sir.
Q Can you describe the pits for us?
A Well, like a square hole five by five and ten foot deep.
Q How many of those pits did they have?
A That I cannot --
Q Were there more than ten?
A No.
Q Did they have pumps hooked up to these pits?
A No, sir.
Q What happened to the material after it entered the pits?
A It would be cleaned out on a wash-up.
Q How would they go about cleaning it out?
A With a hose.
Q Was there a drain in the bottom of the pit?
A No, sir.
Q How would material get out of the pit?
A We would wash it out.

SUPERIOR COURT OF NEW JERSEY
LAW DIVISION: UNION COUNTY

H.M. HOLDINGS, INC.,
THE GLIDDEN COMPANY & SMITH
CORONA CORPORATION,

Plaintiffs,

-v- Docket No.: L-96187-87

LUMBERMEN'S MUTUAL CASUALTY
COMPANY, et al.,

Defendants.
_____/

The deposition of RUDY WOLCHINA taken before Sheryl Bussinger, (CSR - 1441), Certified Shorthand Reporter and Notary Public, at Gerger-Moretti Reporting, 520 Comerica Building, Kalamazoo, Michigan, on March 2, 1992, commencing at 1:00 p.m., pursuant to notice.

GERGER-MORETTI REPORTING
Kalamazoo & Grand Rapids, MI
(616) 343-0118 & (800) 536-0804

APPEARANCES

For the Plaintiffs:

MR. LARRY D. ESPEL (not present)
Popham, Haik, Schnobrich & Kaufman
3300 Piper JaFfray Tower
Minneapolis, Minnesota 55402

MS. LISA L. LaTORRE
Howrey & Simon
1730 Pennsylvania Avenue, N.W.
Washington, D.C. 2006-4793

For the Defendant Continental Casualty:

MR. THOMAS P. LIHAN
Connell, Foley & Geiser
85 Livingston Avenue
Roseland, New Jersey 07068

For the Defendant Lumbermens Mutual Casualty Co and American Motorists Insurance Company:

MR. JAMES A. PINDERSKI
Tressler, Soderstrom, Maloney & Priess
200 West Adams Street
Suite 3000
Chicago, Illinois 60606

INDEX PAGE


| | |
|---|---|
| Examination by Mr. Pinderski | 4 |
| Examination by Mr. Lihan | 85 |
| Further Examination by Mr. Pinderski | 89 |
| Further Examination by Mr. Lihan | 90 |
| Further Examination by Mr. Pinderski | 90 |
| Further Examination by Mr. Lihan | 91 |
| Examination by Ms. LaTorre | 92 |
| Further Examination by Mr. Pinderski | 92 |
| Further Examination by Mr. Lihan | 93 |


EXHIBITS PAGE


Exhibit 1 - Map 18

A No.
Q Did you obtain any postgraduate training, take any classes?
A Nothing formal.
Q So nothing related to, let's say, a university?
A No.
Q And would the informal training that you speak of been in things that you would have undertaken at Allied Paper?
A Yes.
Q Could you tell me what the first job you had was after you graduated from college, sir?
A Well, I was working at the mill when I was in college.
Q Okay.
A I worked the night shift so I could go to school days and that was in the finishing room.
Q Then do you recall the period of time you worked there what years you would have worked there while you were going to school?
A Well, I started in '56 so I graduated in '57 so it was a year or so.
Q After you graduated from K College, you went to work for Allied Paper?
A I stayed there, yes.
Q When you began working for Allied Paper, were you also

working in the finishing room as you had when you were --

A Oh, yeah, yeah.

Q What did you do in the finishing room?

A Loaded cutters.

Q And what does that job entail exactly?

A You bring rolls of paper up to a cutter, that's where they sheet a roll of paper and put it in, numerous rolls in, depending on the order, and they sheet it to whatever size the customer wants.

Q And you did this when you were still in college?

A Yes.

Q And this is a job you did after you graduated?

A Right.

Q How long did you work in the finishing room?

A Things get a little sketchy back that far. I really don't know what year where I made a break from one job and went to another, but it was all at the King Mill for a good ten years or so.

Q You say a good ten years or so you spent at the King Mill?

A Yeah. The mill went down in '72, I think.

Q Would you say you spent five years at the finishing room in the King Mill?

A I couldn't be specific, but it was a while.

Q A number of years then?
A Yes.
Q Where was the finishing room located at the King Mill?
A The paper machines were on Lake Street. They were close to each other. There were two machines coming in from each end and we had an east wing and west wing and the finishing room was kind of right down the middle going from the paper machine room towards the north.
Q What was in the east wing?
A That was all the equipment that took care of the number one and two paper machines, the hydropulper and stuff for that.
Q When you say equipment that took care of the paper machines, are you talking about equipment that would have fed the paper machines?
A Yes, the Georgian that chewed stock up to the right length for whatever order they were running.
Q And you mentioned there would have been a hydropulper in that room as well?
A Yeah.
Q Was there more than one hydropulper?
A There were a number of them depending on what the -- where the paper was coming from.
Q Would there have been more than one hydropulper feeding each paper machine?

A No, because the hydropulper -- well, we had broke pulpers that the finishing room put things in and then that was dispersed to other areas of the mill, other tanks, holding tanks.
Q What is a broke pulper exactly?
A Normally it was a smaller pulper than the big ones for the paper machine because it took less quantity of broke.
Q What is broke?
A Wastepaper off the paper, the process, shavings, when you tear down a roll to get rid of dirt, imperfections that went into the broke pulper.
Q Where did this broke go once it had been pulped in the finishing room?
A Probably to holding chests that we used later on in the process again.
Q So within the broke pulper -- was the broke liquefied --
A Yeah.
Q -- in some way?
A Yeah. You add water to it and break it up again so it's fibers once more.
Q Would you add anything else outside of water?
A No.
Q What type of training did you undergo to work in the finishing room?

A No training, other than what they gave you on the job that this is your job, this is how you do it.
Q Okay. So there were no handbooks or manuals?
A No.
Q How big was the finishing room?
A Maybe 50 feet by 150 -- well, wait, that would only be the cutter area. The finishing room was -- it was a large, large facility because we had trimmers in there. There was room for sorters. We had some extraneous equipment, sealing machines and stuff so it was a big, big area.
Q And you mentioned trimmers. What exactly do trimmers do?
A After the paper comes out of the cutter, they pile it up onto a skid and then the trimmer cuts it with a nice smooth cut on all four sides so the -- it would be the exact size that the printer wanted.
Q When you say printer, does that mean a customer of Allied Paper?
A Yes.
Q And what does a sorter do?
A If they find imperfections someplace in the operation where it's already in sheets, the sorter would go through the whole skid and take out whatever imperfections they were talking about.

Q When you say take out imperfections, would that mean they would take out part of a roll, a finished roll?
A No, the sorter works on sheets, only sheets. They would go through the skid sheet by sheet and remove the sheet of paper that has the imperfections in it.
Q Okay. And where would that sheet go? Would that go to the broke pulper?
A That would go back to the broke.
Q What other activities were going on in the finishing room outside of the ones we've mentioned here?
A We had sealing machines that they cut eight-and-a-half by eleven sheets, reams of paper, and it went through the sealing machine and they would individually wrap each ream of paper. That was in the finishing area.
Q Anything else?
A Well, they wrapped skids there, the finished skid before it went to the customer. It was wrapped in the same area.
Q Did you have to wear any protective gear, safety goggles, anything along those lines during your job?
A No.
Q Did you have to fill out any reports in connection with your job, production reports, anything along those lines?
A Not in finishing, no.

7

MILLENNIUM HOLDINGS, INC.
KALAMAZOO RIVER MEDIATION

REFERENCED DOCUMENTS RE:
QUESTION NO. 7

Abbey Paper Stock Company
1300 Pine Street
Camden, New Jersey 08103

| | |
|---|---|
| Acme Waste Products, Inc.<br>4801 Chaincraft Rd.<br>Cleveland, Ohio 44125 | Frank Tavens |
| Aetna Waste Paper Co.<br>4301 Southwestern Blvd.<br>Chicago, Illinois 60609 | Al Fox |
| Albany Paper Grading Co.<br>1011 So. California Ave.<br>Chicago, Illinois 60612 | Jerry Golden |
| American Paper Stock Co.<br>320 West Michigan St.<br>Indianapolis, Indiana | Richard Weisenflu |
| Ash Trading Corp.<br>PO Box 908<br>Albany, New York 12201 | Al Kirsch |
| Atlanta Intercel<br>1240 Stewart Ave. S/W<br>Atlanta, Georgia 30310 | Harold Vander Kley |
| Austell Box Board<br>PO Box 157<br>Austell, Georgia 30001 | Bob Prillaman |

KA05800161

Wren
EXHIBIT NO. 3
7-7-92
P MORETTI

B & J Services, Inc.
3535 E. 14th St.
Los Angeles, California

Art Kazarian

Buffalo Paper Stock Co., Inc.
25 Hardwood Place
Buffalo, New York 14210

Haskell Stovroff

Butler Paper Co.
1238 Windsor Rd.
Suffolk, Virginia

Mr. Butler

KA05800162

KA05800162

Capitol Waste Paper Co. — Hyman Lipsitz
1962 Trombly Ave.
Detroit, Michigan 48211

Cassone Paper Stock Co. — Anthony Cassone
236 Wolcott St.
Brooklyn, New York 11231

Castle & Overton, Inc.
630 Fifth Avenue
New York 20, New York

Central Iron & Metal Co. — Joe Winekoff
2455 Elston Avenue
Chicago, Illinois

Champlain Paper & Iron Co.
PO Box 2601
Station "B"
Toledo 6, Ohio

Clark's Disposal Service
603 South 12th St.
Mt. Vernon, Illinois

Cleveland Paper Packing Co.
2670 East 51st St.
Cleveland 4, Ohio

Columbus Waste - Attn: Maurice Schnecter
(See Urbana Paper)

Consolidated Fibres — Richard Stovroff
1800 Peralta St.
Oakland, California 94623

Continental Paper Grading Co. — Sam Epstein
1623 Lumber St.
Chicago, Illinois 60616

KA05800163

KA05800163

Dayton Waste Material Co. — Al Kaplan
319 E. Mound Ave.
Miamisburg, Ohio 45342

David M. Dickson Co.
6801 Wissinoming St.
Philadelphia, Pa. 19135

District Paper Stock Co., Inc. — Murray Kay
2115 Bryant St. N/E
Washington, D. C. 20018

[redacted]

Donnelley & Sons, Co.
2223 South Parkway
Chicago 16, Illinois

Dreyfuss Paper Stock Co. — Don Hofacker
847 E. Crosstown Parkway
Kalamazoo, Michigan 49006

KA05800164

KA05800164

Elam Paper Converters, Inc.
Allegan, Michigan

Empire Trading Corporation Don Silverstein
49 Summit Ave.
Summit, New Jersey 07901

[redacted]

KA05800165

KA05800165

| | |
|---|---|
| Federal Paper Stock Co.<br>4810 McKissock Ave.<br>St. Louis, Missouri 63147 | Gene Cherak |
| Fibres, Incorporated<br>1200 Harger Rd.<br>Oak Brook, Illinois 60521 | Bob Kennedy |
| Fisher-Graff Iron & Metal Co.<br>516 East North St.<br>Kalamazoo, Michigan | Herman Fisher |
| James Flett Organization, Inc.<br>20 North Wacker Drive<br>Chicago, Illinois 60606 | |
| Fort Wayne Waste Paper Co.<br>2700 Dwenger Avenue<br>Fort Wayne 2, Indiana | Jack Winter |
| Friedland Iron & Metal Co.<br>302 East Maple St.<br>Lansing, Michigan 48905 | Bernard Friedland |

KA05800166

KA05800166

| | |
|---|---|
| Gaby Iron & Metal Co.<br>26th St. & East End Avenue<br>Chicago Heights, Ill. | Lou Gaby |
| General Mill Supply Co.<br>189 Vinewood Ave.<br>Detroit, Michigan 48216 | Milton Rotenberg |
| General Paper Stock Co.<br>Seventh Carr Street<br>St. Louis, Missouri 63101 | Harold Tourville |
| J. Golpher & Co.<br>425 S. Bound St. PO Box 771<br>Appleton, Wisconsin | |
| S. Gordon & Sons, Inc.<br>1727 S. Stewart Ave.<br>Chicago 16, Illinois | Ben Gordon |
| Great Lakes Paper Fibres Inc.<br>PO Box 663<br>Buffalo, New York 14240 | Owen Murray |
| Greenspon Paper Stock Co.<br>608 E. 40th St.<br>Chicago, Illinois | |
| Grossman & Sons, Inc.<br>1960 South Fourth St.<br>Columbus, Ohio | |

KA05800167

KA05800167

Huron Paper Stock
2534 Fulton St.
Chicago 12, Illinois

[redacted]

KA05800168

KA05800168

International Cellulose, Inc.
520 North Michigan Ave.
Chicago, Illinois 60611

Gerard Moran

KA05800169

KA05800169

Perry H. Koplik & Sons, Inc.
654 Madison Ave.
New York, N. Y.

Krell Paper Stock Co. Robert Krell
580 Burton St. S/W
PO Box 7013
Grand Rapids, Michigan 49507

[redacted]

KA05800170

KA05800170

*From the desk of*
L. R. SCOTT

Lansky Sons & Metz
1100 N. Main St.
Ann Arbor, Mich

KA05800171

KA05800171

| | |
|---|---|
| Levine Waste Paper Company<br>1000 Stephenson Bldg.<br>Detroit, Michigan 48202 | |
| Liberty Scrap Material Inc.<br>1258 Knowlton St.<br>Cincinnati, Ohio | Ted Liebowitz |
| S. Lisner & Sons<br>417 W. Liberty<br>Cincinnati, Ohio | Stanley W. Lisner |
| Lissner Paper Grading Co.<br>1050 N. North Branch St.<br>Chicago, Illinois 60622 | Myer Lissner |

[redacted]

KA05800172

KA05800172

Martin Brothers
289-299 Hinkley Street
Benton Harbor, Michigan

Mead Pulp Sales, Inc.
200 Park Ave.
New York 17, N. Y.

Melrose Paper Company, Inc.
16th & Wood Sts.
Philadelphia 2, Penna.

Meredith Printing
Box 1394
Des Moines, Iowa 50308

Mervis Iron & Metal Co.
329 East Harrison St.
Danville, Illinois

Michigan Paper Stock — Herb Zimmerman
29350 Southfield Rd.
Southfield, Michigan 48075

Monroe Scrap Material Co.
1204 E. 3rd St.
Monroe, Michigan

[redacted]

KA05800173

KA05800173

Niles Waste Paper Co.
853 North Front St.
Niles, Michigan 49120

Bernard Berman

North American Paper Co.
PO Box 7812 - Station G
Columbus, Ohio 43207

North Shore Waste Paper Co., Inc.
53 Jefferson Ave.
Salem, Massachusetts

[redacted]

KA05800174

KA05800174

The Oco Waste Paper Co.
311 Prospect Ave.
Cleveland 15, Ohio

C. H. Oscarson & Co.
466 Center Avenue
Northfield, Illinois 60094

Fred Oscarson

KA05800175

KA05800175

Penn Paper & Stock Co.
1112 Washington Ave.
Philadelphia 47, Penna.

Pennsylvania Paper Stock Co.
2737 Penn Ave.
Pittsburgh 22, Penna.

Peoples Iron & Metal Co. — Harold Dray
5831 South Loomis Blvd.
Chicago, Illinois 60636

Pioneer Paper Stock Co. — Ray Frainey
900 N. Ogden Ave.
Chicago, Illinois 60690

Pioneer Paper Stock Div. — Charles Kupferschmidt
Container Corporation of America
333 Lycaste
Detroit, Michigan 48214

Pioneer Paper Stock Co. — Harry Lisk
419 East Frank St.
Kalamazoo, Michigan 49007—
(Lima - send to Kzoo)

KA05800176

KA05800176

Riverside Industrial Materials Co. Geo. Silver
214 South 35th St.
PO Box 771
Bettendorf, Iowa 52722

[redacted]

Rothenberg Brothers & Co., Inc.
9525 Woodland Ave.
Cleveland, Ohio 44104

Royal Paper Stock Co. Jack Bauer
700 Bryden Rd.
Columbus 15, Ohio

KA05800177

KA05800177

Sabco International Corporation
2330 Westwood Blvd.
Suite 205
Los Angeles 64, Calif.

Sanders Paper Stock Co.
814 S. 14th St.
Louisville 10, Kentucky

✓ Sangamon Paper Grading Co., Inc. Abe Cohen
2600 W. Roosevelt Rd.
Chicago, Illinois 60608

The Shamrock Co. Wm. Firestone
No. 1 Convent St.
St. Louis, Missouri 63104

✓ J. Solotken & Co., Inc. Harry Katz
101 South Harding St.
Indianapolis 6, Indiana

✓ Southeastern Paper Stock Co. James Gleeson
1575 Line St.
Decatur, Georgia 30032

Standard Paper Grading Co.
6229 South Hoyne Ave.
Chicago, Illinois 60636

✓ Stern Waste Paper & Iron Co. George Stern
Post Office Box 43
Racine, Wisconsin

The I. V. Sutphin Co. James Johnston
2015 Union Central Building
Cincinnati, Ohio 45202

✓ [illegible] Paper Stock Co., Inc. [illegible]
[illegible]
[illegible], Alabama 34233

KA05800178

KA05800178

CORRUM 8

Tension Envelope Corporation
19th & Campbell Street
Kansas City, Missouri 64108

✓Thomas Paper Company George Brown
100 E. Ohio St.
Chicago, Illinois 60611

Thomas Paper Stock Co.
351 Helen St.
Otsego, Michigan (Send to Chicago)

The Toledo Paper Stock Co.
1309-19 LaGrange St.
Toledo, Ohio 43608

Tower Transit, Inc.
1455 South Newberry
Chicago, Illinois 60608

KA05800179

KA05800179

U. S. Paper Supply Company
600 South Michigan Ave.
Chicago, Illinois 60605

Urbana Paper Stock Co. ) Maurice Schnecter
322 West Court St. )
Urbana, Ohio 43078 ) SEE NORTH AMERICAN
Send All Correspondence to:
Urbana Paper Stock Company
Box 4336, Station "G"
Columbus 7, Ohio

[redacted]

KA05800180

Victor Mill Supply Company
6 North Michigan Ave.
Chicago, Illinois 60602

Jerry Berensweig

Von Hoffmann Press, Inc.
1000 Camera Avenue
St. Louis, Missouri 63126

KA05800181

KA05800181

Waste Paper Utilization Council
122 East 42nd St.
New York, New York

Weisman Brothers Co. — Max Weisman
1811 Lake Street
Kalamazoo, Michigan

West Coast Paper Stock, Inc. — Sidney Michelson
2211 East Washington Blvd.
Los Angeles 21, Calif.

West Pullman Iron & Metal Co.
11954 South Peoria St.
Chicago 43, Illinois

Winter Paper Stock Co. — Ken Winter
3800 St. Clair Avenue
Cleveland 14, Ohio

KA05800182

KA05800182

M. P. Zaransky & Sons
5807 South State St.
Chicago 21, Illinois

Howard Zuker Associates
166 East Superior Street
Chicago, Illinois 60611

Frank Vantreporte

[redacted]

KA05800183

KA05800183

SUPERIOR COURT OF NEW JERSEY
LAW DIVISION: UNION COUNTY

H.M. HOLDINGS, INC.,
THE GLIDDEN COMPANY & SMITH
CORONA CORPORATION,

Plaintiffs,

-v- Docket No.: L-96187-87
VOLUME II

LUMBERMEN'S MUTUAL CASUALTY
COMPANY, et al.,

Defendants.
_____/

The continued deposition of ULYSSES STOEFFLER taken before Sheryl Bussinger, (CSR - 1441), Certified Shorthand Reporter and Notary Public, at 2615 Bronson Boulevard, Kalamazoo, Michigan, on March 10, 1992, commencing at 1:00 a.m., pursuant to notice.

GERGER-MORETTI REPORTING
Kalamazoo & Grand Rapids, MI
(616) 343-0118 & (800) 536-0804

APPEARANCES

For the Plaintiffs:

MR. LARRY D. ESPEL
Popham, Haik, Schnobrich & Kaufman
3300 Piper JaFfray Tower
Minneapolis, Minnesota 55402

MS. WENDY M. ANDERSON
Howrey & Simon
1730 Pennsylvania Avenue, N.W.
Washington, D.C. 2006-4793

For the Defendant Continental Casualty:

MR. EDWARD DeLESKY
Connell, Foley & Geiser
85 Livingston Avenue
Roseland, New Jersey 07068

For the Defendant Lumbermens Mutual Casualty Co and American Motorists Insurance Company:

MS. JUDITH FOURNIE HELMS
Tressler, Soderstrom, Maloney & Priess
200 West Adams Street
Suite 3000
Chicago, Illinois 60606

For the Defendant Employer's Insurance of Wausau:

MS. CATHERINE M. COLINVAUX
Zelle & Larson
University Office Park 111
95 Sawyer Road, Suite 500
Waltham, Massachusetts 02154

INDEX PAGE

Examination by Ms. Helms 83

EXHIBITS PAGE

Exhibit 1 - 3-4-92 Fax from James Pinderski to Wendy Anderson 82

Q And what was your function at de-inking in the King Mill at that time?
A Well, I was -- I was the head of the de-inking mill at one time. I can't remember exactly when this came about, but --
Q By head, do you mean supervisor?
A Yes, ma'am.
Q Okay.
A I was the top man in the de-inking mill.
Q For how many years did you hold that position at King?
A I was afraid that you would ask that. I really don't know. I really don't know.
Q Okay.
A I would say that it was a few years. I can't recall exactly how long.
Q To whom did you answer when you were supervisor of de-inking at King Mill?
A Well, first and foremost, I answered to the general superintendent of the mill, which is Joe Dennany -- not Joe Dennany, no, Bud Horrocks. Harry Horrocks is his real name.
Q As supervisor of the de-inking mill at King, what were your duties?
A Well, they were kind of many fold. I would take care of -- first I had personnel. I had personnel working

under me. I can't recall how many, maybe ten or more. And I had to supervise them and then as the time would come, why, I would see about some quality control as far as the incoming paper stock was concerned.

Q And as you supervised quality control for incoming paper stock, was there anything different about what you were looking for than what you described for us the first time that you were at King and you were involved with some quality control?

A Oh, yes, it always changed because these rascals, I mean, that send you the paper, the stock, you know, they can change -- they can change contaminants. They had God awful, I mean, means of changing the paper stock for plastics and non-, oh, I'd say chrome coated. That was typical of that, I mean, some materials in it that would not break up in the de-inking process.

Q Do you know, sir, when you received this wastepaper so that it could be de-inked, do you know how that procurement was done of that paper?

A Our purchasing department.

Q Did that involve you?

A Sometimes, yes. I mean, if there would be something in the paper stock that was objectionable, they would bring it to me and I would reject it. Well, we might reject a whole car load sometimes.

Q Did you have -- did you, I mean Allied, have a description of the type of paper, wastepaper stock that you wanted that you gave to the suppliers and they were supposed to conform to that?
A Yes, we did.
Q How did you describe what you wanted?
A Well, we had -- we'd have a list. Of course, we'd have to keep that up-to-date all the time because it would change, I mean. These guys would change, I mean, the raw materials that they would bring in and so we'd have a list that would be for Bolton, you know, and --
Q Well, other than -- I'm sorry.
A And we listed that.
Q Other than having a list of things that you would not find acceptable, did you also have a list or description for what you did consider acceptable for wastepaper stock?
A No, no, you don't do that really.
Q It's just whatever paper they send to you minus the unacceptable list?
A Yeah, we got paper stock from Chicago and Detroit and some other places in the Midwest that were our principal sources and I made -- I made trips to all of these suppliers, not all of them but, I mean, I'd say maybe once or twice a year I'd make a trip to the suppliers

and give them hell for what they were sending us, tell them what they couldn't send to us because, you know, those guys are crafty.

Q Did you have carbon paper on your list of paper not to be sent?

A You mean carbon paper, you're talking about the one time carbon or are you talking about the carbonless?

Q Right now I am talking about the carbon paper meaning one time.

A That you put in office supply?

Q Yes. Was that a problem paper for de-inking?

A Yes.

Q And what were the other problem papers generally?

A Oh, heavens, I can't enumerate them all, but they were some glossy inks were not -- were no good and, oh, heavens, ma'am, I'm sorry, but I can't enumerate them all right now, but principally it was -- it was the stuff that you all see in your magazines, you know. Magazines have changed and they put in plastic and they put in every kind of material in the pages and that's no good so we'd have to tell them -- we'd update our list whenever we'd go to our suppliers. We'd go there for some specific reason sometimes.

Q When did you first become aware of a product called no carbon required paper or the National Cash Register

carbonless paper, that product?
A I can't recall. But for a long time, I mean, when I was in the de-inking mill, yes, you could tell it by the smell.
Q At the time you were in the de-inking mill at King, was that no carbon required paper one of the papers on the verboten list?
A Yes, ma'am. You have got to be specific. You mean the National Cash Register are you talking about?
Q Yes. Is that what you were talking about?
A Yes, NCR.
Q Yes. Okay. And what were the problems with the de-inking operation that were caused if you went ahead and used the NCR paper for de-inking?
A Well, I could say that we never used it, but it would just show as a contaminant and when you would pulp it up, why, I mean, into a hand sheet, that's what we call a hand sheet, which is something that you just made -- pulped up the paper and then you put it into a filter and just got the carbon mat -- I mean got the paper mat and you could easily tell it by putting it up to a light or sometimes you could just look and tell there were specials in there that were from some kind of contaminant.
Q When you were the supervisor of the King de-inking

operation, how were the instructions given to the paper sorters in terms of what paper they should pull out as unacceptable or verboten paper?

A Well, I'll tell you one time we had about four women on the line that would -- we had -- we had paper -- paper would come up where they'd dump it onto this traveling belt and at that point they would look through it, page through it and they could -- they would take out the contaminant and we'd tell them ahead of time or if something came up that they didn't know about, they would ask us.

Q So they were trained by the company?

A Of course.

Q Who was their -- I'm sorry.

A By the way, I mean, aside, well, we got a lot of stamps that were not canceled and I kept our family in stamps for quite a while.

Q All right. Who was the or what position was the immediate supervisor over the sorters?

A Well, we had one supervisor that was in the sorting room and we had three of those. One was -- I can't remember all of them right now, but they were responsible to me, but they would take care of -- I mean, see about the women or would update our, I mean, the contaminant paper that would he verboten or so forth and we had one on

each tower. I mean, I have to explain tower means shift.

Q From time to time, you added types of paper to the verboten list?

A Oh, yes.

Q As you learned about additional problems?

A Surely.

Q Did you ever take paper that was on the verboten list that was known to be unacceptable to you and change your mind about it and decide it was acceptable?

A Well, you have to understand how we would determine this. It depends upon what it is, if it is, I mean, glossy inks and so forth like that, if it wasn't a very -- a particular grade.

Q With regard to the NCR paper that was on the unacceptable or verboten list, did your opinion of that ever change so that it became an acceptable paper for de-inking?

A No, ma'am, not to my knowledge.

Q In addition to the de-inking operation at King, did you supervise any of the other operations during that second assignment there?

A Not really, no. I was -- I was in charge and responsible for the de-inking operation. That went from the raw stock to incoming paper all the way down to the

finished product of the DI stock. That went through screens and cleaning and screening and everything else like that.

Q By the time that you returned to the King Mill for this second assignment there, had the clarifier been placed in operation?

A Oh, yes.

Q And during that period at King Mill, the second time you were assigned there, did the waste water and waste liquids and effluent from the King Mill, did that all flow to the clarifier?

A Yes, ma'am.

Q And was the system --

A I mean, not directly, of course, but, I mean, ultimately, yes, sure.

Q So it was piped to a central location and then piped into the clarifier --

A Yes, ma'am.

Q -- everything from the King, all right.

A It is cold up there. It's cold as hell up there on those clarifiers in the wintertime. Man, oh, man, you think it's cold here, you ought to stand on top of a 110-foot clarifier and have the wind blow because usually that's up high. You were up 15 foot high at least.

Q Where was the sludge from the King clarifier pumped to? Were there sludge beds somewhere?
A Yes, ma'am.
Q Where were they?
A They were, I mean, adjacent and to the -- well, sometimes they were a little distance away, but, I mean, you know, when we needed more room for sludge beds, why we'd have to make some new ones. And they went all the way out to -- oh, I can't recall exactly the street, but it went quite a ways, you know. Lake Street curves around there and there were sludge beds there, too.
Q Now you described for us yesterday how the clarifier worked that was situated at the Monarch Mill. Can you tell us, sir, whether the clarifier at the King Mill worked in the same manner?
A Yes, ma'am, they were all what we called Dorr clarifiers, Dorr thickeners or Dorr clarifiers, D-O-R-R.
Q Dorr being the manufacturer?
A Yes, ma'am.
Q Was the effluent monitored at the King clarifier by use of a weir for flow?
A Oh, yes.
Q Was it also monitored for quality by testing between the point where the weir was located and the clarifier?
A You mean influent or effluent?

R. M[illegible]vy

W. D. Harrison

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 & 1959 | | | | | | | | | | | | |
| 12/29 | 100,100 | 6,050 | 120,900 | | 6.90 | | | | | | 226.3 | 69.7 |
| 12/30 | 96,500 | 5,960 | 97,500 | 26,200 | 6.50 | | | | | | 224.9 | 70.3 |
| 1 | | | | | | | | | | | 183.9 | 71.8 |
| | | | | | | | | | | | 186.3 | 70.2 |
| | | | | | | | | | | | 164.4 | 67.2 |
| | | | MILL DOWN | | | | | | | | | |
| | 98,300 | 6,005 | 109,200 | 26,200 | 6.70 | | | | | | 197.1 | 69.8 |

NOTE: King tank drain valve open every day except Monday.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 92,100 | 5,960 | 63,400 | | 5.84 | 21,400 | 0 | | -- | | 138.7 | 71.2 |
| 12/30 | 97,800 | 6,650 | 58,300 | 18,630 | 5.59 | 18,650 | 0 | 11,390 | -- | -- | 128.0 | 69.8 |
| 12/31 | | | | | 8.53 | | | | | | 123.9 | 65.1 |
| 1/1 | | | | | ~~8.53~~ | | | | | | 147.6 | 67.1 |
| 1/2 | | | | | 6.00 | | | | | | 172.6 | 66.4 |
| 1/3 | | | MILL DOWN | | | | | | | | | |
| | 94,950 | 6,305 | 60,850 | 18,630 | 5.19 | 20,025 | 0 | 11,390 | | | 142.2 | 68.0 |

SCM CONFIDENTIAL

SA 035188

R. [illegible] vy

W. D. Harrison

SCM CONFIDENTIAL

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | |
| 12/22 | 71.500 | 6,500 | 127,800 | 6.50 | | | 221.3 | 70.6 |
| 12/23 | | | | 6.50 | | | 254.6 | 64.0 |
| | | DOWN | | -- | | | 53.6 | 69.8 |
| | | DOWN | | -- | | | -- | -- |
| | | | | 6.92 | | | 195.1 | 69.8 |
| | | | | 6.84 | | | 228.7 | 71.2 |
| | 71.500 | 6,500 | 127,800 | 6.69 | | | 190.6 | 69.1 |
| 2 | 89,600 | 10,900 | 78,800 | 5.56 | 18,500 | 0 | 144.3 | 68.1 |
| 12/23 | | | | 5.75 | | | 149.4 | 71.7 |
| 12/24 | | DOWN | | -- | | | -- | -- |
| 12/25 | | DOWN | | -- | | | -- | -- |
| 12/26 | | | | 5.50 | | | 165.8 | 69.4 |
| 12/27 | | | | 5.53 | | | 99.4 | 73.8 |
| | 89,600 | 10,900 | 78,800 | 5.58 | 18,500 | 0 | 139.7 | 70.8 |

R. M[illegible]vy

W. D. Harrison

**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | |
| 12/15 | 98,000 | 7,300 | 111,000 | | 7.00 | 173,500 | 18,100 | | | 211. |
| [illegible] | 109,700 | 7,880 | 122,500 | 40,500 | 7.00 | 121,300 | 14,880 | 53,800 | | 226. |
| | 113,000 | 11,280 | 127,000 | 44,800 | 6.92 | 88,100 | 5,180 | 37,800 | | 231. |
| | 108,500 | 9,190 | 139,200 | | 6.68 | | | | | 247. |
| | 82,200 | 7,850 | 135,500 | | 6.50 | | | | | 213. |
| | | | | | 6.50 | | | | | 153 |
| | 102,300 | 8,700 | 127,040 | 42,650 | 6.77 | 127,600 | 12,720 | 45,800 | | 214 |

** spot samples--at King poor waste treatment operations cause the exceptionally high results.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 105,800 | 6,770 | 87,400 | | 5.24 | 28,000 | 328 | | 153.3 | 71.3 |
| 12/16 | 99,100 | 9,125 | 85,000 | 40,800 | 6.00 | 29,000 | 1,000 | 24,600 | 182.4 | 74.8 |
| 12/17 | 94,000 | 10,150 | 59,400 | 33,000 | 5.94 | 19,800 | 618 | 19,050 | 172.0 | 73.8 |
| 12/18 | 89,000 | 9,450 | 72,400 | | 5.80 | 7,740 | 0 | | 178.0 | 71.4 |
| 12/19 | 100,500 | 8,910 | 73,100 | | 5.48 | | | | 154.2 | 69.2 |
| 12/20 | | | | | 4.69 | | | | 50.1 | 73.2 |
| | 97,680 | 8,880 | 75,460 | 36,900 | 5.52 | 21,140 | 486 | 21,825 | 146.8 | 72.3 |

SCM CONFIDENTIAL

SH 835118

W. D. Harrison

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | |
| 12/8 | 98,600 | 9,860 | 116,000 | | 6.46 | 60,300 | 0 | | 28.0 | | | |
| 12/9 | [illegible] | [illegible] | 107,200 | [illegible] | [illegible] | 55,500 | 0 | [illegible] | [illegible] | 0.3 | | |
| 9 | [illegible] | [illegible] | 138,500 | 27,100 | [illegible] | 18,800 | 0 | 26,800 | [illegible] | [illegible] | | |
| 1 | | | | | [illegible] | | | | | | | |
| 2 | | | | | [illegible] | | | | | | | |
| 13 | | | | | [illegible] | | | | | | | |
| | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | |
| Note: Bypassing at both mills. Effluent samples are spot samples. | | | | | | | | | | | | |
| 8 | 118,000 | 8,350 | 70,800 | | 5.66 | 12,500 | 0 | | 63.3 | | 182.5 | [illegible] |
| 12/9 | 120,500 | [illegible] | 100,000 | 25,000 | [illegible] | 16,500 | 1,250 | 31,700 | 81.7 | 12.8 | 180.1 | [illegible] |
| 12/10 | [illegible] | [illegible] | 82,500 | 25,050 | [illegible] | [illegible] | 0 | [illegible] | 80.3 | [illegible] | [illegible] | [illegible] |
| 12/11 | 109,300 | 10,200 | 79,500 | | 5.96 | | | | | | 189.0 | [illegible] |
| 12/12 | | | | | 5.96 | | | | | | 150.3 | 72. |
| 12/13 | | | | | 5.95 | | | | | | 157.8 | [illegible] |
| | 114,500 | [illegible] | 83,220 | [illegible] | 5.92 | 24,670 | 417 | 19,050 | [illegible] | 23.7 | 175.9 | 74. |

SCM CONFIDENTIAL

SCM CONFIDENTIAL

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | |
| 12/1 | | | | | -- | | | | | | |
| 12/2 | | | | | -- | | | | | | |
| 12/3 | | | | | 5.12 | | | | | | |
| 12/4 | 114,500 | 7,650 | 120,800 | 48,000 | 7.63 | 62,400 | 0 | 26,700 | 45.5 | 42.5 | |
| 12/5 | 100,900 | 6,950 | 129,900 | | 7.07 | 52,500 | 0 | | 47.9 | | |
| 12/6 | | | | | 7.07 | | | | | | |
| | 107,700 | 7,280 | 125,850 | 48,000 | 6.72 | 57,450 | 0 | 26,700 | 46.7 | 42.5 | |

Note: Mill waste bypassing at each waste tank.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 112,500 | 13,450 | 75,700 | | 5.67 | | | | | | 151.6 | 74.9 |
| 12/2 | 124,200 | 8,010 | 82,400 | 40,600 | 5.82 | 11,630 | 0 | 26,100 | 90.6 | 35.6 | 166.8 | 74.0 |
| 12/3 | 131,200 | 11,270 | 98,500 | 34,000 | 6.21 | 44,000 | 779 | 30,000 | 66.6 | 11.8 | 175.9 | 72.2 |
| 12/4 | 107,300 | 10,120 | 83,400 | 38,400 | 6.25 | 35,950 | 1,820 | 18,100 | 66.6 | 52.7 | 173.9 | 72.2 |
| 12/5 | 108,900 | 6,860 | 109,000 | | 6.22 | | | | | | 174.1 | 73.3 |
| 12/6 | | | | | 6.28 | | | | | | 196.0 | 74.3 |
| | 116,820 | 10,005 | 89,800 | 37,670 | 6.08 | 30,530 | 866 | 24,730 | 74.6 | 33.4 | 173.0 | 73.5 |

85512

W. D. Harrison

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | |
| 11/24 | 66,500 | 7,630 | 58,700 | | 4.09 | 13,300 | 0 | | 79.8 | 79.7 | 12 | |
| 11/25 | | | 58,100 | | 4.05 | 26,000 | 0 | 18,450 | | 54.0 | 1: | |
| | | | | | 4.09 | | | | | -- | 1( | |
| | | | | | 4.09 | | | | | | 2 | |
| | | | | | 4.49 | | | | | | 1' | |
| | | | | | 4.49 | | | | | | 2( | |
| | 66,500 | 7,630 | 58,400 | | 4.62 | 19,650 | 0 | 18,450 | 79.8 | 66.8 | 174.3 | 69.7 |
| | | | | Note: Bypassing as usual! | | | | | | | | |
| | 141,100 | 14,820 | 94,800 | | 7.11 | 31,950 | 0 | | 77.3 | | 181.0 | 75.2 |
| 11/25 | 82,300 | 6,910 | 50,970 | 23,900 | 5.10 | | | | | | 181.2 | 72.3 |
| 11/26 | | | | | 5.80 | | | | | | 162.1 | 72.7 |
| 11/27 | | | | | 5.80 | | | | | | 182.9 | 75.3 |
| 11/28 | | | | | 5.56 | | | | | | 163.6 | 71.2 |
| 11/29 | | | | | 5.56 | | | | | | 162.4 | 75.6 |
| | 111,700 | 10,865 | 72,885 | 23,900 | 5.82 | 31,950 | 0 | | 77.3 | | 172.2 | 73.7 |

SCM CONFIDENTIAL

SH 035113

1958

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/17 | 115,300 | 10,600 | 103,500 | | 7.7± | 31,350 | 0 | | 67.5 | | 47.6 | |
| | | | | | 5.05 | | | | | | 52.7 | |
| | 71,500 | 6,660 | 70,±00 | 24,000 | ±.83 | 29,000 | 0 | 11,650 | 59.4 | 39.2 | 6.7 | |
| | 58,900 | 5,230 | 76,700 | 22,350 | 4.±9 | 20,950 | 0 | 11,790 | 61.4 | ±5.0 | 79.7 | |
| | 107,600 | 6,075 | 51,±00 | | ±.50 | | | | | | | |
| | | | | | ±.36 | | | | | | | |
| | 78,320 | 7,1±1 | 77,000 | 25,180 | 5.27 | 27,100 | 0 | 13,220 | 65.8 | ±1.1 | ±6.7 | |

Bypassing - King - A lot continually
Bryant - Occasionally

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .7 | 106,200 | 9,910 | 76,500 | | 5.40 | | | | | | 189.6 | 73.6 |
| 11/18 | 11±,600 | 9,040 | 118,700 | 33,750 | 6.19 | 54,000 | 0 | 28,800 | 70.2 | 14.6 | 163.1 | 75.4 |
| 11/19 | 112,000 | 7,760 | 94,900 | 28,250 | 6.00 | 46,100 | 1,500 | 25,900 | 59.0 | 8.3 | 184.1 | 72.5 |
| 11/20 | 103,200 | 9,210 | 98,±00 | 34,300 | 5.90 | 42,300 | 1,965 | 23,500 | 59.2 | 31.5 | 176.4 | 75.0 |
| 11/21 | 127,100 | 9,830 | 103,000 | | 5.89 | 36,300 | 1,225 | | | | 190.3 | 75.7 |
| 11/22 | | | | | 6.00 | | | | | | 226.9 | 71.1 |
| | 112,650 | 9,150 | 98,300 | 32,100 | 5.90 | 39,700 | 1,172 | 26,070 | 62.8 | 18.1 | 188.± | 74.0 |

SCM CONFIDENTIAL

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | | |
| 11/10 | | | | | 6.61 | | | | | | 48.3 | 173.3 | 70.4 |
| | 130,000 | 12,800 | 119,000 | 34,000 | 7.15 | | | | | | 65.2 | 183.0 | 70.5 |
| | 108,700 | 12,680 | 88,400 | 25,950 | 7.07 | 47,200 | 0 | 20,700 | 57.1 | 20.2 | 47.1 | 125.6 | 68.8 |
| | 121,800 | 11,770 | 75,500 | | 7.23 | 62,600 | 0 | | 48.5 | | 50.1 | 155.5 | 68.8 |
| | 119,200 | 10,580 | 120,800 | | 7.23 | 45,700 | 0 | | 61.7 | | 29.6 | 186.1 | 70.3 |
| | | | | | -- | | | | | | | | |
| | 119,900 | 13,460 | 100,900 | 29,980 | 7.06 | 51,800 | 0 | 20,700 | 55.8 | 20.2 | 48.1 | 164.7 | 69.8 |
| 11/10 | 85,000 | 7,490 | 67,600 | | 5.80 | 19,800 | 0 | | 76.7 | | | 167.6 | 71.1 |
| 11/11 | 105,200 | 9,640 | 91,000 | 30,750 | 6.25 | 18,750 | 0 | 20,500 | 82.2 | 33.3 | | 164.6 | 73.6 |
| 11/12 | | | 77,200 | | 6.86 | 33,200 | 572 | 21,200 | | | | 178.3 | 74.0 |
| 11/13 | 167,000 | 14,250 | 74,500 | | 6.63 | 47,500 | 1,935 | | 71.3 | | | 177.5 | 71.4 |
| 11/14 | 101,500 | 10,600 | 89,300 | | 6.69 | 37,900 | 1,950 | | 62.8 | | | 177.4 | 68.9 |
| 11/15 | | | | | 6.60 | | | | | | | 198.3 | 73.3 |
| | 114,680 | 10,495 | 79,920 | 30,750 | 6.47 | 31,430 | 891 | 20,850 | 73.2 | 33.3 | | 177.3 | 72.0 |

SCM CONFIDENTIAL

HS 025115

W. D. Harrison

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | | |
| 11/3 | 82,400 | 6,500 | 107,000 | | 6.76 | 58,700 | 0 | | 28.8 | | 12.5 | 179.1 | 67.8 |
| 11/4 | | | 123,300 | | 7.40 | 22,200 | 0 | 33,600 | | | 47.3 | 179.3 | 70.0 |
| | | | | | 0.90 | | | | | | 29.1 | 198.9 | 69.2 |
| | 85,000 | 10,700 | 76,800 | | 5.58 | 22,350 | 0 | 16,100 | 73.9 | 35.6 | -- | 161.2 | 66.6 |
| | | | | | 5.88 | | | | | | 1- | 216.4 | 70.0 |
| | | | | | -- | | | | | | -- | | |
| | 84,000 | 8,600 | 102,400 | | 5.30 | 34,420 | 0 | 24,850 | 51.4 | 35.6 | 29.6 | 187.0 | 68.7 |
| 1 | 125,000 | 12,610 | 88,600 | | 6.44 | 16,100 | 0 | | 87.1 | | | 161.9 | 77.8 |
| 11/4 | 118,500 | 6,820 | 86,600 | 34,400 | 6.28 | 18,850 | 0 | 24,500 | 84.1 | 29.5 | | 177.6 | 77.8 |
| 11/5 | 127,500 | 11,400 | 85,600 | 39,000 | 6.22 | 49,750 | 1,555 | 24,400 | 61.0 | 37.4 | | 176.3 | 78.2 |
| 11/6 | 135,500 | 8,820 | 88,300 | 40,200 | 6.61 | 50,200 | 1,925 | 27,400 | 62.9 | 31.8 | | 169.6 | 74.9 |
| 11/7 | | | | | | | | | | | | 166.6 | 73.8 |
| 11/8 | | | | | -- | | | | | | | 62.2 | 74.0 |
| | 126,000 | 9,910 | 87,300 | 37,900 | 6.39 | 33,700 | 8700 | 25,400 | 73.8 | 32.9 | | 152.1 | 76.0 |

SCM CONFIDENTIAL

SH 035119

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | | |
| 10/27 | 102,700 | 8,830 | 114,200 | | 6.23 | 21,800 | 0 | | 78.8 | | 10.0 | 151.4 | 72.3 |
| 10/28 | 85,300 | 9,180 | 77,600 | 27,300 | 5.17 | 16,800 | 0 | 20,700 | 80.3 | 24.0 | 0 | 177.8 | 74.3 |
| 9 | | | 100,000 | | 6.16 | 30,800 | 0 | 23,350 | | | 15.4 | 201.4 | 74.3 |
| 0 | 78,000 | 4,880 | 90,800 | 29,200 | 5.31 | 19,490 | 0 | 23,900 | 75.0 | 18.2 | 0 | 208.7 | 71.6 |
| 1 | | | | | 6.84 | | | | | | 0 | 212.1 | 75.3 |
| | | | | | -- | | | | | | | | |
| | 88,700 | 7,650 | 95,650 | 28,250 | 5.94 | 22,150 | 0 | 22,650 | 78.0 | 21.1 | -- | 190.3 | 73.6 |
| 27 | 108,900 | 9,340 | 86,300 | | 5.74 | | | | | | | 178.0 | 71.9 |
| 10/28 | 100,000 | 5,930 | 63,880 | 27,400 | 6.05 | 22,200 | 0 | 20,700 | 77.8 | 24.5 | | 165.4 | 74.6 |
| 10/29 | 94,600 | 8,650 | 81,500 | 33,250 | 6.11 | 26,500 | 1,018 | 21,900 | 72.0 | 34.0 | | 146.0 | 74.1 |
| 10/30 | 107,900 | 9,120 | 89,000 | 32,000 | 6.10 | 22,900 | 763 | 29,400 | 78.2 | 9.5 | | 166.7 | 74.6 |
| 10/31 | | | | | | | | | | | | 162.6 | 62.7 |
| 11/1 | | | | | -- | | | | | | | | |
| | 102,850 | 8,335 | 80,150 | 30,880 | [illegible] | 23,870 | 594 | 24,000 | 76.0 | 22.7 | | 163.7 | [illegible] |

SCM CONFIDENTIAL

5A 035117

SCM CONFIDENTIAL

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/[illegible] | | | | | r.09 | | | | | | 1.8 | [illegible] |
| [illegible] | | [illegible] | 128,920 | 48,[illegible] | [illegible] | | | | | | [illegible] | 8 |
| 6 | [illegible] | 12,[illegible] | 10[illegible],[illegible] | [illegible],200 | 4.50 | | | | | | [illegible] | [illegible] |
| | | | | | 6.[illegible] | | | | | | [illegible] | [illegible] |
| 6 | | | | | -- | | | | | | [illegible] | |

* Drain valve open; Inglax induced

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | 3[illegible] | | 6.18 | [illegible] | 0 | | | | [illegible] | 70. |
| [illegible] | | 8,850 | [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | 66. |
| 10/16 | [illegible] | 11,450 | 62,[illegible] | 78,200 | 6.25 | [illegible],050 | 0 | [illegible] | 78.[illegible] | 31.8 | 169.5 | 6[illegible] |
| 10/17 | | | | | -- | | | | | | 154.1 | 69. |
| 10/1[illegible] | | | | | | | | | | | 155.8 | [illegible] |
| | [illegible] | 11,150 | 49,800 | [illegible] | [illegible] | [illegible] | 0 | [illegible] | 79.6 | [illegible] | 174.7 | 7[illegible]. |

SCM CONFIDENTIAL

SH 035119

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | |
| 10/5 | [illegible] | [illegible] | [illegible] | | [illegible] | | | | | | | |
| 10/7 | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| 10/6 | | | [illegible] | | [illegible] | [illegible] | | | | | | |
| 10/7 | | | [illegible] | | [illegible] | | | | | | | |
| [illegible] | [illegible] | | | | | | | | | | | |
| 10/9 | 106,300 | 5,920 | [illegible] | [illegible] | [illegible] | | | | | | | |
| 10/10 | [illegible] | [illegible] | 81,000 | | [illegible] | [illegible] | | | | | [illegible] | [illegible] |
| 10/11 | | | | | [illegible] | | | | | | | |
| | 102,030 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | | | [illegible] |

SCM CONFIDENTIAL

SCM CONFIDENTIAL

1958

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/29 | 10[illegible],500 | 13,600 | 120,500 | | 7.40 | 37,000 | 0 | | 64.6 | | 23.7 | 185.8 | 66.8 |
| 9/30 | 1[illegible]2,000 | 16,050 | 1[illegible]2,000 | | 7.40 | 48,700 | 0 | | 65.8 | | 37.9 | 205.4 | 67.4 |
| | 113,000 | 13,850 | 83,600 | | 6.92 | 37,750 | 0 | 26,000 | 68.4 | | 27.2 | 196.8 | 66.8 |
| 2 | 122,000 | 13,400 | 93,100 | 35,200 | 6.99 | | | | | | 24.8 | 170.6 | 66.4 |
| 3 | 92,000 | 11,200 | 89,100 | | 6.89 | | | | | | 9.1 | 148.9 | 68.1 |
| 4 | | | | | 6.89 | | | | | | 9.4 | 160.5 | 65.7 |
| | 114,700 | 13,620 | 105,660 | 35,200 | 7.08 | 41,150 | 0 | 26,000 | 66.3 | | | | |
| | | | | | | | | | | | 25.2 | 178.0 | 66.9 |
| | | | | | | | | | | 10/5 | 44.5 | | |
| 29 | | | | | 6.23 | 27,550 | 0 | | | | | 171.4 | 67.3 |
| 9/30 | | | 90,000 | | 6.00 | 15,500 | 0 | | | | | 176.2 | 67.7 |
| 10/1 | | | 70,300 | 39,500 | 6.75 | 48,400 | 2,735 | 25,100 | | 36.3 | | 160.3 | 65.5 |
| 10/2 | | | 84,00 | | 6.73 | 46,000 | 1,405 | 26,750 | | | | 151.6 | 69.1 |
| 10/3 | | | 73,700 | | 6.31 | 30,000 | 1,050 | | | | | 144.9 | 67.2 |
| 10/4 | | | | | 6.32 | | | | | | | 152.1 | 68.8 |
| | | | 79,500 | 39,50[illegible] | 6.31 | [illegible],100 | 1,040 | 25,925 | | 36.3 | | 159.6 | 67.7 |

SCM 035121

WEEKLY SUMMARY - WASTE TANK TESTS

To: Farley Nelson
From: Wayne Kendrick

cc: C. A. Littlefield, G. A. Towne, H. Field, R. Bell, V. We[illegible]
[illegible], [illegible], [illegible], B. Buenger
[illegible], A. M. Mulder, S. [illegible], D. Falvey

[illegible]

| Date 1958 | Influent (#/day) Sus. Solids | Fiber* | Soluble | BOD | Effluent (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Denver Tons | Regular Tons | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22 | | | 91,300 | | 7.32 | 22,600 | 0 | | | | 25.8 | 152.1 | 71. |
| 9/23 | | | 74,200 | | 4.57 | 19,400 | 0 | | | | 57.0 | 167.5 | 70. |
| 9/24 | 131,000 | 14,600 | 92,400 | | 7.15 | 31,000 | 0 | | 76.4 | | 40.3 | 165.9 | 71. |
| 9/25 | 143,300 | 24,750 | 118,000 | | 7.07 | 46,500 | 0 | | 66.7 | | 34.0 | 181.9 | 65. |
| 9/26 | | | 108,000 | | 7.20 | 27,600 | 0 | | | | 10.9 | 142.9 | 78. |
| 9/27 | | | | | 6.99 | | | | | | -- | 189.1 | 66. |
| | 137,150 | 19,680 | 95,580 | | 6.72 | 29,420 | 0 | | 71.5 | | 33.6 | 166.6 | 70. |
| | | | | | | | | | | | | | |
| 9/22 | 103,800 | 8,680 | 86,900 | | 5.95 | 38,200 | 1,490 | | 66.4 | | | 182.1 | 79. |
| 9/23 | | | 66,720 | | 6.67 | 31,200 | 835 | | | | | 164.5 | 74. |
| 7/24 | 111,300 | 9,910 | 102,000 | | 6.11 | 36,150 | 1,020 | | 67.5 | | | 154.1 | 73. |
| 9/25 | 0-- | 8,350 | 76,900 | | 6.16 | 50,300 | 2,440 | | | | | 159.3 | 66. |
| 9/26 | [illegible],300 | 6,840 | 110,200 | | 6.30 | 42,500 | 2,630 | | 47.9 | | | 167.3 | 67. |
| 9/27 | | | | | 6.39 | | | | | | | 96.3 | 67. |
| | 107,600 | 8,845 | 88,540 | | 6.26 | 39,670 | 1,683 | | 60.6 | | | 153.9 | 71. |
| WRC Order | | | | | | [illegible] | | [illegible] | | | | | |

[illegible]

SCM CONFIDENTIAL

WEEKLY SUMMARY - WASTE TANK TESTS

To: Harley Nelson
From: Wayne Kendrick

cc: G. A. Littlefield, G. A. Towne, H. Field, R. Bell, V. Weav[illegible], H. E. Johnston, [illegible] Gilman, [illegible] Mendhard, B. Buenger, J. H. McClure, A. M. Mulder, S. Stetz, D. Falvay

KING DIVISION

| Date 1958 | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Denver Tons | Regular Tons | %E[illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 9/15 | 130,000 | 12,400 | 110,800 | | 6.99 | 30,900 | 0 | | 76.2 | | 45.2 | 170.0 | 81.[illegible] |
| T 9/16 | [illegible] | 6,765 | 101,300 | | 6.76 | [illegible] | 0 | | 74.6 | | [illegible] | 139.0 | 80.[illegible] |
| [illegible] | [illegible] | 10,960 | [illegible] | | 6.54 | [illegible] | 0 | | [illegible] | | [illegible] | 151.[illegible] | 79.[illegible] |
| [illegible] | | | 115,700 | | 6.61 | 29,750 | 0 | | | | 62.6 | [illegible] | 73.[illegible] |
| [illegible] | [illegible] | 16,750 | 76,100 | | 6.09 | 19,8[illegible] | 0 | | [illegible] | | [illegible] | [illegible] | 70.[illegible] |
| [illegible] | | | | | [illegible] | | | | | | [illegible] | [illegible] | [illegible] |
| | 112,[illegible] | 11,700 | 98,250 | | 6.[illegible] | [illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | [illegible] |
| [illegible] | | | | | | [illegible] | | [illegible] | | | | | |
| [illegible] | | | | | | | | | | | | | |
| 15 | 206,500 | 16,800 | 105,500 | | 6.0[illegible] | [illegible] | 0 | | 90.[illegible] | | | [illegible] | 76.[illegible] |
| T 9/16 | [illegible] | [illegible] | 77,[illegible] | | [illegible] | | | | [illegible] | | | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | | [illegible] | | | [illegible] | 78.[illegible] |
| T 9/18 | [illegible] | 6,450 | 120,300 | | 6.[illegible] | [illegible] | [illegible] | | [illegible] | | | 175.7 | [illegible] |
| [illegible] 9/19 | 150,000 | 9,090 | 105,000 | | 6.15 | -- | 1,920 | | | | | 147.1 | 78.[illegible] |
| S 9/20 | | | | | 6.50 | | | | | | | [illegible] | 75.[illegible] |
| Avg | [illegible] | 10,570 | 100,100 | | 6.22 | [illegible] | 1,051 | | 79.2 | | | 177.[illegible] | 77.[illegible] |
| WRC Order | | | | | | 75,[illegible] | | 11,100 | | | | | |

*200 Mesh

SCM CONFIDENTIAL

SH 835123

SCM CONFIDENTIAL

SH 035124

To: Hank Nelson — C. O. Littlefield — Levine — Reid — R. Bell — V.

From: W. Sue Bendrick — J. Bonner — Shiloh — Beckwith — D. Budinger — D. Harvey — M. Sims

Subject:

| Date 1958 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/8 | 90,950 | 8,950 | 99,200 | | 6.61 | 25,700 | 0 | | 73.0 | | 48.0 | 138.4 | 68.5 |
| 9/9 | | | 70,100 | | 6.02 | 18,520 | 0 | 13,850 | | | 47.7 | 90.8 | 69.5 |
| | | | | | 5.72 | | | | | | 43.2 | 101.5 | 76.0 |
| | | | | | 5.95 | | | | | | 65.1 | 122.0 | 81.0 |
| 2 | 116,500 | 13,050 | 106,700 | | 6.73 | 33,050 | 0 | | 71.1 | | 68.0 | 162.0 | 84.8 |
| 3 | | | | | 6.69 | | | | | | 43.1 | 161.7 | 83.2 |
| | 103,850 | 11,000 | 93,000 | | 6.29 | 25,090 | 0 | 13,850 | 72.5 | | 52.5 | 129.4 | 77.2 |
| | | | | | | | | | | | | | |
| 8 | 128,000 | 14,520 | 70,600 | | 6.52 | 23,900 | 0 | | 81.4 | | | 158.0 | 74.0 |
| 9/9 | 112,000 | 7,180 | 88,400 | 25,800 | 5.30 | 30,550 | 0 | 14,680 | 72.8 | 59.1 | | 191.2 | 77.2 |
| 9/10 | | | | | 5.33 | | | | | | | 197.1 | 78.8 |
| 9/11 | 126,000 | 10,090 | 108,200 | 39,000 | 6.04 | 53,800 | 3,020 | 26,500 | 57.8 | 32.0 | | 178.2 | 80.3 |
| 9/12 | | | 95,600 | | 5.87 | 52,500 | 2,080 | | | | | | |
| 9/13 | | | | | 6.00 | | | | | | | 109.6 | 72.8 |
| | 122,700 | 10,600 | 90,700 | 37,400 | 5.84 | 40,190 | 1,275 | 20,590 | 70.7 | 45.5 | | 167.5 | 76.6 |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | | |

Send Mail

SCM CONFIDENTIAL

| | | | | | | | Waste Paper Input Tons* | % Book ** |
|---|---|---|---|---|---|---|---|---|
| 9/1 | | | | -- Mill Down-- | | | -- | -- |
| 9/2 | | | | -- Tank Down-- | | | 150.0 | 67.5 |
| | | | | --Tank Down-- | | | 182.2 | 69.6 |
| | | | | --Tank Down-- | | | 241.1 | 68.6 |
| | | | | --Tank Down-- | | | 206.0 | 71.3 |
| | | | | --Tank Down-- | | | 180.7 | 69.2 |
| | | | | | | | 192.0 | 69.2 |

*Including Denver

**of regular deinked system.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | | | | --Mill Down-- | | | | |
| 9/2 | 101,000 | 8,850 | 75,800 | 6.07 | 24,300 | 0 | 171.4 | 70.1 |
| 9/3 | 127,000 | 10,070 | 103,200 | 6.19 | 20,100 | 0 | 186.8 | 69.2 |
| 9/4 | 113,500 | 11,500 | 89,100 | 6.27 | 22,700 | 785 | 193.6 | 70.2 |
| 9/5 | 92,700 | 9,030 | 86,600 | 5.70 | 26,600 | 595 | 196.0 | 69.3 |
| 9/6 | | | 75,000 | 6.30 | 23,000 | 0 | 139.2 | 74.1 |
| | 109,800 | 9,860 | 85,940 | 6.11 | 23,340 | 276 | 177.4 | 70.6 |

SD 035125

SCM CONFIDENTIAL

| | | | | | | | | | Waste Paper Input | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Tons | % Book |
| 8/25 | 83,100 | 15,400 | 72,000 | | 6.16 | 22,100 | 0 | | 144.7 | 66.3 |
| 8/26 | 122,800 | 17,400 | 107,500 | 28,950 | 6.79 | 75,400 | 0 | 23,300 | 147.3 | 70.1 |
| 27 | 147,000 | 15,150 | 104,700 | 36,100 | 6.61 | 67,700 | 0 | 31,600 | 188.6 | 69.4 |
| 28 | 112,800 | 15,850 | 100,100 | | 6.79 | 43,500 | 0 | | 165.3 | 68.5 |
| 29 | | | | | 6.50 | 55,200 | 0 | | 133.8 | 65.2 |
| 30 | | | | | | | | | 161.9 | 68.4 |
| | 116,400 | 15,950 | 97,570 | 32,520 | 6.53 | 56,780 | 0 | 27,150 | 156.9 | 68.0 |

Does not include Denver

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 8/25 | | | 73,600 | | 5.19 | 32,950 | 0 | | 182.8 | 69.3 |
| 8/26 | 98,400 | 8,150 | 76,500 | 27,600 | 6.12 | 37,150 | 1,148 | 14,750 | 175.3 | 69.1 |
| 8/27 | 65,000 | 5,280 | 70,400 | 21,950 | 6.02 | 36,200 | 1,510 | 16,080 | 161.9 | 69.6 |
| 8/28 | 84,500 | 11,700 | 63,750 | | 6.38 | 18,600 | 1,328 | | 129.3 | 70.6 |
| 8/29 | 131,500 | 13,200 | -- | | 6.34 | 35,400 | 0 | | 162.4 | 69.8 |
| 8/30 | | | | | | | | | 179.2 | 70.3 |
| | 94,850 | 9,580 | 71,060 | 24,750 | 6.01 | 30,060 | 797 | 15,420 | 165.2 | 69.8 |

EH 035139

13360

SCM CONFIDENTIAL

| | | | | | | | | | Waste Paper input tons Total | % Book |
|---|---|---|---|---|---|---|---|---|---|---|
| 8-11 | | | | | 5.6[illegible] | | | | 219.2 | 58.4 |
| [illegible] | | | 43,5[illegible]0 | | [illegible] | [illegible],000 | 0 | [illegible] | 188.6 | [illegible] |
| [illegible] | 83,600 | 9,750 | 102,000 | 32,800 | 5.10 | 32,700 | 0 | 17,000 | 146.[illegible] | 76.4 |
| [illegible] | | | | | 5.65 | [illegible] | 0 | [illegible],100 | 169.[illegible] | 63.3 |
| [illegible] | 89,200 | [illegible],220 | [illegible] | 22,500 | [illegible] | [illegible] | 0 | [illegible] | 180.2 | [illegible] |
| [illegible] | | | | | [illegible] | [illegible] | 0 | | 107.[illegible] | [illegible] |
| | 86,[illegible]00 | 11,[illegible] | 75,[illegible] | [illegible] | [illegible] | [illegible] | 0 | 12,[illegible] | 166.9 | 69.0 |
| 8-11 | 111,500 | 14,600 | 83,700 | | 6.48 | 29,700 | 0 | | 179.0 | 58.9 |
| [illegible] | [illegible] | 9,[illegible] | [illegible] | [illegible] | 6.10 | [illegible],250 | 0 | 20,[illegible] | [illegible] | 69.3 |
| 8-13 | 96,300 | 11,600 | [illegible],500 | 40,600 | 6.[illegible] | [illegible] | 0 | [illegible] | 172.6 | [illegible] |
| 8-14 | 82,100 | 14,400 | | 25,150 | 6.10 | 17,050 | 1,055 | 11,350 | 165.8 | 71.0 |
| 8-15 | | | 64,800 | | 6.56 | 40,500 | 1,912 | 20,700 | 108.4 | 70.5 |
| 8-16 | | | | | 6.40 | 18,100 | 0 | | 109.[illegible] | 70.5 |
| | 99,900 | 12,480 | 82,280 | 33,180 | 6.40 | 22,440 | 495 | 18,180 | 155.4 | 69.9 |

SCM CONFIDENTIAL

SA 035128

| | | | | | | | | | Waste Paper Input | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Tons | % Book |
| 8/4 | 76,800 | 8,790 | 106,500 | | 6.39 | 27,650 | 0 | | 107.5 | 55.5 |
| 8/5 | 79,800 | 6,720 | | 36,700 | 6.16 | 21,500 | 0 | 25,000 | 187.9 | 67.8 |
| 6 | | | | | 6/16 | | | | 178.1 | 64.7 |
| 7 | 85,100 | 5,760 | 107,500 | 29,400 | 6.02 | 17,010 | 0 | 18,630 | 175.9 | 57.8 |
| 8 | 108,200 | 7,450 | 98,000 | 25,700 | 5.87 | 30,400 | 0 | 18,170 | 133.7 | 74.0 |
| 9 | | | 97,000 | | 5.18 | 20,700 | 0 | | 126.3 | 71.3 |
| | 87,500 | 7,180 | 102,250 | 30,600 | 6.01 | 28,250 | 0 | 20,600 | 151.6 | 65.2 |
| /4 | 111,300 | 11,850 | 75,100 | | 6.24 | 23,900 | 0 | | 163.8 | 71.9 |
| 8/5 | 111,000 | 8,500 | | 43,800 | 6.34 | 22,200 | 0 | 29,700 | 188.2 | 70.0 |
| 8/6 | | | 94,500 | | 6.30 | 31,500 | 1,310 | | 172.2 | 70.2 |
| 8/7 | | | | | 6.57 | 31,800 | 1,320 | 19,500 | 173.4 | 71.6 |
| 8/8 | 110,000 | 12,450 | 93,500 | 40,200 | 6.23 | | | | 179.5 | 70.7 |
| 8/9 | | | 98,600 | | 6.40 | 22,400 | 0 | | | |
| | 110,800 | 10,930 | 90,500 | 42,000 | 6.35 | 26,360 | 526 | 24,600 | 165.00 | 70.9 |

SCM CONFIDENTIAL

SCM CONFIDENTIAL

| | | | | | | | | | Deinked Stock Input XXXXXXX | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Tons | % Book |
| 7/28 | 94,500 | 8,790 | 123,300 | | 6.30 | 30,400 | 0 | | 185.4 | 66.2 |
| 7/29 | 102,500 | 7,830 | | | 6.16 | 30,700 | 0 | | 214.7 | 65.7 |
| /30 | 92,000 | 8,280 | | 31,800 | 5.94 | 23,250 | 0 | 20,250 | 191.8 | 65.6 |
| /31 | 85,200 | 7,070 | 101,500 | 34,800 | 5.80 | 22,250 | 0 | 21,200 | 178.2 | 69.5 |
| /1 | 57,800 | 4,370 | 59,000 | | 5.51 | 16,050 | 0 | | 124.5 | 70.0 |
| /2 | | | 107,500 | | 5.72 | 17,100 | 0 | | 181.2 | 72.4 |
| | 86,400 | 7,260 | 97,670 | 33,300 | 5.90 | 22,020 | 0 | 20,720 | 179.3 | 68.2 |
| 7/28 | | | 96,500 | | 6.25 | 24,000 | 0 | | 169 7 | 75.3 |
| 7/29 | 95,000 | 9,150 | 86,400 | | 6.10 | 37,600 | 0 | | 185 | 72.8 |
| 7/30 | 111,300 | 8,880 | | 38,700 | 6.16 | 35,000 | 1,885 | 19,100 | 177 | 70.4 |
| 7/31 | 115,200 | 8,430 | 133,200 | 46,300 | 6.52 | 57,500 | 2,170 | 35,100 | 170 | 70.1 |
| 8/1 | 122,000 | 8,030 | 101,200 | | 6.40 | 40,700 | 1,870 | | | |
| 8/2 | | | | | 6.40 | 42,200 | 1,200 | | 191.5 | 71.0 |
| | 111,100 | 8 620 | 104,300 | 42,500 | 6.36 | 39,500 | 1,187 | 27,100 | 177 | 72.0 |

SM 025130

[illegible] Nelson
[illegible] Wayne [illegible] Kendrick

cc. G A Littlefield, G. A. Towne, H Field, R Bell, V [illegible]
H B Johnston, E J Colman, D Mendon, B Buenger
J P McClure, [illegible] M Mulder, [illegible] Stetz, O Falvey

[illegible]NG DIVISION

| Date | INFLUENT (#/day) Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/14 | | | | | | 4.49 | | | | | Lack of data due to |
| 15 | | 42,100 | 20,600 | 61,900 | | 4.13 | | | | | maintenance of samp- |
| 16 | | 65,200 | 8,590 | 85,600 | | 5.72 | | | | | ling and tank equipment |
| 17 | | | | | | 6.09 | | | | | |
| 18 | | | | | | 6.36 | | | | | |
| 19 | | | | 85,100 | | 6.02 | 19,000 | 0 | | | |
| | | 53,650 | 14,595 | 77,530 | | 5.47 | 19,000 | 0 | | | |
| [illegible] | | | | | | | | | | | |
| [illegible] DIVISION | | | | | | | | | | | |
| /14 | | 81,500 | 11,500 | 54,300 | | 5.01 | 24,600 | 418 | | | Same as above |
| 7/15 | | | | | | 6.11 | 21,950 | 762 | | | |
| 7/16 | | 76,600 | 12,100 | 71,800 | | 5.38 | 34,100 | 673 | | | |
| 7/17 | | | | | | 4.38 | | | | | |
| 7/18 | | | | | | 6.72 | | | | | |
| 7/19 | | | | | | 6.46 | | | | | |
| /8 | | 79,050 | 11,800 | 63,050 | | 5.68 | 76,880 | 614 | | | |
| [illegible] Order | | | | | | | 76,500 | | | 11,100 | |

SCM CONFIDENTIAL

SA 035131

SCM CONFIDENTIAL

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7/7 | | | | | | | | | DOWN |
| 7/8 | | | | | | | | | " |
| 9 | | | | | | | | | " |
| 10 | | | | | | | | | " |
| /11 | | | | | | | | | " |
| /12 | | | | | | | | | " |
| | | | | | | | | | |
| | | | | | | | | | |
| 7/7& | | 113,200 | 10,490 | 82,000 | | 6.14 | 25,100 | 0 | |
| 7/8 | | 132,000 | 15,200 | 101,000 | 28,450 | 6.06 | 26,800 | 757 | 21,500 |
| 7/9 | | 109,200 | 9,820 | 110,600 | 27,250 | 6.04 | 48,800 | 3,280 | 23,800 |
| 7/10 | | 83,200 | 9,830 | 98,000 | 33,500 | 6.20 | 32,550 | 1,290 | 25,300 |
| 7/11 | | 97,700 | 10,080 | 93,000 | 30,300 | 6.20 | 42,400 | 774 | 20,500 |
| 7/12 | | 104,000 | 9,360 | 96,000 | | 6.60 | 25,800 | 825 | |
| | | 106,550 | 10,800 | 97,130 | 29,900 | 6.21 | 33,570 | 1,385 | 22,780 |
| AVG. TOTAL | | | | | | | 76,500 | | 11,100 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 6/30 | 67,700 | 16,520 | 93,600 | 6.01 | 21,500 | 0 | Lack of samples due to sampling difficulties |
| 7/1 | | | | 6.40 | | | |
| | | | | 6.22 | 21,250 | 0 | |
| 3 | | | | 3.84 | | | |
| 4 | | | | | | | DOWN |
| 5 | | | | | | | " |
| | 67,700 | 16,520 | 93,600 | 6.44 | 21,385 | 0 | |
| 30 | | | | | | | DOWN |
| 7/1 | | | | | | | " |
| 7/2 | | | | | | | " |
| 7/3 | | | | | | | " |
| 7/4 | | | | | | | " |
| 7/5 | | | | | | | " |

SCM CONFIDENTIAL

SH 035133

SCM CONFIDENTIAL

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 6/23 | | 53,800 | 6,700 | 81,000 | | 5.72 | 23,350 | 0 | |
| 6/24 | | | | | | 5.87 | 14,200 | 0 | 10,230 |
| 25 | | 67,000 | 6,750 | 96,600 | 28,800 | 5.78 | 10,120 | 0 | 13,800 |
| 26 | | 73,700 | 9,410 | 86,600 | 30,200 | 5.78 | 6,750 | 0 | 13,400 |
| 27 | | 66,500 | 6,350 | 101,500 | | 6.09 | 6,350 | 0 | |
| 6/28 | | 71,700 | 8,690 | 106,500 | | 5.80 | 9,190 | 0 | |
| | | 66,540 | 7,580 | 94,440 | 29,500 | 5.84 | 11,660 | 0 | 12,440 |
| 7/23 | | 127,000 | 10,550 | 108,200 | | 6.48 | 25,400 | 1,080 | |
| 6/24 | | 98,000 | 10,700 | 96,400 | 33,100 | 6.42 | 26,200 | 1,070 | 19,400 |
| 6/25 | | 111,000 | 13,500 | 97,500 | 38,400 | 6.50 | 24,350 | 1,625 | 24,150 |
| 6/26 | | 83,600 | 10,250 | 97,100 | 35,100 | 6.47 | 22,200 | 1,620 | 19,130 |
| 6/27 | | 121,000 | 12,680 | 107,700 | | 7.60 | 24,700 | 728 | |
| 6/28 | | 59,250 | 11,450 | 44,700 | | 5.98 | 12,450 | 249 | |
| | | 98,310 | 11,520 | 91,930 | 35,530 | 6.57 | 22,550 | 1,062 | 20,890 |

SH 035134

WEEKLY SUMM[illegible]Y - WASTE TANK TESTS

To: H[illegible], Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, H. B. Johnston, J. H. McClure, G. A. Towne, E. J. Gilman, A. M. Mulder, H. Field, D. Mendon, S. Stetz, R. Bell, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/16 | | 86,800 | 96,170 | 93,800 | | 5.92 | 22,700 | 0 | | | |
| 6/17 | | 75,800 | -- | 96,800 | 22,600 | 5.80 | 19,350 | 0 | | | |
| /18 | | 65,800 | 5,250 | 90,900 | 18,400 | 5.72 | | | | | |
| /19 | | 64,100 | 7,180 | 89,500 | 22,800 | 5.65 | 17,900 | 0 | | 13,150 | |
| /20 | | 80,000 | 6,760 | 83,800 | | 5.58 | 22,800 | 0 | | | |
| 6/21 | | | | | | 5.55 | | | | | |
| Avg. | | 74,500 | 6,340 | 90,960 | 21,270 | 5.69 | 20,690 | 0 | | 13,150 | |
| WRC Order | | | | | | | 53,700 | | | 16,300 | |

BRYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/16 | | 105,000 | 12,450 | 82,300 | | 6.36 | 29,700 | 0 | | | Lower flows at Bryant |
| 6/17 | | 118,200 | 9,680 | 99,500 | 35,400 | 6.63 | 42,000 | 1,380 | | 19,500 | due to diversion of som |
| 6/18 | | 103,200 | 9,130 | 94,200 | 26,700 | 6.45 | 45,200 | 2,420 | | 21,650 | thin waste waters direct |
| 6/19 | | 104,500 | 8,450 | 104,300 | 38,400 | 6.76 | 37,100 | 1,550 | | 25,600 | ly to stream. |
| 6/20 | | 117,000 | 10,100 | 87,400 | | 6.56 | 31,700 | trace | | -- | |
| 6/21 | | | | | | | | | | | |
| Avg | | 109,600 | 9,960 | 93,540 | 33,500 | 6.55 | 37,140 | 1,070 | | 22,250 | |
| WRC Order | | | | | | | 76,500 | | | 11,100 | |

* 200 Mesh

SCM CONFIDENTIAL

WEEKLY SUMMARY - WASTE TANK TESTS

To: Harvey Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, G. A. Towne, H. Field, R. Bell, V. Weaver, H. B. Johnston, E. J. Gilman, D. Mendon, B. Buenger, J. H. McClure, A. M. Mulder, S. Stetz, D. Falvey

KING DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/9 | | | | 73,600 | | 5.92 | 21,100 | 0 | | 13,700 | |
| 6/10 | | 86,600 | 8,380 | 93,800 | 28,100 | 5.92 | 30,600 | 0 | | 16,800 | |
| 6/11 | | 68,700 | 7,010 | 82,250 | 25,500 | 5.80 | 18,400 | 0 | | 15,400 | |
| 6/12 | | 58,600 | 7,680 | 53,600 | | 5.58 | 10,250 | 0 | | | |
| 6/13 | | 73,100 | 8,870 | 81,500 | | 5.92 | 13,800 | 0 | | | |
| 6/14 | | | | | | 6.09 | | | | | |
| Avg. | | 71,750 | 7,980 | 76,950 | 26,800 | 5.87 | 18,830 | 0 | | 15,300 | |
| WRC Order | | | | | | | 24,700 | | | 15,300 | |

RYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/9 | | 99,500 | 13,650 | 91,200 | 32,600 | 7.28 | 31,500 | 0 | | 12,250 | |
| 6/10 | | 104,800 | 10,620 | 100,000 | 38,400 | 7.49 | 19,990 | 1,250 | | 19,600 | |
| 6/11 | | 112,500 | 10,500 | 37,100 | 40,800 | 7.41 | 65,400 | 6,800 | | 29,100 | |
| 6/12 | | 140,300 | 9,180 | 85,700 | | 7.35 | 29,400 | 2,450 | | | |
| 6/13 | | 106,300 | 13,550 | 111,000 | | 7.41 | 34,600 | 1,850 | | | |
| 6/14 | | | | | | | | | | | |
| Avg. | | 112,680 | 11,500 | 85,000 | 37,270 | 7.39 | 36,180 | 2,470 | | 20,320 | |
| WRC Order | | | | | | | 76,500 | | | 11,100 | |

* 200 Mesh

SCM CONFIDENTIAL

SA 035126

## WEEKLY SUMMARY - WASTE TANK TESTS

To: H[illegible], Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, H. B. Johnston, J. H. McClure, G. A. Towne, E. J. Gilman, A. M. Mulder, H. Field, D. Mendon, S. Stetz, R. Bell, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/2 | | 77,700 | 10,260 | 86,600 | 23,300 | 6.31 | 52,000 | 0 | | 19,560 | |
| 6/3 | | | | 68,300 | | 6.31 | 59,900 | 0 | | 20,500 | |
| | | 67,200 | 6,170 | 108,500 | 24,300 | 5.92 | 52,500 | 0 | | 16,400 | |
| | | 80,000 | 6,400 | 83,800 | 27,300 | 5.92 | 71,000 | 0 | | 22,880 | |
| | | 75,400 | 8,380 | 97,800 | | 5.58 | 54,500 | 0 | | | |
| 7 | | | | | | 5.51 | | | | | |
| Avg. | | 75,080 | 7,800 | 89,000 | 24,970 | 5.92 | 49,980 | 0 | | 19,740 | |
| WRC Order | | | | | | | 53,700 | | | 16,300 | |

RYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | | 97,300 | 18,550 | 78,900 | 28,700 | 7.29 | | | | | |
| 6/3 | | 100,000 | 10,200 | 74,200 | 23,100 | 7.42 | | | | | |
| 6/4 | | 92,580 | 10,450 | 107,700 | 32,800 | 7.59 | | | | | |
| 6/5 | | 101,300 | 12,000 | 69,400 | 32,850 | 7.58 | | | | | |
| 6/6 | | 117,200 | 10,620 | 109,500 | | 6.90 | 57,500 | 4,030 | | | |
| 6/7 | | | | | | | | | | | |
| Avg. | | 101,660 | 12,360 | 87,940 | 29,360 | 7.36 | 57,500 | 4,030 | | | |
| WRC Order | | | | | | | 76,500 | | | 11,100 | |

* 200 Mesh

SCM CONFIDENTIAL

5H 035137

SCM CONFIDENTIAL

# WEEKLY SUMMARY - WASTE TANK TESTS

To: B[illegible]y Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, G. A. Towne, H. Field, R. Bell, V. Weaver, H. B. Johnston, E. J Gilman, D. Mendon, B. Buenger, J. H. McClure, A. M. Mulder, S. Stetz, D Falvey

## [illegible]NG DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/26 | | 80,000 | 12,000 | 75,600 | 30,500 | 0.26 | 24,000 | 0 | | 16,820 | |
| 5/27 | | 85,200 | 7,790 | 83,200 | 26,500 | 0.23 | 37,400 | 0 | | 20,500 | |
| 28 | | | | 70,200 | | 0.02 | 60,180 | 0 | | | |
| 29 | | 77,400 | 0,880 | 99,200 | | 5.60 | 37,200 | 0 | | | |
| 30 | | | | | | 5.72 | | | | | |
| 31 | | | | | | | | | | | |
| [illegible] | | 82,670 | 5.890 | 82,050 | 26,500 | 6.01 | 39,690 | 0 | | 18,660 | |
| [illegible]RC Order | | | | | | | [illegible] | | | [illegible] | |

## BRYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/26 | | 97,000 | 9,440 | 92,600 | 31,200 | 7.66 | 53,000 | 3,190 | | 21,000 | |
| 5/27 | | 108,200 | 8.500 | 126,000 | 36,500 | 7.56 | 68,600 | 3,780 | | 30,900 | |
| 5/28 | | 109,800 | 0,790 | 67,900 | | 7.40 | | | | | |
| 5/29 | | 94,600 | 7,010 | 108,500 | | 7.66 | 42,800 | 957 | | | |
| 5/30 | | | | | | | | | | | |
| 5/31 | | | | | | | | | | | |
| [illegible] | | 102,400 | 7,940 | 98,750 | 33,800 | 7.57 | 54,800 | 2,642 | | 25,950 | |
| [illegible]RC Order | | | | | | | 76,500 | | | 11,100 | |

*200 Mesh

WEEKLY SUMMARY - WASTE TANK TESTS

To: H. Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, H. B. Johnston, J. H. McClure, G. A. Towne, E. J. Gilman, A. M. Mulder, H. Field, D. Mendon, S. Stetz, R. Bell, B. Buenger, D. Falvey, V. Weaver

...ING DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/19 | | 76,300 | 11,400 | 82,200 | | 6.36 | 18,550 | 0 | | | |
| 5/20 | | 82,600 | 6,940 | 92,600 | 17,420 | 5.94 | 14,350 | 0 | | 14,260 | |
| 1 | | 78,400 | 6,320 | 91,600 | 18,600 | 5.94 | 22,800 | 0 | | 17,600 | |
| 2 | | 71,500 | 5,650 | 82,300 | 17,700 | 5.65 | 16,000 | 0 | | 16,850 | |
| 23 | | 67,500 | 7,050 | 70,500 | 15,800 | 5.65 | 22,100 | 0 | | 15,800 | |
| 24 | | | | 88,400 | | 5.73 | 16,150 | 0 | | | |
| 6 | | 75,220 | 7,470 | 84,430 | 17,380 | 5.88 | 18,660 | 0 | | 16,130 | |
| ...C Order | | | | | | | [illegible] | | | [illegible] | |

...RYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | | 98,100 | 11,200 | 91,700 | | 7.26 | 26,600 | 0 | | | |
| 5/20 | | 116,000 | 6,320 | 111,000 | 24,500 | 7.41 | 33,500 | 0 | | 15,700 | |
| 5/21 | | 96,800 | 8,550 | 112,100 | 25,600 | 7.08 | 31,900 | 737 | | 24,200 | |
| 5/22 | | 96,700 | 11,900 | 104,000 | 18,350 | 7.33 | 37,900 | 1,540 | | 15,800 | |
| 5/23 | | 106,700 | 8,200 | 119,500 | 16,100 | 7.57 | 81,400 | 5,370 | | 17,200 | |
| 5/29 | | | | | | | | | | | |
| Avg. | | 102,860 | 9,230 | 105,860 | 21,140 | 7.33 | 42,260 | 1,530 | | 18,220 | |
| WRC Order | | | | | | | 76,500 | | | 11,100 | |

* 200 Mesh

SCM CONFIDENTIAL

WEEKLY SUMM[illegible]Y - WASTE TANK TESTS

To: H[illegible], Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, H. B. Johnston, J. H. McClure, G. A. Towne, E. J. Gilman, A. M. Mulder, H. Field, D. Mendon, S. Stetz, R. Bell, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/12 | | | | | | | | | | | King flow is low due to |
| 5/13 | | | | | | | | | | | pump operation. Flow |
| 14 | | 85,800 | 12,490 | 91,000 | | 6.23 | 11,450 | 0 | | | recorded in the amount |
| 15 | | 65,800 | 11,080 | 60,340 | | 6.03 | 17,100 | 0 | | | through tank only and |
| /16 | | 72,000 | 8,960 | 82,300 | | 5.80 | 21,300 | 0 | | | not total mill effluent. |
| /17 | | | | | | 5.65 | 16,950 | 0 | | | |
| vg | | 74,500 | 10,840 | 77,800 | | 5.92 | 16,700 | 0 | | | |
| RC Order | | | | | | | 53,700 | | | 16,300 | |

RYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| /12 | | 71,750 | 7,800 | | | 6.24 | | | | | |
| 5/13 | | 105,800 | 13,250 | | | 7.21 | | | | | |
| 5/14 | | 105,900 | 11,550 | 103,500 | | 7.25 | | | | | |
| 5/15 | | 94,200 | 12,170 | 101,000 | | 7.29 | | | | | |
| 5/16 | | | | | | 7.12 | | | | | |
| 5/17 | | | | | | 7.25 | | | | | |
| Avg. | | 94,400 | 11,190 | 102,500 | | 7.06 | | | | | |
| WRC Order | | | | | | | 76,500 | | | 11,100 | |

* 200 Mesh

SCM CONFIDENTIAL

W. E. Kendrick

| 1958 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/6 | | | | | | | 96,100 | 21,300 | 91,600 | | 24,300 | 8,460 | 60,700 |
| | | 87,400 | 10,650 | 95,400 | | | 115,100 | 20,900 | 104,800 | | 48,600 | 6,240 | 73,600 |
| | | 96,000 | 7,630 | 95,500 | | | 109,000 | 17,100 | 107,900 | | | | 68,500 |
| | | 85,800 | 10,650 | 94,600 | | | 95,600 | 16,100 | 92,700 | | 56,500 | 5,040 | 59,000 |
| 10 | | 101,300 | 11,700 | 98,600 | | | | | | | 60,500 | 8,530 | 41,600 |
| 11 | | | | | | | | | | | | | |
| | | 92,620 | 10,160 | 96,020 | | | 104,000 | 18,850 | 99,200 | | 47,480 | 7,070 | 60,680 |
| 6 | 7.59 | | | | | 7.85 | 30,100 | 0 | | | 5.20 | 2,090 | 0 | | |
| 7 | 6.36 | 141,500 | 15,650 | | | 7.39 | | | | | 5.35 | 12,050 | 0 | | |
| 1/8 | 7.63 | 27,600 | 11,600 | | | 7.19 | 31,750 | 0 | | | 5.30 | 4,860 | 0 | | |
| 1/9 | 7.10 | 29,000 | 444 | | | 6.55 | | | | | 5.25 | 12,700 | 0 | | |
| 1/10 | 7.39 | 30,200 | 108 | | | 6.39 | 30,350 | 0 | | | 5.00 | 17,100 | 0 | | |
| 1/11 | 7.52 | 98,400 | 10,050 | | | | | | | | | | | | |
| | 7.25 | -- | -- | | -- | 7.10 | 30,730 | 0 | | | 5.20 | 9,760 | 0 | | |
| | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | 31,900 | | | 10,100 |

*All Bryant effluent samples are spot samples!

SCM CONFIDENTIAL

SD 831141

T. _____

FROM W. E. Kendrick

WEEKLY SUMMARY - WASTE TANK TESTS

(1957) not complete

| INFLUENT | | BRYANT (#/day) | | | | KING (#/day) | | | | | MONARCH (#/day) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date 1958 | Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD |
| 12/30 | | 89,600 | 8,320 | 52,400 | | | | | | | | 41,700 | 5,580 | 61,100 | |
| 31 | | 83,000 | 5,050 | 93,400 | | | | | | | | | | | |
| | | 95,400 | 5,040 | 74,700 | | | | | | | | | | | |
| | | 113,700 | 2,440 | 46,700 | | | 100,200 | 23,150 | 113,000 | | | 49,600 | 8,550 | 73,000 | |
| | | 73,000 | 6,540 | 51,000 | | | 74,700 | 14,290 | 61,700 | | | 41,200 | 13,130 | 58,400 | |
| | | 155,500 | 12,450 | 46,500 | | | | down | | | | | down | | |
| | | 101,700 | 6,640 | 60,780 | | | 87,450 | 16,720 | 97,350 | | | 44,170 | 9,090 | 64,170 | |
| EFFLUENT | | | | | | | | | | | | | | | |
| /30 | 7.17 | 41,900 | 3,010 | | | -- | | | | | 5.05 | 8,840 | 0 | | |
| /31 | 7.65 | 70,300 | 2,520 | | | 7.46 | | | | | 3.95 | | | | |
| 1/1 | 7.65 | | | | | 7.45 | | | | | 4.00 | | | | |
| 1/2 | 7.40 | | | | | 7.12 | 13,680 | 0 | | | 5.00 | 12,900 | 0 | | |
| 1/3 | 7.19 | | | | | 7.00 | 29,700 | 0 | | | 5.00 | | | | |
| 1/4 | 7.50 | | | | | | | down | | | | | down | | |
| 8 | 7.43 | 56,100 | 2,760 | | | 7.26 | 21,690 | 0 | | | 4.60 | 10,870 | 0 | | |
| WRC Order | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | 31,900 | | | 10,100 |

*200 Mesh Wire

SCM CONFIDENTIAL

SCM CONFIDENTIAL

W. E. Kendrick

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | |
| 3/3 | | | 92,800 | 15,550 | 84,900 | | 81,800 | 10,300 | 90,300 | down |
| 4 | | | 117,500 | 13,520 | 99,400 | 31,800 | 101,000 | 12,000 | 110,500 | 29,800 |
| 5 | | | 133,300 | 9,910 | 115,000 | | 84,900 | 9,260 | 109,000 | |
| 6 | | | 160,100 | 16,770 | 108,700 | | 79,750 | 7,740 | 110,300 | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| | | | 125,900 | 13,940 | 102,000 | 31,800 | 86,860 | 9,820 | 105,020 | 29,800 |
| /3 | 7.84 | | | | | 6.67 | 19,170 | 0 | | down |
| /4 | 7.46 | 85,100 | 7,620 | | 24,850 | 6.62 | 30,400 | 0 | 13,380 | |
| 3/5 | 7.66 | | | | | 6.54 | 21,250 | 0 | | |
| 3/6 | 7.46 | | | | | 7.15 | 23,250 | 0 | | |
| 3/7 | | | | | | 7.15 | | | | |
| 3/8 | | | | | | | | | | |
| | 7.670 | 85,100 | 7,620 | | 24,850 | 6.83 | 23,520 | 0 | 13,380 | |
| | | | 76,500 | | 11,100 | | 53,700 | | 16,300 | |

3H 833143

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2/24 | | 115,800 | 8,680 | 95,900 | | | | | | |
| 2/25 | | | | 106,500 | | | 74,100 | 9,480 | 99,200 | |
| 2/26 | | | | | | | 83,100 | 11,910 | 102,500 | |
| 2/27 | | 107,500 | 9,510 | 115,700 | 31,300 | | | | 109,500 | |
| 2/28 | | 102,200 | 9,660 | 113,500 | 38,000 | | 102,000 | 16,050 | 97,400 | 34,000 |
| 3/1 | | | | | | | | | 118,000 | |
| | | 108,500 | 9,280 | 107,900 | 34,650 | | 86,400 | 12,450 | 105,300 | 34,000 |

SCM CONFIDENTIAL

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 7.19 | | | | | | | | | | down |
| 25 | 7.50 | 97,500 | 5,690 | | | | | | | | |
| 26 | 7.61 | 134,000 | 9,020 | | | 7.24 | 15,680 | 0 | | | |
| 27 | 7.12 | 67,100 | 3,120 | | 26,750 | 6.92 | 17,310 | 0 | | 15,800 | |
| 28 | 8.01 | 78,100 | 4,170 | | 25,500 | 7.07 | 25,350 | 0 | | 15,400 | |
| /1 | 7.74 | | | | | 7.07 | 13,550 | 0 | | | |
| | 7.53 | 94,200 | 5,500 | | 26,130 | 7.08 | 17,970 | 0 | | 15,600 | |
| | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7.53 | 84,000 | 5,180 | | 22,100 | 7.00 | | | | | |
| | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | |

SH 035144

W. E. Kendrick

1958

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/3 | | 107,100 | 10,000 | 80,000 | | | 112,800 | 20,550 | 97,300 | | down |
| /4 | | 88,200 | 6,790 | 101,000 | 28,550 | | 138,900 | 21,050 | 135,000 | 40,300 | |
| /5 | | | | | | | | | 118,900 | | |
| /6 | | 105,600 | 10,280 | 120,100 | | | 100,700 | 20,200 | 112,000 | | |
| :/7 | | 102,800 | 8,320 | 110,000 | | | 88,000 | 20,000 | 128,500 | | |
| 2/8 | | 85,500 | 9,510 | 111,000 | | | | | | | |
| | | 97,850 | 8,980 | 104,450 | 28,550 | | 110,100 | 20,450 | 118,360 | 40,300 | |
| 2/3 | 7.38 | | | | | 7.79 | | | | | down |
| 2/4 | 7.56 | 78,100 | 3,620 | | 27,700 | 7.71 | 43,600 | 0 | | 22,300 | |
| 2/5 | 7.60 | 66,800 | 4.120 | | 29,350 | 7.71 | 46,800 | 0 | | 17,870 | |
| 2/6 | 7.58 | | | | | 7.07 | | | | | |
| 2/7 | 7.52 | | | | | 7.71 | | | | | |
| 2/8 | 7.60 | | | | | 7.39 | | | | | |
| | 7.54 | 72,450 | 3,870 | | 28,520 | 7.56 | 45,200 | 0 | | 20,080 | |
| | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | |

SCM CONFIDENTIAL

SA 035145

SCM CONFIDENTIAL

W/ E. Kendrick

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | |
| 1/27 | | 91,500 | 12,850 | 80,400 | | | 119,000 | 22,950 | 107,000 | | down |
| /28 | | 97,600 | 9,660 | 108,000 | 30,100 | | 121,300 | 23,300 | 109,300 | 29,700 | |
| /29 | | 104,000 | 8,030 | 107,000 | 25,700 | | 113,700 | 26,700 | 118,800 | | |
| /30 | | 111,300 | 15,500 | 98,000 | 33,500 | | 125,000 | 26,700 | 115,700 | | |
| 1/31 | | 98,900 | 7,720 | 113,500 | 37,700 | | 146,200 | 21,400 | 125,000 | | |
| 2/1 | | 113,800 | 10,300 | 114,000 | | | 113,000 | 19,000 | 103,800 | | |
| | | 102,850 | 10,680 | 103,500 | 31,750 | | 123,000 | 23,840 | 113,270 | 29,700 | |
| | | 42.8% Sus. Sol. Removal | | | | | | | | | |
| 1/27 | 7.42 | 28,500 | 3,250 | | | 8.02 | 25,450 | 0 | | | down |
| 1/28 | 7.61 | 48,200 | 6,180 | | 25,850 | | | | | | |
| 1/29 | 7.55 | 73,000 | 8,030 | | 23,950 | | | | | | |
| 1/30 | 7.59 | 69,500 | 6,480 | | 26,200 | | | | | | |
| 1/31 | 7.56 | 74,400 | 4,260 | | 31,500 | | | | | | |
| 2/1 | 7.61 | | | | | 6.38 | | | | | |
| | 7.56 | 58,720 | 5,640 | | 26,900 | 7.20 | 25,450 | 0 | | | |
| | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | |

SD 035149

SCM CONFIDENTIAL

W. E. Kendrick

| 1958 | BRYANT (#/day) | | | | KING (#/day) | | | | MARCH (#/day) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| 1/20 | | 98,600 | 11,200 | 69,500 | | 61,200 | 14,550 | 68,200 | | | down | |
| 21 | | 91,200 | 7,190 | 93,700 | 21,600 | 114,100 | 23,200 | 105,000 | 34,900 | | | |
| 22 | | 83,000 | 9,900 | 99,400 | 21,800 | 115,100 | 24,450 | 108,000 | 32,600 | | | |
| 23 | | 64,000 | 7,640 | 81,300 | | 112,100 | 18,700 | 106,000 | | | | |
| /24 | | 100,800 | 11,650 | 86,100 | | 131,200 | 20,700 | 104,300 | | | | |
| /25 | | 92,500 | 10,610 | 85,500 | | 123,500 | 23,400 | 88,400 | | | | |
| | | 88,350 | 9,700 | 85,920 | 21,700 | 109,500 | 20,830 | 96,650 | 33,750 | | | |
| | | 25.4% Sus. Solids Removal | | | | 67.1% Sus. Solids Removal | | | | | | |
| /20 | 7.59 | 43,000 | 3,790 | | | 4.96 | 12,400 | 0 | | | down | |
| /21 | 7.50 | 67,400 | 5,150 | | 19,500 | 7.87 | 31,500 | 0 | 17,900 | | | |
| 1/22 | 7.44 | 68,200 | 6,200 | | 22,750 | 7.63 | 39,400 | 0 | 18,670 | | | |
| 1/23 | 5.73 | 54,400 | 5,620 | | | 7.47 | 44,800 | 0 | | | | |
| 1/24 | 7.65 | 75,300 | 6,860 | | | 7.15 | 45,300 | 0 | | | | |
| 1/25 | 7.60 | 87,400 | 7,290 | | | 7.07 | 43,600 | 0 | | | | |
| | 7.25 | 65,950 | 5,820 | | 21,120 | 7.04 | 36,170 | 0 | 18,285 | | | |
| | | 76,500 | | | 11,100 | | 53,700 | | 16,300 | | | |

SM 035147

TO: _____

# WEEKLY SUMMARY - WASTE TANK TESTS

FROM: W. E. Kendrick

| INFLUENT | BRYANT (#/day) | | | | | KING (#/day) | | | | | MONARCH (#/day) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date 1957 | Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD |
| M 1/13 | | 160,000 | 26,200 | 93,600 | | | 70,750 | 25,800 | 79,700 | | | 137,100 | 25,100 | 75,800 | |
| 14 | | | | 92,400 | | | 109,700 | 18,980 | 105,000 | 24,100 | | 75,200 | 12,170 | 55,500 | 15,080 |
| 15 | | | | 115,800 | | | 96,000 | 17,500 | 93,000 | 25,800 | | 46,800 | 9,960 | 73,800 | 18,380 |
| 16 | | 128,900 | 15,850 | 68,300 | 33,600 | | 111,500 | 14,380 | 62,000 | 27,050 | | 44,750 | 10,420 | 39,800 | |
| /17 | | 147,000 | 18,370 | 143,300 | | | 125,500 | 20,200 | 99,500 | | | | down | | |
| /18 | | 71,000 | 9,030 | 96,500 | | | 100,000 | 16,900 | 102,700 | | | | down | | |
| Avg. | | 126,470 | 17,360 | 101,620 | 33,600 | | 102,240 | 18,960 | 90,320 | 25,650 | | 75,960 | 14,410 | 61,220 | 16,730 |
| EFFLUENT | | | | | | | | | | | | | | | |
| /13 | 7.49 | | | | | 6.84 | 20,500 | 0 | | | 5.05 | 17,700 | 0 | | |
| 1/14 | 7.64 | 80,200 | 6,050 | | 17,690 | 7.00 | 15,180 | 0 | | 18,750 | 4.75 | 15,850 | 0 | | |
| W 1/15 | 7.51 | 88,900 | 7,830 | | 24,600 | 6.76 | 19,170 | 0 | | 17,450 | 5.20 | 17,350 | 0 | | |
| T 1/16 | 7.45 | 67,200 | 5,910 | | 20,650 | 6.76 | 28,150 | 0 | | 15,930 | 4.55 | | | | |
| F 1/17 | 7.47 | 81,000 | 7,770 | | | 7.23 | 26,500 | 0 | | | 0.55 | | down | | |
| S 1/18 | 7.47 | | | | | 7.24 | 18,700 | 0 | | | | | down | | |
| Avg. | 7.50 | 79,320 | 6,890 | | 20,980 | 6.97 | 21,370 | 0 | | 17,370 | 4.89 | 16,970 | 0 | | |
| WRC order | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | 31,900 | | | 10,100 |

*200 Mesh Wire

SCM CONFIDENTIAL

[illegible] - WASTE TANK TESTS

[illegible] W. E. Kendrick

| [illegible] | BRYANT (#/day) | | | | | [illegible] (#/day) | | | | | MONARCH (#/day) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date 1958 | [illegible] | Gas Solids | Fiber* | Soluble | BOD | [illegible] | Gas Solids | Fiber* | Soluble | BOD | [illegible] | Gas Solids | Fiber* | Soluble | [illegible] |
| 1/6 | | | | | | | 96,100 | 21,300 | 91,600 | | | 24,300 | 8,460 | 60,700 | |
| /7 | | 87,400 | 10,650 | 95,400 | | | 115,100 | 20,900 | 104,800 | | | 48,600 | 6,240 | 73,600 | |
| [illegible] | | 96,000 | 7,630 | 95,500 | | | 109,000 | 17,100 | 107,900 | | | | | 68,500 | |
| /9 | | 85,800 | 10,650 | 94,600 | 19,780 | | 95,600 | 16,100 | 92,700 | [illegible] | | 56,500 | 5,040 | 59,000 | 12,700 |
| 1/10 | | 101,300 | 11,700 | 98,600 | 17,990 | | | | | | | 60,500 | 8,530 | 41,600 | 11,[illegible] |
| 1/11 | | | | | | | | | | | | | | | |
| Avg | | 92,620 | 10,160 | 96,020 | 18,885 | | 104,000 | 18,850 | 99,200 | [illegible] | | 47,480 | 7,070 | 60,680 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | |
| 1/6 | 7.59 | | | | | 7.85 | 30,100 | 0 | | | 5.20 | 2,090 | 0 | | |
| 1/7 | 6.36 | *141,500 | 15,650 | | | 7.39 | | | | | 5.35 | 12,050 | 0 | | |
| 1/8 | 7.63 | 27,600 | 11,600 | | | 7.19 | 31,750 | 0 | | | 5.30 | 4,860 | 0 | | |
| 1/9 | 7.10 | 29,000 | 444 | | 19,700 | 6.55 | | | | 14,[illegible] | 5.25 | 12,700 | 0 | | 11,710 |
| 1/10 | 7.39 | 30,200 | 108 | | 8,720 | 6.39 | 30,350 | 0 | | 14,990 | 5.00 | 17,100 | 0 | | 10,500 |
| 1/11 | 7.52 | 98,400 | 10,050 | | | | | | | | | | | | |
| Avg | 7.25 | -- | -- | | -- | 7.10 | 30,730 | 0 | | 14,745 | 5.20 | 9,760 | 0 | | 11,10[illegible] |
| WRC Order | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | 31,900 | | | 10,100 |

*[illegible] Mean Wire

*All Bryant effluent samples are spot samples!

SCM CONFIDENTIAL

SH 035149

SCM CONFIDENTIAL

[redacted] WEEKLY SUMMARY - WASTE TANK TESTS

FROM W. E. Kendrick

1958 not complete

| INFLUENT | BRYANT (#/day) | | | | | KING (#/day) | | | | | MONARCH (#/day) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date 1958 | Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD |
| 12/30 | | 89,600 | 8,320 | 52,400 | | | | | | | | 41,700 | 5,580 | 61,100 | |
| 31 | | 83,000 | 5,050 | 93,400 | | | | | | | | | | | |
| | | 95,400 | 5,040 | 74,700 | | | | | | | | | | | |
| | | 113,700 | 2,440 | 46,700 | | | 100,200 | 23,150 | 113,000 | | | 49,600 | 8,550 | 73,000 | |
| 3 | | 73,000 | 6,540 | 51,000 | | | 74,700 | 14,290 | 81,700 | | | 41,200 | 13,130 | 58,400 | |
| 4 | | 155,500 | 12,450 | 46,500 | | | | down | | | | | down | | |
| [illegible] | | 101,700 | 6,640 | 60,780 | | | 87,450 | 18,720 | 97,350 | | | 44,170 | 9,090 | 64,170 | |
| EFFLUENT | | | | | | | | | | | | | | | |
| /30 | 7.17 | 41,900 | 3,010 | | | -- | | | | | 5.05 | 8,840 | 0 | | |
| 12/31 | 7.65 | 70,300 | 2,520 | | | 7.46 | | | | | 3.95 | | | | |
| 1/1 | 7.65 | | | | | 7.45 | | | | | 4.00 | | | | |
| 1/2 | 7.40 | | | | | 7.12 | 13,680 | 0 | | | 5.00 | 12,900 | 0 | | |
| 1/3 | 7.19 | | | | | 7.00 | 29,700 | 0 | | | 5.00 | | | | |
| 1/4 | 7.50 | | | | | | | down | | | | | down | | |
| A.B. | 7.43 | 56,100 | 2,760 | | | 7.26 | 21,690 | 0 | | | 4.60 | 10,870 | 0 | | |
| WMC Order | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | 31,900 | | | 10,100 |

*200 Mesh Wire

To: R. [illegible] Larson

From: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, [illegible] Owen, L. J. Gilman, L. Gayou, V. Weaver, S. Stetz, U. G. Stoeffler, C. Mason, B. Buenger, D. Falvey, M. Carl

1959 [illegible] DIVISION

| | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Efficiency | | Waste Paper [illegible] Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sus. Solids | Fibers | Soluble | BOD | Flow (MGD) | Sus. Solids | Fibers | BOD | Solids | BOD | Tons | % Bo[illegible] |
| 2/1 | 132,000 | 23,600 | 96,000 | - | 6.77 | 6,760 | 0 | - | 94.0 | - | 173.8 | 63.6 |
| 2/2 | 99,[illegible]00 | 16,600 | 90,000 | - | 6.77 | 93,000 ** | 11,200 ** | - | 6.15 | - | 189.7 | 65.6 |
| /3 | 116,000 | 18,800 | 107,000 | - | 6.77 | 89,000 ** | 8,400 ** | - | 23.3 | - | 234.2 | 65.0 |
| /8 | 105,000 | 14,800 | 108,800 | 41,200 | 6.87 | 57,200 ** | 0 | 38,400 ** | 45.5 | 6.8 | 241.5 | 67.0 |
| /9 | 141,200 | 22,800 | 117,800 | - | 7.19 | 9,000 ** | 0 | - | 93.5 | - | 201.4 | 66.6 |
| /10 | No | Samples | | - | 6.87 | 37,900 ** | 0 | - | - | - | 241.6 | 71.9 |
| /15 | 110,800 | 18,000 | 107,800 | - | 7.19 | 79,000 ** | 9,000 | - | 29.7 | - | 226.8 | 65.1 |
| /16 | 86,700 | 12,600 | 86,000 | - | 6.87 | 28,600 ** | 2,800 | - | 67.1 | - | 228.2 | 67.6 |
| /17 | 134,500 | 20,000 | 78,700 | 37,000 | 7.28 | 38,700 ** | 0 | 22,400 | 71.3 | 39.5 | 203.3 | 66.1 |
| /22 | No | Samples | | - | 7.00 | No | Samples | - | - | - | 234.2 | 65.6 |
| /23 | No | Samples | | - | 7.00 | No | Samples | - | - | - | 202.4 | 63.6 |
| 12/24 | Mill | Down | - | - | - | Mill | Down | - | - | - | - | - |
| 12/29 | No | Samples | | - | 6.79 | 39,500 | 0 | - | - | - | 212.6 | 60.2 |
| 12/30 | No | Samples | | - | 7.00 | 42,000 | 0 | - | - | - | 226.2 | 69.9 |
| 12/31 | No | Samples | | - | 7.00 | No | Samples | - | - | - | 171.3 | 70.2 |
| | 115,600 | 18,400 | 99,000 | 39,100 | 6.95 | 47,300 | 7,850 | 30,400 | 53.8 | 23.1 | 213.4 | 66.3 |
| [illegible] Order | | | | | | 53,700 | | 16,300 | | | | |

[illegible] Rush ** Spot Sampling

SCM CONFIDENTIAL

1959

MONTHLY SUMMARY - [illegible] PAGE LISTS

To: [illegible] Parson  cc: W. D. Harrison, R. D. Levy, H. B. Johnston, G. H. Baldauf, L. L. Owen, [illegible] J. Gilman, ~~[illegible]~~, ~~[illegible]~~, L. Gayou, S. Stetz, U. G. Stoeffler, ~~[illegible]~~, B. Buenger, D. Falvey, V. Weaver, W. Garrity, C. Mason

From: R. J. Willie

1959

ING DIVISION Influent (#/day) | Effluent (#/day) | Waste Tap In

| Date | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | BOD | % Efficiency Solids | % Efficiency BOD | Remo[illegible] Tons | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T11/3 | ** TANK DOWN | | - | - | *** 6.50 | TANK DOWN | | | - | - | 242.2 | 66.6 |
| 1/4 | " | " | " | " | 6.50 | " | " | " | - | - | 234.9 | 66.3 |
| 1/5 | " | " | " | " | 6.50 | " | " | " | - | - | 247.4 | 62.[illegible] |
| 1/10 | - No | Samples | - | - | 7.36 | No Samples | | - | - | - | 233.4 | 67.6 |
| 11/11 | - No | Samples | - | - | 7.36 | No Samples | | - | - | - | 155.5 | 69.[illegible] |
| 11/12 | 88,500 | 12,600 | 110,000 | - | 7.37 | 28,200 | 0 | - | 68.1 | - | 179.1 | 64.[illegible] |
| 11/17 | 150,000 | 28,100 | 152000 | 46,700 | 7.02 | 103,000 | 0 | 40,000 | 31.3 | 14.3 | 221.6 | 69.7 |
| 11/18 | 137,000 | 18,900 | 114,000 | - | 6.23 | 31,200 | 0 | - | 77.2 | - | 263.2 | 64.[illegible] |
| 11/19 | - No | Samples | - | - | 7.02 | No Samples | | - | - | - | 214.0 | 60.[illegible] |
| 11/24 | 154,500 | 23,100 | 70,200 | - | 7.02 | 67,800 | 0 | - | 56.1 | - | 243.2 | 64.[illegible] |
| W11/25 | - DOWN | | - | - | - | DOWN | - | - | - | - | - | - |
| T11/26 | " | " | " | " | " | " | " | " " | " | " | " | " |
| T | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| Ave | 132,500 | 20,670 | 111,550 | 46,700 | 6.89 | 57,550 | 0 | 40,000 | 58.2 | 14.3 | 223.4 | 65.[illegible] |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

*[illegible] ** MOTOR STILL OUT. ***ESTIMATED FLOW

SCM CONFIDENTIAL

SA 035152

# MONTHLY SUMMARY - WASTE TANK TESTS

To: R. A. Larson

From: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B. Owen, E. J. Gilman, A. M. Mulder, ~~D. Mendham~~, S. Stetz, U. G. Stoeffler, R. Bell, B. Buenger, D. Falvey, V. Weaver, W. Garrity

| FIBER DIVISION | Influent (#/day) | | | | Effluent (#/day) | | | | Waste Pap In Regular | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 ? Date | Sus. Solids | Fiber# | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber# | BOD | % Efficiency Solids | % Efficiency BOD | Tons | % |
| [illegible] | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| Ave | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

#200 m[illegible] . [illegible] Estimated Flow [illegible] Burned out [illegible] on big pump to settling tank

SCM CONFIDENTIAL

SA 035153

MONTHLY [illegible] — WASTE TANK [illegible]

[illegible] R [illegible] [illegible]arson

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldout, L. B. [illegible]wen, E. J. Gilman, A. M. Mulder, D. Mendham, S. Stetz, U. C. Stoofler, R. Bell, B. Buenger, D. Falvey, V. Weaver

From: R. J. Willie

[illegible]NC DIVISION

| [illegible] | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Efficiency | | Waste Paper Input Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | Tons Solids | Fibers | Soluble | BOD | Flow (MGD) | Tons Solids | Fibers | BOD | Solids | BOD | Tons | % Book |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| [illegible]e | | | | | | | | | | | | |
| RC Order | | | | | | 53,700 | | 16,300 | | | | |

[illegible]0 Mes.

SCM CONFIDENTIAL

5A 035154

[illegible] SUMMARY [illegible]

[illegible] R [illegible] arson [illegible]

rom: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B[illegible]ven, E. J. Cilman, A. M. Mulder, D. Mendham, S. Stetz, U. G. Stoeffler, R. Bell, B. Buenger, D. Falvey, V. Weaver, W. J. Garrity

[illegible]INC DIVISION

| 1959 | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible]-4 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible]6 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| -11 | [illegible] | [illegible] | 62,320 | -- | [illegible] | 17,[illegible] | 0 | | [illegible] | -- | 151.2 | 68.3 |
| -12 | [illegible] | [illegible] | [illegible] | -- | [illegible] | [illegible] | 0 | -- | 71.0 | -- | 218.8 | 70.7 |
| 13 | [illegible] | [illegible] | [illegible] | | 6.39 | [illegible] | 0 | -- | [illegible] | -- | 217.2 | 64.[illegible] |
| [illegible] | | | -- | -- | [illegible] | [illegible] | [illegible] | -- | | | [illegible] | [illegible] |
| -19 | [illegible] | [illegible] | [illegible] | 32,300 | 6.59 | 31,900 | 0 | 20,800 | 71.[illegible] | [illegible].4 | 164.0 | 67.1 |
| -20 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible].40 | no sample | | [illegible] | -- | | 155.8 | 75.5 |
| -25 | [illegible] | [illegible] | 114,000 | [illegible] | 6.[illegible]3 | 44,[illegible] | 0 | 31,300 | 72.[illegible] | [illegible] | [illegible] | 61.1 |
| -26 | [illegible] | [illegible] | [illegible]07,000 | -- | 6.55 | [illegible],200 | 0 | -- | 71.3 | | 200.9 | 60.1 |
| -27 | [illegible] | [illegible] | [illegible],500 | -- | 6.63 | 22,[illegible] | 0 | -- | 77.6 | | [illegible] | [illegible] |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| [illegible] | 105,770 | 16,[illegible]40 | 89,900 | 43,500 | 6.47 | 33,350 | 0 | 26,050 | 68.3 | 39.1 | 197.8 | 66.9 |
| RC Order | | | | | | 53,700 | | 16,300 | | | | |

[illegible] Mea

SCM CONFIDENTIAL

SA 035155

1969

To: [illegible] From: [illegible] cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Faldauf, [illegible], J. Gilman, [illegible] Mulder, D. Mendham, [illegible] Steiz, C. Stoeffler, [illegible] Bell, [illegible] Buenger, [illegible], V. Weaver

[illegible] DIVISION

| 1969 | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | % Removal | | Waste Paper Input | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | BOD | Solids | BOD | Tons | % [illegible] |
| [illegible] | [illegible] | | [illegible] | | | | | | | | | |
| [illegible] | [illegible] | | [illegible] | | [illegible] | | | | | | | |
| [illegible] | [illegible] | | [illegible] | | | | | | | | | |
| [illegible] | | | [illegible] | | | | | | | | | |
| [illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | | | | | | |
| [illegible] | | | 88,[illegible] | | | | | | | | | |
| [illegible] | | | [illegible] | | | | | | | | | |
| [illegible] | | | | | [illegible] | | | | | | | |
| [illegible] | [illegible] | | 112,800 | 33,0[illegible] | | | | [illegible] | | | [illegible] | |
| Per Permit | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

SA 035156

1484

To: R. [redacted]arson

cc: W. D. Harrison, L. [redacted]en, S. Stets, D Falvey, [redacted], R. M. Levy, E. J. Gilman, U. C. Stoeffler, V Weaver, H. B. Johnston, A. M. Mulder, R. Beli, G. H. Baldauf, D Mendham, B. Buenger

From R. J. Willie

KING DIVISION

| 1969 Date | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| [illegible] | 210,000 | [illegible] | 124,500 | --- | [illegible] | [illegible] | [illegible] | --- | [illegible] | | [illegible] | [illegible] |
| [illegible] | --- | [illegible] | --- | --- | [illegible] | [illegible] | [illegible] | | | | [illegible] | [illegible] |
| 7 | 170,000 | [illegible] | 130,500 | --- | 6.03 | [illegible] | | --- | [illegible] | | [illegible] | [illegible] |
| 8 | [illegible] | [illegible] | 123,500 | 33,700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] |
| 9 | [illegible] | [illegible] | 122,000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | |
| 10 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | |
| 11 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | |
| 12 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | |
| 13 | 130,000 | [illegible] | 123,000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | |
| 14 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | |
| W 15 | 207,000 | [illegible] | 88,500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] |
| T 16 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | |
| T 17 | | | | | | | | | | | | |
| T 18 | D [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | | | | |
| T 19 | | | | | | | | | | | | |
| Ave | 214,300 | [illegible] | 112,800 | 33,000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ARC Order | | | | | | 53.700 | | 16.300 | | | | |

SCM CONFIDENTIAL

035157

R+D

R M Ley

B D Johnston

G H Baldauf

...SBCN

| Date | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal (%) | | Waste Paper ... Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sus. Solids | Fiber* | Soluble | ECD | Flow (MGD) | Sus. Solids | Fiber* | ECD | Solids | ECD | Tons | % Bo... |
| 7/2 | 158,500 | 17,000 | 125,000 | -- | 6.23 | [illegible] | 0 | -- | 99.2 | -- | 266.7 | 73.6 |
| [illegible] | ---no samples--- | | | | 6.35 | ---no sample... | | | | | 252.5 | 73.0 |
| 1 | 116,000 | 16,200 | 98,500 | 37,510 | 6.23 | 12,000 | 0 | 32,770 | 89.7 | 10.6 | 216.7 | 74.0 |
| [redacted] | [redacted] | [redacted] | [redacted] | -- | 6.23 | 59,200 | 0 | -- | 55.6 | -- | 236.6 | 67.4 |
| [redacted] | [redacted] | 16,800 | 91,500 | 38,150 | 6.47 | [illegible] | 0 | [illegible] | [illegible] | [illegible] | [illegible] | 68.5 |
| 11 | 133,000 | 15,000 | 130,000 | -- | [illegible] | [illegible] | 0 | -- | [illegible] | [illegible] | 231.6 | 69.1 |
| 12 | ---no samples--- | | | | [illegible] | [illegible] | [illegible] | -- | [illegible] | -- | [illegible] | [illegible] |
| 13 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 14 | 174,000 | 27,000 | [illegible] | -- | 6.71 | [illegible] | 0 | -- | [illegible] | [illegible] | [illegible] | [illegible] |
| 15 | 136,000 | 11,800 | 120,000 | | 6.61 | [illegible] | [illegible] | -- | [illegible] | -- | 250.0 | 62 |
| 16 | ---no samples--- | | | | [illegible] | [illegible] | [illegible] | -- | | -- | [illegible] | [illegible] |
| 17 | 126,000 | 19,700 | 103,000 | -- | 7.02 | [illegible] | [illegible] | -- | [illegible] | -- | 233.0 | 64.7 |
| 18 | ---no samples--- | | | | 6.31 | ---no samples--- | | | | | 185.1 | 64 |
| | [illegible] | | | | | | | | | | | |
| | [illegible] | | | | | | | | | | | |
| [illegible] | [illegible] | -- | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | | | | | 53,700 | | 14,[illegible] | | | | |

SCM CONFIDENTIAL

SH 835158

[illegible] endham [illegible] Buenger

| [illegible] | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal | | Waste [illegible] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | [illegible] | [illegible] | [illegible] | [illegible] | Flow [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | 9,700 | 91,000 | | 6.00 | 19,100 | 0 | | 92.0% | | 173.7 | 68.7 |
| 5/6 | 110,000 | 6,250 | 1[illegible]3,000 | | 6.16 | 37,000 | 0 | | 65.3% | | 263.[illegible] | 70.[illegible] |
| 5/7 | 112,000 | 9,200 | 109,[illegible] | | 6.2[illegible] | 49,800 | 0 | | [illegible] | | 265.[illegible] | 67.[illegible] |
| [illegible] | ------- | NO SAMPLES | | | [illegible] | ---- NO SAMPLES | | | ------ | | 240.4 | 69.3 |
| 5/13 | 124,000 | 9,400 | [illegible] | [illegible],870 | 6.23 | [illegible]3,200 | 0 | 25,540 | 73.3% | 24.5 | 232.8 | 67.[illegible] |
| [illegible] | ------- | NO SA[illegible] | | | [illegible] | --- NO SAMPLES | | | [illegible] | | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | 27,300 | 0 | | 79.[illegible] | | [illegible] | 66.[illegible] |
| [illegible] | ------- | NO S[illegible] | | | [illegible] | --- NO SAMPLES | | | [illegible] | | [illegible] | [illegible] |
| 5/[illegible] | [illegible]8,000 | 25,500 | [illegible] | | [illegible].55 | 31,600 | 0 | | 74.5 | | 230.[illegible] | 66.0 |
| 5/26 | 136,000 | 19,400 | [illegible] | | 6.5[illegible] | 35,000 | 0 | | 74.3 | | 2[illegible]7.6 | 69.6 |
| 5/27 | 118,000 | 16,400 | [illegible] | [illegible] | [illegible] | [illegible] | 0 | [illegible] | [illegible].2 | 21.0 | [illegible] | [illegible] |
| [illegible] | [illegible] | 9,50[illegible] | [illegible] | | [illegible] | 81,000 | 0 | | 2[illegible] | | [illegible] | [illegible] |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 122,440 | 13,500 | 108,200 | 35,085 | 6.36 | 40,480 | 0 | 27,220 | 66.5 | 22.7 | 238.6 | 67.5 |
| | | | | | | [illegible] | | [illegible] | | | | |
| | | | | | | 5,[illegible] | | | | | | |
| [illegible] | 105,560 | 12,730 | 99,750 | 34,700 | 5.93 | 34,4[illegible] | | | | | | |

SCM CONFIDENTIAL

To: R. [illegible] Larson ✓

From: R J Willis

cc: W. D. Harrison, R. M. Lew, H. B. Johnston, C. H. Baldaut, [illegible] B. Owen, E. J. Gilman, A. M. Mulder, D. Kendham, S. Stetz, L. G. Stoeffler, R. Bell, B. Buenger, D. [illegible], V. Weiner

KING DIVISION

| 1959 | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal | | Waste Paper Input | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Solids | Fibers | Soluble | BOD | Flow (MGD) | Solids | Fibers | BOD | Solids | BOD | Regular Lot | Regular % |
| 3/30 | no sample | | | | 6.50 | 24,000 | 0 | | | | 210.0 | 68.3 |
| | no sample | | | | [illegible] | no sample | 0 | | | | [illegible] | [illegible] |
| | 98,500 | 11,100 | 104,000 | | [illegible] | [illegible] | [illegible] | | | | [illegible] | [illegible] |
| | 86,[illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | | | | [illegible] | 65.0 |
| | 92,700 | 5,500 | 113,500 | | 6.75 | [illegible] | [illegible] | | | | 229.7 | 67.4 |
| | no sample | | | | 6.50 | [illegible] | 0 | | | | [illegible] | [illegible] |
| | 92,400 | 9,165 | 110,000 | | 6.59 | [illegible] | [illegible] | | | | [illegible] | [illegible] |
| [illegible] Order | | | | | | | | | | | | |
| [illegible] DIVISION | | | | | | | | | | | | |
| 3/30 | 85,500 | 10,900 | 81,300 | | 6.[illegible] | [illegible],200 | [illegible] | | | | [illegible] | [illegible] |
| 3/31 | no sample | | | | 6.50 | no sample | 0 | | | | [illegible] | [illegible] |
| 4/1 | 121,000 | 15,100 | 87,500 | | 6.55 | 101,000 | 0 | | | | 173.3 | 70.0 |
| 4/2 | 87,000 | 6,300 | 119,000 | | 6.50 | [illegible],000 | 0 | | | | 173.9 | [illegible] |
| 4/3 | no sample | | | | 6.50 | no sample | 0 | | | | 159.2 | 70.2 |
| 4/4 | no sample | | | | 6.50 | no sample | 0 | | | | 170.2 | 71.5 |
| [illegible] | 97,833 | 10,766 | 95,933 | | 6.51 | 71,733 | 0 | | | | 170.9 | 70.0 |
| [illegible] Order | | | | | | 76,500 | | 11,100 | | | | |

SCM CONFIDENTIAL

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1959 | | | | | | | | |
| /23 | 79,500 | 8,450 | 94,000 | 6.63 | 30,400 | 0 | 170.3 | 67.7 |
| | 103,000 | 11,900 | 81,000 | 6.16 | 29,000 | 0 | 217.3 | 66.2 |
| | 74,000 | 9,900 | 77,000 | 5.76 | [illegible] | 0 | 201.9 | 67.0 |
| | 115,300 | 15,250 | [illegible] | 5.62 | [illegible] | 0 | 235.8 | 67.3 |
| | ----no sample---------- | | | 5.[illegible] | [illegible] | 0 | 249.2 | 67.7 |
| 1 | [illegible] | 12,700 | [illegible] | 6.47 | no sample | 0 | 375.1 | 67.4 |
| | [illegible] | 11,760 | [illegible] | [illegible] | [illegible] | 0 | 221.6 | 67.2 |
| 3 | 134,000 | 16,400 | 124,000 | 7.80 | 31,200 | 0 | 173.9 | 69.5 |
| /24 | 84,500 | 8,800 | 75,800 | 6.50 | 60,500 | 0 | 176.9 | 67.2 |
| /25 | 93,200 | 12,100 | 86,500 | 6.50 | 22,700 | 0 | 177.0 | 62.0 |
| /26 | 94,300 | 20,700 | 54,100 | 6.50 | 20,500 | 0 | 154.8 | 62.1 |
| /27 | 95,500 | 11,700 | 65,000 | 6.50 | 30,400 | 0 | 163.2 | 69.4 |
| /28 | ----no sample---------- | | | 6.50 | no sample | 0 | 141.9 | 71.2 |
| | 100,300 | 13,940 | 81,080 | 6.71 | 33,060 | 0 | 164.9 | 66.9 |

SCM CONFIDENTIAL

SA 035161

SCM CONFIDENTIAL

To: R. Larson

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B. Owen, E. J. Gilman, A. M. Mulder, D. Mendham, S. Stetz, U. C. Stoeffler, R. Bell, B. Buenger, D. Farley, V. Weaver

From: R. J. Willie

KING DIVISION

| Date 1959 | INFLUENT (#/day) Susp. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MCD) | Susp. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/16 | --------no samples**-------- | | | | 6.50 | ----no sample**---- | | | | | 232 | 72.6 |
| 3/17 | 94,500 | 10,100 | 130,000 | | 6.50 | 22,700 | 0 | | | | 224 | |
| 18 | 88,200 | 9,850 | 71,700 | | 6.16 | 10,250 | 0 | | | | 210 | |
| 19 | 133,000 | 15,300 | 66,700 | | 5.70 | 44,700 | 0 | | | | 238 | |
| 20 | 98,700 | 11,400 | 115,000 | | 5.75 | 33,500 | 0 | | | | 236 | |
| 21 | 101,000 | 12,900 | 104,000 | ? | 5.93 | no sample | 0 | | | | 247 | |
| Sat. | 103,080 | 11,910 | 97,480 | ? | 6.09 | 27,787 | 0 | | | | 231 | |
| KC Order | | | | | | 53,760 | | 16,300 | | | | |

RYANT DIVISION

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 78,500 | 9,400 | 75,500 | | 8.25 | 17,900 | 0 | | | | 162.2 | 66.8 |
| 3/17 | 130,500 | 16,200 | 130,900 | | 8.36 | 30,500 | 0 | | | | 154.4 | 67.5 |
| 3/18 | 113,000 | 13,700 | 62,700 | | 8.37 | 4,000 | 0 | | | | 148.1 | 64.5 |
| 3/19 | 116,000 | 12,800 | 91,000 | | 8.43 | 47,300 | 0 | | | | 128.8 | 60.5 |
| 3/20 | 142,000 | 13,200 | 145,000 | | 8.73 | 111,000 | 0 | | | | 165.3 | 62.4 |
| 3/21 | 146,000 | 19,000 | 131,000 | ? | 8.75 | no sample | 0 | | | | 184.0 | 63.8 |
| Sat. | 121,000 | 14,050 | 106,017 | ? | 8.48 | 42,140 | 0 | | | | 157.1 | 64.2 |
| KC Order | | | | | | 76,500 | | 11,100 | | | | |

**bar grates plugged - bypassing settling t

L. B. Owen
G. H. Baldauf

W. Vastrick

U. G. Stoeffler

1959

| 1959 | | | Soluble | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3/9 | 100,400 | 11,750 | 97,500 | 6.50 | 19,500 | 0 | | | 20 |
| 10 | 61,300 | 5,500 | 136,200 | 6.55 | 10,900 | 0 | | | 17 |
| 11 | 100,100 | 9,950 | 100,900 | 6.23 | 32,100 | 0 | | | 19 |
| 12 | 130,200 | 24,500 | 100,700 | 6.39 | 36,000 | 0 | | | 2 |
| 13 | ---no sample** | | | 6.31 | no sample** | 0 | | | 2 |
| 14 | ---no sample** | | | 6.50 | no sample** | 0 | | | 2 |
| | 93,000 | 12,925 | 108,825 | 6.41 | 24,625 | 0 | | | 2 |
| 3/9 | 95,000 | 13,300 | 54,200 | 5.89 | 6,900 | 0 | | | 149.1 | 74.0 |
| 3/10 | 87,500 | 10,500 | 81,000 | 5.70 | 16,100 | 0 | | | 190.8 | 75.6 |
| 3/11 | 100,700 | 17,700 | 100,350 | 8.27 | 24,800 | 0 | | | 143.7 | 70.4 |
| 3/12 | 130,200 | 14,900 | 110,900 | 8.43 | 28,000 | 0 | | | 176.1 | 67.6 |
| 3/13 | 120,700 | 10,300 | 98,000 | 8.40 | 143,000 | 0 | | | 160.1 | 67.2 |
| 3/14 | 100,400 | 13,350 | 143,000 | 9.06 | no sample | 0 | | | 117.9 | 70.3 |
| | 105,750 | 13,340 | 97,908 | 7.62 | 43,760 | 0 | | | 156.3 | 70.9 |

SCM CONFIDENTIAL

SA 035163

SCM CONFIDENTIAL

# WEEKLY SUMMARY - WASTE TANK TESTS

To: Harvey Nelson ✓ cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. E. Owen, C. A. Towne, E. J. Gilman, A. M. Mulder, W. Vastrick, H. L. Field, D. Mendham, S. Stetz, U. C. Stoeffler, R. Bell, B. Buenger, D. Falvey, V. Weaver

From: R. J. Willie

KING DIVISION

| 1959 Date | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 3/2 | 126,000 | 9,600 | 98,200 | | 6.55 | 25,000 | 0 | | | | 130.1 | 69.1 |
| T 3 | ----no | sample---------- | | | 6.50 | 21,700 | 0 | | | | 21 | |
| W 4 | 375,000** | 81,800** | 104,000 | | 6.25 | 8,300 | 0 | | | | 22 | |
| T 5 | 100,500 | 12,000 | 111,600 | | 6.31 | 20,000 | 0 | | | | 21 | |
| F 6 | 100,900 | 10,700 | 130,200 | | 6.37 | 15,900 | 0 | | | | 20 | |
| S 7 | 114,000 | 13,000 | 100,000 | | 6.35 | no sample | 0 | | | | 21 | |
| Avg | 159,440 | 25,420 | 108,800 | | 6.39 | 18,180 | 0 | | | | 21 | |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |
| BRYANT DIVISION | | | | | | | | | | | | |
| M 3/2 | 63,300 | 13,500 | 39,000 | | 5.20 | 8,650 | 0 | | | | 120.7 | |
| T 3/3 | 46,800 | 6,100 | 55,300 | | 5.12 | 14,500 | 0 | | | | 137.1 | 75.2 |
| W 3/4 | 54,700 | 7,550 | 56,700 | | 5.13 | 11,900 | 0 | | | | 151.6 | 69.2 |
| T 3/5 | 100,600 | 11,450 | 81,500 | | 6.91 | 18,700 | 0 | | | | 130.8 | 74.5 |
| F 3/6 | 130,000 | 15,200 | 100,450 | | 7.20 | 24,400 | 0 | | | | 142.3 | 76.1 |
| S 3/7 | 100,250 | 12,000 | 73,500 | | 6.80 | no sample | 0 | | | | 137.3 | 77.5 |
| Avg. | 82,603 | 10,980 | 67,742 | | 6.06 | 15,630 | 0 | | | | 142.7 | 74.4 |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

WEEKLY SUMMARY - WASTE TANK TESTS

Earley Nelson

| | | | |
|---|---|---|---|
| W. D. Harrison | C. A. Towne | H. I. Field | R. Bell |
| R. M. Levy | J. Gilman | D. Mendham | B. Buenger |
| H. B. Johnston | A. M. Muller | S. Stetz | D. Falvey |
| G. H. Baldauf | W. Vastrick | U. G. Stoeffler | V. Weaver |

| 1959 | [illegible] | [illegible] | Soluble | BOD | Flow (MGD) | Sus Solids | Fiber* | BOD | Removal % Efficiency Solids | Removal % Efficiency BOD | [illegible] | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/23 | ---------- | [illegible] | ---------- | | 6.79 | 91,700 | 0 | | | | 172.4 | 66.4 |
| 24 | 93,000 | 6,650 | [illegible] | | 6.47 | 112,000 | 0 | | | | 213.8 | 68.1 |
| 25 | [illegible] | 7,650 | 90,500 | 35,800 | 6.63 | 50,000 | 0 | 35,200** | | | 195.1 | 69.2 |
| [illegible] | [illegible] | [illegible] | [illegible] | | 6.31 | 31,600 | 0 | | | | 196.0 | 67.7 |
| [illegible] | ---------- | [illegible] | ---------- | | 6.16 | 23,600 | 0 | | | | 195.0 | 69.0 |
| 28 | 82,000 | 6,000 | 101,500 | | 6.80 | no sample | 0 | | | | 220.5 | 66.4 |
| | 86,500 | 7,[illegible] | 93,300 | 35,800 | 6.41 | 61,940 | 0 | 35,200** | | | 198.8 | 67.8 |
| | | | | | | 5[illegible],700 | | 16,[illegible]00 | | | | |
| [illegible] | | | | | | | | | | | | |
| 2/23 | 43,400 | 7,400 | 62,500 | | 5.00 | 16,700 | 0 | | | | 150.0 | 71.1 |
| 2/24 | 76,700 | 6,600 | 88,100 | | 5.56 | 18,600 | 0 | | | | 180.2 | 74.2 |
| 2/25 | 96,500 | 10,450 | 88,700 | 27,800 | 5.62 | 20,300 | - | [illegible]00** | | | 168.0 | 71.8 |
| 2/26 | 82,500 | 8,250 | 55,800 | | 5.15 | 11,200 | 0 | | | | 171.7 | 70.8 |
| 2/27 | 79,500 | 9,100 | 51,500 | | 5.62 | 11,200 | 0 | | | | 159.2 | 68.0 |
| 2/28 | 52,300 | 6,500 | 77,000 | | 5.13 | nosample | 0 | | | | 88.6 | 77.4 |
| [illegible] | [illegible] | 8,050 | 70,600 | 27,800 | 5.35 | 15,600 | 0 | 19,400** | | | 152.9 | 72.2 |
| [illegible] | [illegible]der | | | | | 76,500 | | 11,100 | | | | |

SCM CONFIDENTIAL

SA 035165

## WEEKLY SUMMARY - WASTE TANK TESTS

To: Harley Nelson

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, C. H. Baldauf, G. A. Towne, E. J. Gilman, A. M. Mulder, W. Vastrick, H. L. Field, D Mendham, S Stetz, U. C. Stoeffler, R. Bell, B. Buenger, D Halvey, V Weaver

From: R. J. Willie

KING DIVISION

| Date 1959 | INFLUENT (#/day) Sus Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (M.G.D) | Sus Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | %Bo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 2/9 | 93,500 | 9,800 | 105,600 | | 7.00 | 24,500 | 0 | | | | 201.6 | 66.0 |
| T 2/10 | 94,200 | 7,750 | 98,200 | | [illegible] | 24,000 | 0 | | | | 173.2 | 68. |
| W 2/11 | 98,500 | [illegible] | 99,500 | | [illegible] | [illegible] | 0 | | | | [illegible] | 67.4 |
| T 2/12 | 87,300 | 7,700 | 110,300 | | [illegible] | [illegible] | 0 | | | | [illegible] | 66. |
| F 2/13 | [illegible] | [illegible] | 92,400 | | [illegible] | [illegible] | 0 | | | | 165.7 | 68. |
| S 2/14 | 120,000 | 13,750 | [illegible] | | [illegible] | No sample | 0 | | | | [illegible] | 67.0 |
| AVR. | 98,700 | 10,275 | 105,200 | | 6.675 | 24,750 | 0 | | | | [illegible] | 67 |
| WRC Order | | | | | | 53.700 | | 16,300 | | | | |

BRYANT DIVISION

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 2/9 | 54,200 | 5,750 | 56,400 | | 5.00 | 15,800 | 0 | | | | [illegible] | [illegible] |
| T 2/10 | 46,000 | 4,700 | 62,500 | | 5.00 | 20,000 | 0 | | | | 143.9 | [illegible] |
| W 2/11 | 80,000 | 7,250 | 73,500 | | 5.20 | 40,400 | 0 | | | | 257.8 | 64. |
| T 2/12 | 67,600 | [illegible] | 64,800 | | 5.55 | 13,900 | 0 | | | | 162.0 | 67. |
| F 2/13 | 54,100 | 5,150 | 78,000 | | 5.50 | 13,750 | 0 | | | | 166.3 | 71. |
| S 2/14 | Mill [illegible] | [illegible] | [illegible] 7:00 | [illegible] | [illegible] | | | | | | [illegible] | 69. |
| AVR. | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | 0 | | | | [illegible] | [illegible] |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

SCM CONFIDENTIAL
SH 835188

SCM CONFIDENTIAL

SH 035167

# WEEKLY SUMMARY - WASTE TANK TESTS

To: Harley Nelson

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, W. Vastrick, C. A. Towne, E. J. Gilman, A. M. Mulder, U. G. Stoeffler, H. L Field, D. Mendham, S. Stetz, R. Larson, R. Bell, B. Buenger, D. Falvey, V. Weaver

From: R. J. Willie

KING DIVISION

| 1959 Date | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | % Bone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/2 | 86,000 | 5,600 | 71,700 | | 6.60 | 0 | 0 | | | | 168.1 | 64.7 |
| 3 | 74,500 | 6,700 | 98,500 | | 6.30 | 0 | 0 | | | | 163.7 | 67.7 |
| 4 | 88,500 | 11,150 | 112,000 | | 7.59 | 0 | 0 | | | | 181.8 | 65.2 |
| 5 | no sample | no sample | no sample | | 6.87 | 68,660** | 0 | | | | 209.1 | 66.0 |
| 6 | 99,500 | 8,450 | 109,000 | | 6.87 | 0 | 0 | | | | 160.3 | 67.9 |
| 7 | --MILL DOWN-- | | | | | | | | | | | |
| Avg. | 87,125 | 7,975 | 97,800 | | 6.85 | 68,660** | 0 | | | | 176.6 | 66.3 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

BRYANT DIVISION

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/2 | 42,800 | 3,900 | 37,800 | | 5.03 | 0 | 0 | | | | 148.1 | 61.0 |
| 2/3 | 54,700 | 6,300 | 49,750 | | 4.97 | 0 | 0 | | | | 128.9 | 51.7 |
| 2/4 | 67,500 | 7,200 | 63,700 | | 5.47 | 0 | 0 | | | | 145.5 | 58.7 |
| 2/5 | 50,000 | 5,950 | 53,000 | | 4.23 | 0 | 0 | | | | 134.5 | 56.6 |
| 2/6 | 53,700 | 4,200 | 39,900 | | 3.19 | 0 | 0 | | | | 136.8 | 57.7 |
| 2/7 | 36,800 | 3,500 | 23,700 | | 2.57 | 0 | 0 | | | | 78.1 | 67.5 |
| Avg. | 50,917 | 5,175 | 44,642 | | 4.24 | 0 | 0 | | | | 128.6 | 58.8 |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

## WEEKLY SUMM[illegible] - WASTE TANK TESTS

To: Harley Nelson

From R. J. Willie

cc W. D. Harrison, R. M. Levy, H. B. Johnston, G. Baldauf, C. A. Towne, E. J. Gilman, A. M. Mulder, H. L. Field, D. Merdham, S. Stetz, R. Bell, B. Buenger, D. Talvey, V. Weaver

KING DIVISION

| Date | INFLUENT (#/day) Sus Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Flow Input Regular Tons | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1/26 | 157,000 | 22,800 | 97,500 | | 6.50 | 13,000 | 0 | | | | 138.8 | 71.4 |
| [illegible] | 70,500 | 6,950 | 108,500 | | 6.50 | 7,600 | 0 | | | | 191.4 | 70.8 |
| [illegible]3 | 87,700 | 6,150 | 119,500 | 27,950 | 6.50 | 30,300 | 0 | 15,000 | | | 189.9 | 68.6 |
| [illegible]9 | 111,200 | 11,000 | 108,500 | 30,300 | 6.50 | 13,000 | 0 | 16,750 | | | 203.9 | 84.2 |
| [illegible]0 | 99,600 | 7,500 | 101,500 | | 6.40 | 6,400 | 0 | | | | 185.2 | 65.6 |
| [illegible]1 | 110,600 | 11,300 | 131,000 | | 6.55 | 0 | 0 | | | | 221.9 | 64.9 |
| [illegible] | 105,934 | 10,950 | 111,084 | 29,125 | 6.49 | 14,060 | 0 | 15,875 | | | 189.5 | 70.[illegible] |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

BRYANT DIVISION

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M /26 | 59,000 | 6,450 | 48,000 | | 5.22 | 14,800 | 0 | | | | 150.4 | 65.0 |
| T /27 | 67,800 | 7,900 | 51,700 | | 5.67 | 13,200 | 0 | | | | 162.3 | 63.8 |
| W /28 | 72,300 | 7,300 | 43,200 | 16,800 | 5.77 | 17,300 | 0 | 15,900 | | | 135.8 | 69.2 |
| T /29 | 67,600 | 7,350 | 59,420 | 10,900 | 5.94 | 63,400 | 0 | 4,500 | | | 111.7 | 66.4 |
| F /30 | 41,000 | 4,600 | 26,500 | | 5.30 | 7,100 | 0 | | | | 142.4 | 66.5 |
| S /31 | 41,200 | 5,600 | 40,300 | | 5.38 | 0 | 0 | | | | 44.2 | 83.8 |
| Avg | 58,017 | 6,534 | 44,894 | 13,850 | 5.55 | 23,160 | 0 | [illegible] | | | [illegible] | [illegible] |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

SCM CONFIDENTIAL

SCM CONFIDENTIAL

# WEEKLY SUMMARY - WASTE TANK TESTS

To: Harley Nelson

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. Baldauf, G. A. Towne, F. J. Gilman, A. M. Mulder, H. L. Field, D. Mendham, S. Stets, R. Bell, B. Buenger, D. Falvey, V. Weaver

From: R. J. Willie

## KING DIVISION

| Date 1959 | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | %Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1/19 | | | 115,200 | | 6.00 | 16,000 | 0 | | | | 12[illegible].1 | 69.2 |
| 0 | 78,000 | 6,600 | 108,500 | | 6.50 | | 0 | | | | 190.7 | 75.5 |
| 1 | Cleaning settling tank and bar grate. | | | | 6.00 | | 0 | | | | 204.3 | 72.0 |
| 2 | | | | | 6.00 | | 0 | | | | 183.5 | 73.5 |
| 3 | | | | | 6.50 | | 0 | | | | 214.1 | 74.5 |
| 24 | | MILL | DOWN | | | | | | | | | |
| Avg. | 78,000 | 6,600 | 81,850 | | 6.20 | 16,000 | 0 | | | | 183.3 | 72.9 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

## BRYANT DIVISION

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1/19 | 38,800 | 4,500 | 57,400 | | 5.74 | 12,400 | 0 | | | | 142.4 | 66.5 |
| T 1/20 | 55,900 | 5,800 | 40,500 | | 5.89 | 0 | 0 | | | | 150.8 | 64.2 |
| W 1/21 | 53,500 | 6,500 | 49,000 | | 5.89 | 0 | 0 | | | | 118.2 | 63.8 |
| T 1/22 | 50,000 | 7,000 | 34,400 | | 5.89 | 0 | 0 | | | | 98.5 | 63.5 |
| F 1/23 | 64,700 | 8,250 | 54,000 | | 5.89 | 12,750 | 0 | | | | 169.2 | 68.2 |
| S 1/24 | 59,500 | 4,900 | 48,200 | | 5.77 | 0 | 0 | | | | 100.3 | 67.7 |
| Avg. | 53,733 | 6,158 | 47,250 | | 5.84 | 12,575 | 0 | | | | 129.7 | 65.6 |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

SM 035169

R. J. Willie

W. D. Harrison

1959

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1/6 | [illegible] | [illegible] | 109,[illegible] | | [illegible] | | | | [illegible] |
| 1/6 | 79,0[illegible] | [illegible] | 115,[illegible] | | [illegible] | | | | [illegible] |
| | 91,[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | [illegible] |
| | [illegible] | [illegible] | [illegible] | | [illegible] | | | | [illegible] |
| | [illegible] | [illegible] | [illegible] | | | | | | [illegible] |
| | [illegible] | [illegible] | [illegible] | | | | | | [illegible] |
| | [illegible] | [illegible] | [illegible] | | | | | | [illegible] |
| | [illegible] | [illegible] | [illegible] | | | | | | [illegible] |
| 1/6 | 101,675 | [illegible] | [illegible] | | [illegible] | [illegible] | | | [illegible] |
| /7 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | [illegible] |
| /8 | [illegible] | 8,390 | [illegible] | | [illegible] | [illegible] | | | [illegible] |
| /9 | 75,884 | [illegible] | 53,[illegible] | | [illegible] | | | | 122.[illegible] |
| /10 | | | [illegible] | | | | | | 105.[illegible] |
| | 87,849 | 11,705 | 52,429 | 16,400 | 5.5[illegible] | 30,[illegible] | | 10,900 | 146.5 67.[illegible] |

SCM CONFIDENTIAL

5A 035170

From: R.J. Willie

R.M.Levy
G.H.Baldauf

E.J.Gilman
L.Gayou
V.Weaver

U.G.Stoeffler
C.Mason

M.Carl
B.Buenger

KING DIVISION

| Dec. Date | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) ** | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Inr Regular Tons | %Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1960 | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| T 12/1 | 188,400 | 58,300 | 120,000 | - | 7,190 | 188,400 | 24,000 | - | 0.0 | - | 258.5 | 67.3 |
| 12/6 | 356,600 | 37,000 | 127,700 | - | 7,654 | 123,800 | 7,650 | - | 65.3 | - | 276.8 | 67.7 |
| 12/7 | 197,000 | 15,000 | 125,500 | - | 7,521 | 214,500 | 20,080 | - | 0.0 | - | 268.1 | 61.0 |
| 12/8 | No Sample | | 125,500 | - | 7,521 | 107,900 | 10,040 | - | - | - | 224.6 | 57.2 |
| 12/13 | No Sample | | - | - | 7,313 | No Sample | | - | - | - | 257.9 | 65.0 |
| 12/14 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 272.4 | 68.2 |
| 12/15 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 260.4 | 67.1 |
| 12/20 | 235,200 | 37,800 | 115,800 | - | 7.313 | 131,700 | 12,200 | - | 44.0 | - | 202.1 | 68.6 |
| 12/21 | 213,200 | 18,900 | 121,900 | 51,100 | 7.313 | 190,200 | 21,900 | 48,900 | 10.8 | 4.3 | 267.9 | 69.5 |
| T 12/22 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 250.6 | 72.1 |
| T 12/27 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 249.9 | 69.3 |
| W 12/28 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 289.5 | 69.1 |
| T 12/29 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 224.5 | 65.4 |
| Ave. | 238,100 | 33,400 | 122,700 | 51,100 | 7.362 | 159,400 | 15,980 | 48,900 | 30.0 | 4.3 | 254.1 | 66.7 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

200 Mesh ** The flow is estimated from the 13th [illegible] ie 29th.

SCM CONFIDENTIAL

SA 035171

To: R.A.Larson

cc: W.D.Harrison, R.M.Levy, G.H.Baldauf, L.B.Owen, E.J.Gilman, L. Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, D.Falvey, M.Carl

From: R.J.Willie, R. Kremer

1960

KING DIVISION

| Date | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Effiency | | Waste Paper Inp Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sus solids | Fibers | Soluble | BOD | Flow (MGD) | Sus. Solids | Fibers | BOD | Solids | BOD | Tons | % Book |
| 11/1 | 268,000 | 51,300 | 126,600 | 79,300 | 6.61 | 143,000 | 11,200 | 34,200 | 46.6 | 56.9 | 261.8 | 70.5 |
| /2 | 138,000 | 5,400 | 97,300 | - | 6.49 | 100,600 | 2,160 | - | 27.1 | - | 244.2 | 73.2 |
| /3 | 163,400 | 13,000 | 146,000 | - | 6.49 | 121,000 | 6,490 | - | 25.9 | - | 240.6 | 73.6 |
| /8 | 184,500 | 11,900 | 132,000 | - | 7.52 | 146,000 | 10,000 | - | 20.9 | - | 239.8 | 72.8 |
| /9 | 227,500 | 12,400 | 131,000 | 43,600 | 7.46 | 173,000 | 12,400 | 43,600 | 23.9 | 0.0 | 259.8 | 73.7 |
| /10 | 156,000 | 11,300 | 132,000 | - | 7.52 | 79,000 | 2,510 | - | 49.4 | - | 226.4 | 78.2 |
| /15 | 219,000 | 23,300 | 122,500 | - | 7.33 | 86,000 | 2,450 | - | 60.7 | - | 261.0 | 68.4 |
| 1/16 | 174,400 | 14,300 | 124,400 | - | 7.46 | 92,300 | 2,490 | - | 47.1 | - | 250.0 | 64.8 |
| 1/17 | 162.000 | 10,600 | 124,400 | 34,300 | 7.46 | 166,600 | 10,600 | 36,000 | 0.0 | 0.0 | 273.8 | 56.9 |
| /22 | 181,200 | 14,300 | 119,000 | 41,600 | 7.12 | 95,200 | 4,750 | 23,200 | 47.5 | 44.2 | 265.2 | 59.7 |
| /23 | NO | SAMPLE | | - | 7.19 | NO | SAMPLE | - | - | - | 219.3 | 67.4 |
| 1/24 | NO | SAMPLE | | - | - | NO | SAMPLE | - | - | - | - | - |
| /29 | 158,400 | 12,000 | 120,000 | - | 7.19 | 145,400 | 12,000 | - | 8.2 | - | 312.6 | 65.0 |
| 1/30 | 169,200 | 13,800 | 96,000 | 38,400 | 7.19 | 145,000 | 9,600 | 33,000 | 14.3 | 14.1 | 226.1 | 68.7 |
| | | | | | | | | | | | | |
| Ave. | 183,500 | 16,100 | 122,600 | 47,400 | 7.16 | 124,400 | 7,220 | 34,000 | 31.0 | 23.0 | 252.4 | 68.7 |
| PC Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

SH 831272

1960

& R. Kremer

Oct

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/4 | 161,000 | 18,600 | 96,500 | - | 7.79 | 119,500 | 12,800 | - | 25.7 | - | 213.9 | 62.0 |
| /5 | 179,000 | 17,900 | 104,000 | - | 7.72 | 110,800 | 7,800 | - | 38.1 | - | 260.5 | 65.1 |
| /6 | NO | SAMPLE | | - | 7.85 | NO | SAMPLE | - | - | - | 234.1 | 63.4 |
| 0/11 | 211,000 | 19,350 | 106,000 | 47,800 | 7.45 | 69,800 | - | 36,600 | 66.9 | 23.4 | 220.4 | 58.9 |
| 0/12 | 158,800 | 16,200 | 124,600 | - | 7.47 | 82,400 | 7,500 | - | 48.1 | - | 268.1 | 59.2 |
| 0/13 | 135,500 | 10,680 | 138,000 | - | 7.52 | 80,300 | - | - | 40.7 | - | 216.5 | 61.2 |
| .0/18 | 139,000 | 16,950 | 108,800 | - | 7.26 | 36,300 | 4,850 | - | 73.9 | - | 216.1 | 65.4 |
| .0/19 | 142,000 | 15,800 | 110,800 | 42,560 | 6.99 | 56,000 | 6,990 | 24,480 | 60.6 | 42.5 | 232.0 | 58.3 |
| .0/20 | 140,000 | 14,550 | 116,600 | - | 6.99 | 91,000 | 4,660 | - | 35.0 | - | 275.6 | 66.9 |
| 10/25 | 227,000 | 25,300 | 112,600 | - | 6.74 | 41,800 | 20,300 | - | 81.1 | - | 262.4 | 74.3 |
| 10/26 | 168,500 | 12,000 | 108,800 | - | 6.87 | 90,400 | 4,570 | - | 46.3 | - | 255.7 | 73.2 |
| 14/27 | 147,400 | 11,660 | 111,300 | 38,190 | 6.36 | 106,000 | 10,600 | 29,700 | 28.1 | 22.2 | 237.5 | 74.6 |
| | 164,470 | 16,270 | 112,550 | 42,850 | 7.25 | 80,390 | 8,900 | 30,260 | 49.5 | 29.4 | 241.0 | 65.2 |

SCM CONFIDENTIAL

5H 035173

SCM CONFIDENTIAL

# MONTHLY SUMMARY - WASTE TANK TESTS

To: R. A. Larson

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B. Owen, E. J. Gilman, A. M. Mulder, ~~D. Mendham~~, S. Stetz, U. G. Stoeffler, R. Bell, B. Buenger, D. Falvey, V. Weaver, W. Garrity, C. Mason

From: R. J. Willie

KING DIVISION

| Date | Influent (#/day) Sus. Solids | Fiber* | Soluble | BOD | Effluent (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | % Efficiency Solids | % Efficiency BOD | Waste Pap Input Regular Tons | Regular %Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 10/1 | 127,500 | 28,600 | 103,500 | | 6.55 | 51,200 | 0 | | 59.8 | | 231.5 | 63.2 |
| 10/6 | 129,000 | 25,100 | 97,200 | 32,000 | 6.87 | 33,000 | 0 | 21,700 | 74.4 | 32.2 | | |
| 10/7 | 126,000 | 20,200 | 117,000 | | 6.39 | 90,500 | 0 | | 28.2 | | | |
| 10/8 | TANK DOWN ** | | | | 6.50### | TANK DOWN | | | | | | |
| 10/1[illegible] | " " | ** | | | 6.50### | " | | | | | | |
| 10/1[illegible] | " | ** | | | 6.50### | " | | | | | | |
| 10/1[illegible] | " | ** | | | 6.50### | " | | | | | | |
| 10/2[illegible] | " | | | | 6.50 | " | | | | | | |
| 10/2[illegible] | " | | | | 6.50 | " | | | | | | |
| 10/2[illegible] | " | | | | 6.50 | " | | | | | | |
| W 10/2[illegible] | " | | | | 6.50 | " | | | | | 205.7 | 69.3 |
| T 10/2[illegible] | " | | | | 6.50 | " | | | | | 237.3 | 64.6 |
| T 10/2[illegible] | TANK DOWN | | | | 6.50 | TANK DOWN | | | | | 235.8 | 62.3 |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| Ave | 127,500 | 24,630 | 105,660 | 32,000 | 6.52 | 58,230 | 0 | 21,700 | 54.1 | 32.2 | 221.9 | 63.3 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

*200 mesh ###Estimated Flow ** Burned out motor on big pump to settling tank

SH 03174

To: R.A.Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, G.H.Baldauf, L.B.Owen, E.J.Gilman, L.Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, D.Falvey, M.Carl

1960

KING DIVISION

| Sept. | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Effiency | | Waste Paper Inp Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Sus. solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | BOD | Solids | BOD | Tons | % Book |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 103,000 | 13,400 | 93,600 | - | 7.02 | 85,400 | 0 | 31,200 | 17.1 | - | 203.6 | 67.1 |
| | 75,300 | 17,800 | 91,000 | - | 7.26 | 21,800 | 0 | 15,100 | 71.0 | - | 174.6 | 66.7 |
| | 70,700 | 10,900 | 106,800 | 20,100 | 6.74 | 9,000 | 0 | 16,300 | 87.3 | 18.8 | 138.6 | 67.0 |
| 1 | 79,700 | 11,700 | 90,800 | - | 6.80 | 4,700 | 0 | 14,700 | 94.1 | - | 176.1 | 67.1 |
| 13 | 95,300 | 18,200 | 130,100 | - | 7.14 | 8,300 | 0 | 18,300 | 91.2 | - | 212.7 | 62.1 |
| 14 | 85,000 | 12,000 | 101,800 | 36,800 | 7.19 | 7,200 | 0 | 29,100 | 91.4 | 20.9 | 161.5 | 68.2 |
| 15 | 93,600 | 13,100 | 91,400 | - | 6.87 | 37,700 | 0 | 26,900 | 59.6 | - | 224.2 | 65.3 |
| T 9/20 | DOWN | | - | - | 6.90 | DOWN | - | - | - | - | 184.2 | 64.3 |
| W 9/21 | DOWN | | - | - | 6.90 | DOWN | - | - | - | - | 231.9 | 64.8 |
| T 9/22 | 134,400 | 14,800 | 110,500 | - | 7.39 | 73,900 | 9,800 | - | 44.8 | - | 240.2 | 64.7 |
| T 9/27 | 128,200 | 9,500 | 117,800 | 30,200 | 7.85 | 173,000 | 20,900 | 36,000 | - | - | 230.9 | 63.4 |
| W 9/28 | NO | SAMPLE | | - | 8.55 | 85,500 | 8,500 | | - | - | 227.8 | 65.8 |
| T 9/29 | 166,800 | 18,900 | 128,200 | - | 8.55 | 115,200 | 14,200 | 14,200 | | 30.9 | 242.1 | 61.7 |
| Ave. | 103,200 | 14,000 | 106,200 | 29,000 | 7.32 | 56,500 | 4,800 | 23,400 | 65.2 | 19.8 | 203.7 | 65.2 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

SH 035175

To: R.A.Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, G.H.Baldauf, L.B.Owen, E.J.Gilman, L. Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, [illegible].Falvey, [illegible].Carl

KING DIVISION

| August 1960 Date | INFLUENT (#/day) Sus. solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Effiency Solids | BOD | Waste Paper Inp Regular Tons | Boo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 8/2 | - DOWN ** | | - | - | - | DOWN | - | - | - | - | 215.5 | 64.1 |
| 3 | " " | | " | - | - | - | - | - | - | - | 213.8 | 65.3 |
| 4 | " " | | " | - | - | - | - | - | - | - | 166.3 | 64.7 |
| 9 | " " | | " | - | - | - | - | - | - | - | 188.2 | 61.2 |
| /10 | " " | | " | - | - | - | - | - | - | - | 221.3 | 64.7 |
| /11 | " " | | " | - | - | - | - | - | - | - | 226.7 | 60.0 |
| /16 | 163,000 | 27,900 | 109,000 | - | 5.93 | 14,800 | 0 | - | 91.1 | - | 236.9 | 65.5 |
| /17 | NO SAMPLES | | | - | 6.79 | NO SAMPLES | | - | - | - | 205.0 | 65.7 |
| /18 | NO SAMPLES | | | - | 6.87 | 12,600 | 0 | - | - | - | 218.7 | 64.4 |
| T 8/23 | NO SAMPLES | | | - | 6.50 | NO SAMPLES | | - | - | - | 213.3 | 69.8 |
| W 8/24 | 103,000 | 11,500 | 126,000 | 36,700 | 6.79 | 3,400 | 0 | 16,900 | 95.7 | 53.9 | 208.7 | 66.9 |
| T 8/25 | 108,300 | 13,600 | 107,500 | - | 6.79 | 113,000 | 9,000 | - | - | - | 209.1 | 70.7 |
| T 8/30 | 103,800 | 17,800 | 98,000 | - | 6.91 | 78,400 | 0 | 29,700 | 24.5 | - | 198.3 | 64.8 |
| W 8/31 | 101,000 | 18,000 | 104,500 | 26,700 | 6.97 | 87,200 | 0 | 29,700 | 13.7 | - | 170.4 | 68.8 |
| T | | | | | | | | | | | | |
| Ave. | 115,800 | 17,700 | 109,000 | 31,700 | 6.69 | 51,500 | 1500 | 25,400 | 56.2 | 53.9 | 206.6 | 65.5 |
| [illegible] Order** TANK DOWN FOR REPAIRS | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

5H 035176

To: R.A.Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, G.H.Baldauf, J. D. Dailey, L.B.Owen, E.J.Gilman, L. Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, D.Falvey, M.Carl

KING DIVISION

| July 1960 Date | INFLUENT (#/day) Sus. solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Effiency Solids | BOD | Waste Paper Inp Regular Tons | Boo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/5 | DOWN | VACATION | | - | DOWN | VACATION | | - | - | - | - | - |
| /6 | " | | " | - | " | | " | - | - | - | - | - |
| /7 | " | | " | - | " | | " | - | - | - | - | - |
| /12 | NO | SAMPLES | ** | - | NO | SAMPLES | ** | - | - | - | 242.7 | 72.8 |
| /13 | 137,100 | 19,600 | 109,200 | 29,600 | 5.95 | 19,900 | 0 | 17,300 | 85.5 | 41.6 | 231.6 | 69.5 |
| /14 | 98,000 | 12,800 | 98,600 | - | 5.93 | 22,700 | 0 | 22,000 | 76.8 | | 237.7 | 69.5 |
| /19 | NO | SAMPLES | | - | 6.10 | 36,600 | 0 | 21,300 | - | | 248.8 | 65.8 |
| /20 | 67,100 | 6,500 | 108,200 | - | 6.55 | 50,700 | 0 | - | 24.4 | | 224.0 | 67.6 |
| /21 | 113,000 | 20,000 | 111,800 | - | 6.39 | 47,800 | 0 | - | 57.6 | | 235.4 | 70.6 |
| 7/26 | - | - | - | - | 6.55 | 60,000 | 0 | - | - | | 248.3 | 65.4 |
| 7/27 | 125,000 | 17,300 | 98,000 | 35,400 | 6.55 | 68,000 | 8,170 | 26,900 | 46.0 | 24.0 | 158.9 | 68.4 |
| 7/28 | 126,000 | 19,000 | 80,000 | - | 6.39 | 87,000 | - | - | 31.0 | | 218.3 | 68.7 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Ave. | 111,000 | 16,200 | 100,960 | 32,500 | 6.30 | 49,000 | 8,170 | 21,900 | 53.6 | 32.8 | 227.3 | 68.7 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

5H 035177

MONTHLY SUMMARY - WASTE TANK TESTS

To: I A. Larson

From: R.J. Willie

cc: W.D. Harrison, R.M.Levy, G.H.Baldauf, L.B.Owen, E.J.Gilman, L.Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, D.Fa y, M.Carl, B.Buenger

KING DIVISION

| June 1960 Date | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | %Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /1 | 100,500 | 16,300 | 83,000 | 34,300 | 6.23 | 53,000 | 8,300 | 27,500 | 46.2 | 19.8 | 173.8 | 70.6 |
| /2 | 143,000 | 28,800 | 98,300 | | 6.55 | 152,000 | 28,300 | | | | 228.4 | 69.0 |
| /7 | 108,000 | 18,700 | 88,500 | 27,500 | 6.23 | 59,200 | 11,100 | 35,300 | 45.1 | | 131.1 | 70.8 |
| /8 | 162,400 | 32,800 | 92,300 | | 6.16 | 84,200 | 11,600 | | 47.0 | | 208.4 | 70.0 |
| /9 | NO SAMPLES | | | | 6.16 | 105,600 | 12,300 | | | | 234.6 | 68.0 |
| 6/14 | 122,100 | 24,600 | 123,200 | | 6.16 | 11,300 | 0 | | 90.7 | | 227.5 | 69.6 |
| 6/15 | 89,000 | 15,500 | 108,800 | 34,700 | 5.93 | 23,700 | 0 | 25,100 | 73.4 | 27.7 | 248.0 | 68.3 |
| 6/16 | 105,000 | 21,800 | 114,200 | | 6.23 | 17,600 | 0 | | 83.2 | | 249.8 | 66.8 |
| 6/21 | 145,000 | 32,100 | 109,100 | | 6.55 | 31,000 | 0 | | 78.7 | | 258.6 | 69.8 |
| 6/22 | 83,100 | 10,500 | 113,300 | 28,100 | 6.47 | 33,400 | 0 | 19,900 | 59.7 | 29.1 | 232.3 | 68.1 |
| 6/23 | 98,200 | 11,300 | 108,000 | | 6.47 | 35,500 | 0 | | 63.8 | | 251.8 | 68.0 |
| 6/28 | 121,000 | 21,300 | 125,100 | 43,300 | 6.55 | 19,600 | 0 | 25,200 | 83.8 | 41.7 | 224.1 | 69.8 |
| 6/29 | 106,800 | 19,900 | 114,400 | | 6.55 | 12,200 | 0 | | 87.7 | | 258.0 | 70.3 |
| 6/30 | 113,600 | 19,300 | 106,000 | | 6.37 | 30,800 | 0 | | 72.8 | | 254.4 | 66.9 |
| Ave. | 115,200 | 20,900 | 106,400 | 33,580 | 6.33 | 47,790 | 5,100 | 26,600 | 69.3 | 29.5 | 227.2 | 69.1 |
| IC Order | | | | | | 53,700 | | 16,300 | | | | |

200 Mesh

SCM CONFIDENTIAL

85178

To: R.A.Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, G.H.Baldauf, L.B.Owen, E.J.Gilman, L. Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, D.Falvey, M.Carl

KING DIVISION

| May 1960 | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Effiency | | Waste Paper Inpu Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Sus. solids | Fiber# | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber# | BOD | Solids | BOD | Tons | % Book |
| T 5/3 | 122,500 | 15,300 | 119,500 | - | 6.23 | 24,900 | 0 | - | 79.7 | - | 221.3 | 69.9 |
| /4 | - No Sample | | - | - | 6.23 | 41,500 | 400 | - | - | - | 184.8 | 67.8 |
| /5 | 99,000 | 13,900 | 99,000 | - | 5.93 | 76,200 | 7,900 | - | 23.1 | - | 235.2 | 71.6 |
| 5/10 | 101,200 | 14,600 | 114,200 | - | 6.25 | No Sample | | - | - | - | 174.1 | 66.2 |
| 5/11 | 132,300 | 20,000 | 81,300 | - | 6.50 | No Sample | | - | - | - | 207.8 | 65.0 |
| 5/12 | 100,000 | 13,100 | 89,000 | - | 5.93 | 40,300 | 0 | - | 59.7 | - | 223.1 | 64.3 |
| 5/17 | 97,300 | 13,600 | 97,300 | - | 6.16 | 61,500 | 6,100 | - | 36.8 | - | 208.4 | 63.0 |
| 5/18 | 113,200 | 14,000 | 114,300 | 32,300 | 6.24 | 93,500 | 12,500 | 30,200 | 17.4 | 6.5 | 243.9 | 69.6 |
| 5/19 | 96,100 | 9,500 | 109,000 | - | 6.55 | 53,200 | 6,500 | - | 44.7 | - | 224.0 | 68.1 |
| T 5/24 | - No Sample | | - | - | 6.50 | No Sample | | - | - | - | 234.7 | 65.7 |
| W 5/25 | 112,800 | 19,500 | 119,200 | - | 6.50 | 44,300 | 0 | - | 60.6 | - | 224.1 | 65.6 |
| T 5/26 | 118,000 | 20,000 | 130,000 | 42,700 | 6.50 | 24,800 | 0 | 22,700 | 78.9 | 46.8 | 249.4 | 64.4 |
| T 5/31 | 91,500 | 13,100 | 126,200 | - | 6.50 | 49,300 | 0 | - | 46.1 | - | 243.2 | 69.4 |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| Ave. | 107,600 | 15,100 | 109,000 | 37,500 | 6.30 | 50,950 | 3,300 | 26,400 | 49.6 | 26.6 | 221.0 | 66.9 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

SH 035179

MONTHLY SUMMARY - WAST TANK TESTS

To: R. A. Larson

From: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B. Owen, ~~L. J. Gilman~~ Gayou, ~~A. H. Hardor~~ Weaver, D. Mendham, S. Stetz, ~~U. O. Mauffler~~ Kayhart, R. Bell, B. Buenger, ~~J. Falvey~~ M. Carl, V. Weaver, W. Garrity

April 1960

| KING DIVISION | Influent (#/day) | | | | | Effluent (#/day) | | | | Waste Pap Input | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | % Efficency | | Regular | |
| Date | Sus. Solids | Fiber* | Soluble | | BOD | Flow (MGD) | Sus. Solids | Fiber* | BOD | Solids | BOD | Tons | %Book |
| 4/5 | - | All Down ** | - | - | **** | All Down ** | | - | - | - | 225.5 | 70.0 | |
| /6 | " | " | | - | " | " | | - | - | - | 235.5 | 68.4 | |
| /7 | " | " | | - | " | " | | - | - | - | 229.1 | [illegible] | |
| /12 | | No Sample *** | | - | " | No Sample *** | | - | - | - | 16[illegible] | | |
| /13 | | " | | - | " | " | | - | - | - | 19[illegible] | | |
| /14 | | " | | - | " | " | | - | - | - | 22[illegible] | | |
| /19 | | " | | - | " | " | | - | - | - | 20[illegible] | | |
| 4/20 | | " | | - | " | " | | - | - | - | 22[illegible] | | |
| 4/21 | 103,000 | 15,000 | 104,000 | - | 6.2[illegible] | 35,200 | 0 | - | 65.7 | - | 19[illegible] | | |
| 4/26 | 117,000 | 20,800 | 113,800 | - | 6.5[illegible] | 31,400 | 0 | - | 73.0 | - | 15[illegible] | | |
| 4/27 | 113,500 | 18,400 | 102,000 | - | 6.8[illegible] | 93,000 | 13,600 | - | 18.1 | - | 18[illegible] | [illegible] | |
| 4/28 | 110,000 | 19,000 | 93,000 | 35,400 | 6.5[illegible] | 69,800 | 17,400 | 27,200 | 36.6 | 30.3 | 18[illegible].4 | 72.2 | |
| W | | | | | | | | | | | | | |
| T | | | | | | | | | | | | | |
| Ave | | | | | | | | | | | | | |
| [illegible] | 110,800 | 18,300 | 103,200 | 35,400 | 6.5[illegible] | 57,350 | 53,700 [illegible],700 | 27,200 | 16,300 48.3 | 30.3 | 20[illegible].6 | 69.7 | |

SCM CONFIDENTIAL

SA 035180

MONTHLY SUMMARY - WASTE WATER TESTS

To: R .Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, H.B.Johnston, G.H.Baldauf, L. Owen, E.J.Gilman, L.Gayou, V.Weaver, S.Stetz, U.O.Stoeffler, C.Mason, B.Buenger, D.Falvey, M.Carl, T.Puyhart

KING DIVISION

| 1960 Date | INFLUENT (#/day) Sus Solids | Fibers | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fibers | BOD | Removal % Efficiency Solids | BOD | Waste Paper In Regular Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/1 | 166,500 | 18,300 | 198,000 | | ** 7.00 | 164,500 | 0 | | - | - | 220.1 | 66.3 |
| 2 | 138,600 | 14,000 | 87,600 | | ** 7.00 | 18,700 | - | | - | - | 220.9 | 65.8 |
| 3 | -- Tank Down -- | | | | ** 7.00 | -- Tank Down -- | | | - | - | 235.5 | 63.8 |
| 8 | 69,000 | 9,900 | 105,000 | | ** 7.00 | 156,500 | 28,000 | | - | - | 203.0 | 71.8 |
| 9 | 113,200 | 14,800 | 140,000 | 35,600 | ** 7.00 | 134,000 | 21,000 | 42,600 | - | - | 220.0 | 70.5 |
| 10 | 115,000 | 14,600 | 99,400 | | ** 7.00 | 58,300 | 9,300 | | - | - | 231.1 | 60.8 |
| 15 | No Sample | | 99,000 | | ** 7.00 | 38,500 | 0 | | - | - | 189.2 | 72.5 |
| 16 | No Sample | | *** | | ** 7.00 | 40,700 | 0 | | - | - | 211.7 | 68.4 |
| 17 | No Sample | | *** | | ** 7.00 | 52,500 | 0 | | - | - | 230.1 | 69.8 |
| 3/22 | No Sample | | *** | 64,200 | ** 6.50 | 46,600 | 0 | 31,500 | - | 51.0 | 190.4 | 61.9 |
| 3/23 | No Sample | | *** | | ** 7.00 | 49,000 | 0 | | - | - | 230.1 | 66.4 |
| 3/24 | No Sample | | *** | | ** 7.00 | No Sample | | | - | - | 199.3 | 66.3 |
| 29 | 178,500 | 36,500 | 116,800 | | ** 7.00 | 29,200 | 0 | | 83.8 | - | 225.0 | 71.7 |
| 30 | 137,600 | 19,800 | 157,500 | | ** 7.00 | 21,000 | 0 | | 84.6 | - | 261.3 | 73.0 |
| 31 | 87,500 | 19,000 | 145,800 | | ** 7.00 | 21,000 | 0 | | 76.0 | - | 211.9 | 75.2 |
| e. | 125,700 | 18,300 | 127,670 | 49,900 | ** 6.96 | 64,300 | 3,880 | 37,050 | 81.5 | 51.0 | 218.6 | 68.3 |
| C Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

53581

[illegible]

To: R.A.Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, H.B.Johnston, G.H.Baldauf, L.[illegible].Owen, E.J.Gilman, L.Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Puenger, [illegible] Falvey, [illegible] Carl, T. Kayhart

1960

KING DIVISION

| FEB | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Effiency | | Waste Paper In[illegible] Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Sus. solids | Fiber# | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber# | BOD | Solids | BOD | Tons | % Book |
| [illegible]/2 | 100,500 | 17,700 | 92,700 | - | 6.73 | 96,800 ** | 17,400 | - | 3.7 | - | 220.5 | 72.2 |
| | 102,000 | 17,400 | 104,100 | - | 6.95 | 68,300 ** | 9,300 | - | 33.1 | - | 229.4 | 71.2 |
| | 132,000 | 18,400 | 111,000 | 36,800 | 7.00 | 149,100 ** | 23,300 | 41,300 | - | - | 224.6 | 71.6 |
| | 87,700 | 11,400 | 105,500 | - | 7.02 | 49,000 ** | 2,300 | - | 44.2 | - | 190.2 | 70.2 |
| [illegible] | 122,500 | 12,000 | 122,500 | - | 7.00 | 88,500 ** | 700 | - | 27.8 | - | 229.3 | 72.5 |
| [illegible]1 | 126,000 | 14,000 | 111,000 | - | 7.00 | 106,000 ** | 9,300 | - | 15.9 | - | 234.4 | 74.7 |
| [illegible]6 | 119,000 | 16,300 | 122,300 | - | 7.00 | 152,000 ** | 9,300 | - | - | - | 246.8 | 68.9 |
| [illegible]7 | 93,500 | 12,300 | 114,000 | - | 6.85 | 106,000 ** | 13,200 | - | - | - | 223.4 | 72.2 |
| [illegible]8 | 99,500 | 14,800 | 97,000 | - | 6.85 | 108,000 ** | 13,700 | - | - | - | 214.6 | 69.5 |
| [illegible]/23 | 127,500 | 20,500 | 115,000 | - | 6.90 | 77,000 | 11,500 | - | 39.6 | - | 229.7 | 69.8 |
| [illegible]/24 | 110,200 | 18,000 | 95,800 | - | 6.75 | 95,800 | 11,200 | - | 13.1 | - | 228.8 | 73.8 |
| [illegible]/25 | 95,800 | 11,700 | 111,300 | 31,700 | 7.00 | 70,000 | 6,000 | 36,400 | 26.9 | - | 207.3 | 70.4 |
| [illegible] | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| Ave. | 113,850 | 15,370 | 108,550 | 34,250 | 6.92 | 97,200 | 11,000 | 38,850 | 25.5 | | 223.2 | 71.4 |
| [illegible]C Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

SA 035182

To: R.A.Larson

From: R.J.Willie

cc: W.L.Harrison, H.M.Levy, H.B.Johnston, G.H.Baldauf, [illegible]wen, [illegible]Gilman, L.Gayou, V.Weaver, [illegible]tetz, [illegible]Stoeffler, [illegible]ason, [illegible]uenger, [illegible]vey, [illegible]arl

T. Kayhart

KING DIVISION

| Jan 1960 Date | INFLUENT (#/day) Sus. solids | Fiber# | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber# | BOD | Removal % Efficiency Solids | BOD | Waste Paper Regular Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/5 | No | Sample | ---- | ---- | 7.00 | No | Sample | ---- | - | - | 228.7 | 76 |
| | 95,600 | 13,100 | 99,300 | 31,200 | 7.00 | 25,600 | 0 | 29,100 | 73.2 | 6.8 | 190.8 | 75 |
| | 67,700 | 14,300 | 75,800 | - | 7.00 | 42,000 | 0 | - | 37.9 | - | 97.8 | 72. |
| 12 | 125,500 | 15,900 | 112,800 | - | 7.52 | 120,200 | 17,200 | - | 4.2 | - | 246.3 | 67. |
| 13 | 76,700 | 12,000 | 80,000 | 24,900 | 6.87 | 137,000 | 25,500 | 48,700 | - | - | 139.8 | 81. |
| 14 | 77,000 | 13,500 | 78,000 | - | 6.23 | 56,000 | 0 | - | 27.3 | - | 219.2 | 76. |
| 19 | ** No | ** Sample ** | | ---- | 7.50 | ** No | Sample** | ---- | - | - | 202.8 | 78. |
| 20 | ** No | **Sample | ** | ---- | 7.50 | 35,100 | 0 | - | - | - | 252.9 | 73. |
| 21 | ** No | ** Sample | ** | ----- | 7.37 | 125,000 | 12,500 | - | - | - | 243.3 | 71. |
| 1/26 | 122,500 | 22,200 | 144,000 | - | 7.50 | 76,500 | 5,000 | - | 37.5 | - | 231.1 | 71. |
| 1/27 | 105,500 | 22,600 | 95,700 | 32,900 | 7.20 | 78,000 | 19,100 | 30,000 | 26.1 | 8.8 | 211.1 | 67. |
| 1/28 | 105,900 | 15,500 | 93,000 | - | 6.55 | 84,000 | 10,900 | - | 20.7 | - | 255.9 | 72. |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Ave | 97,050 | 16,100 | 97,300 | 29,660 | 7.10 | 77,940 | 9,050 | 35,900 | 32.4 | 7.8 | 209.9 | 73. |
| [illegible] Order | | | | | | 53,700 | | 14,[illegible] | | | | |

SCM CONFIDENTIAL

cc: J. [illegible] Bailey  [illegible] J. Gilman  D. Falvey
[illegible] Levy  [illegible] Stetz  Process [illegible]
G. H. Ba[illegible]  [illegible] Bennett

FROM: Fred Harrison

| DIVISION | DATE | INFLUENT | | | EFFLUENT | | | | REMOVAL % | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Flow (MGD) | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Solids | BOD (ppm) |
| KING | 8/4/61 | 46.6 | 4.58 | 409 | 6.5 | 9.17 | 0.83 | 368 | 80.3 | 10 |
| BRYANT | 8/4/61 | 28.2 | 0.83 | 524 | 1.2 | 4.50 | 0.24 | 273 | 84.0 | 47.9 |

1961

SCM CONFIDENTIAL

SA 035184

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 7/20/61 | 16.2 | 2.10 | 375 | 6.3 | 16.2 | 2.10 | 365 | 0 | 2.67 |
| RYANT | 7/20/61 | 29.2 | 4.84 | 562 | 2.0 | 2.0 | 0 | 165 | 93.1 | 70.6 |

SCM CONFIDENTIAL

SA 035196

WEEKLY SUMMARY - WASTE TREATMENT

TO: Les Stoeffler

FROM: Fred Harrison

cc: J. D. Dailey, E. J. Gilman, D. Falvey, R. M. Levy, S. Stetz, Process C., G. H. Baldauf, R. Bennett

| DIVISION | DATE | INFLUENT | | | | EFFLUENT | | | | REMOVAL % | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Flow (MGD) | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Solids | BOD (ppm) | |
| ENG | 7/11/61 | 12.8 | 2.42 | 581 | 7.2 | 9.02 | 1.17 | 369 | 29.7 | 36.5 | |
| | 7/12/61 | 28.4 | 5.34 | 673 | 7.6 | 6.85 | 1.17 | 349 | 75.9 | 48.1 | |
| RYANT | 7/11/61 | 33.4 | 4.34 | 907 | 2.9 | - | 0.25 | 334 | - | 63.3 | |
| | 7/12/61 | 28.7 | 1.25 | 637 | 3.0 | 5.84 | 0 | 290 | 79.8 | 54.5 | |

SCM CONFIDENTIAL

D53187

WEEKLY SUMMARY - WASTE TANK TESTS

TO: Jas Stoeffler

FROM: Fred Harrison

cc: J. D. Dailey, R. M. Levy, G. H. Baldauf, E. J. Gilman, S. Stetz, R. Bennett, D. Falvey, Process C.

| DIVISION | DATE | INFLUENT | | | EFFLUENT | | | | REMOVAL % | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Flow (MGD) | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Solids | BOD (ppm) |
| ING | 7/6/61 | 17.2 | 2.5 | | 7.0 | 9.0 | 0.33 | | 47.6 | 52,500 |
| | 7/7/61 | 15.2 | 2.17 | 555 | 7.0 | 6.4 | 0.08 | 437 | 58.0 | 21.3 25,500 37,3 |
| RYANT | 7/7/61 | 37.7 | 12.5 | 1560 | 1.1 (By-passing) | 1.84 | 0 | 339 | 95.1 | 78 |

SCM CONFIDENTIAL

85158 HS

KING WASTE TREATMENT SUMMARY

May 1963

TO: U. G. STOEFFLER

FROM: P. H. GERMANN

cc: W. D. Harrison, J. D. Dailey, E. J. Gilman, R. M. Levy, G. H. Baldauf, J. Galloway, R. Mendham, S. Stetz, R. Bennett

| DATE | FLOW (MGD) | INFLUENT (#/DAY) SOLIDS | FIBER | BOD | EFFLUENT (#/DAY) SOLIDS | FIBER | BOD | REMOVAL (%) SOLIDS | FIBER | BOD |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/29 | 7.16 | 131,000 | 20,400 | - | 35,800 | -0- | 20,200 | 72.6 | 100 | - |
| 4/30 | 7.16 | 157,500 | 26,800 | - | 66,800 | -0- | 14,800 | 57.5 | 100 | - |
| 5/1 | 7.09 | 154,000 | 25,400 | 38,000 | 62,600 | 1,130 | 18,000 | 59.3 | 95.5 | 52.5 |
| 5/2 | 7.09 | 177,500 | 30,700 | 38,000 | 49,600 | 1,770 | 13,600 | 72.0 | 94.2 | 64.2 |
| 5/3 | 7.16 | 154,000 | 29,800 | - | 53,700 | 8,300 | - | 65.1 | 72.1 | - |
| 5/4 | 6.95 | 130,000 | 26,200 | - | 44,600 | 5,770 | - | 65.6 | 77.9 | - |
| 5/6 | 7.56 | 93,100 | 27,700 | 63,000 | 14,500 | 6,270 | 34,400 | 84.4 | 77.3 | 45.3 |
| 5/7 | 7.24 | 203,000 | 71,800 | 41,600 | 74,000 | 6,000 | 22,800 | 63.5 | 91.6 | 45.1 |
| 5/8 | 7.24 | 175,000 | 33,200 | 43,000 | 78,500 | -0- | 21,500 | 55.1 | 100.0 | 50.0 |
| 5/9 | 7.24 | 121,000 | 33,200 | - | - | - | - | - | - | - |
| 5/10 | 7.24 | 132,000 | 31,400 | - | 60,000 | -0- | - | 54.5 | 100.0 | - |
| 5/13 | 7.42 | 198,000 | 39,000 | 25,600 | 78,000 | 1.260 | 15,400 | 60.6 | 96.7 | 39.8 |
| 5/14 | 7.09 | 186,000 | 39,600 | 22,600 | 107,500 | 7,090 | 14,700 | 42.2 | 82.0 | 34.9 |
| 5/15 | 7.09 | 175,000 | 34,300 | 19,750 | 67,400 | 3,540 | 13,400 | 61.4 | 89.6 | 32.1 |
| 5/16 | 7.09 | 222,000 | 47,900 | 25,600 | 63,800 | 3,540 | - | 71.2 | 92.6 | - |
| 5/20 | 7.09 | - | - | 40,000 | - | - | 20,700 | - | - | 48.2 |
| 5/21 | 7.09 | 252,000 | 49,000 | 30,500 | 65,000 | 589 | 21,800 | 74.2 | 98.7 | 28.5 |
| 5/22 | 7.09 | 215,000 | 39,600 | 23,100 | 57,900 | -0- | 16,950 | 73.0 | 100.0 | 26.6 |
| 5/23 | 7.09 | 167,000 | 30,200 | 29,100 | 66,200 | 589 | 18,400 | 60.3 | 98.0 | 36.7 |
| 5/24 | 6.95 | 133,500 | 21,400 | - | 65,000 | 3,550 | - | 51.3 | 83.4 | - |
| 5/25 | 7.09 | 125,000 | 23,700 | - | 64,900 | 1,740 | - | 48.0 | 92.6 | - |
| Avg. | 7.15 | 165,080 | 34,030 | 33,830 | 61,900 | 2,690 | 19,000 | 62.7 | 91.7 | 42.0 |

SCM CONFIDENTIAL

5A 035191

KING DIVISION WASTE TREATMENT - APRIL 1963

TO: U. G. STOEFFLER

FROM: P. H. GERMANN

cc: W.D. Harrison, J.D. Dailey, E.J. Gilman, R.M. Levy, G.H. Baldauf, J. Galloway, R. Mendham, S. Stetz, R. Bennett, R.J. Willie

| DATE | FLOW | INFLUENT (#/DAY) | | | EFFLUENT (#/DAY) | | | REMOVAL (%) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | SOLIDS | FIBER | BOD | SOLIDS | FIBER | BOD | SOLIDS | FIBER | BOD |
| 1 | 6.7 | 220,000 | 38,000 | - | 60,000 | 1,675 | - | 72.7 | 95.6 | - |
| 2 | 6.5 | 195,000 | 64,000 | - | 71,000 | 2,140 | - | 63.6 | 95.7 | - |
| 3 | 6.5 | 127,000 | 21,700 | - | 58,500 | 4,350 | - | 53.1 | 80.0 | - |
| 4 | 6.4 | 125,000 | 27,700 | - | 71,500 | 3,200 | - | 43.2 | 88.5 | - |
| 5 | 6.4 | 93,000 | 20,400 | - | 66,300 | 1,090 | - | 29.0 | 94.6 | - |
| 6 | 6.5 | 120,000 | 25,000 | - | 22,200 | 1,130 | - | 81.7 | 95.5 | - |
| 7 | 6.4 | 123,000 | 32,000 | - | 26,600 | - 0 - | - | 78.4 | 100 | - |
| 8 | 6.3 | 169,000 | 41,000 | - | 47,300 | 1,575 | - | 72.2 | 96.2 | - |
| 9 | 6.3 | 153,000 | 28,900 | - | 69,300 | - 0 - | - | 54.7 | 100 | - |
| 10 | 6.5 | 162,500 | - | - | 76,500 | - 0 - | - | 53.0 | 100 | - |
| 11 | 6.5 | 124,500 | - | - | 59,500 | - 0 - | - | 52.2 | 100 | - |
| 12 | 6.5 | 166,000 | 28,200 | - | 113,500 | 5,400 | - | 31.6 | 80.8 | - |
| 13 | 6.5 | - | - | - | 48,700 | - 0 - | - | - | 100 | - |
| 15 | 6.7 | 202,000 | 48,200 | - | 55,700 | 5,550 | - | 72.5 | 88.5 | - |
| 16 | 7.0 | 114,000 | 24,800 | - | 69,500 | 5,140 | - | 31.6 | 79.3 | - |
| 17 | 7.2 | 126,500 | 33,100 | - | 24,100 | - 0 - | - | 81.0 | 100 | - |
| 18 | 7.0 | 125,000 | 23,800 | - | 18,600 | 1,740 | - | 85.2 | 92.7 | - |
| 19 | 7.0 | 166,000 | 43,300 | - | 51,500 | 5,200 | - | 69.0 | 88.0 | - |
| 20 | 7.1 | 147,000 | 32,500 | - | 49,100 | 5,900 | - | 66.5 | 81.8 | - |
| 21 | 7.2 | 189,000 | 35,000 | 18,300 * | 104,000 | 6,000 | 18,000 * | 45.0 | 82.8 | 1.6 |
| 22 | 7.0 | 168,000 | 24,500 | 18,700 * | 60,800 | 2,330 | 16,900 * | 63.8 | 90.5 | 9.6 |
| 23 | 7.1 | 144,500 | 21,300 | 24,200 | 71,000 | 2,340 | 14,565 | 50.9 | 89 | 41.6 |
| 24 | 7.0 | 180,000 | 34,200 | 23,600 | 134,500 | 1,740 | 20,600 | 25.3 | 94.9 | 12.7 |
| 25 | 7.0 | 173,000 | 26,900 | 24,000 | 73,800 | 2,940 | 18,500 | 57.4 | 89.1 | 22.9 |
| Avg. | | 152,700 | 32,100 | 21,800 | 62,600 | 2,480 | 17,700 | 59.0 | 92.5 | 14.2 |

* By NSCI

SCM CONFIDENTIAL

SA 035192

KING DIVISION
WASTE TREATMENT -- MARCH 1963

TO: U. G. STOEFFLER

FROM: P. H. GERMANN

CC: W. D. HARRISON, J. D. DAILEY, E. J. GILMAN, R. M. LEVY, G. H. BALDAUF, J. GALLOWAY, H. MENDHAM, S. STETZ, R. BENNETT, R. J. WILLIE

| DATE | FLOW | INFLUENT (#/DAY) | | | EFFLUENT (#/DAY) | | | REMOVAL (%) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | (MGD) | SOLIDS | FIBER | BOD * | SOLIDS | FIBER | BOD * | SOLIDS | FIBER | BOD |
| 5 | 7.2 | 222,000 | 51,600 | - | 11,950 | None | - | 94.6 | 100 | - |
| 6 | 7.0 | 175,000 | 40,800 | - | 11,600 | " | - | 93.4 | " | - |
| 7 | 6.8 | 184,000 | 51,000 | - | 24,000 | " | - | 87.0 | " | - |
| 11 | 7.9 | 242,000 | 40,000 | - | 97,500 | 6,550 | - | 60.0 | 83.6 | - |
| 12 | 8.0 | 154,000 | 27,400 | 41,000 | 84,000 | 2,640 | 24,200 | 45.5 | 90.4 | 41 |
| 13 | 6.7 | 181,000 | 25,100 | 37,400 | 60,300 | 1,680 | 24,300 | 66.6 | 93.3 | 35 |
| 14 | 6.5 | 196,000 | 31,400 | 39,600 | 92,000 | 2,720 | 23,400 | 53.0 | 91.3 | 41 |
| 18 | 6.5 | 124,000 | 21,100 | 26,800 | 70,500 | None | 16,800 | 43.0 | 100 | 37 |
| 19 | 6.8 | 136,000 | 27,200 | - | 38,500 | " | - | 71.6 | " | - |
| 20 | 7.0 | 127,000 | 24,500 | - | 18,600 | " | - | 83.3 | " | - |
| 21 | 6.8 | 130,000 | 25,500 | - | 34,000 | " | - | 73.8 | " | - |
| 22 | 6.7 | 119,000 | 27,900 | - | 48,000 | " | - | 60.0 | " | - |
| 25 | 6.7 | 123,000 | 29,400 | - | 3,350 | " | - | 97.3 | " | - |
| 26 | 6.7 | 145,000 | 33,500 | - | 8,960 | " | - | 93.8 | " | - |
| 27 | 6.9 | 126,000 | 35,600 | - | 11,500 | 5,700 | - | 90.9 | 84 | - |
| 28 | 6.9 | 141,000 | 25,900 | - | 54,000 | None | - | 61.7 | 100 | - |
| 29 | 6.9 | 136,000 | 29,100 | - | 13,500 | " | - | 90.2 | " | - |
| Avg. | 6.9 | 156,500 | 32,200 | 36,200 | 40,100 | 1,100 | 22,175 | 74.4 | 96.6 | 38.5 |

* NCSI Lab

SCM CONFIDENTIAL

SA 035193

SCM CONFIDENTIAL

TABLE I

KING DIVISION WASTE TREATMENT

TO: U. G. STOEFFLER

FROM: P. H. GERMANN

CC: W. D. Harrison
J. D. Dailey
R. M. Levy
G. H. Baldauf

| 1963 | NCSI BOD (PPM) INF | NCSI BOD (PPM) EFF | FLOW (MGD) | BOD (#/DAY) INF | BOD (#/DAY) EFF | SUSPENDED SOLIDS (#/DAY) INF | SUSPENDED SOLIDS (#/DAY) EFF | FIBER (#/DAY) INF | FIBER (#/DAY) EFF | DI FURNISH % BOOK | DI FURNISH TOTAL TONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12 | 616 | 363 | 8.0 | 41,000 | 24,200 | 154,000 | 84,000 | 27,400 | 2,640 | 52 | 225 |
| 3/13 | 668 | 364 | 6.7 | 37,400 | 24,300 | 181,000 | 60,300 | 25,100 | 1,680 | 53 | 188 |
| 3/14 | 593 | 350 | 6.5 | 39,600 | 23,400 | 196,000 | 92,000 | 31,400 | 2,720 | 49 | 201 |
| 3/18 | 490 | 310 | 6.5 | 26,800 | 16,800 | 124,000 | 70,500 | 21,100 | none | 51 | 165 |
| 4/21 | 305 | 300 | 7.2 | 18,300 | 18,000 | 189,000 | 104,000 | 35,000 | 6,000 | 47 | 220 |
| 4/22 | 320 | 290 | 7.0 | 18,700 | 16,900 | 168,000 | 60,800 | 24,500 | 2,330 | 48 | 230 |
| | R & D BOD (PPM) | | | | | | | | | | |
| 4/23 | 410 | 248 | 7.1 | 24,200 | 14,565 | 144,500 | 71,000 | 21,300 | 2,340 | 48 | 236 |
| 4/24 | 405 | 354 | 7.0 | 23,600 | 20,600 | 180,000 | 134,500 | 34,200 | 1,740 | 50 | 188 |
| 4/25 | 412 | 317 | 7.0 | 24,000 | 18,500 | 173,000 | 73,800 | 26,900 | 2,940 | 53 | 238 |

835134

| | Period #1 | Period #2 |
|---|---|---|
| King Division | .972 MGD | .571 MGD |
| Bryant Division | 4.79 MGD | 3.43 MGD |
| Monarch Division | 2.128 MGD | 1.86 MGD |
| Total | 7.89 MGD | 5.86 MGD |

TABLE 1 Laboratory analysis of composite samples

| Parameter | Survey Period | King 1 | King 2 | Bryant 1 | Bryant 2 | Monarch 1 | Monarch 2 |
|---|---|---|---|---|---|---|---|
| | Concentration | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l |
| 5 day BOD | | 120 | 170 | 280 | 240 | 32 | 13 |
| Suspended solids | | 72 | 46 | 204 | 214 | 28 | 16 |
| Suspended volatile solids | | 29 | 32 | 74 | 62 | 13 | 12 |
| Settleable solids | | 37 | 16 | 17 | 16 | 22 | 11 |
| pH | | 6.9 | 7.3 | 6.6 | 7.1 | 7.3 | 7.5 |

TABLE 2 Pounds per day to Kalamazoo River

| Period #1 | King | Bryant | Monarch | Total |
|---|---|---|---|---|
| 5 day BOD | 972 | 11,200 | 568 | 12,740 #/day |
| Suspended solids | 583 | 8,140 | 496 | 9,219 #/day |
| Suspended volatile solids | 235 | 2,960 | 231 | 3,426 #/day |
| Settleable solids | 299 | 679 | 390 | 1,368 #/day |
| Period #2 | | | | |
| 5 day BOD | 810 | 6,860 | 202 | 7,872 |
| Suspended solids | 220 | 6,120 | 248 | 6,588 |
| Suspended volatile solids | 153 | 1,775 | 186 | 2,114 |
| Settleable solids | 76.4 | 457 | 171 | 704.4 |

Pound per day was computed using following formula:

Flow (MGD) x concentration (mg/l) x unit wt. of water (8.34 lbs/gal) = lbs/day

TABLE 3 Paper production in tons during survey period

| | King | Bryant | Monarch | Total |
|---|---|---|---|---|
| Period #1 | 234 | 211.5 | 82.5 | 528 |
| | De-inking mill input 114 tons | | | |
| | output 91.6 tons | | | |
| Period #2 | 145.8 | 216.0 | 51.5 | 413.3 |
| | De-inking mill input 109 tons | | | |
| | output 87 tons | | | |

TABLE 4 Gallons of waste water discharged per ton of paper products

| | | | | |
|---|---|---|---|---|
| Period #1 | 4,154 | 22,650 | 25,790 | 14,940 |
| Period #2 | 2,640 | 23,530 | 36,200 | 14,120 |

0012641



SA00026434

Table 2

Production at Bryant Mill

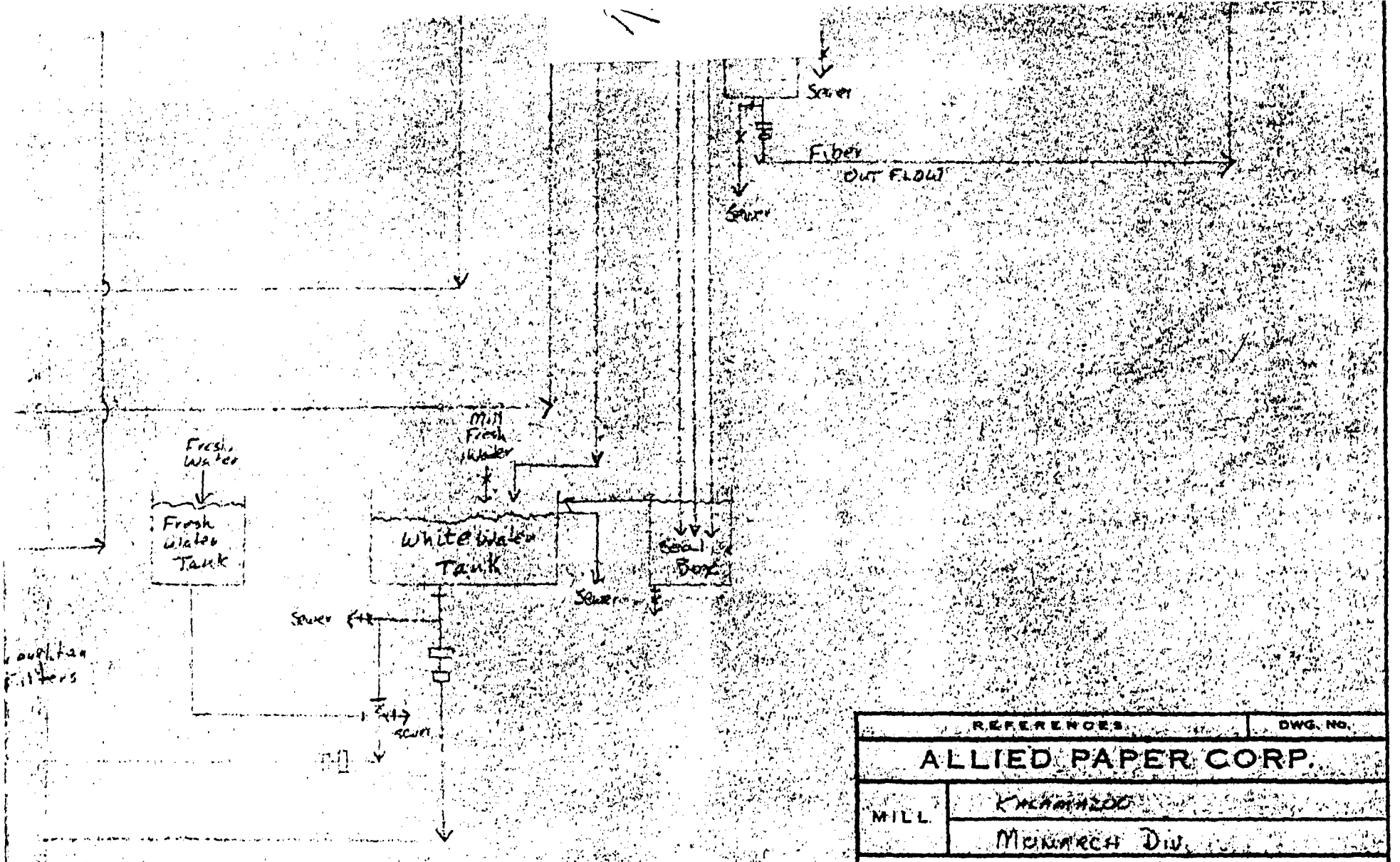
| Paper Machines | | De-inking Tons In | (80% In) Tons Out |
|---|---|---|---|
| First Survey Period | 209.2 Tons | 137 | 109.9 |
| Second Survey Period | 172.9 Tons | 118 | 94.5 |



MDNR00003700

MILLENNIUM HOLDINGS, INC.
KALAMAZOO RIVER MEDIATION

REFERENCED DOCUMENTS RE:
QUESTION NO. 8




| REFERENCES | DWG. NO. |
|---|---|

**ALLIED PAPER CORP.**

| | |
|---|---|
| MILL | KALAMAZOO |
| | MONARCH DIV. |

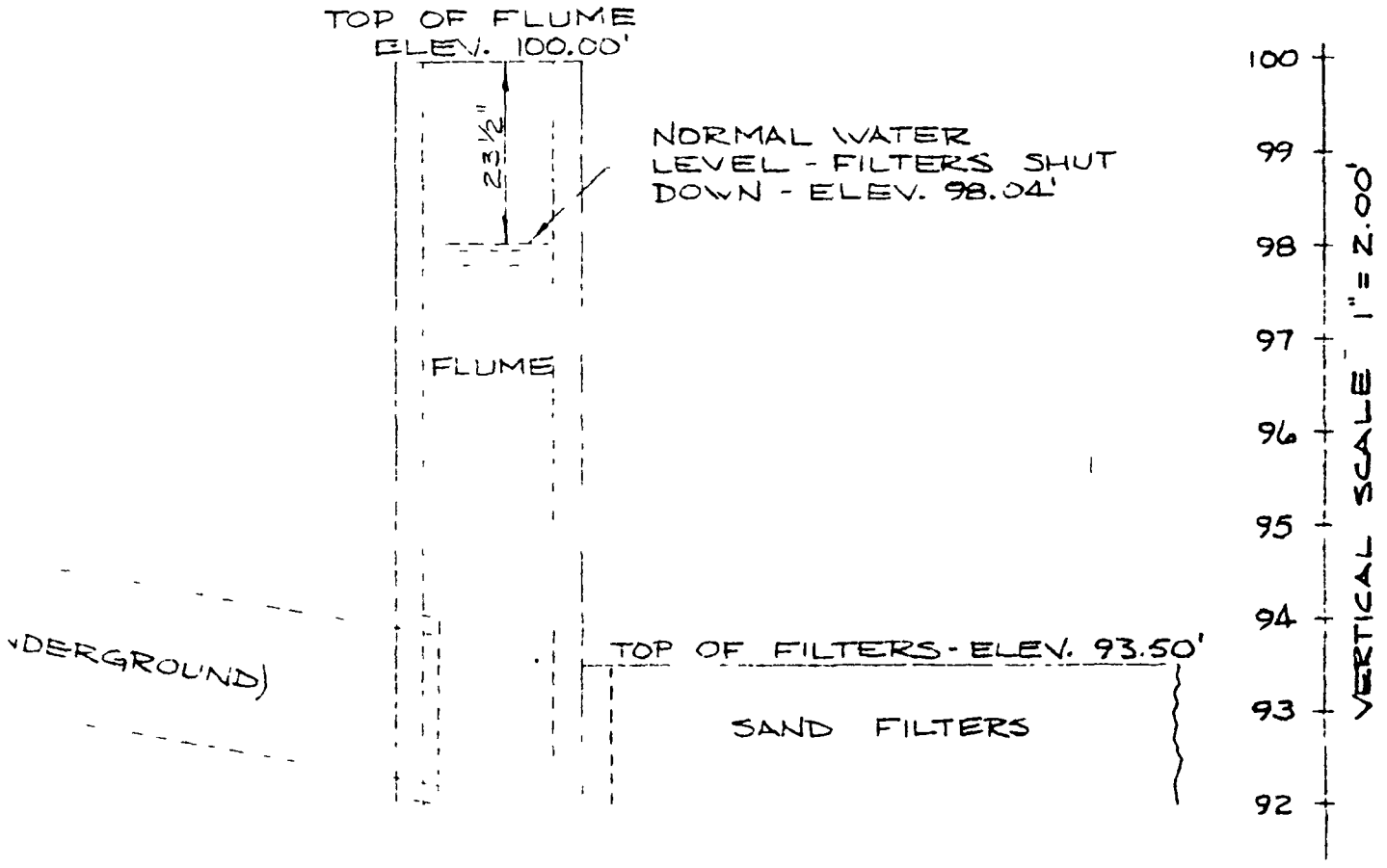
TITLE STOCK & WHITE WATER FLOW DIAGRAM #10 P.M.

| REVISIONS |
|---|
| |
| |
| |
| |
| |

| | NO. | DAY | YR. |
|---|---|---|---|
| SCALE | | | |
| DRAWN JAL | 1 | 23 | 75 |
| TRACED | | | |
| CHECKED | | | |
| CHECKED | | | |
| APPROVED | | | |

DWG. NO.

000058




| | |
|---|---|
| ALLIED PAPER CORP. | EH-1234 |
| REFERENCES | DWG. No. |

# ALLIED PAPER CORP.

| | |
|---|---|
| MILL | KALAMAZOO |
| | MONARCH DIVISION |

**TITLE** SCHEMATIC OF WATER LEVELS FROM CREEK TO FILTERS

WAS EM-221

| REVISIONS | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | | |
|---|---|---|---|---|
| SCALE NONE | NO. | DAY | YR. | DWG. No. |
| DRAWN GREG | 7 | 21 | 76 | |
| TRACED | | | | |
| CHECKED | | | | EH1233 |
| CHECKED | | | | |
| APPROVED | | | | |

92-2167

STATE OF MICHIGAN
# WATER RESOURCES COMMISSION
G. MENNEN WILLIAMS, GOVERNOR

LEGAL COUNSEL
PAUL L. ADAMS

STAFF
MILTON P. ADAMS
LOUIS F. ORMING
NORMAN SILLINGS
JOHN L. DESMOND

STAFF OFFICES
[illegible]
STATION B
LANSING 13, MICHIGAN

COMMISSION
[illegible]

April 9, 1958

RECEIVED
APR 11 1958
ALLIED PAPER MILLS

Mr. W. A. Kirkpatrick
Vice President
Allied Paper Corporation
Kalamazoo, Michigan

Dear Mr. Kirkpatrick:

The Commission is planning to resume its consideration of Kalamazoo area pollution problems on Wednesday, May 28, 1958 in Kalamazoo at 1:30 P. M. Dr. Nadelman and Western Michigan University are making available for this session, Room B-11 in the new Paper Institute Laboratory on the new university campus.

This conference is intended primarily to bring together all paper mill and municipal officials. A few representatives of conservation groups, the chamber of commerce, the press and local area members of the legislature and other interested citizens will be welcome observers should they care to attend.

The problem before the Commission is this. With municipal sewage collection and treatment and waste reduction by industry now in effect, all pursuant to previously adopted orders of the Commission, a stretch of Portage Creek and many miles of the river are seasonally at least a liability rather than an asset. Conditions here preclude any further expansion by the principal water using industry or others dependent on river water use. Offensive odor, riparian injuries and a water habitat unfit for fish and aquatic life are necessarily the rule rather than the exception.

As an aid to exploring the direction in which further progress can and should be made, please note the results of our 1956 Staff Survey, copy of which is enclosed. In addition paper mill managements addressed will receive a second page of this letter having reference to their particular problem and possible potential future obligations.

The Commission feels that the conference time should not be taken up with technicalities or clarification of technical details that can best be ironed out in advance of the meeting between the technical people. Accordingly it has directed that key members of our technical staff make themselves available upon request to meet individually or with the paper mill technicians as a group, at a mutually convenient time and place to discuss technical aspects of the report which may require further explanation. These preliminary discussions should be concluded prior to May 16th. Your cooperation and participation will be appreciated.

Very truly yours,
WATER RESOURCES COMMISSION

Milton P. Adams
Executive Secretary

SA 029157

## GENERAL STATEMENT

Figure 7 (page 18) shows observed river conditions during the intensive river survey of August, 1956. Note extent of zero dissolved oxygen depletion of the river, with a flow of 510 c.f.s. about 2-1/2 times the recorded minimum flow.

The report was prepared to predict the expected river condition under reduced waste loads and various river flows. As an example of how it can be used, we might assume that the Commission proposes to maintain the minimum mean daily concentration of dissolved oxygen in the river at or above 30% of the saturation value (2.46 p.p.m.) with a river temperature of 26° C. and flow of 260 cubic feet per second. In addition we will assume that the rate of self purification in the river will decrease to 86% of the observed rate in 1956. Under these conditions the maximum daily oxygen demanding load that can be discharged to the river from Comstock through Otsego is approximately 254,000 population equivalent or 42,400 pounds of 5-day biochemical oxygen demand.

Specific possible solutions for Allied Paper Corporation, King Division

Two schemes of allocation of this resource can be used; (a) Require 61.4% reduction of all waste loads from the 1950 level; (b) Require a 75% reduction of the 1950 de-ink mill waste loads with all other waste sources limited to their 1955-56 level. Under these two schemes your share of this allocation would be either -

(a) 6,293 of 5-day B.O.D. or population equivalent of 37,683

(b) 4,075 of 5-day B.O.D. or population equivalent of 24,400

Ralph W. Purdy

Robert Courchaine

SH 029163

## GENERAL STATEMENT

Figure 7 (page 18) shows observed river conditions during the intensive river survey of August, 1956. Note extent of zero dissolved oxygen depletion of the river, with a flow of 610 c.f.s. about 2-1/2 times the recorded minimum flow.

The report was prepared to predict the expected river condition under reduced waste loads and various river flows. As an example of how it can be used, we might assume that the Commission proposes to maintain the minimum mean daily concentration of dissolved oxygen in the river at or above 30% of the saturation value (2.46 p.p.m.) with a river temperature of 26° C. and flow of 260 cubic feet per second. In addition we will assume that the rate of self purification in the river will decrease to 86% of the observed rate in 1956. Under these conditions the maximum daily oxygen demanding load that can be discharged to the river from Comstock through Otsego is approximately 254,000 population equivalent or 42,400 pounds of 5-day biochemical oxygen demand.

Specific possible solutions for Allied Paper Corporation, Monarch Division

Two schemes of allocation of this resource can be used: (a) Require 61.4% reduction of all waste loads from the 1950 level; (b) Require a 75% reduction of the 1950 de-ink mill waste loads with all other waste sources limited to their 1955-56 level. Under these two schemes your share of this allocation would be either -

(a) 3,900 of 5-day B.O.D. or population equivalent of 23,359

(b) 2,526 of 5-day B.O.D. or population equivalent of 15,125

Ralph W. Purdy

Robert Courchaine

SH 029169

## GENERAL STATEMENT

Figure 7 (page 18) shows observed river conditions during the intensive river survey of August, 1956. Note extent of zero dissolved oxygen depletion of the river, with a flow of 610 c.f.s. about 2-1/2 times the recorded minimum flow.

The report was prepared to predict the expected river condition under reduced waste loads and various river flows. As an example of how it can be used, we might assume that the Commission proposes to maintain the minimum mean daily concentration of dissolved oxygen in the river at or above 30% of the saturation value (2.46 p.p.m.) with a river temperature of 26° C. and flow of 260 cubic feet per second. In addition we will assume that the rate of self purification in the river will decrease to 86% of the observed rate in 1956. Under these conditions the maximum daily oxygen demanding load that can be discharged to the river from Comstock through Otsego is approximately 254,000 population equivalent or 42,400 pounds of 5-day biochemical oxygen demand.

Specific possible solutions for Allied Paper Corporation, Byrant Division

Two schemes of allocation of this resource can be used: (a) Require 51.4% reduction of all waste loads from the 1950 level; (b) Require a 75% reduction of the 1950 de-ink mill waste loads with all other waste sources limited to their 1955-56 level. Under these two schemes your share of this allocation would be either -

(a) 4,288 of 5-day B.O.D. or population equivalent of 25,676

(b) 2,776 of 5-day B.O.D. or population equivalent of 16,625

Ralph W. Purdy

Robert Courchaine

COPY

Report of Waste Surveys
at
Allied Paper Company
(Monarch Division)
Kalamazoo, Michigan

Survey Periods (24 hours for each)

January 10, 1956
January 11, 1956
January 12, 1956
January 13, 1956
January 14, 1956
January 15, 1956
January 16, 1956

Summary of Results:

| Date | 1-10 | 1-11 | 1-12 | 1-13 | 1-14 | 1-15 | 1-16 |
|---|---|---|---|---|---|---|---|
| Flow, million g.p.d. | 3.5306 | 3.7333 | 3.6860 | 3.5262 | 3.4319 | 0.6463 | 4.0465 |
| Production, tons | 113.28 | 101.88 | 110.50 | 94.64 | 97.94 | | 83.02 |
| 5-Day B.O.D., lbs. | 10,255 | 9,029 | 12,106 | 6,718 | 6,476 | | 10,256 |
| 5-Day B.O.D., lbs/ton paper | 90.52 | 88.63 | 109.55 | 70.98 | 66.12 | | 123.53 |
| Total Susp. Sol., lbs. | 16,255 | 17,280 | 20,056 | 21,256 | 15,565 | | 14,936 |
| Total Susp. Sol., lbs/ton paper | 143.49 | 169.96 | 181.50 | 224.59 | 158.92 | | 179.90 |
| Total Susp.Vol.Sol.,lbs. | 6,218 | 4,359 | 5,525 | 5,578 | 5,164 | | 4,739 |
| Total Susp.Vol.Sol., lbs/ton paper | 54.90 | 42.79 | 50.00 | 69.51 | 52.73 | | 57.08 |
| Gallons waste per ton paper | 31,219 | 36,644 | 33,357 | 37,259 | 35,040 | | 48,741 |
| Population Equivalent | 61,407 | 54,066 | 72,491 | 40,228 | 38,778 | | 61,413 |
| Settleable Solids Removals | | 91.23 | 93.21 | 68.49 | 75.51 | | 86.73 |
| Other Paper Processing Susp. Sol. lbs. | 1,212 | | 1,150 | 670 | 453 | | 256 |
| Other Paper Processing Susp.Sol., lbs/tonPaper | 10.70 | | 10.41 | 7.08 | 4.63 | | 3.08 |

#1 dup

Type of Mill Production:

De-ink Mill

Mill Water Supply:

Well Water and Portage Creek

Waste Control:

De-ink waste and bleach plant waste flows by gravity to the main pump house. White water is pumped to the gravity line. De-ink waste, bleach water and white water are pumped to a 90-foot diameter clarifier with a 12-foot side water depth. Effluent is discharged to Portage Creek. Sludge is discharged to a large lagoon. Occasional white water overflows and coating room wastes are discharged to Portage Creek through the Cork Street weir.

Survey Procedure:

Effluent from the clarifier is discharged through a weir box. A company installed recording head meter was used to obtain a continuous record of the flow. A composite sample of the effluent was obtained from the compan's sampling device (water wheel type sampler).

An influent sample was obtained from the discharge line from the pump house. A constant size sample is taken at set time intervals by a timing device and valve arrangement.

White water overflows and other miscellaneous wastes plus uncontaminated were measured at a previously constructed weir in a culvert underneath Cork Street. A recording head meter was installed at the weir to obtain a continuous daily record of the flow. Samples were taken by an automatic sampler and composited for each survey period.

Survey Data:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Influent | | | | | | | |
| Date | 1-10 | 1-11 | 1-12 | 1-13 | 1-14 | 1-15 | 1-16 |
| 5-Day B.O.D., ppm | 420 | 380 | 495 | 265 | 285 | 30 | 395 |
| Susp. Sol., ppm | 1500 | 1480 | 1590 | 1500 | 1130 | 140 | 1370 |
| Susp. Vol. Sol., ppm | 870 | 800 | 870 | 780 | 770 | 110 | 790 |
| 2-hr. Settleable Sol., ppm | | 970 | 1046 | 1168 | 794 | | 1078 |
| pH | 8.2 | 7.3 | 6.9 | | | | |
| Effluent | | | | | | | |
| 5-Day B.O.D., ppm | 340 | 490 | 370 | 225 | 225 | | 285 |
| Susp. Sol. ppm | 510 | 555 | 615 | 700 | 523 | | 435 |
| Susp. Vol.Sol. ppm | 130 | 140 | 165 | 210 | 165 | | 135 |
| ph | 7.8 | 7.1 | 7.2 | | | | |
| Flow, million gals/day | 3.5366 | 3.7533 | 3.6860 | 3.5232 | 3.4319 | 0.5463 | 4.0465 |
| Other wastes | | | | | | | |
| 5-Day B.O.D., ppm | 8 | | 23 | 5.0 | 3.5 | 37 | 4.2 |
| Susp. Sol.,ppm | 32 | | 33 | 20 | 19 | 210 | 14 |
| Susp. Vol. Sol., ppm | 24 | | 13 | 12 | 15 | 68 | 10 |
| pH | 8.1 | | 7.7 | | | | |
| Flow, million gals/day | 4.543 | 4.3048 | 4.1770 | 4.0200 | 2.8605 | | 2.1884 |
| Portage Creek | | | | | | | |
| 5-Day B.O.D., ppm | | | 3.1 | | | | 1.4 |
| Susp. Sol., ppm | | | 0 | | | | 0.0 |
| Production, tons | 113.28 | 101.86 | 110.50 | 94.64 | 97.94 | 0 | 83.02 |

Survey Calculations:

Pounds of 5-Day B.O.D. to River

1-10 $3.5366 \times 8.34 \times 340 = 10,028$

$4.543 \times 8.34 \times (8-2) = 227$

Total 10,255

| | | | |
|---|---|---|---|
| 1-11 | 3.7333 x 8.34 x 290 = | 9,029 | |
| | Total | | 9,029 |
| 1-12 | 3.6860 x 8.34 x 370 = | 11,374 | |
| | 4.1770 x 8.34 x (23-2) = | 732 | |
| | Total | | 12,106 |
| 1-13 | 3.5262 x 8.34 x 225 = | 6,617 | |
| | 4.0200 x 8.34 x (5-2) = | 101 | |
| | Total | | 6,718 |
| 1-14 | 3.4319 x 8.34 x 225 = | 6,440 | |
| | 2.8605 x 8.34 x (3.5-2) = | 36 | |
| | Total | | 6,476 |
| 1-16 | 4.0465 x 8.34 x 285 = | 9,618 | |
| | 2.1884 x 8.34 x (37-2) = | 638 | |
| | Total | | 10,256 |

Pounds of 5-Day B.O.D. per ton of paper

| | | |
|---|---|---|
| 1-10 | 10,255 / 113.28 = | 90.52 |
| 1-11 | 9,029 / 101.88 = | 88.63 |
| 1-12 | 12,106 / 110.50 = | 109.55 |
| 1-13 | 6,718 / 94.64 = | 70.98 |
| 1-14 | 6,476 / 97.94 = | 66.12 |
| 1-16 | 10,256 / 83.02 = | 123.53 |

Population Equivalent

| | | |
|---|---|---|
| 1-10 | 10,255 / 0.167 = | 61,407 |
| 1-11 | 9,029 / 0.167 = | 54,066 |
| 1-12 | 12,105 / 0.167 = | 72,491 |
| 1-13 | 6,718 / 0.167 = | 40,228 |
| 1-14 | 6,476 / 0.167 = | 38,778 |
| 1-15 | No Data | |
| 1-16 | 10,256 / 0.167 = | 61,413 |

Total pounds of suspended solids to river

| | | | |
|---|---|---|---|
| 1-10 | 3.5366 x 8.34 x 510 = | 15,043 | |
| | 4.543 x 8.34 x 32 = | 1,212 | |
| | Total | | 16,255 |
| 1-11 | 3.733 x 8.34 x 555 = | 17,280 | |
| | Total | | 17,280 |
| 1-12 | 3.6860 x 8.34 x 615 = | 18,906 | |
| | 4.1770 x 8.34 x 33 = | 1,150 | |
| | Total | | 20,056 |
| 1-13 | 3.5262 x 8.34 x 700 = | 20,586 | |
| | 4.0200 x 8.34 x 20 = | 670 | |
| | Total | | 21,256 |
| 1-14 | 3.4319 x 8.34 x 528 = | 15,112 | |
| | 2.8605 x 8.34 x 19 = | 453 | |
| | Total | | 15,565 |

1-15 No data

1-16 4.0465 x 8.34 x 435 = 14,680
2.1884 x 8.34 x 14 = 256
Total 14,936

Total Pounds of Suspended Solids per ton of paper
1-10 16,255 / 113.28 = 143.49
1-11 17,280 / 101.88 = 169.96
1-12 20,056 / 110.50 = 181.50
1-13 21,256 / 94.64 = 224.59
1-14 15,565 / 97.94 = 158.92
1-16 14,936 / 83.02 = 179.90

Total Pounds of Suspended Volatile Solids to river
1-10 3.5366 x 8.34 x 180 = 5,309
4.543 x 8.34 x 24 = 909
Total 6,218

1-11 3.733 x 8.34 x 140 = 4,359
Total 4,359

1-12 3.6860 x 8.34 x 165 = 5,072
4.1770 x 8.34 x 13 = 453
Total 5,525

1-13 3.5262 x 8.34 x 210 = 6,176
4.0200 x 8.34 x 12 = 402
Total 6,578

1-14 3.4319 x 8.34 x 168 = 4,808
2.8605 x 8.34 x 15 = 356
Total 5,164

1-15 No data

1-16 4.0465 x 8.34 x 135 = 4,556
2.1884 x 8.34 x 10 = 183
Total 4,739

Total Pounds of Suspended Volatile Solids per ton of paper
1-10 6,218 / 113.28 = 54.89
1-11 4,359 / 101.88 = 42.79
1-12 5,525 / 110.50 = 50.00
1-13 6,578 / 94.64 = 69.51
1-14 5,164 / 97.94 = 52.73
1-16 4,739 / 83.02 = 57.08

Gallons Waste per ton of paper
1-10 (3,536,600) / 113.28 = 31,219
1-11 (3,733,300) / 101.88 = 36,644
1-12 (3,686,000) / 110.50 = 33,357
1-13 (3,526,200) / 94.64 = 37,259
1-14 (3,431,900) / 97.94 = 35,040
1-16 (4,046,500) / 83.02 = 46,741

Treatment Plant Efficiency

B.C. D. Removal

| | | | |
|---|---|---|---|
| 1-10 | (420 - 340) x 100 / 420 | = | 19.05% |
| 1-11 | (380 - 290) x 100 / 380 | = | 23.68% |
| 1-12 | (495 - 370) x 100 / 495 | = | 25.25% |
| 1-13 | (285 - 225) x 100 / 285 | = | 21.05% |
| 1-14 | (285 - 225) x 100 / 285 | = | 21.05% |
| 1-15 | No data | | |
| 1-16 | (395 - 285) x 100 / 395 | = | 27.85% |

Suspended Solids Removal

| | | | |
|---|---|---|---|
| 1-10 | (1500 - 510) x 100 / 1500 | = | 66.00% - 79.6 |
| 1-11 | (1440- 555) x 100 / 1440 | = | 61.45% - 85.0 |
| 1-12 | (1590 - 615) x 100 / 1590 | = | 61.32% - 67.3 |
| 1-13 | (1500 - 700) x 100 / 1500 | = | 53.33% - 65.7 |
| 1-14 | (1130 - 528) x 100 / 1130 | = | 53.27% - 77.7 |
| 1-15 | No data | | |
| 1-16 | (1370 - 435) x 100 / 1370 | = | 68.24% - 74.2 |

Suspended Volatile Solids Removal

| | | | |
|---|---|---|---|
| 1-10 | (870 - 180) x 100 / 870 | = | 79.31% |
| 1-11 | (800 - 140) x 100 / 800 | = | 82.50% |
| 1-12 | (870 - 165) x 100 / 870 | = | 81.03% |
| 1-13 | (780 - 210) x 100 / 780 | = | 73.07% |
| 1-14 | (770 - 168) x 100 / 770 | = | 78.18% |
| 1-15 | No data | | |
| 1-16 | (790 - 135) x 100 / 790 | = | 82.91% |

Settleable Solids Removal

| | | | |
|---|---|---|---|
| 1-10 | No data | | |
| 1-11 | (1440 - 555) x 100 / 970 | = | 91.23% |
| 1-12 | (1590 - 615) x 100 / 1046 | = | 93.21% |
| 1-13 | (1500 - 700) x 100 / 1168 | = | 68.49% |
| 1-14 | (1130 - 528) x 100 / 794 | = | 75.81% |
| 1-15 | No data | | |
| 1-16 | (1370 - 435) x 100 / 1078 | = | 86.73% |

Theoretical Detention Time:

| | |
|---|---|
| 1-10 | 3.85 hours |
| 1-11 | 3.59 hours |
| 1-12 | 3.73 hours |
| 1-13 | 3.90 hours |
| 1-14 | 4.01 hours |
| 1-15 | 21.29 hours |
| 1-16 | 3.40 hours |

Other Paper Processing Suspended Solids per ton paper

| | | | |
|---|---|---|---|
| 1-10 | 1212 / 113.28 | = | 10.70 |
| 1-11 | no data | | |
| 1-12 | 1150 / 110.50 | = | 10.41 |
| 1-13 | 670 / 94.64 | = | 7.08 |
| 1-14 | 453 / 97.94 | = | 4.63 |
| 1-15 | no data | | |
| 1-16 | 256 / 83.02 | = | 3.08 |

Remarks:

Since the July 1955 surveys, the bleach water discharged was relocated so that it receives waste treatment along with other de-ink wastes. This has decreased the quantity of suspended solids in those wastes that are classified as resulting from other paper processing operations to a point where they are within the limit set by this Commission. Other changes evidently were made that resulted in a decrease in waste flow to the treatment plant so that even after the addition of the bleach waste, the resulting flow to the unit is below the July 1955 levels. The result has been a substantial decrease in the quantity of B.O.D. and suspended solids remaining in the effluent.

The formation of a scum layer on the clarifier is no doubt decreasing the efficiency of this unit. If this can be eliminated, the treatment plant removals should increase.

Survey written and supervised by:
Ralph Purdy

Field work by:
Robert Courchaine

Chemical Analyses by:
Russell Krueger & Ralph Purdy

RPm

COPY

NRC

Report of Waste Survey

at

Allied Paper Company
(King Division)
Kalamazoo, Michigan

Survey Periods: (24 hours for each)

January 10, 1956
January 11, 1956
January 12, 1956
January 13, 1956
January 14, 1956
January 15, 1956
January 16, 1956

Summary of Results:

| Date | 1-10 | 1-11 | 1-12 | 1-13 | 1-14 | 1-15 | 1-16 |
|---|---|---|---|---|---|---|---|
| Flow, million g.p.d. | 5.5127 | 6.[illegible]11 | 5.4724 | 6.6989 | [illegible] | | |
| Production, tons | 194.64 | 207.78 | 199.70 | 199.10 | 196.07 | 0.0 | |
| 5-day B.O.D., lbs. | 13,333 | [illegible] | 17,543 | 18,407 | 14,348 | | |
| 5-day B.O.D., lbs/ton of paper | 68.50 | 45.60 | 87.85 | 92.[illegible] | 73.24 | | 122.62 |
| Total Susp.Sol., lbs. | 28,965 | 24,738 | 4,56[illegible] | 44,135 | 40,969 | | 29,456 |
| Total Susp.Sol., lbs/ton paper | 148.91 | 119.05 | 208.13 | 221.68 | 208.95 | | 188.03 |
| Total Susp.Vol.Sol. lbs/ton paper | 8.506 | 6,[illegible] | 15,796 | 15,085 | 13,841 | | 10,886 |
| Total Susp.Vol.Sol., lbs | [illegible].70 | 32.[illegible] | [illegible].06 | 75.77 | 70.[illegible] | | 69.49 |
| Cal. Waste/ton of paper | 25,323 | 30.[illegible]73 | [illegible].411 | 30,080 | 33,[illegible]56 | | 40,011 |
| Population Equivalents | 79,538 | 56,7[illegible]1 | [illegible],047 | 110,401 | 84,508 | | 115,029 |
| Settleable Sol. Removal, percent | | 10.[illegible]61 | 84.9[illegible] | 75.8[illegible] | 46.7[illegible] | 73.34 | 103.58 |
| Other Paper Processing Susp.Sol., lbs. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other Paper Processing Susp.Sol., lbs/ton paper | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Type of Mill Production:

De-ink Mill

Mill Water Supply:

Well water

Allied Paper Company-2
(King Division)

Waste Control:

All paper processing waste and de-ink waste water flows by gravity to a pump station. The waste at this point is pumped to a 110-foot diameter clarifier with a 13-foot side water depth. The effluent is discharged to a city storm sewer that empties into the Kalamazoo River.

Survey Procedure:

Effluent from the clarifier is discharged through a weir box. A company installed recorded recording head meter was used to obtain a continuous recor of the flow. A composite sample of the effluent was obtained by installing an automatic sampler.

An influent sample was obtained from the discharge line from the pump house. A constant side sample is taken at set intervals by a timing device and valve arrangement.

Sludge is discharged to one of several large lagoons.

Survey Data:

Influent

| Date | 1-10 | 1-11 | 1-12 | 1-13 | 1-14 | 1-15 | 1-16 |
|---|---|---|---|---|---|---|---|
| 5-Day B.O.D., p.p.m. | | 500 | 405 | 300 | 210 | 175 | 480 |
| Susp. Sol., p.p.m. | | 3190 | 2100 | 1700 | 1200 | 596 | 2540 |
| Susp. Vol. Sol., p.p.m. | | 1520 | 1080 | 700 | 700 | 362 | 1460 |
| 2 hr. Settleable Sol., p.p.m. | | 2600 | 1604 | 1200 | 984 | 446 | 2008 |
| pH | | 7.2 | 7.6 | | | | |
| Effluent | | | | | | | |
| 5-Day B.O.D., p.p.m. | 290 | 180 | 325 | 330 | 270 | 115 | 300 |
| Susp. Sol., p.p.m. | 630 | 470 | 770 | 790 | 740 | 268 | 450 |
| Susp. Vol.Sol.,p.p.m. | 185 | 130 | 200 | 270 | 250 | 128 | 170 |
| pH | 8.2 | 7.3 | 7.2 | | | | |
| Flow, million g.p.d. | 5.5127 | 6.3111 | 6.4724 | 6.4989 | 6.5597 | | 7.6780 |
| Production, tons | 194.64 | 207.78 | 199.70 | 199.10 | 196.07 | 0.0 | 156.66 |

Allied Paper Company-3
(Kingsley Division)

Survey Calculations:

Pounds of 5-day B.O.D. to River

| | | |
|---|---|---|
| 1-10 | 5.5127 x 8.34 x 290= | 13,333 |
| 1-11 | 6.3111 x 8.34 x 180= | 9,474 |
| 1-12 | 6.4724 x 8.34 x 325= | 17,543 |
| 1-13 | 6.6989 x 8.34 x 330= | 18,437 |
| 1-14 | 6.5597 x 8.34 x 270= | 14,948 |
| 1-15 | Data incomplete | |
| 1-16 | 7.678 x 8.34 x 300= | 19,210 |

Pounds of 5-day B.O.D. per ton of paper

| | | |
|---|---|---|
| 1-10 | 13,333 / 194.64= | 68.50 |
| 1-11 | 9,474 / 207.78= | 45.60 |
| 1-12 | 17,543 / 199.[illegible]= | 87.85 |
| 1-13 | 18,437 / 199.1[illegible]= | 92.60 |
| 1-14 | 14,948 / 196.[illegible]= | 76.24 |
| 1-16 | 19,210 / 156.66= | 122.62 |

Population Equivalents

| | | |
|---|---|---|
| 1-10 | 13,333 0.167= | 79,838 |
| 1-11 | 9,474 / 0.167= | 56,731 |
| 1-12 | 17,543 / 0.167= | 105,047 |
| 1-13 | 18,437 / 0.167= | 110,401 |
| 1-14 | 14,948 / 0.167= | 89,508 |
| 1-15 | Data incomplete | |
| 1-16 | 19,210 / 0.167= | 115,029 |

Total Pounds of Suspended Solids to River #1 day

| | | | |
|---|---|---|---|
| 1-10 | 5.5127 x 8.34 x 630= | 28,965 | 21,250 |
| 1-11 | 6.3111 x 8.34 x 470= | 24,738 | - |
| 1-12 | 6.4724 x 8.34 x 770= | 41,564 | 42,400 |
| 1-13 | 6.6989 x 8.34 x 790= | 44,136 | 40,200 |
| 1-14 | 6.5597 x 8.34 x 740= | 40,969 | 30,600 |
| 1-15 | Data incomplete | | - |
| 1-16 | 7.678 x 8.34 x 460= | 29,456 | 31,800 |

Total Pounds of Suspended Solids per ton of paper

| | | | |
|---|---|---|---|
| 1-10 | 28,965 / 194.[illegible]= | 148.81 | 109.2 |
| 1-11 | 24,738 / 207.[illegible]= | 119.06 | - |
| 1-12 | 41,564 / 1[illegible]= | 208.13 | 212.5 |
| 1-13 | 44,136 / 1[illegible]= | 221.[illegible] | 202.8 |
| ~~1-14~~ | 40,969 / 1[illegible]= | 208.9[illegible] | 158.0 |
| 1-15 | Data incomplete | | |
| 1-16 | [illegible] / 1[illegible]= | [illegible] | 203.0 |

Allied Paper Company
(King Division)

Total Pounds of Suspended Volatile Solids to River

| | | |
|---|---|---|
| 1-10 | [illegible] x 8.34 x 185 = | 8,506 |
| 1-11 | 6.3111 x 8.34 x 130 = | 6,842 |
| 1-12 | 6.4724 x 8.34 x 200 = | 10,796 |
| 1-13 | 6.6089 x 8.34 x 270 = | 15,085 |
| 1-14 | [illegible] x 8.34 x 250 = | 13,841 |
| 1-15 | Data Incomplete | |
| 1-16 | 7.678 x 8.34 x 170 = | 10,886 |

Total Pounds of Suspended Volatile Solids per ton of paper

| | | |
|---|---|---|
| 1-10 | 8,506 / 194.64 = | 43.70 |
| 1-11 | 6,842 / 207.78 = | 32.93 |
| 1-12 | 10,796 / 199.10 = | 54.00 |
| 1-13 | 15,085 / 199.10 = | 75.77 |
| 1-14 | 13,841 / 196.07 = | 70.59 |
| 1-15 | Data Incomplete | |
| 1-16 | 10,886 / 196.66 = | 55.49 |

Gallons of Wastes per ton of Paper

| | | |
|---|---|---|
| 1-10 | 5,512,700 / 194.64 = | 28,323 |
| 1-11 | 6,311,000 / 207.78 = | 30,373 |
| 1-12 | 6,472,400 / 199.70 = | 32,411 |
| 1-13 | 6,000,900 / 199.10 = | 30,080 |
| 1-14 | 6,559,700 / 196.07 = | 33,456 |
| 1-15 | Data Incomplete | |
| 1-16 | 7,678,000 / 196.66 = | 40,011 |

Treatment Plant Efficiency - B.O.D. Removal

| | | |
|---|---|---|
| 1-10 | Data Incomplete | |
| 1-11 | (500 - 180) x 100/500 = | 64.00% |
| 1-12 | (405 - 325) x 100/405 = | 19.75% |
| 1-13 | (300 - 530) x 100/300 = | --- |
| 1-14 | (210 - 270) x 100/210 = | --- |
| 1-15 | (175 - 115) x 100/175 = | 34.28% |
| 1-16 | (480 - 300) x 100/480 = | 37.50% |

Suspended Solids Removal

| | | |
|---|---|---|
| 1-10 | Data Incomplete | |
| 1-11 | (3190 - 470) x 100/3190 = | 85.26% |
| 1-12 | (2100 - 770) x 100/2100 = | 63.33% |
| 1-13 | (1700 - 790) x 100/1700 = | 53.52% |
| 1-14 | (1200 - 737) x 100/1200 = | 38.33% |
| 1-15 | (596 - 210) x 100/596 = | 64.76% |
| 1-16 | (2540 - 970) x 100/2540 = | 61.88% |

Allied Paper Company
([illegible])

Suspended Volatile Solids Removal

| | | | | |
|---|---|---|---|---|
| 1-1 | Data incomplete | | | |
| 1-11 | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |
| 1-1[illegible] | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |
| 1-1[illegible] | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |
| 1-1[illegible] | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |
| 1-1[illegible] | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |
| 1-1[illegible] | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |

Settleable Solids Removal

| | | | | |
|---|---|---|---|---|
| 1-1[illegible] | Data incomplete | | | |
| 1-11 | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |
| 1-1[illegible] | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |
| 1-1[illegible] | ([illegible] - [illegible]) | x 100/1200 | = | [illegible] |
| 1-1[illegible] | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |
| 1-1[illegible] | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |
| 1-1[illegible] | ([illegible] - [illegible]) | x 100/[illegible] | = | [illegible] |

Theoretical Detention Time

| | |
|---|---|
| 1-1 | [illegible] hours |
| 1-11 | 3.[illegible] hours |
| 1-1[illegible] | [illegible] hours |
| 1-13 | [illegible] hours |
| 1-1[illegible] | [illegible] hours |
| 1-1[illegible] | Data incomplete |
| 1-1[illegible] | [illegible] hours |

Remarks:

A floating scum covering the entire surface of the clarifier is no doubt interfering with the efficiency of this treatment unit. It is hoped that a new mechanically cleaned bar screen, that is now on order, will allow an uninterrupted flow to the wet well and eliminate the problem.

Field Work by: Robert Courchaine

Survey written & supervised by: Ralph W. Purdy

Chemical Analyses by: Russ [illegible] and Ralph W. Purdy

## Report of Survey

ALLIED PAPER CORPORATION - BRYANT MILL
Kalamazoo, Michigan

Survey Periods: ( 24 hours each)

#1 - May 27 & 28, 1957, 8 a.m. to 8 a.m.
#2 - May 28 & 29, 1957, 8 a.m. to 8 a.m.

Summary of Results:

| | #1 | #2 |
|---|---|---|
| Flow, million gal. per day | 5.36 | 5.81 |
| Production, tons | 150.45 | 186.31 |
| 5 Day B.O.D., lbs. | 7,823 | 16,959 |
| 5 Day B.O.D., lbs. per ton paper | 52 | 91 |
| Susp. Solids, lbs. | 21,234 | 48,455 |
| Susp. Solids, lbs. per ton paper | 141 | 260 |
| Susp. Volatile solids, lbs. | 6,034 | 17,202 |
| Susp. Volatile solids, lbs. per ton paper | 40 | 92 |
| 2 Hr. Settleable Solids, % removal | 96 | 73 |
| Population Equivalent | 46,844 | 101,551 |
| pH | 7.4 | 7.9 |

Type of Production: De-ink Mill

Mill Water Supply: Portage Creek water from above Allied Monarch Division augmented with city water.

Waste Treatment: See Report of Survey St. Regis Paper Company. July 20-26, 1955, by R.W. Purdy.

Survey Procedure: Twenty-four hour composite samples and charts of flow were obtained from the Allied Corp. sampling and recording equipment.

Survey Data:

| | #1 | #2 |
|---|---|---|
| Flow, M.G.D. | 5.36 | 5.81 |
| Production, tons | 150.45 | 186.31 |
| **Influent:** | | |
| 5 Day B.O.D., ppm | 370 | 480 |
| Susp. Solids, ppm | 1720 | 2300 |
| Susp. Volatile Solids, ppm | 620 | 1000 |
| 2 Hr. Settleable Solids | 1440 | 1780 |
| pH | 7.3 | 7.1 |
| **Effluent:** | | |
| 5 Day B.O.D., ppm | 175 | 350 |
| Suspended Solids, ppm | 475 | 1000 |
| Suspended Volatile Solids, ppm | 135 | 355 |
| ~~2 Hr. Settleable Solids, ppm~~ | ~~123~~ | ~~506~~ |
| pH | 7.4 | 7.9 |

SA 029182

Calculations:

Pounds of 5 day B.O.D. to River
#1 - 8.34 x 5.36 x 175 = 7,823 lbs.
#2 - 8.34 x 5.81 x 350 = 16,959 lbs.

Pounds of 5 Day B.O.D. per ton of paper
#1 - 7,823/150.45 = 52 lbs.
#2 - 16,959/186.31 = 91 lbs.

Population equivalent
#1 - 7,823/.167 = 46,844 persons
#2 - 16,959/.167 = 101,551 persons

% Removal 5 day B.O.D.
#1 - 195/370 = 53 percent
#2 - 130/460 = 27 percent

Pounds of suspended solids to River
#1 - 8.34 x 5.36 x 475 = 21,234 lbs.
#2 - 8.34 x 5.81 x 1000 = 48,455 lbs.

Pounds of Susp. Solids per ton of paper
#1 - 21,234/150.45 = 141 lbs.
#2 - 48,455/186.31 = 260 lbs.

Percent removal Suspended Solids
#1 - 1245/1720 = 72 percent
#2 - 1300/2300 = 57 percent

Pounds of Susp. Volatile Solids to River
#1 - 8.34 x 5.36 x 135 = 6,035 lbs.
#2 - 8.34 x 5.81 x 355 = 17,202 lbs.

Pounds of Susp. Volatile Solids per ton of paper
#1 - 6,035/150.45 = 40 lbs.
#2 - 17,202/186.31 = 92 lbs.

Percent Removal of Susp. Volatile Solids
#1 - 685/820 = 84 percent
#2 - 645/1000 = 65 percent

Percent Removal of 2 Hr. Settleable Solids
#1 - 1245/1440 = 86 percent
#2 - 1300/1780 = 73 percent

Remarks: Practically all of the de-ink waste was going to the treatment plant at the time of the survey.

Survey and report by: F. Shannon
Chemical analysis by: R. Krueger
Approved by: R. Purdy

Mill: Monarch Location: Kalamazoo, MI

198. Are special provisions made for spills, screen rejects, and excess materials from coating or sizing systems?

(a) Yes

(b) No

(c) Limited

199. Does the mill employ organic solvent coating or saturating operations?

(a) Yes

(b) No

200. If yes, please give the type and quantities (lbs/day) of organic solvent used.

N.A.

201. Give the average daily organic solvent coated or saturated paper produced. N.A.

_____ tons/day



SA 030405

SA00030405

Mill: Monarch Location: Kalamazoo, MI

202. Please indicate effluent from the combined papermachine facilities as follows: (i.e., total flow from all machines)

| Waste Source | Volume GPM | | Suspended Solids (if applicable) lbs/day |
|---|---|---|---|
| a. Centricleaner and machine screen rejects | 26 | | 1975 |
| b. Couch pit, seal box, and any other unclarified whitewater overflows | very little | | very little |
| c. Thick stock spills, dumps, washups from stock preparation area and machine | very little | gal/day | very little |
| d. Excess clarified whitewater | 763 | | 1199 |
| e. Cloudy water from vacuum systems, or pump sealing applications | 265 | | 4100 |
| f. Clear water discharges i.e., cooling services, condensate, other non-process services | 154 | | 0 |
| g. Other effluent sources not included above | 210 | | 3404 |
| h. Total papermill effluent | 1418 | | 10,678 |

i. Is (f) discharged via process sewer or separately? (Circle answer)

(YES) NO

"Yes" answer means (f) discharged via process sewer

Additional Information

203. Does the mill have a program for disposal of old electrical transformers?

(a) (Yes)

(b) No

204. Please give the number of people employed at your mill. 99



SA 030406

SA00030406

Mill: Monarch Location: Kalamazoo, MI

## V. WATER USAGE AND EFFLUENT TREATMENT PRACTICES

### Instructions for Completing Section V

Section V requests information on the mill's wastewater treatment practices. In Section VIII a general schematic of the effluent treatment system is requested. You have the option of providing any of the data requested in Section V on the schematic. If you do this, please indicate on the question(s) involved that the data is presented on the schematic.

### A. Water Usage

205. Indicate the source and amount of process water.

| | | |
|---|---|---|
| (a) | Surface (i.e., river, lake or reservoir) | 1.842 MGD |
| (b) | Groundwater | _____ MGD |
| (c) | Other (please describe) _____ | _____ MGD |

206. Does the quality of the raw water limit the reuse of water in this mill?

(a) Yes - explain _____

_____

(b) No

207. Indicate the source and amount of the mill's cooling water.

| | | |
|---|---|---|
| (a) | Surface | 0.286 MGD |
| (b) | Groundwater | _____ MGD |
| (c) | Other (please describe) _____ | _____ MGD |

208. Indicate the source and amount of the mill's boiler feed water.

| | | |
|---|---|---|
| (a) | Surface | 0.030 MGD |
| (b) | Groundwater | _____ MGD |
| (c) | Other (please describe) _____ | _____ MGD |



SA 030407

SA00030407

Mill: Monarch Location: Kalamazoo, MI

209. Describe treatment used for boiler feed water conditioning.
Zeolite softners, chemicals include acid chelating agent and neutralizers for corrosion reduction

210. Give the disposal method now employed for boiler blowdown water.

(a) Sewered to treatment plant

(b) Directly discharged

(c) Directly discharged with pH adjustment

(d) Directly discharged after cooling

(e) Other (please describe) _____

B. Background Data

211-212. DELETED - ANSWERED IN PART I

213. How is cooling water disposed?

(a) Separate discharge to receiving stream.

(b) Combined with process waters before treatment.

(c) Combined with treated process waters.

(d) Recycled.

C. Indirect Discharger please provide the following information:

214. Name and location of POTW which handles your wastewater.

N.A.

215-216. DELETED - ANSWERED IN PART I

217. Are there specific pretreatment requirements of limits upon pollutant parameters imposed by the POTW system to which you discharge?

(a) Yes N.A.

(b) No



SA 030408

SA00030408

Mill: Monarch Location: Kalamazoo, MI

218. If the answer to the preceding question was (a), please list the specific pretreatment requirements or pollutant parameter limits imposed on your mill by the POTW.
N.A.

219. DELETED - ANSWERED IN PART I

220. If neutralization is practiced, fill in the following. N.A.

Chemical used _____

221. DELETED - ANSWERED IN PART I

222. Are any chemicals or other settling aids added to the primary treatment units?

(a) Yes

(b) No

(c) To the extent necessary (intermittent)

223. Please show the wastewater streams which enter the secondary treatment system (if applicable). N.A.

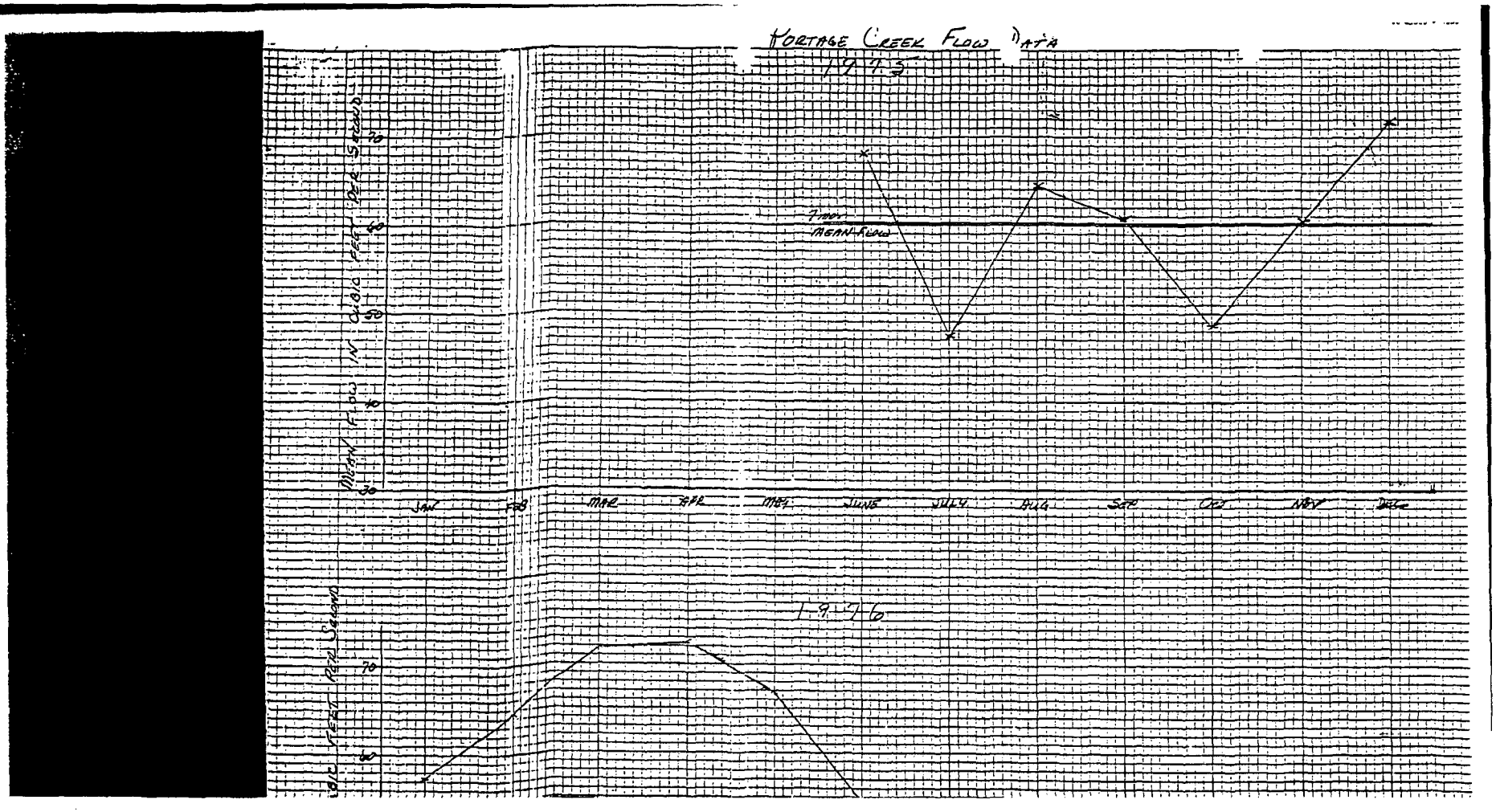
| Process Source or Sewer No.* | | Flow, MGD | BOD, lb/D | TSS, lb/D |
|---|---|---|---|---|
| a. Design Values | Average Day | | | |
| | Maximum Day | | | |
| | Maximum Month | | | |
| b. Primary Treatment Effluent | Average Day | | | |
| | Maximum Day | | | |
| | Maximum Month | | | |
| c. Other | Average Day | | | |
| _____ | Maximum Day | | | |
| | Maximum Month | | | |

*Process source or sewer number should be keyed to the mill process and wastewater treatment schematics requested in Section VIII.



SA 030409

SA00030409


PORTAGE CREEK FLOW DATA
1973
MEAN FLOW IN CUBIC FEET PER SECOND
70
60
50
40
30
MEAN
JAN
FEB
MAR
APR
MAY
JUNE
JULY
AUG
SEP
OCT
NOV
DEC
1976
CUBIC FEET PER SECOND
70
60

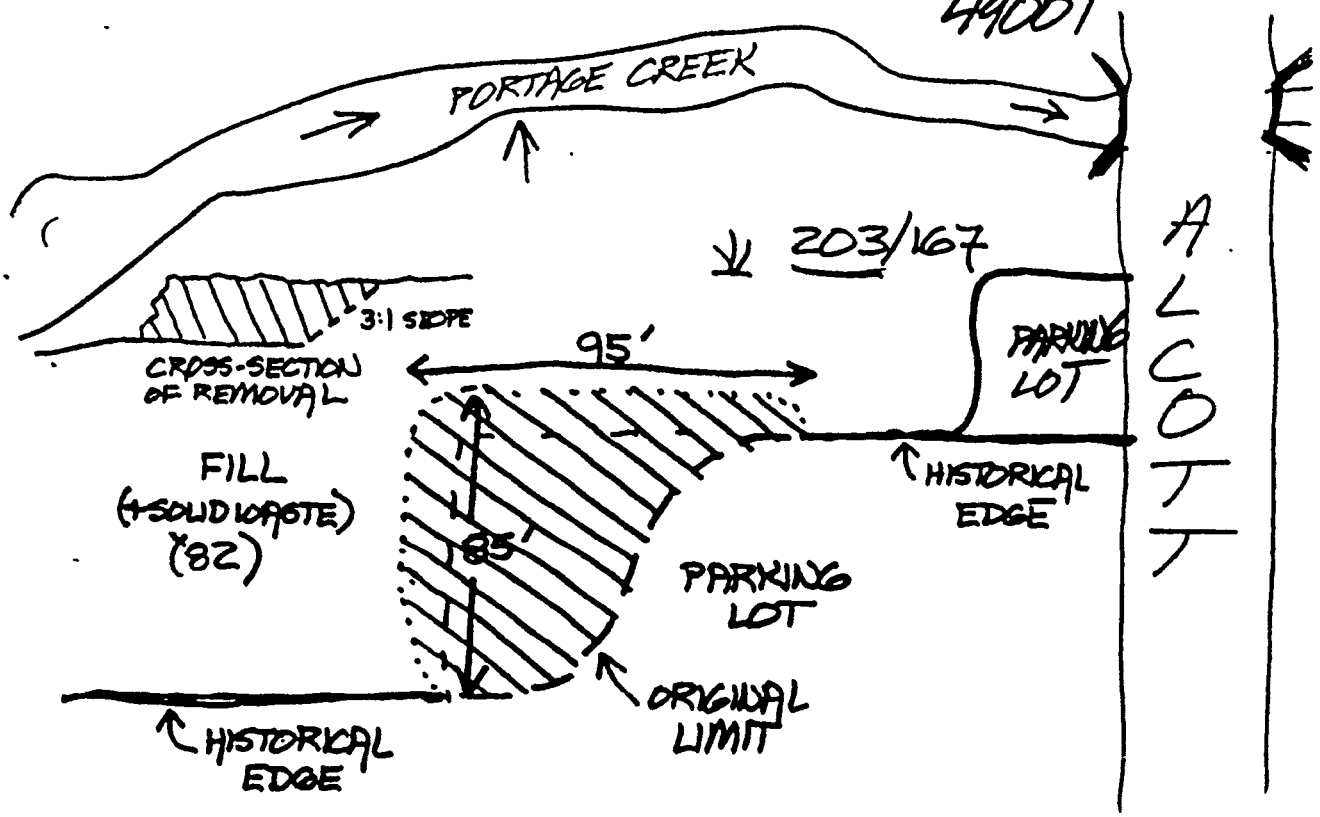
SA0005637

5/8/84 TCB/JU

ON-SITE EXT. 44[illegible]
381-3811
MET W, JIM SWEENEY

FILL COMPLNT:

ATTN → STRYKER CORP.
420 ALCOTT
49001



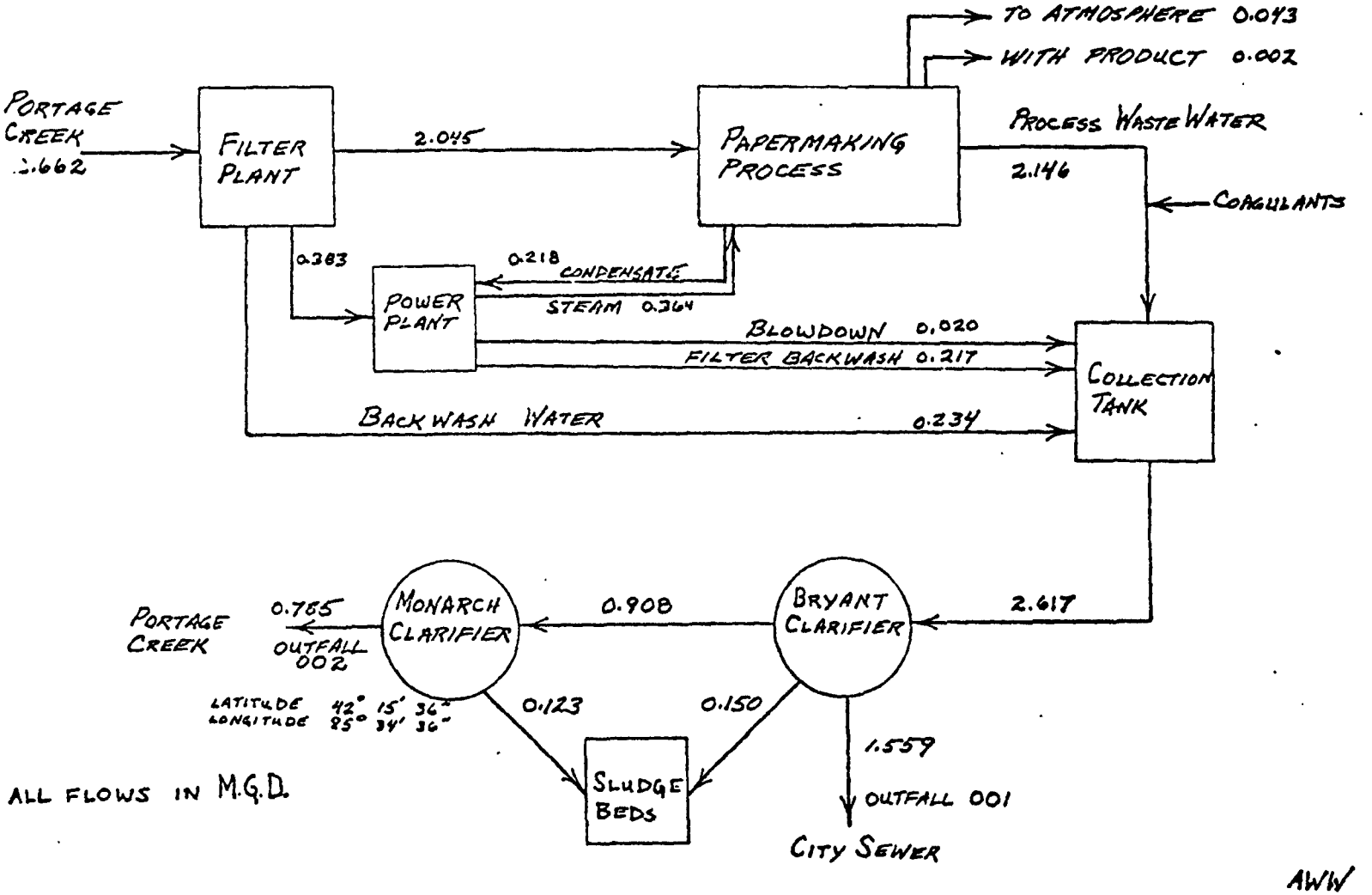

N →

0005961

# ALLIED PAPER INC. KALAMAZOO, MICHIGAN

## SCHEMATIC WATER FLOW

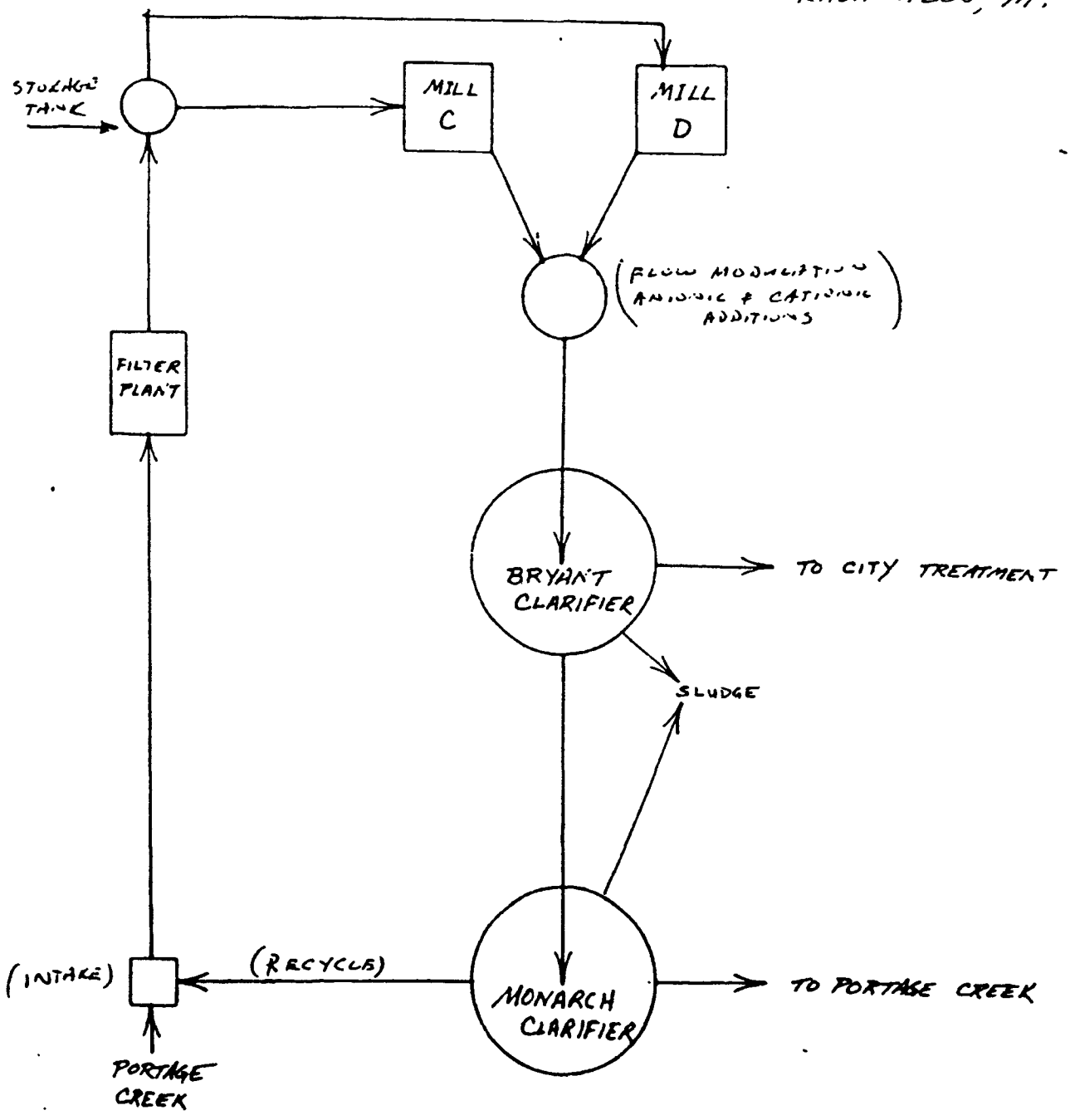
0005962




AWW

SA 0005639
SA0005639

ALLIED PAPER CO
BRYANT MILL
KALAMAZOO; MI




0005963



SA00005640

→ John Losers

MICHIGAN WATER RESOURCES COMMISSION
Waste Water Survey
Allied Paper Corporation INC.
Bryant, Monarch, & King Divisions
JUNE May 13, 14, 15, 1967

001264O

A 40 hour waste water survey was conducted at the Bryant, Monarch & King Divisions of the Allied Paper Corporation in Kalamazoo on May 13-15, 1967. The purpose of the survey was to determine the quality and quanity of waste water being discharged to the Kalamazoo River by the company and to determine the extent of compliance with an agreement between the company and the Water Resources Commission dated November 30, 1961 and the Final Order of Determination adopted by the Commission October 24, 1951.

Operations

Bryant Division
The Bryant Division employs 900 people in a 6-day operation. This plant has 5 paper machines and a de-inking mill. Book printing paper from bleached kraft and de-inked stock is produced on the 5 paper machines. The water supply is from Portage Creek and a private well in the proportion of 6 to 1. The waste water consists of waste from the de-inking mill and excess white water from the paper machines. The waste control devices are saveralls on each paper machine and a clarifier 100 feet in diameter.

Monarch Division
The Monarch Division employs 200 people on a 7-day schedule. The plant has two paper machines which produce carbon tissue and book printing paper. The raw materials are bleached and unbleached kraft and de-inked stock. The waste water treatment consists of a clarifier 90 feet in diameter which discharges to Portage Creek.

King Division
The King Division employs 400 people and operates on a 6 day schedule. The main product is book printing material which is produced on 4 paper machines. The plant water supply is a private well for processing and the Kalamazoo River water for cooling. The waste water treatment consists of save-alls on each paper machine and a 110 feet in diameter clarifier. At this division, a large part of the clarified water is re-used.

Survey Procedure

All the clarifiers had existing weirs on the discharges. We installed automatic samplers and water level recorders at each clarifier discharge. The automatic sampler took samples proportial to the instantaneous flow at 15 minute intervals. The water level recorder measured the head over the weir on a time chart from which we computed the flow.

Flow Data & Survey Periods

Survey Period #1 Starting JUNE May 13, 1967 at 8:00 a.m. EST
Ending May 14, 1967 at 9:00 a.m. EDST

Survey Period #2 Starting May 14, 1967 at 9:00 a.m. EDST
Ending May 15, 1967 at 9:00 a.m. EDST

| | Period #1 | Period #2 |
|---|---|---|
| King Division | .972 MGD | .571 MGD |
| Bryant Division | 4.79 MGD | 3.43 MGD |
| Monarch Division | 2.128 MGD | 1.86 MGD |
| Total | 7.89 MGD | 5.86 MGD |

TABLE 1 Laboratory analysis of composite samples

| Parameter | Survey Period | King 1 | King 2 | Bryant 1 | Bryant 2 | Monarch 1 | Monarch 2 |
|---|---|---|---|---|---|---|---|
| | Concentration | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l |
| 5 day BOD | | 120 | 170 | 280 | 240 | 32 | 13 |
| Suspended solids | | 72 | 46 | 204 | 214 | 28 | 16 |
| Suspended volatile solids | | 29 | 32 | 74 | 62 | 13 | 12 |
| Settleable solids | | 37 | 16 | 17 | 16 | 22 | 11 |
| pH | | 6.9 | 7.3 | 6.6 | 7.1 | 7.3 | 7.5 |

TABLE 2 Pounds per day to Kalamazoo River

| Period #1 | King | Bryant | Monarch | Total |
|---|---|---|---|---|
| 5 day BOD | 972 | 11,200 | 568 | 12,740 #/day |
| Suspended solids | 583 | 8,140 | 496 | 9,219 #/day |
| Suspended volatile solids | 235 | 2,960 | 231 | 3,426 #/day |
| Settleable solids | 299 | 679 | 390 | 1,368 #/day |
| **Period #2** | | | | |
| 5 day BOD | 810 | 6,860 | 202 | 7,872 |
| Suspended solids | 220 | 6,120 | 248 | 6,588 |
| Suspended volatile solids | 153 | 1,775 | 186 | 2,114 |
| Settleable solids | 76.4 | 457 | 171 | 704.4 |

Pound per day was computed using following formula:

Flow (MGD) x concentration (mg/l) x unit wt. of water (8.34 lbs/gal) = lbs/day

TABLE 3 Paper production in tons during survey period

| | King | Bryant | Monarch | Total |
|---|---|---|---|---|
| Period #1 | 234 | 211.5 | 82.5 | 528 |
| | De-inking mill input 114 tons | | | |
| | output 91.6 tons | | | |
| Period #2 | 145.8 | 216.0 | 51.5 | 413.3 |
| | De-inking mill input 109 tons | | | |
| | output 87 tons | | | |

TABLE 4 Gallons of waste water discharged per ton of paper products

| | | | | |
|---|---|---|---|---|
| Period #1 | 4,154 | 22,650 | 25,790 | 14,940 |
| Period #2 | 2,640 | 23,530 | 36,200 | 14,120 |

0012641

TABLE 5 Suspended solids discharged per ton of paper produced

| | King | Bryant | Monarch | Ave. of Total |
|---|---|---|---|---|
| Period #1 | 2.49 | 38.6 | 6.04 | 17.45 |
| Period #2 | .973 | 42.0 | 4.81 | 15.95 |

TABLE 6 Pounds of BOD discharged per ton of paper produced

| | King | Bryant | Monarch | Ave. of Total |
|---|---|---|---|---|
| Period #1 | 4.15 | 53.0 | 6.9 | 24.2 |
| Period #2 | 3.85 | 47.0 | 3.993 | 19.05 |

Limits set forth in agreement between the company and the Water Resources Commission of November 30, 1961 and the Order of Determination of October 24, 1951 are as follows:

1. Total pounds of BOD 14,490 lbs/day
2. Suspended solids not to exceed 10 lbs/ton of paper produced.
3. No freely settleable solids

Discussion

During the first period of the survey the BOD load was 12,740 lbs/day with a production load of 528 tons. The second survey period the production was reduced by 22% and the BOD was reduced by 38%.

The King and Monarch plants seem to have adequate solids control to meet the order but the Bryant Division is in excess of the order by 30 lbs to the ton of paper produced. The average pounds of suspended solids per ton from all three plants exceeds the 10 pounds stipulated in the Order by 7.45 and 5.95 pounds per ton.

Survey by: G. Kilmer, Sanitary Engineer
J. Rydquist, Sanitary Engineer
R. Caltrider, Sanitary Engineer
L. Vuhovick, Water Pollution Investigat

Laboratory analyses by: R. Krueger, Chemist

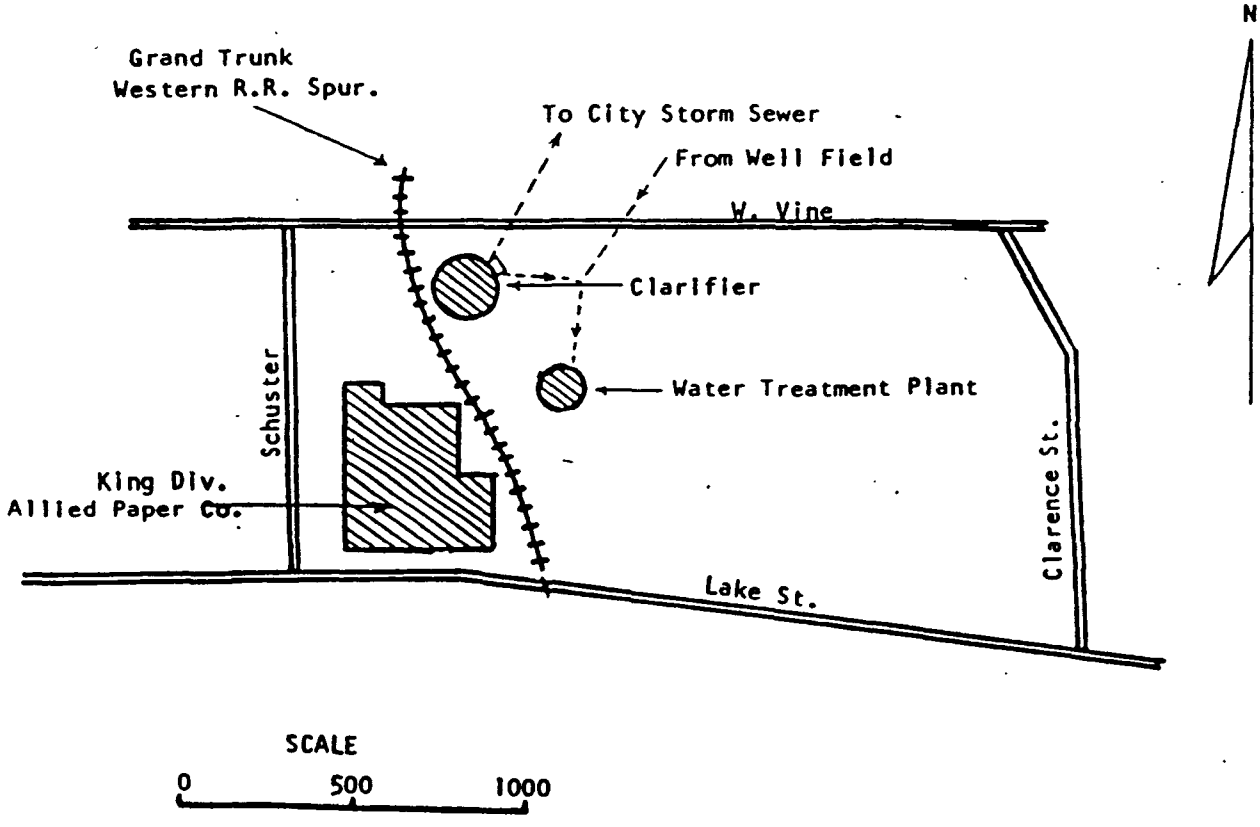
Report by: G. Kilmer

0012642

pb

Michigan Water Resources Commission

Report of Survey
King Division, Allied Paper Co.
June 13, 14, 15, 1967

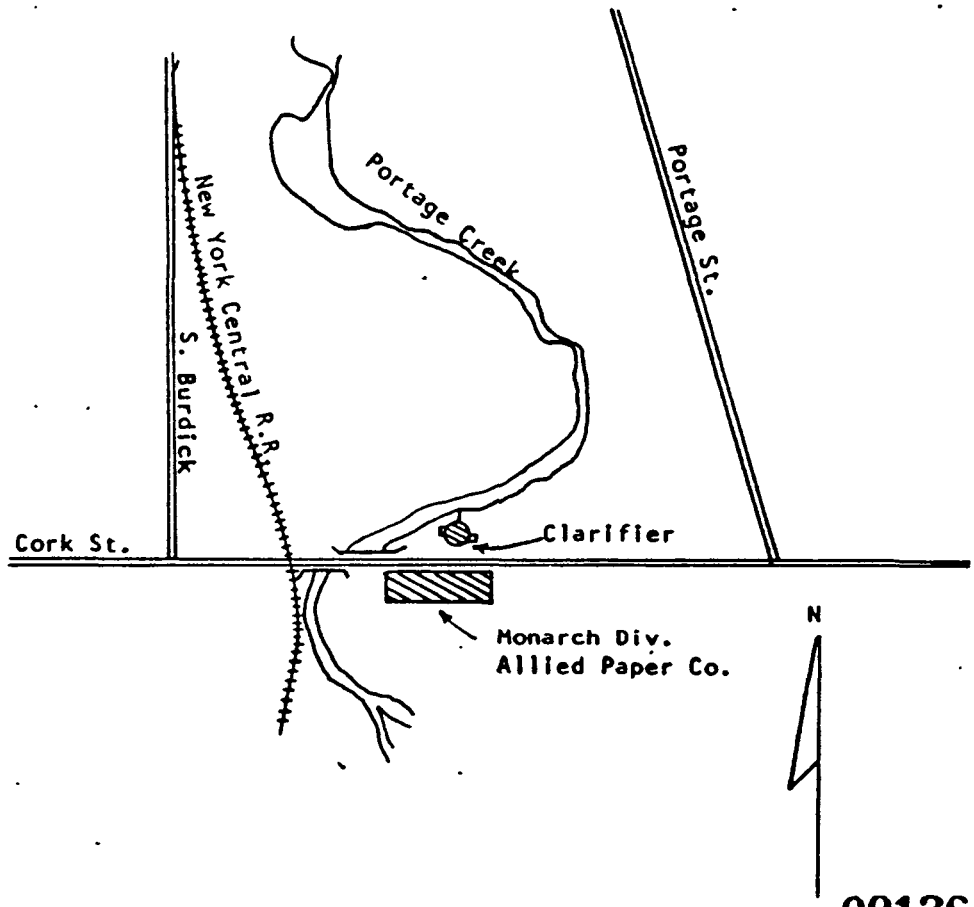



0012643

L.L.V. 6-21-6

MICHIGAN WATER RESOURCES COMMISSION

Report of Survey
Monarch Division, Allied Paper Co.
June 13, 14, 15, 1967

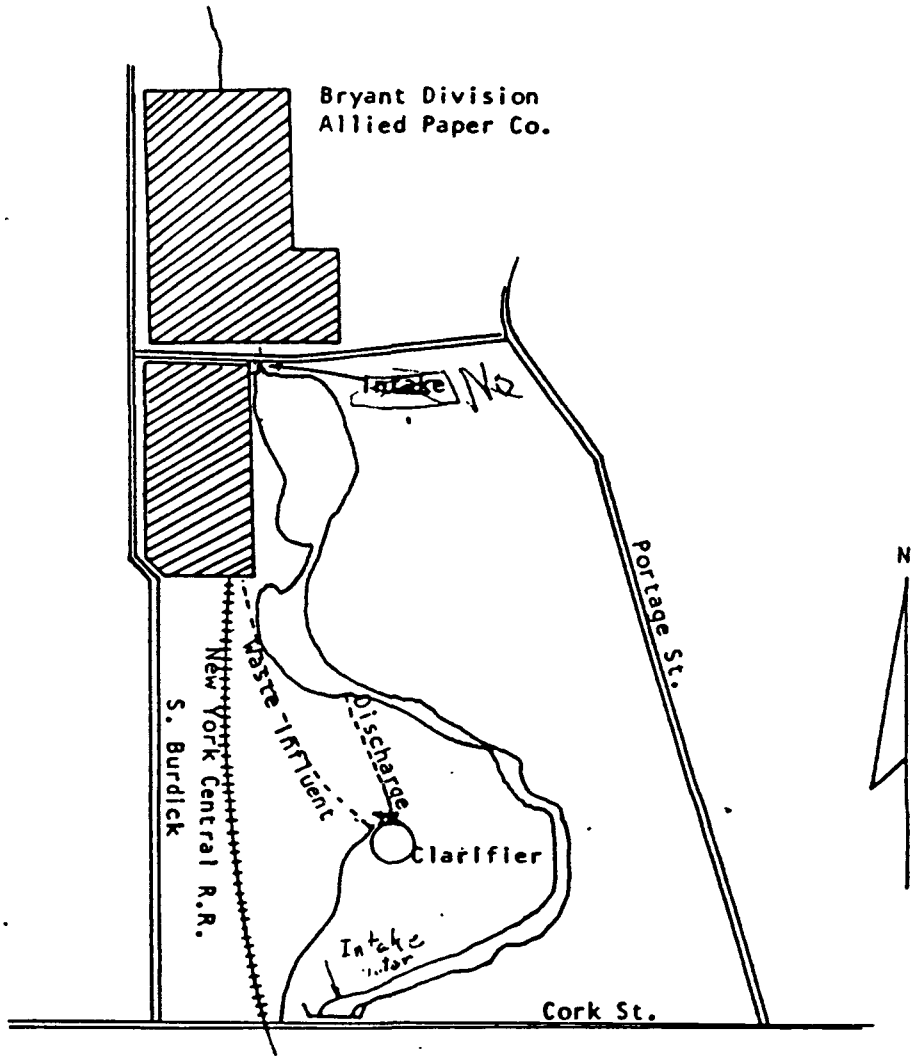



0012644

LSK 6-20-

MICHIGAN WATER RESOURCES COMMISSION

Report of Survey
Bryant Division, Allied Paper Co.
June 13, 14, 15, 1965




0012645

6-20-69

ALLIED PAPER COMPANY
MONARCH DIVISION
KALAMAZOO, MICHIGAN

| | | |
|---|---|---|
| Survey No. 1 | 1st Shift | April 27, 1950 |
| Survey No. 2 | 2nd Shift | May 18, 1950 |
| Survey No. 3 | 3rd Shift | April 27, 1950 |

Type: Book Conversion Mill

Mill Water Supply

Portage Creek.

Waste Sources

There are three sources of waste in the mill, two paper machines and a de-ink mill. Both paper machines are save-alled. One machine with a Bird type save-all and the other with an Oliver vacuum filter. White water from the paper machines is used in the de-ink mill pulp washer except when a machine is running colored stock. All waste from the de-ink washer passes through an Oliver vacuum filter before discharge to the sewer.

Waste Measurement

All waste from this mill is discharged to a channel leading from the north side of the mill to Portage Creek. A previously constructed 6.0 foot rectangular metal edged weir in the west side of the twin box culvert under Cork Street was used to measure waste flow. The flow to the opposite half of the culvert was blocked off with sand bags to divert all waste through the weir.

Survey Procedure

A recording head meter was installed to obtain a continuous record of the flow during the three surveys. Composite samples during each survey were taken

ALLIED PAPER COMPANY
KING DIVISION
KALAMAZOO, MICHIGAN

| | | |
|---|---|---|
| Survey No. 1 | 1st Shift | June 22, 1950 |
| Survey No. 2 | 2nd Shift | June 13, 1950 |
| Survey No. 3 | 3rd Shift | June 15, 1950 |

Type: Book Conversion Mill

Mill Water Supply

Well water.

Waste Sources

Normal mill production consists of the operation of four paper machines and a de-ink mill. White water from the paper machines is used as fresh water in the de-ink washers. Three of the paper machines and the de-ink washer are save-alled with Oliver vacuum filters. The fourth paper machine has a Bird type save-all.

Waste Measurement

Waste from this mill is normally discharged to an earth channel north of the mill and also to a city sewer on Lake Street. The flow to the city sewer was diverted to the earth channel so that all waste could be measured at this point. A 5.0 foot rectangular metal edged weir was constructed in the earth channel north of the mill at the east end of Vine Street.

Survey Procedure

A recording head meter was installed to obtain a continuous record of the flow during the three surveys. Composite samples during each survey were taken with the automatic sampler.

NCASI 000514

92-2146

# Report of Survey

Allied Paper Company
Monarch Division
Kalamazoo, Michigan

5/53

**Survey Periods:**

November 3rd, 7:00 a.m. to November 4th, 7:00 a.m., 1953
November 4th, 7:00 a.m. to November 5th, 7:00 a.m., 1953

**Type:**

Book conversion mill

**Mill Water Supply:**

Portage Creek and well water

**Production:**

| | | |
|---|---|---|
| November 3rd | 186,335 lbs. | 93.17T |
| November 4th | 239,290 lbs. | 119.65T |

4

**Survey Procedure:**

Effluent from the de-ink waste treatment plant is di through a four foot full channel weir. A record of the head over this weir was obtained by a continuous water level recorder. Influent and effluent twenty-four hour composite samples were obtained through the use of company installed equipment.

A portion of the bleach water was discharged directly to Portage Creek without treatment. This was discharged through a three foot full channel weir. A record of the head over this weir was obtained by a continuous water level recorder. A twenty-four hour composite sample of this waste was obtained through the use of a W.R.C. automatic sampler.

10001-B-4.1/004

Miscellaneous sewers that discharged directly to Portage Creek were spot sampled and flow estimates were made.

Survey Data:

| | Flow m.g.d. | 5-Day B.O.D. p.p.m. | Susp. Solids p.p.m. | Susp. Vol. Solids p.p.m. | pH |
|---|---|---|---|---|---|
| November 3, 1953 | | | | | |
| Waste Treatment Plant | | | | | |
| Influent | | 330 | 1528 | 628 | 7.9 |
| Effluent | 3.71 | 290 | 660 | 128 | 7.7 |
| Condenser Water Sewer | 1.5 | 17 | 226 | 61 | 7.6 |
| November 4, 1953 | | | | | |
| Waste Treatment Plant | | | | | |
| Effluent | 4.01 | 410 | 850 | 200 | 8.9 |
| Influent | | 495 | 1810 | 720 | 9.3 |
| Bleach Water Sewer | 0.60 | 99 | 210 | 120 | 2.5 |
| Condenser Water Sewer | 1.5 | 2.0 | 82 | 22 | 7.7 |

Calculations:

B.O.D. Data: (Pounds to River)

Waste Treatment Plant
- November 3rd: 3.71 x 8.34 x 290 = 8,960
- November 4th: 4.01 x 8.34 x 410 = 13,700

Bleach Water Sewer
- November 3rd: Use same quantity as November 4th
- November 4th: 0.60 x 8.34 x 99 = 495

Condenser Water Sewer
- November 3rd: 1.5 x 8.34 x 17 = 213
- November 4th: 1.5 x 8.34 x 2 = 25

B.O.D. Data: (Pounds per Ton of Production)

| | |
|---|---|
| November 3rd | 9,668/ 93.17 = 103.8 |
| November 4th | 14,220/119.65 = 118.9 |

B.O.D. Data: (% Reduction Through Waste Treatment Plant.)

| | |
|---|---|
| November 3rd | (330-290)x100/330 = 12.1% |
| November 4th | (495-410)x100/495 = 17.2% |

B.O.D. Data: (Population Equivalent)

| | |
|---|---|
| November 3rd | 9,668/0.167 = 57,900 |
| November 4th | 14,220/0.167 = 85,300 |

Suspended Solids Data: (Pounds to River)

Waste Treatment Plant

| | |
|---|---|
| November 3rd | 3.71 x 8.34 x 660 = 20,400 |
| November 4th | 4.01 x 8.34 x 850 = 28,400 |

Bleach Water Sewer

| | |
|---|---|
| November 3rd | Use same quantity as Nov. 4 |
| November 4th | 0.60 x 8.34 x 210 = 1,050 |

Condenser Water Sewer

| | |
|---|---|
| November 3rd | 1.5 x 8.34 x 226 = 2,830 |
| November 4th | 1.5 x 8.34 x 22 = 275 |

Suspended Solids Data: (Total Pounds per Ton of Production)

| | |
|---|---|
| November 3rd | 24,280/ 93.17 = 261 |
| November 4th | 29,725/119.65 = 249 |

Suspended Solids Data: (Pounds per ton of Production from sources other than waste treatment plant.)

| | |
|---|---|
| November 3rd | 3,880/ 93.17 = 41.7 |
| November 4th | 1,325/119.65 = 11.1 |

**Suspended Solids Data: (% Reduction through Waste Treatment Plant)**

| | |
|---|---|
| November 3rd | (1528-660)x100/1528 = 56.8% |
| November 4th | (1810-850)x100/1810 = 53.0% |

**Suspended Volatile Solids Data: (Pounds to River)**

Waste Treatment Plant

| | |
|---|---|
| November 3rd | 3.71 x 8.34 x 128 = 3950 |
| November 4th | 4.01 x 8.34 x 200 = 6680 |

Bleach Water Sewer

| | |
|---|---|
| November 3rd | Use same quantity as Nov. 4th. |
| November 4th | 0.60 x 8.34 x 120 = 600 |

Condenser Water Sewer

| | |
|---|---|
| November 3rd | 1.5 x 8.34 x 61 = 763 |
| November 4th | 1.5 x 8.34 x 22 = 275 |

**Suspended Volatile Solids Data: (Total Pounds Per Ton of Production)**

| | |
|---|---|
| November 3rd | 5313/ 93.17 = 57.0 |
| November 4th | 7555/119.65 = 63.1 |

**Suspended Volatile Solids Data: (% Reduction through Waste Treatment Plant)**

| | |
|---|---|
| November 3rd | (628-128)x100/628 = 79.6% |
| November 4th | (720-200)x100/720 = 72.2% |

**Flow Data: (Gallons of Waste per ton of Production)**

| | |
|---|---|
| November 3rd | 4,310,000/ 93.17 = 46,200 |
| November 4th | 4,610,000/119.65 = 38,600 |

Summary and Comparison of Results:

| | Sept. 1953 | 1950 |
|---|---|---|
| Production, tons | 106.81 | 91.02 |
| Flow, million gallons /day | 4.46 | 6.05 |
| B.O.D., total pounds | 11,944 | 10,120 |
| B.O.D., total pounds per ton | 111.3 | 113.6 |
| Suspended Solids, total pounds /day | 27,000 | 31,868 |
| Suspended Solids, total pounds per ton | 255 | 354.7 |
| Suspendéd Solids, lbs. per ton from machines | 26.4 | |
| Suspended Vol. Solids, total pounds | 6,434 | 29,214 |
| Susp. Vol. Solids, total pounds per ton | 60.0 | 151.1 |
| Gallons of waste per ton | 42,400 | 67,533 |
| Population equivalent | 71,600 | 60,580 |

Remarks:

The September 1953 results reported in the summary are the average of two consecutive twenty-four hour surveys. Between the first and second survey a change was made that eliminated a solids loss from 41.7 to 11.1 pounds. Also, it was only due to an error made in making some mill changes over the preceding week end that the portion of the bleach water was discharged direct to Portage Creek. It has been and it was stated that it was the intent in the future to treat all of this waste in the waste treatment plant.

Survey made by:
Ralph W. Purdy
Chester Harvey

Chemical Analyses by:
Russell Krueger

Mill: Bryant Location: Kalamazoo, MI

198. Are special provisions made for spills, screen rejects, and excess materials from coating or sizing systems?

(a) Yes

(b) No

(c) Limited

199. Does the mill employ organic solvent coating or saturating operations?

(a) Yes

(b) No

200. If yes, please give the type and quantities (lbs/day) of organic solvent used.

_____

_____

201. Give the average daily organic solvent coated or saturated paper produced.

_____ tons/day



SA 030376

SA00030376

Mill: Bryant Location: Kalamazoo, MI

202. Please indicate effluent from the combined papermachine facilities as follows: (i.e., total flow from all machines)

| Waste Source | Volume GPM | | Suspended Solids (if applicable) lbs/day |
|---|---|---|---|
| a. Centricleaner and machine screen rejects | 80 | | 9724 |
| b. Couch pit, seal box, and any other unclarified whitewater overflows | very little | | very little |
| c. Thick stock spills, dumps, washups from stock preparation area and machine | very little | gal/day | very little |
| d. Excess clarified whitewater | 749 | | 3,395 |
| e. Cloudy water from vacuum systems, or pump sealing applications | 314 | | 5,042 |
| f. Clear water discharges i.e., cooling services, condensate, other non-process services | 268 | | 0 |
| g. Other effluent sources not included above | 226 | | 3,060 |
| h. Total papermill effluent | 1,637 | | 21,219 |

i. Is (f) discharged via process sewer or separately? (Circle answer)

(YES) NO

"Yes" answer means (f) discharged via process sewer

Additional Information

203. Does the mill have a program for disposal of old electrical transformers?

(a) Yes

(b) No

204. Please give the number of people employed at your mill. 344



SA 030377

SA00030377

Mill: Bryant Location: Kalamazoo, MI

## V. WATER USAGE AND EFFLUENT TREATMENT PRACTICES

### Instructions for Completing Section V

Section V requests information on the mill's wastewater treatment practices. In Section VIII a general schematic of the effluent treatment system is requested. You have the option of providing any of the data requested in Section V on the schematic. If you do this, please indicate on the question(s) involved that the data is presented on the schematic.

### A. Water Usage

205. Indicate the source and amount of process water.

(a) Surface (i.e., river, lake or reservoir) 2.570 MGD

(b) Groundwater _____ MGD

(c) Other (please describe) _____ _____ MGD

206. Does the quality of the raw water limit the reuse of water in this mill?

(a) Yes - explain _____

_____

(b) No

207. Indicate the source and amount of the mill's cooling water.

(a) Surface 1.083 MGD

(b) Groundwater _____ MGD

(c) Other (please describe) _____ _____ MGD

208. Indicate the source and amount of the mill's boiler feed water.

(a) Surface 0.10 MGD

(b) Groundwater _____ MGD

(c) Other (please describe) _____ _____ MGD



SA 030378

SA00030378

Mill: Bryant Location: Kalamazoo, MI

209. Describe treatment used for boiler feed water conditioning.

Softner is the hot lime, soda ash, caustic and phosphate type.

210. Give the disposal method now employed for boiler blowdown water.

(a) Sewered to treatment plant

(b) Directly discharged

(c) Directly discharged with pH adjustment

(d) Directly discharged after cooling

(e) Other (please describe) _____

B. Background Data

211-212. DELETED - ANSWERED IN PART I

213. How is cooling water disposed?

(a) Separate discharge to receiving stream.

(b) Combined with process waters before treatment.

(c) Combined with treated process waters.

(d) Recycled.

C. Indirect Discharger please provide the following information:

* 214. Name and location of POTW which handles your wastewater.

Kalamazoo Municipal Waste Treatment plant

215-216. DELETED - ANSWERED IN PART I

217. Are there specific pretreatment requirements of limits upon pollutant parameters imposed by the POTW system to which you discharge?

(a) Yes

(b) No

* As noted in Part I, part of effluent from Bryant Clarifier is discharged to a POTW and part to the influent of Monarch Clarifier as shown in "3" Process Schematic. However, for this portion of the survey the Bryant Division is considered an indirect discharger.



SA 030379

SA00030379

Mill: Bryant Location: Kalamazoo, MI

218. If the answer to the preceding question was (a), please list the specific pretreatment requirements or pollutant parameter limits imposed on your mill by the POTW.

Primary settling

219. DELETED - ANSWERED IN PART I

220. If neutralization is practiced, fill in the following. N.A.

Chemical used _____

221. DELETED - ANSWERED IN PART I

222. Are any chemicals or other settling aids added to the primary treatment units?

(a) Yes

(b) No

(c) To the extent necessary (intermittent)

223. Please show the wastewater streams which enter the secondary treatment system (if applicable). N.A.

| | Process Source or Sewer No.* | | Flow, MGD | BOD, lb/D | TSS, lb/D |
|---|---|---|---|---|---|
| a. | Design Values | Average Day | | | |
| | | Maximum Day | | | |
| | | Maximum Month | | | |
| b. | Primary Treatment Effluent | Average Day | | | |
| | | Maximum Day | | | |
| | | Maximum Month | | | |
| c. | Other | Average Day | | | |
| | _____ | Maximum Day | | | |
| | | Maximum Month | | | |

*Process source or sewer number should be keyed to the mill process and wastewater treatment schematics requested in Section VIII.



SA 030380

SA00030380

Remarks:

Since the July 1955 surveys, the bleach water discharged was relocated so that it receives waste treatment along with other de-ink wastes. This has decreased the quantity of suspended solids in those wastes that are classified as resulting from other paper processing operations to a point where they are within the limit set by this Commission. Other changes evidently were made that resulted in a decrease in waste flow to the treatment plant so that even after the addition of the bleach waste, the resulting flow to the unit is below the July 1955 levels. The result has been a substantial decrease in the quantity of B.O.D. and suspended solids remaining in the effluent.

The formation of a scum layer on the clarifier is no doubt decreasing the efficiency of this unit. If this can be eliminated the treatment plant removals should increase.

Survey written and supervised by:
Ralph Purdy

Field work by:
Robert Courchaine

Chemical Analyses by:
Russell Krueger & Ralph Purdy

P.P.m.

COPY

# Report of Waste Surveys at Allied Paper Company (Monarch Division) Kalamazoo, Michigan

Survey Periods (24 hours for each)

January 10, 1956
January 11, 1956
January 12, 1956
January 13, 1956
January 14, 1956
January 15, 1956
January 16, 1956

Summary of Results:

| Date | 1-10 | 1-11 | 1-12 | 1-13 | 1-14 | 1-15 | 1-16 |
|---|---|---|---|---|---|---|---|
| Flow, million g.p.d. | 3.5366 | 3.7333 | 3.6863 | 3.5262 | 3.4319 | 0.6463 | 4.046 |
| Production, tons | 113.28 | 101.88 | 110.50 | 94.64 | 97.94 | | 83.02 |
| 5-Day B.O.D., lbs. | 10,255 | 9,029 | 12,106 | 6,718 | 6,475 | | 10,25 |
| 5-Day B.O.D., lbs/ton paper | 90.52 | 88.63 | 109.55 | 70.98 | 66.12 | | 123.5 |
| Total Susp. Sol., lbs. | 16,255 | 17,280 | 20,056 | 21,256 | 15,565 | | 14,93 |
| Total Susp. Sol., lbs/ton paper | 143.49 | 169.96 | 181.50 | 224.59 | 158.92 | | 179.5 |
| Total Susp.Vol.Sol., lbs. | 6,218 | 6,259 | 5,525 | 5,578 | 5,164 | | 4,739 |
| Total Susp.Vol.Sol., lbs/ton paper | 54.90 | 62.70 | 50.00 | 60.51 | 52.73 | | 57.08 |
| Gallons waste per ton paper | 31,219 | 36,644 | 33,357 | 37,259 | 35,040 | | 48,74 |
| Population Equivale. | 61,407 | 54,066 | 72,491 | 40,228 | 38,778 | | 61,41 |
| Settleable Solids Removal% | | 91.23 | 93.21 | 68.49 | 75.81 | | 86.73 |
| Other Paper Processing Susp. Sol., lbs. | 1,212 | | 2,150 | 670 | 453 | | 256 |
| Other Paper Processing Susp.Sol., lbs/tonPaper | 10.70 | | 19.41 | 7.08 | 4.63 | | 3.08 |

# 1 day

Type of Mill Production:

De-ink Mill

Mill Water Supply:

Well Water and Portage Creek

Waste Control:

De-ink waste and bleach plant waste flows by gravity to the main pump house. White water is pumped to the gravity line. De-ink waste, bleach water and white water are pumped to a 90-foot diameter clarifier with a 12-foot side water depth. Effluent is discharged to Portage Creek. Sludge is discharged to a large lagoon. Occasional white water overflows and coating room wastes are discharged to Portage Creek through the Cork Street weir.

Survey Procedure:

Effluent from the clarifier is discharged through a weir box. A compan installed recording head meter was used to obtain a continuous record of the flow. A composite sample of the effluent was obtained from the compan's sampling device (water wheel type sampler).

An influent sample was obtained from the discharge line from the pump house. A constant size sample is taken at set time intervals by a timing device and valve arrangement.

White water overflows and other miscellaneous wastes plus uncontaminate were measured at a previously constructed weir in a culvert underneath Cork Street. A recording head meter was installed at the weir to obtain a contin uous daily record of the flow. Samples were taken by an automatic sampler a composited for each survey period.

Survey Data:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Influent** | | | | | | | |
| Date | 1-10 | 1-11 | 1-12 | 1-13 | 1-14 | 1-15 | 1-16 |
| 5-Day B.O.D., ppm | 420 | 380 | 495 | 265 | 285 | 30 | 395 |
| Susp. Sol., ppm | 1500 | 1440 | 1590 | 1500 | 1130 | 140 | 137 |
| Susp. Vol. Sol., ppm | 670 | 800 | 870 | 750 | 770 | 110 | 790 |
| 2-hr. Settleable Sol., ppm | | 970 | 1046 | 1155 | 734 | | 107 |
| pH | 2.2 | 7.3 | 6.3 | | | | |
| **Effluent** | | | | | | | |
| 5-Day B.O.D., ppm | 340 | 490 | 370 | 225 | 225 | | 285 |
| Susp. Sol., ppm | 510 | 555 | 615 | 700 | 523 | | 435 |
| Susp. Vol. Sol., ppm | 130 | 140 | 165 | 210 | 165 | | 135 |
| ph | 7.8 | 7.3 | 7.2 | | | | |
| Flow, million gals/day | 3.5366 | 3.7533 | 3.6660 | 3.5282 | 3.4319 | 0.5463 | 4.04 |
| **Other wastes** | | | | | | | |
| 5-Day B.O.D., ppm | 8 | | 23 | 5.0 | 3.5 | 37 | 4.2 |
| Susp. Sol., ppm | 32 | | 33 | 20 | 19 | 210 | 14 |
| Susp. Vol. Sol., ppm | 24 | | 13 | 12 | 15 | 68 | 10 |
| pH | 8.1 | | 7.7 | | | | |
| Flow, million gals/day | 4.545 | 4.3018 | 4.1770 | 4.0200 | 2.8605 | | 2.18 |
| **Portage Creek** | | | | | | | |
| 5-Day B.O.D., ppm | | | 3.1 | | | | 1.4 |
| Susp. Sol., ppm | | | 0 | | | | 0.0 |
| **Production, tons** | 113.28 | 101.86 | 110.50 | 94.64 | 97.94 | 0 | 83.0 |

Survey Calculations:

Pounds of 5-Day B.O.D. to River

| | | | |
|---|---|---|---|
| 1-10 | 3.5366 x 8.34 x 340 | = | 10,028 |
| | 4.545 x 8.34 x (8-2) | = | 227 |
| | Total | | 10,255 |

| | | | |
|---|---|---|---|
| 1-11 | 3.7333 x 8.34 x 290 = 9,025<br>Total | | 9,025 |
| 1-12 | 3.6860 x 8.34 x 370 = 11,374<br>4.1770 x 8.34 x (23-2) = 732<br>Total | | 12,106 |
| 1-13 | 3.5262 x 8.34 x 225 = 6,617<br>4.0200 x 8.34 x (5-2) = 101<br>Total | | 6,718 |
| 1-14 | 3.4319 x 8.34 x 225 = 6,440<br>2.8605 x 8.34 x (3.5-2) = 36<br>Total | | 6,476 |
| 1-15 | 4.0465 x 8.34 x 285 = 9,618<br>2.1884 x 8.34 x (37-2) = 638<br>Total | | 10,256 |

Pounds of 5-Day B.O.D. per ton of paper

| | | | |
|---|---|---|---|
| 1-10 | 10,255 / 113.28 | = | 90.52 |
| 1-11 | 9,025 / 101.38 | = | 88.63 |
| 1-12 | 12,106 / 110.50 | = | 109.55 |
| 1-13 | 6,718 / 94.64 | = | 70.98 |
| 1-14 | 6,476 / 97.94 | = | 66.12 |
| 1-15 | 10,256 / 83.02 | = | 123.53 |

Population Equivalent

| | | | |
|---|---|---|---|
| 1-10 | 10,255 / 0.167 | = | 61,407 |
| 1-11 | 9,025 / 0.167 | = | 54,066 |
| 1-12 | 12,106 / 0.167 | = | 72,491 |
| 1-13 | 6,718 / 0.167 | = | 40,226 |
| 1-14 | 6,476 / 0.167 | = | 38,778 |
| 1-15 | No Data | | |
| 1-16 | 10,256 / 0.167 | = | 61,413 |

Total pounds of suspended solids to river

| | | | |
|---|---|---|---|
| 1-10 | 3.5366 x 8.34 x 510 = 15,043<br>4.543 x 8.34 x 32 = 1,212<br>Total | | 16,255 |
| 1-11 | 3.733 x 8.34 x 555 = 17,280<br>Total | | 17,280 |
| 1-12 | 3.6860 x 8.34 x 615 = 18,906<br>4.1770 x 8.34 x 33 = 1,150<br>Total | | 20,056 |
| 1-13 | 3.5262 x 8.34 x 700 = 20,586<br>4.0200 x 8.34 x 20 = 670<br>Total | | 21,256 |
| 1-14 | 3.4319 x 8.34 x 528 = 15,112<br>2.8605 x 8.34 x 19 = 453<br>Total | | 15,565 |

1-15 No data

1-16 4.0465 x 8.34 x 435 = 14,680
2.1884 x 8.34 x 14 = 256
Total 14,936

Total Pounds of Suspended Solids per ton of paper
1-10 16,255 / 113.28 = 143.49
1-11 17,280 / 101.88 = 169.96
1-12 20,056 / 110.50 = 181.50
1-13 21,256 / 94.64 = 224.59
1-14 15,565 / 97.94 = 158.92
1-16 14,936 / 83.02 = 179.90

Total Pounds of Suspended Volatile Solids to river
1-10 3.5356 x 8.34 x 180 = 5,309
4.543 x 8.34 x 24 = 909
Total 6,218

1-11 3.733 x 8.34 x 140 = 4,359
Total 4,359

1-12 3.6860 x 8.34 x 165 = 5,072
4.1770 x 8.34 x 13 = 453
Total 5,525

1-13 3.5252 x 8.34 x 210 = 6,176
2.0200 x 8.34 x 12 = 402
Total 6,578

1-14 3.4319 x 8.34 x 168 = 4,808
2.8605 x 8.34 x 15 = 356
Total 5,164

1-15 No data

1-16 4.0465 x 8.34 x 135 = 4,556
2.1884 x 8.34 x 10 = 183
Total 4,739

Total Pounds of Suspended Volatile Solids per ton of paper
1-10 6,218 / 113.28 = 54.89
1-11 4,359 / 101.88 = 42.79
1-12 5,525 / 110.50 = 50.00
1-13 6,578 / 94.64 = 69.51
1-14 5,164 / 97.94 = 52.73
1-16 4,739 / 83.02 = 57.08

Gallons Waste per ton of paper
1-10 (3,536,600) / 113.28 = 31,219
1-11 (3,733,300) / 101.88 = 36,644
1-12 (3,686,000) / 110.50 = 33,357
1-13 (3,526,200) / 94.64 = 37,259
1-14 (3,451,900) / 97.94 = 35,040
1-16 (4,046,500) / 83.02 = 48,741

Treatment Plant Efficiency

B.C. D. Removal

| | | | |
|---|---|---|---|
| 1-10 | (420 - 340) x 100 / 420 | = | 19.05% |
| 1-11 | (380 - 290) x 100 / 380 | = | 23.68% |
| 1-12 | (495 - 370) x 100 / 495 | = | 25.25% |
| 1-13 | (285 - 225) x 100 / 285 | = | 21.05% |
| 1-14 | (285 - 225) x 100 / 285 | = | 21.05% |
| 1-15 | No data | | |
| 1-16 | (395 - 285) x 100 / 395 | = | 27.85% |

Suspended Solids Removal

| | | | |
|---|---|---|---|
| 1-10 | (1500 - 510) x 100 / 1500 | = | 66.00% - 79.6 |
| 1-11 | (1440 - 555) x 100 / 1440 | = | 61.45% - 82.0 |
| 1-12 | (1590 - 615) x 100 / 1590 | = | 61.32% - 67.3 |
| 1-13 | (1500 - 700) x 100 / 1500 | = | 53.33% - 65.7 |
| 1-14 | (1130 - 528) x 100 / 1130 | = | 53.27% - 77.7 |
| 1-15 | No data | | |
| 1-16 | (1370 - 435) x 100 / 1370 | = | 68.24% - 74.2 |

Suspended Volatile Solids Removal

| | | | |
|---|---|---|---|
| 1-10 | (870 - 180) x 100 / 870 | = | 79.31% |
| 1-11 | (800 - 140) x 100 / 800 | = | 82.50% |
| 1-12 | (870 - 165) x 100 / 870 | = | 81.03% |
| 1-13 | (780 - 210) x 100 / 780 | = | 73.07% |
| 1-14 | (770 - 168) x 100 / 770 | = | 78.18% |
| 1-15 | No data | | |
| 1-16 | (790 - 139) x 100 / 790 | = | 82.97% |

Settleable Solids Removal

| | | | |
|---|---|---|---|
| 1-10 | No data | | |
| 1-11 | (1440 - 555) x 100 / 970 | = | 91.23% |
| 1-12 | (1590 - 615) x 100 / 1046 | = | 93.21% |
| 1-13 | (1500 - 700) x 100 / 1168 | = | 68.49% |
| 1-14 | (1130 - 528) x 100 / 794 | = | 75.81% |
| 1-15 | No data | | |
| 1-16 | (1370 - 435) x 100 / 1078 | = | 86.73% |

Theoretical Detention Time:

| | |
|---|---|
| 1-10 | 3.89 hours |
| 1-11 | 3.69 hours |
| 1-12 | 3.73 hours |
| 1-13 | 3.90 hours |
| 1-14 | 4.01 hours |
| 1-15 | 21.29 hours |
| 1-16 | 3.40 hours |

Other Paper Processing Suspended Solids per ton paper

| | | | |
|---|---|---|---|
| 1-10 | 1212 / 113.28 | = | 10.70 |
| 1-11 | no data | | |
| 1-12 | 1150 / 110.50 | = | 10.41 |
| 1-13 | 670 / 94.64 | = | 7.08 |
| 1-14 | 453 / 97.94 | = | 4.63 |
| 1-15 | no data | | |
| 1-16 | 255 / 83.02 | = | 3.08 |

→ Jack Losers

MICHIGAN WATER RESOURCES COMMISSION
Waste Water Survey
Allied Paper Corporation Inc.
Bryant, Monarch, & King Divisions
June May 13, 14, 15, 1967

001264O

A 40 hour waste water survey was conducted at the Bryant, Monarch & King Divisions of the Allied Paper Corporation in Kalamazoo on May 13-15, 1967. The purpose of the survey was to determine the quality and quanity of waste water being discharged to the Kalamazoo River by the company and to determine the extent of compliance with an agreement between the company and the Water Resources Commission dated November 30, 1961 and the Final Order of Determination adopted by the Commission October 24, 1951.

## Operations

### Bryant Division

The Bryant Division employs 900 people in a 6-day operation. This plant has 5 paper machines and a de-inking mill. Book printing paper from bleached kraft and de-inked stock is produced on the 5 paper machines. The water supply is from Portage Creek and a private well in the proportion of 6:1. The waste water consists of waste from the de-inking mill and excess white water from the paper machines. The waste control devices are savealls on each paper machine and a clarifier 100 feet in diameter.

### Monarch Division

The Monarch Division employs 200 people on a 7-day schedule. The plant has two paper machines which produce carbon tissue and book printing paper. The raw materials are bleached and unbleached kraft and de-inked stock. The waste water treatment consists of a clarifier 90 feet in diameter which discharges to Portage Creek.

### King Division

The King Division employs 400 people and operates on a 6 day schedule. The main product is book printing material which is produced on 4 paper machines. The plant water supply is a private well for processing and the Kalamazoo River water for cooling. The waste water treatment consists of save-alls on each paper machine and a 110 feet in diameter clarifier. At this division, a large part of the clarified water is re-used.

## Survey Procedure

All the clarifiers had existing weirs on the discharges. We installed automatic samplers and water level recorders at each clarifier discharge. The automatic sampler took samples proportial to the instantaneous flow at 15 minute intervals. The water level recorder measured the head over the weir on a time chart from which we computed the flow.

## Flow Data & Survey Periods

Survey Period #1 Starting June May 13, 1967 at 8:00 a.m. EST
Ending May 14, 1967 at 9:00 a.m. EDST

Survey Period #2 Starting May 14, 1967 at 9:00 a.m. EDST
Ending May 15, 1967 at 9:00 a.m. EDST

gr

# NON-DOMESTIC USER SURVEY FORM

## I. GENERAL INFORMATION

| | |
|---|---|
| Allied Paper Inc. | Bryant Mill |
| Corporate Name | Plant Name |
| 2030 Portage St. | Same |
| Address - Street and Number | Address - Street and Number |
| Kalamazoo 49001 | Same |
| City Zip Code | City Zip Code |
| | 345-7131 |
| | Plant Phone Number |
| U. G. Stoeffler | 345-7131 |
| Name and Title of Person Completing Report | Phone Number |

The information contained in this questionnaire is familiar to me and to the best of my knowledge and belief, such information is true, complete and accurate.

1/13/82 — Date

Signature of Responsible Official — Vice President Operations — Title

Thomas E. Flanagan
Print or Type Name of Responsible Official

1. Nature of business: Manufacture of paper

(2621) ( ) ( ) Other ( ) ( ) ( )

2. Write the appropriate Standard Industrial Code (SIC) in the box above.

3. What types of waste(s) do you discharge to the sanitary sewer?

A. (X) Sanitary B. ( ) Wash Water C. ( ) Rinse Waters
D. ( ) Cooling Water E. (X) Process Waters F. ( ) Scrubber Waters
G. ( ) Other

4. Do you use, store or discharge any acids, bases or materials listed in Table I?

A. (X)Yes B. ( )No

5. Does the operation of your processes or wastewater treatment facility result in a residual residue or sludge type waste?

A. ( X)Yes B. ( )No

MDNR 4-14-81

6. Schedule of operations:

A. 560 Number of employees.

B. 24 hrs/day 7 days/wk 3 shifts/day 12 mos/yr

7. A. If you answered only A to question three(3), sign and return this portion of survey form.

B. If you answer to question three (3) is other than A, complete Section II through VIII of this form, sign it, and return to:

Jean Eldred, Industrial Surveillance Technician
Kalamazoo Wastewater Treatment Plant
1415 N. Harrison
Kalamazoo, Michigan 49007

## II. PROCESS AND PRODUCTS

1. Provide a complete list of products used or stored on the site which appear on Table I (the consolidated Critical Materials List and Priority Pollutants List). If you use trade name or proprietory chemicals which do not list contents on the package, indicate the trade name(s) and manufacturer's name(s) at this time. You must also write the manufacturer to request an OSHA Form 20 for each such substance and provide POTW with the necessary information when available, i.e., use numbers NOT chemical name, Table I:

(167) (169) ( ) ( ) ( ) ( ) ( ) ( ) ( )

( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )

2. Describe each process (add sheets if needed): _____

3. Is any of the enclosed information considered to be confidential?
A. ( ) Yes B. (X) No C. If yes, explain what and why (all requests for confidentiality will be processed according to 40 CFR Part 2): _____

4. Water Supply: A. ( ) Municipal B. ( ) Well C. (X) Other, explain Portage Creek
D. Consumption Used: A. 150 $ft^3$/min. ($ft^3$, gals per time unit)
B. _____ ($ft^3$, gals per time unit)
Consumption Total: _____

5. Does your facility have a Spill Prevention Control and Counter Measures Program (SPOC) CFR 112 or a Pollution Incident Prevention Plan (PIPP) MDNR Rule five (5).

A. (X) Yes B. ( ) No

III. PROCESS WASTEWATER

1. Identify outfalls (circle):

(A.) Surface waters. Name of receiving waters: Portage Creek
B. Septic tank-file field.
C. Surface of ground.
(D.) Municipal sanitary sewer.
E. Storm sewer.
F. Other, describe _____
(include line drawing(s) of process flows and all floor drain discharging to each outfall)

2. Volumes of discharge: A. Average Daily Flow: 1.825 milliongallon per day
B. Maximum Daily Flow: 3.76 million gallon per day
C. Flow is: (X) Measured ( ) Estimated

3. Type of wastewater:

A. % Process 100 B. % Cooling _____ C. % Sanitary 0 D. % Other _____

4. Are drains (roof, parking lot, etc.) discharging into the sanitary sewer?
A. ( ) Yes B. (X) No If yes, estimate area drained _____ sq. ft.

IV. DISPOSAL PRACTICES (add extra pages if necessary)

1. How do you dispose of spent chemicals (explain)? In the waste treatment process
A. Volume Disposed of: Unknown

2. How do you dispose of spoilage (explain)? Recycled - spoilage meaning "manufactured paper that is off quality."

3. How do you dispose of precipitates and/or sludges (explain)? Clarifier sludge in drying lagoons
A. Volume Disposed of: 120,000 gals/da

4. Name of waste hauler: _____ License No. _____

5. Do you have pretreatment for your wastes? A. (X) Yes B. ( ) No

If box A is checked: Type: Primary clarification & chemical coagulation
Size: 100 ft. diameter clarifier
Frequency of Operation: continuous

If box B is checked, where and how are the wastes disposed of?

To sanitary sewer ( ) To storm sewer ( )
Industrial Waste Hauler ( ) Other ( )
If other, explain _____

SA 034119

6. Do you have any air emission control equipment which would discharge to the sewer system? A. ( ) Yes B. (X) No

7. Are any of the materials listed in Table I discharged with the wastes?

A. ( ) Yes B. (X) No

C. List by number from Table I: ( ) ( ) ( ) ( ) ( ) ( ) ( )
( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )

V. SPILL PREVENTION (add extra pages if necessary)

1. List bulk materials stored on site (liquid, solids), (including cleaning agents).

Material: Oil Volume: 500,000 gals. Location in plant: Outside-500 ft. frc Power Plant

Material: _____ Volume: _____ Location in plant: _____

2. Is separate secondary containment provided for bulk materials?

A. (X) Yes* B. ( ) No C. ( ) Some *As per PIPP #23313 on Oct. 1977

3. Is separate secondary containment provided for those processes which contain chemicals listed in Table I?

A. ( ) Yes B. ( ) No

4. Has separate storage been provided for those chemicals which cause hazardous reactions, i.e., acid with cyanide, acids with bases?

A. ( ) Yes B. ( ) No

VI. SAMPLING AND ANALYSIS

1. Are sampling points available for each:

A. Process Line (X) Yes ( ) No

B. Outfall (X) Yes ( ) No

2. Do you sample your process discharge(s)? (X) Yes ( ) No

3. Type of sample A. ( ) Grab B. (X) Composited

If Box B is checked, is sample composited to A. ( ) Flow B. (X) Time

4. Is a sampling vault and/or manhole provided?

A. ( ) Yes B. (X) No

5. Sampling schedule (i.e., 24-hour, during working hours, etc.): _____

24 hour composite

6. What laboratory analysis (wastewater/solids) can be run on site? _____

All required parameters

VII. MISCELLANEOUS

1. Describe any safety precautions to be observed by those visiting at your site: All visitors must register at office and be accompanied by a mill employee while on company property.

2. Contact Person: Name U. G. Stoeffler
Title Manager Process Development
Phone Number 345-7131

NON-DOMESTIC USER SURVEY FORM

PRETREATMENT: The treatment of a wastewater contribution, at the point of origin, prior to release to a public sewer or collection system.

PROCESS WATERS: Waters that come in contact with an end product or with materials incorporated in an end product.

SAMPLE, COMPOSITE: A composite sample should contain a minimum of eight (8) discrete samples taken at equal time intervals over the compositing period or proportional to the flow rate over the compositing period (EPA).

SAMPLE, GRAB: A sample which is taken from a waste stream on a one-time basis with no regard to the flow in the waste stream and without consideration of time (EPA).

SECONDARY CONTAINMENT: If a tank or vessel storing a chemical ruptures, the secondary containment structure will prevent the loss of the chemical to the environment. Secondary containment should be provided with a volume of 150% of the storage vessel. All potentially polluting materials such as oil, acid, cyanide, etc., should be stored within a secondary containment structure, usually a concrete wall or earthen dike.

SPENT CHEMICALS: Chemicals that have exhausted their usefulness.

STANDARD INDUSTRIAL CODE (SIC): This is a way of identifying industrial types with a four digit code. A manual with the codes is entitled the Standard Industrial Classification Manual and is available in the reference section of most libraries.



SA00034121

NATURAL RESOURCES COMMISSION
JACOB A HOEFER
E M LAITALA
HILARY F SNELL
PAUL H WENDLER
HARRY H WHITELEY
JOAN L WOLFE
CHARLES G YOUNGLOVE

STATE OF MICHIGAN

WILLIAM G MILLIKEN Governor

**DEPARTMENT OF NATURAL RESOURCES**

HOWARD A TANNER Director

State Office Building
350 Ottawa N. W.
Grand Rapids, Michigan 49503
Phone: 456-6232

September 9, 1982

Mr. U.G. Stoeffler, Manager
Process Development
Allied Paper, Inc.
Kalamazoo, MI 49003

Dear Mr. Stoeffler:

Enclosed is a copy of a "Report of an Industrial Wastewater Survey" conducted at Allied Paper Company on March 1-2, 1982. The report includes the volume of wastewater discharged and results of the chemical analyses performed on the composite of the collected effluent. Grab samples were also obtained for certain determinations. In addition, a 48-hour static toxicity screening test was conducted on a portion of the composite sample at Outfall 390006 (002). The results of the tests are found in Appendix A.

The results of the survey indicate that Allied Paper's discharge to Portage Creek from the Monarch clarifier 390006 (002) met the daily maximum limitations contained in N.P.D.E.S. Permit No. MI0000779 at the time of the survey.

The composite sample collected at Outfall 390006 (002) showed a pentachlorophenol concentration of 60 ug/l (Table 1). This value is higher than the survey concentration found in the previous survey. As a result, it will be our recommendation that the current N.P.D.E.S. permit reissuance for the discharge to Portage Creek from the Monarch clarifier contain a special condition requiring short-term monitoring of this parameter to determine if a water quality based effluent limitation needs to be established.

The remainder of the report is self-explanatory. We would appreciate receiving any comments you may have on the survey report at your earliest convenience.

Very truly yours,

WATER QUALITY DIVISION

Roger Przybysz
Water Quality Specialist

RP/mam
CC: Galen Kilmer, Permit Section, Water Quality Division
Jim Forney, Office of Toxic Materials Control, Environmental Services Div.
John Bohunsky/WQD Files, Lansing
Scott Ross, Compliance Section, Water Quality Division
Jean Eldred, Kalamazoo Wastewater Treatment Plant

R1020-1 1 80

000475

SA 027588

SA00027588

MICHIGAN DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION BUREAU
POINT SOURCE STUDIES SECTION

Report of an
Industrial Wastewater Survey
Conducted at
ALLIED PAPER COMPANY
All Outfalls No. 390222
NPDES Permit No. MI0000799
Kalamazoo County
Kalamazoo, Michigan
March 1-2, 1982

## Survey Summary

Wastewater monitoring was performed during one twenty-four hour survey period starting Monday, March 1, 1982.

The results of this survey met the final limitations in the facility's National Pollutant Discharge Elimination System (NPDES) Permit, No. MI0000799 (Table 3).

The survey results are compared to the company's Monthly Operating Report (MOR) results for March, 1982 in Table 3.

A grab sample collected at outfall 390006 (002) was split with the company for comparison of laboratory results. The company reported a higher suspended solids concentration. The $BOD_5$ results compared well (Table 4).

The results obtained in this survey are compared to the results of the previous survey conducted in January, 1981 in Table 5.

Groundwater drainage from the company's landfill area was sampled. The results are presented in Table 2.

## Survey Comments

The composite sample collected at outfall 390006 (002) showed a pentachlorophenol concentration of 60 ug/l (Table 1).

A 48-hour static toxicity screening test was conducted on a portion of the composite sample collected at outfall 390006 (002). The sample was found to be toxic to Daphnia magna on an acute (short term) basis (Appendix A).

SA 027589

SA00027589

Plant Processes

Allied Paper Corporation now operates one mill in Kalamazoo. This is known as the Bryant Mill. Another mill, known as the Monarch Mill, has been permanently shut down and is being demolished. The Bryant Mill produces bible paper and other specialty papers on five Fourdrinier machines.

Under normal production the mill produces approximately 220 tons of product per day. The mill uses bleached kraft pulp manufactured at other locations.

The mill employs 389 people and operates 24 hours per day, 7 days per week. Production was consicered normal during the survey.

Water, Wastewater & Treatment

Portage Creek supplies the process water. Water used at the Bryant Mill is chlorinated and passed through sand filters prior to its use. Potable water for the mill is obtained from the City of Kalamazoo. Domestic wastes are discharged to the city's sanitary sewer system.

Schematics of the wastewater treatment system and plant configeration are shown in Figures 1 & 2. Wastewater received at the 100-foot circular Bryant clarifier originates from excess white water, filter backwash, and from the lime-soda ash softening process used for boiler feed water. A polymer is added to improve settling in the Bryant clarifier. Alum is available but wasn't used during the survey. A portion of the Bryant clarifier effluent is discharged to the city sanitary sewer system. The rest is discharged to the 90-foot circular Monarch clarifier. The company maximizes the loading which can be placed on the Monarch clarifier without exceeding permit limitations for discharging to Portage Creek. Flow is automatically apportioned via a computerized system utilizing a total organic carbon analyzer. Some of the Monarch clarifier effluent is recycled for process water. The remaining portion is discharged to Portage Creek via outfall 390006 (002).

Sludge from both clarifiers is disposed of on plant property.



SA00027590

Survey Procedure

The flows and samples were obtained as follows:

| Sample Description | Flow Measurement | Sampling Methods & Location |
|---|---|---|
| 390006 (002) (Monarch Mill) | Company installed 36-inch rectangular weir/staff installed water level recorder. | Automatic air activated composite sample, 4-aliquot grab composite sample and individual grab sample; collected at discharge from clarifier. |
| 390004 (001) (Bryant Mill) | Company totalizer. | 4-aliquot grab composite sample and individual grab sample; collected at discharge from clarifier. |
| Drainage from Landfill | -- | Individual grab sample; collected at service road to Bryant clarifi |

A water level recorder provides a continuous account of the liquid level or head above the crest of a weir. A head versus time graph is obtained for the duration of the survey period. The total volume of wastewater over the weir during the survey period is computed from the graph.

An automatic sampler composites samples at timed intervals. Samples may be proportional to the instantaneous flow over the weir.

Extractable organic composite samples are collected by the grab composite method.

A grab composite consists of a series of individual grabs composited into one sample.

An individual grab is a single instantaneous sample.

Samples were analyzed by the Environmental Protection Bureau Laboratories loca in Lansing.

Samples were preserved according to Table 6. The results of the physical and chemical analyses are presented in Tables 1 & 2. Letter codes for laboratory results are defined in Table 6.



SA00027591

Allied Paper Company - Kalamazoo

Table 1 Analyses of composite samples.

| Outfalls | | 390006 (002) | | 390004 (001) | |
|---|---|---|---|---|---|
| Survey Period | From | 3-1-82 - 1435 | | 3-1-82 - 1420 | |
| | To | 3-2-82 - 1435 | | 3-2-82 - 1420 | |
| Computed flow rate[1] ($M^3$/day) | | 1,210 | | (5,710) | |
| | | mg/l | kg/day | mg/l | kg/day |
| Suspended solids | | 20 | 20 | 28 | 160 |
| Dissolved solids | | 740 | 900 | 720 | 4,100 |
| Settleable solids | | 4 | 5 | 6 | 30 |
| COD | | 220 | 270 | 220 | 1,300 |
| TOC | | 75 | 91 | 74 | 420 |
| $BOD_5$ | | 140 | 170 | 130 | 740 |
| $CBOD_5$ | | 140 | 170 | -- | -- |
| $CBOD_8$ | | 130 | 160 | -- | -- |
| $CBOD_{12}$ | | 160 | 190 | -- | -- |
| $CBOD_{15}$ | | 150 | 180 | -- | -- |
| $CBOD_{20}$ | | 170 | 210 | -- | -- |
| Nitrite & nitrate nitrogen-N | | 5.0 | 6.0 | 4.3 | 25 |
| Ammonia nitrogen-N | | 0.96 | 1.2 | 0.90 | 5.1 |
| Kjeldahl nitrogen-N | | 9.5 | 11 | 7.5 | 43 |
| Total phosphorus-P | | 0.12 | 0.15 | 0.13 | 0.74 |
| | | ug/l | | ug/l | |
| Phenol | | 5.2 NA | 0.0063 | 4.6 NA | 0.026 |
| Phenols Scan | | | | | |
| Pentachlorophenol (PCP) | | 60 | 0.07 | < 20 | -- |
| Others in scan | | U | -- | U | -- |

1 - Flow rates used in the computation of kg/day (obtained from company totalizer).
To obtain MGD multiply $M^3$/day by 0.0002642
To obtain lbs/day multiply kg/day by 2.205



SA00027592

## Allied Paper Company - Kalamazoo

Table 2 Analyses of grab samples.

| Date | Time | Flow[1] $M^3$/day | Temp.[1] °C | pH[1] S.U. | Residual[1] Chlorine mg/l | D.O. mg/l | Susp. solids mg/l | Diss. solids mg/l | Settle. solids mg/l | COD mg/l | TOC mg/l | $BOD_5$ mg/l | $CBOD_5$ mg/l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 390006 (002) | | | | | | | | | | | | | |
| 3-1-82 | 1450 | 1140 | 22.5 | 6.7 | U | 8.2 | 20 | 840 | 4 | 240 | 110 | 170 | 170 |
| 3-2-82 | 0745 | 886 | 21.5 | 6.9 | U | 9.0 | 20 | 730 | 4 | 220 | 72 | 130 | 130 |
| 390004 (001) | | | | | | | | | | | | | |
| 3-2-82 | 0725 | -- | 23.5 | 7.0 | U | -- | 16 | 720 | NA | 200 | 75 | 140 | -- |
| Drainage | | | | | | | | | | | | | |
| 3-2-82 | 0735 | -- | 3.0 | 7.6 | -- | -- | < 4 | 530 | NA | 21 | 6.7 | -- | -- |

| | | $CBOD_8$ mg/l | $CBOD_{12}$ mg/l | $CBOD_{15}$ mg/l | $CBOD_{20}$ mg/l | Nitrite & nitrate nitrogen mg/l | Ammonia nitrogen mg/l | Kjeldahl nitrogen mg/l | Total phosphorus-P mg/l | O&G I.R. mg/l | O&G Grav. mg/l | Ph u |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 390006 (002) | | | | | | | | | | | | |
| 3-1-82 | 1450 | 150 | 180 | 170 | 190 | 7.2 | 0.64 | 10. | 0.13 | 1 | < 2 | 6. |
| 3-2-82 | 0745 | 130 | 130 | 160 | 180 | 4.1 | 0.85 | 8.2 | 0.12 | 1 | < 2 | 4. |
| 390004 (001) | | | | | | | | | | | | |
| 3-2-82 | 0725 | -- | -- | -- | -- | 3.8 | 0.66 | 7.7 | 0.12 | 1 | < 2 | 3. |
| Drainage | | | | | | | | | | | | |
| 3-2-82 | 0735 | -- | -- | -- | -- | 0.32 | 0.67 | 1.2 | 0.10 | < 1 | < 2 | - |

1 - Values determined in the field at time of sampling.

SA 027593
SA00027593

## Allied Paper Company - Kalamazoo

Table 3 Comparison of survey results with the facility's NPDES Permit and Monthly Operating Report.

| Parameter (Unit) | NPDES Permit Final Limitations | | March Monthly Operating Report | | | | Survey Results[1] |
|---|---|---|---|---|---|---|---|
| | Daily Average | Daily Maximum | Monthly Average | Monthly Maximum | 3-1-82 | 3-2-82 | |
| 390006 (002) | | | | | | | |
| Flow ($M^3$/day) | -- | -- | 1,800 | 2,970 | 1,330 | 2,770 | 1,210 (1,450, 740) |
| Settleable solids (ml/l) | -- | -- | 0.05 | 0.05 | 0.05 | 0.05 | -- |
| (mg/l) | -- | -- | -- | -- | -- | -- | 4 (4, 4) |
| Oil & Grease (visual) | No visible film | | 0 | 0 | 0 | 0 | -- |
| (mg/l) | Quantitative analysis not required | | -- | -- | -- | -- | -- ( 2, 2) |
| $BOD_5$ (kg/day) | 230 | 350 | 226 | 349 | 195 | 335 | 170 |
| Suspended solids (kg/day) | 230 | 350 | 92.1 | 215 | 37 | 66.2 | 20 |
| pH (S.U.) | not <6.5 nor >9.5 | | -- | 7.2 min. 6.5 | 6.5 | 6.8 | -- (6.7, 6.9) |

1 - Survey results are for the composite sample. Grab sample ranges are shown in parentheses ( ).
To obtain MGD multiply $M^3$/day by 0.0002642
To obtain lbs/day multiply kg/day by 2.205



SA00027594
SA 827594

Table 4 Comparison of the laboratory analytical results obtained by Allied Paper Company and the Environmental Protection Bureau from the split grab sample.

| Outfall | 390006 (002) | |
|---|---|---|
| | Allied Paper | E.P.B. |
| Flow ($M^3$/day) | 1,320 | 1,210 |
| | mg/l | mg/l |
| Suspended solids | 36 | 20 |
| $BOD_5$ | 138.3 | 130 |

Table 5 Comparison of the previous survey results with the results obtained in this survey at Allied Paper Company - Kalamazoo.

| Outfalls | | 390006 (002) | | 390004 (001) | |
|---|---|---|---|---|---|
| Survey Date | From | 1-26-81 | 3-1-82 | 1-26-81 | 3-1-82 |
| | To | 1-27-81 | 3-2-82 | 1-27-81 | 3-2-82 |
| Flow Rate ($M^3$/day) | | 2,500 | 1,210 | 5,806 | 5,710 |
| | | mg/l | mg/l | mg/l | mg/l |
| Suspended solids | | 47 | 20 | 49 | 28 |
| Dissolved solids | | 590 | 740 | 640 | 720 |
| Settleable solids | | 9 | 4 | < 2 | 6 |
| COD | | 110 | 220 | 180 | 220 |
| TOC | | 38 | 75 | 58 | 74 |
| $BOD_5$ | | 62 | 140 | 110 | 130 |
| $CBOD_5$ | | 56 | 140 | -- | -- |
| Nitrite & nitrate nitrogen-N | | 0.08 | 5.0 | 0.83 | 4.3 |
| Ammonia nitrogen-N | | < 0.01 | 0.96 | < 0.01 | 0.90 |
| Kjeldahl nitrogen-N | | 4.0 | 9.5 | 4.2 | 7.5 |
| Total phosphorus-P | | 0.33 | 0.12 | 0.50 | 0.13 |
| | | ug/l | ug/l | ug/l | ug/l |
| Phenol | | 8 | 5.2 | 7 | 4.6 |
| Pentachlorophenol | | 0.58 | 60 | -- | -- |



SA00027595

Table 6 Sample Preservation

| Parameter | Preservative |
|---|---|
| COD/TOC/Phenol/Nutrients (Chlorine Absent) | 5 drops conc. $H_2SO_4$/250 ml (to pH <2). |
| D.O. | Fixed on site. |
| Oil & Grease | 10 drops conc. $H_2SO_4$/250 ml (to pH <2). |
| Acid Extractables | Dechlorinated (if needed) with sodium thiosulfate (1 drop 0.141 N/mg/l $Cl_2$/250 ml). 40 drops $H_2SO_4$/1000 ml (to pH <2). |

Samples preserved as required, cooled to 4°C with chain of custody maintained.

Lab Letter Codes

NA - Analytical method has not yet been approved by laboratory.
U - Indicates material was analyzed for but not detected.

Survey by: Peter Ostlund, Environmental Engineer
William Long, Water Quality Investigator
Richard Irvin, Water Quality Technician

Contact with Management: U.G. (Les) Stoeffler
John Roth, Certified Operator

Hydrocarbon Analyses by: Environmental Protection Bureau Laboratory

Physical, Chemical & Bacteriological Analyses by: Environmental Protection Bureau Laboratory

Report by: Peter Ostlund
William Long
Point Source Studies Section
Environmental Services Division
Environmental Protection Bureau
Michigan Dept. of Natural Resources

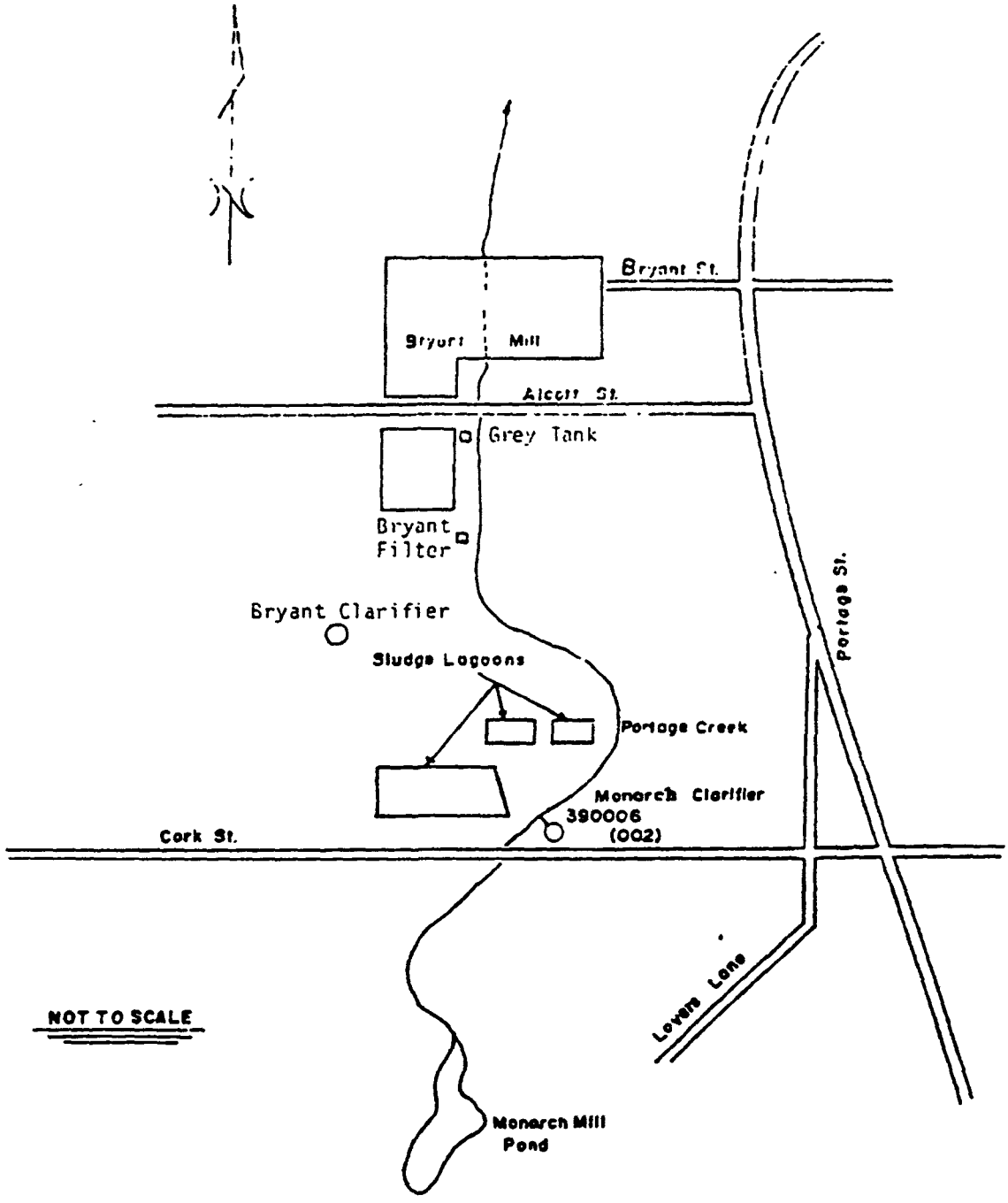
Distribution "A"
MM
5/17/82



SA00027596

FIGURE 1

ALLIED PAPER MILLS
KALAMAZOO



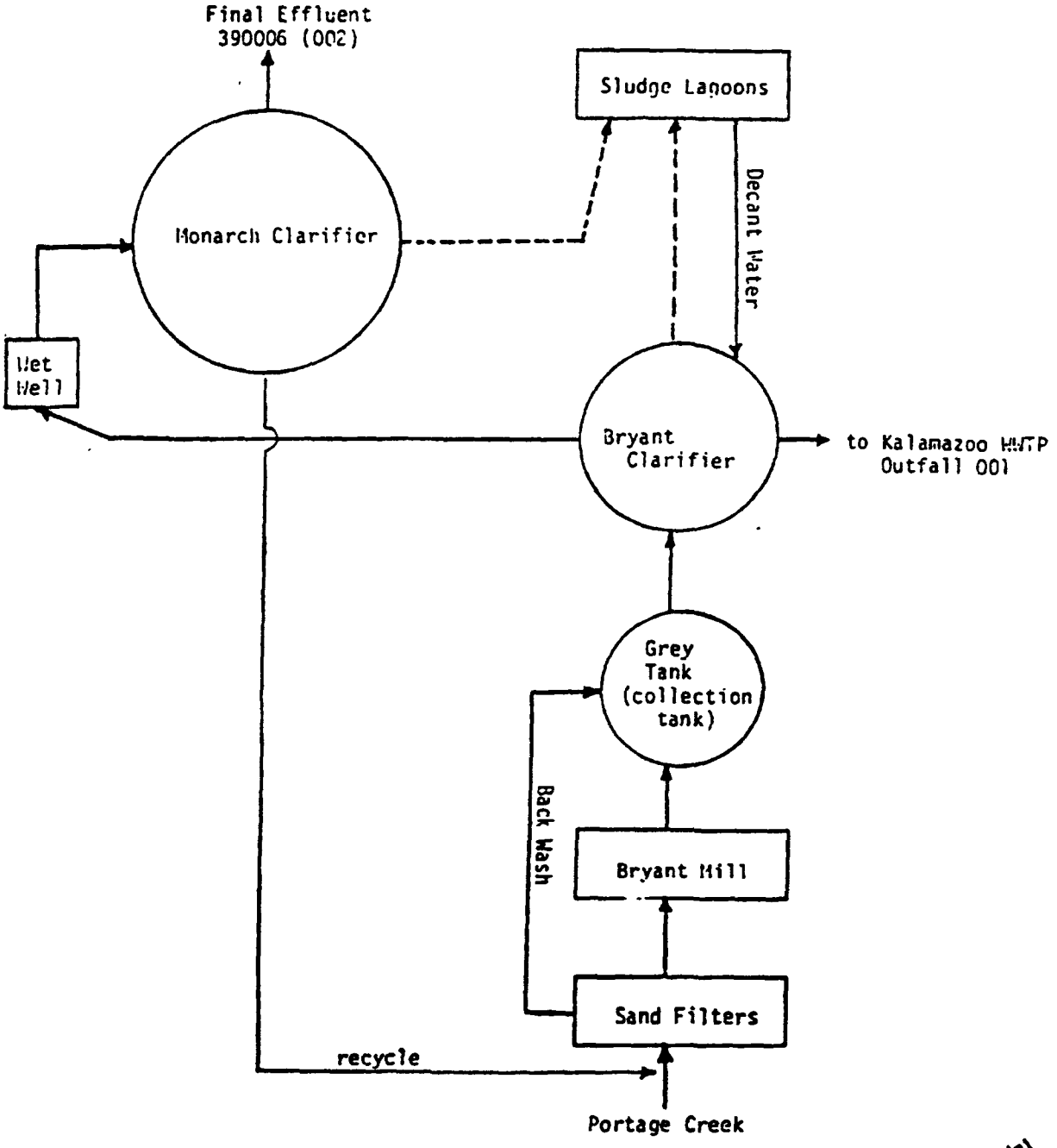

TEX 9-16-76 REV 3



SA00027597

Figure 2 Allied Paper Company - Kalamazoo

Wastewater Treatment




7/24/81



SA00027598

Appendix A

Mini Screening Test for Acute Effluent Toxicity

ALLIED PAPER COMPANY
Kalamazoo, Michigan
March 3-5, 1982

Unpreserved portions of the composite sample collected from outfall 390006 (002) was tested for acute toxicity using the macroinvertebrate Daphnia magna. Ten daphnids (<24 hours old) were exposed to 200 ml of undiluted effluent and control water (carbon filtered Lansing city water). The daphnids, contained in pairs of beakers, were observed at 48 hours to determine the percent immobilized (Table 1). Conditions present in test solutions at 0 and 48 hours are given in Table 2. Additional details are available upon request.

This mini screening test provides an indication of effluent toxicity at the point of discharge. The results identify possible violations of Rule 1032 (Water Quality Standards, 1973) and indicate where more extensive testing may be needed.

Table 1 Toxicity to Daphnia magna.

| Outfall | % immobilized in 48 hours |
|---|---|
| 390006 (002) | 100 |

Table 2 Test conditions.

| | Outfall 390006 | | | |
|---|---|---|---|---|
| | 0 hours | | 48 hours | |
| | Control | 100% | Control | 100% |
| Dissolved oxygen (mg/l) | 8.5 | 6.3 | 8.4 | 1.8 |
| Oxygen saturation (%) | 96 | 70 | 95 | 20 |
| pH (S.U.) | 7.7 | 7.0 | 7.6 | 7.2 |
| Temperature (°C) | 20 | 20 | 20 | 20 |
| Conductivity (umhos) | 270 | 1000 | 270 | 950 |
| Alkalinity (mg/l) | 40 | 100 | -- | -- |
| Hardness (mg/l) | 84 | 250 | -- | -- |

SA 027599

SA00027599

Permit, No. MI 0000779



State of Michigan
Department of Natural Resources
Water Resources Commission

RECEIVED
APR 30 1979
Water Qual. Control

# DISCHARGE PERMIT APPLICATION

(Please print or type all information)

Section 1. Applicant and Facility Description — unless otherwise specified on this form, all items are to be completed. If an item is not applicable, indicate "NA."

1. **Legal Name of Applicant:**

   Allied Paper Incorporated

2. **Mailing Address of Applicant:**

   number & street 2030 Portage Street

   city Kalamazoo state MI zip code 49001 phone 616 (area code) 345-7131 (number)

3. **Applicant's Authorized Agent for further correspondence:**

   name & title U. G. Stoeffler, Manager Process Development

   number & street 2030 Portage Street

   city Kalamazoo state MI zip code 49001

   telephone: area code 616 number 345-7131

4. **Facility/Activity:** give name, ownership and physical location of the plant or other operating facility where discharge(s) does or will occur.

   name Allied Paper Incorporated, Monarch Mill

   ownership: ____ sole owner; X corporation; ____ state in which incorporation filed;

   ____ partnership; ____ governmental unit; ____ nonprofit organization.

   location:

   street & number Cork Street (Mailing Address - 2030 Portage St.)

   city Kalamazoo township ____

   county Kalamazoo ; town ____ range ____ section ____

I certify that I am familiar with the information contained in this application, and to the best of my knowledge and belief, such information is true, complete and accurate. Submitted in accordance with Section 8 (b), Act 245, Public Acts of 1929, as amended.

| Signature of Applicant | Date | If Partnership, Signature of Co-Owner | Date |
|---|---|---|---|
| | | | |

| Print or Type Applicant's Name & Title | Print or Type Co-Owner's Name |
|---|---|
| Thomas Flanagan, Vice President Manufacturing | |

R4698

NOTE: If sanitary sewage is to be discharged from housing developments, apartment buildings, shopping centers, or other commercial developments, into a system other than an approved municipal sanitary waste collection system, the following should be completed and signed by an authorized municipal official or township officer.

It is the policy of the Commission that applications involving the disposal of sewage of human origin from any entity other than local government include the local government as a co-signer of the statement, and that all proceedings and hearings against said entity will include the local unit of government as a party by appropriate notice, and all permits issued as a result of such hearings and proceedings will be jointly against the said unit and entity.

Signature of Authorized Local Government Representative

Mailing Address of Local Government Representative

Print or Type Name of Local Government Representative

5. **Nature of Business:** describe the nature of the business or manufacturing process conducted at the plant or operating facility.

6. **Source of Water Supply:** indicate average water intake volume per day by sources

| | | |
|---|---|---|
| municipal — name | Kalamazoo | 18,750 gallons per day |
| * surface water intake — name | Portage Creek | 1,980,000 gallons per day |
| private-well | | gallons per day |
| other (specify) | | gallons per day |

7. **Facility Water Usage:** average volume in gallons per day for the following types of water usage at the facility.

| | | |
|---|---|---|
| * process water (including contact cooling water) | | 1,916,000 gallons per day |
| noncontact cooling water | | gallons per day |
| * sanitary water (number of people served) | 103 | 18,750 gallons per day |
| * other (specify) Sand Filter Backwash | | 64,000 gallons per day |
| | total | 1,998,750 gallons per day |

* These flows are for the Monarch Mill manufacturing facility.

8. **Facility Discharges:** specify number of discharge points and the volume of water discharged or used from the facility according to the categories below.

| | number of discharge points | total volume used or discharged — gal/day |
|---|---|---|
| surface water | 1 | 1,980,000 |
| municipal sanitary sewer | 2 | 18,750 |
| municipal storm sewer | | |
| groundwater — | | |
| a. land application | | |
| b. percolation system | | |
| well injection | | |
| other (specify) | | |
| * total | 3 | 1,998,750 |

9. **Discharge Locations:** provide a drawing or map of the facility showing each point of discharge listed in item 8. Label each discharge with the appropriate three digit serial number assigned in Section II, 1 (a).

10. **Pollution Incident Prevention Plan:** has your facility submitted a Pollution Incident Prevention Plan?

yes X no _____ date submitted Dec. 1, 1977 date fully implemented March 15, 1978

11. **Critical Materials**

a. **usage:** This application contains a list of critical materials. Please indicate the amount of these materials used in produced in, or are incidental to your operation.

| name | amount lbs/yr. | name | amount lbs/yr. |
|---|---|---|---|
| Chlorine 70,000 #/yr. | | | |
| Formaldehyde 52,000 #/yr. | | | |
| Pentachorophenol (Dowicide G) 300#/yr. | | | |
| | | | |
| | | | |
| | | | |

* These flows are for the Monarch Mill manufacturing Facility

Permit No. 0000779 Discharge Serial No. 0 0 2

**Section II Basic Discharge Description**
**(Please print or type all information)**

Complete this section for each discharge indicated in Section 1, Item 8, except those discharges which enter a sanitary sewer. Separate descriptions of each discharge are required even if several discharges originate in the same All values for an existing discharge should be representative of the twelve previous months of operation. If this is a discharge, values should reflect best engineering estimates.

1. **Discharge Serial No. and Name**

   a. discharge serial number 0 0 2 (three digit code, 001, 002, etc.)

   b. type of waste water being discharged (Process, noncontact cooling, etc.) Process Water

   * c. volume discharged 2.613 average gals/day 4.004 maximum gals/day

2. **Discharge Location**

   town _____ range _____ section _____

   county _____ city or town _____

3. **Discharge Point Description** (If the discharge is to a county drain or storm sewer, indicate the receiving waters; e.g., Clear Lake via Mud Drain)

| | |
|---|---|
| ____ lake | |
| X river or stream | Portage Creek |
| ____ municipal storm sewer | |
| ____ county drain | |
| ____ groundwater | |
| ____ well injection | |
| ____ other (specify) | |

4. **Activity Description**

   give a narrative description of activity producing this discharge:

   Excess white water resulting from the manufacture of paper and sand filter backwash water

* This discharge serial number is from the Monarch clarifier effluent and the influent to this clarifier is made up from the Monarch Mill discharge and some effluent from the Bryant clarifier. (See attached drawing for Section II-6)

5. **Activity Causing Discharge:** For each S.I.C. Code which describes the activity causing this discharge. supply the type and average and maximum amount of *either* the raw materials consumed (Item 5a) or the product produced (Item 5b).

a. raw materials:

| S.I.C. Code | name | average amt/day | maximum amt/day | unit (see Table II) | discharge(s) serial No. (s) |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

b. products:

| S.I.C. Code | name | average amt/day | maximum amt/day | unit (see Table II) | discharge(s) serial No.(s) |
|---|---|---|---|---|---|
| 2621* | Paper Manufacture | 38 | 45 | ton of product | 002 |
| | | | | | |
| | | | | | |
| | | | | | |

6. **Waste Abatement Practices:** Briefly describe the waste treatment practices applied to this discharge. (attach a waste flow diagram)

narrative: Excess process white water and backwash water flows from Monarch Mill through a pipe under Cork Street to the Monarch clarifier wet well. Before leaving the Monarch Mill basement, alum is added to the waste flow. Effluent from Bryant clarifier is also added at Monarch wet well. Polymer is added at the wet well pump. The combined waste flow is pumped to the center ring of the clarifier for clarification and flows into the launder and discharge weir to Portage Creek.

a. distance of treatment facility and/or disposal area from nearest well:

private well not known feet; municipal well 3400 feet.

* From Monarch Manufacturing facility only.

b. if subsurface disposal, land application, or oxidation pond is proposed, nearest distance to a surface watercourse: _____ feet.

c. if discharge is to underground by injection well, include an application and/or approved permit in accordance with the provisions of Act 315, Public Acts of 1969.

d. names and addresses of property owners adjacent to the facility:

| name | address |
|---|---|
| West-Consolidated Rail Corporation | 6 Penn Center Plaza |
| | Philadelphia, PA 19104 |
| East-Cork Lane Car Wash-Door Corp. | 721 E. Cork St., Kalamazoo, MI |
| South & North-Allied Paper Inc. | |

7. **Wastewater Characteristics:** If you presently have a discharge permit, list all parameters reported on the current monthly operating report and compute monthly averages, maximum and minimum from the past twelve months. For the proposed discharge, describe the expected characteristics of the discharge after treatment.

| Parameter | Monthly Average | Monthly Maximum | Monthly Minimum | Sample Frequency | Sample Type |
|---|---|---|---|---|---|
| Flow (50050) | 2.802 MGD | 3.184 | 2.419 | Continuous | Capacitance Probe |
| BOD (85001) | 386 #/Day | 487 | 301 | Continuous | KJM |
| Solids Set (00545) | 0.06 | 0.07 | 0.05 | Grab | - |
| Solids Suspended 85032 | 129 #/Day | 210 | 28 | Continuous | KJM |
| pH (00400) | - | 9.4 | 6.5 | Grab | - |
| Oil-Grease (01300) | 0.3 | 0.40 | 0.100 | Grab | - |

8. **Critical Materals Discharged:** List those critical materials not reported in Item 7 which may be present in the discharge.

| Parameter | Concentration | Units |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

9. **Plant Controls:** Check if the following plant controls are available for this discharge:

____ alternate power source _X_ alarm or emergency procedure for power or equipment failure.

10. **Residuals and Residues:** Are there any sludges, residues, or critical materials removed from or resulting from treatment or control of wastewaters produced by this discharge?

_X_ yes; ____ no; if *no* is checked, continue to Item 11.

a. the physical state of the residue:

____ liquid; _X_ heavy sludge; ____ wet solids; ____ dry solids.

b. the liquid portion of the residue is primarily:

_X_ water; ____ oil; ____ chemical solvent.

c. the residue results from:

_X_ process wastewater; ____ sanitary sewage; ____ chemical production;

____ food processing; ____ machining; ____ dust collection;

____ paint booths; ____ water treatment; ____ other (specify).

_____

d. estimate the total annual volume or weight of the material:

2,700,000 gallons; pounds; cubic yards (circle one)

e. if you dispose of the material yourself, indicate the type of disposal site:

____ public landfill; ____ private landfill; _X_ own land;

____ shipped out of state; ____ incinerated; ____ other (specify).

_____

f. if a public or private landfill(s) is used, give name(s) and address(es):

None

_____

g. if you have the material removed by commercial waste or refuse hauler(s), give name(s) and address(es):

None

_____

_____

h. indicate how the material is stored before disposal or removal:

_____ metal drums; _____ fiber drums; _____ aboveground tank;

_____ underground tank; _____ stockpiled on ground;

_____ holding pond/lagoon; _____ other (specify) _____

11. **Water Treatment Additives:** if the discharge is treated with any conditioner, inhibitor, algicide, answer the following:

a. name of material(s) WT 2640 - Polymer

Liquid Alum

b. name and address of manufacturer(s) Polymer - Calgon Corporation, Pittsburgh, PA.

Alum - American Cyanamid Corporation, Kalamazoo, MI

c. quantity (pounds added per million gallons of water treated) Polymer 207#, Alum 840#

d. chemical composition of these additives:

Polymer - Co-polymer of dimethyl diallyl Ammonium chloride acrylamide

Alum - Aluminum sulphate

NOTE: Complete items 12-14 if there is a thermal discharge; e.g., associated with a steam and/or power generation plant, steel mill, petroleum refinery or any other manufacturing process.

12. **Thermal Discharge Source:** Check appropriate item(s) indicating the source of this discharge.

NONE

| | gallons/day |
|---|---|
| boiler blowdown | |
| boiler chemical cleaning | |
| ash pond overflow | |
| boiler water treatment — evaporation blowdown | |
| oil or coal fired plants — effluent from air pollution control devices | |

12. (continued)

condenser cooling water _____

cooling tower blowdown _____

manufacturing process _____

other (specify) _____

13. **Discharge Temperature:** N.A.

maximum summer _____ °F maximum winter _____ °F

average summer _____ °F average winter _____ °F

14. **Intake Temperature:** N.A.

average summer _____ °F average winter _____ °F

There are several other regulatory laws governing different facets of operation - such as T.O.S.C.A., R.C.R.A, Act 64 etc. but are not applicable to this report. We regularly fill out survey forms sent by various State and Federal agencies compliance is mandated by statute.

As per U.S.E.P.A. and Michigan DNR requirement, Allied has under Al Vickery's direction and plan, prepared Pollution Incidence Prevention Plans (PIPP). These are filed with both EPA and DNR and have to be at hand for inspection by EPA people when they pay us those surprise visits.

The recent Michigan D.N.R. reorganization has concentrated all the Environmental Protection Bureau people for this district in the Plainwell office including Hazardous Waste, Community Assistance, Air Quality, Ground-Water Quality and Surface Water Quality. How long this re-alignment structure functions will depend on the wishes of the newly appointed D.N.R. Director. There have been some rumbling about putting all waste treatment facilities under the jurisdiction of the State Department of Public Health or a new agency.

PROCESS WATER

Historically the Bryant Division has used Portage Creek as the principal source of process water. The water from the creek enters the system at the Cork Street pump house and is pumped through a 24" pipe for some 3500 feet to the filter plant. In the last few years the old Hungerford and Terry gravity down flow sand filters have become inadequate to provide the quality of water required to produce quality light weight papers. This was especially evident when a program of recycling some our clarified effluent to the process water pump house was started in November, 1981.



SA00034151

Recently three Parkson Dynasand filters have been installed and put on line in the filter plant. These are upflowing sand filters, that continuously backwash the sand. The water enters at the bottom of the filter and flows upward through some 40" of sand overflowing to the clearwell. The washed sand falls to the top of the bed and the backwash water flows to the sewer. The sand is continuously moving downward and the water upward. It is calculated that this backwash system will reduce the volume of backwash water some 300,000 gallons per day from that of the old sand filter backwash volume.

Previously, when using the old sand filters only a chlorine water injection before the filters was used to oxidize the iron, silt and bacteria in the incoming water. It was soon evident that using the Dynasand method of filtering this single chemical treatment was not sufficient to produce a satisfactory quality water for the manufacturing process even with only a small amount of recycled water.

With the addition of other chemicals and/or modifications of injections points in the system we have produced a water of acceptable quality with an influent of 100% Portage Creek water. At the present time we are able to produce the same water quality with a 10% substitution of recycled clarifier effluent. We anticipate that within a reasonable time we will be able to produce a quality process water using a higher percentage of recycled water in a totally automated system, with permanent chemical additions systems. The responsibility for achieving this objective presently lies with a committee of staff people.

In addition to this immediate objective our longer range objectives are to decrease they use of City water in the manufacturing process by maintaining a high quality process water, increase the use of recycled water to the system, and reduce the strength and volume of waste water from the mills. These objectives will require the combined efforts of Manufacturing, Engineering, Maintenance and



SA00034153

# DAILY AVERAGE FLOWS [redacted]

## FRESH WATER

| | MILL C | MILL D | POWER PLANT | BACK WASH | TOTAL |
|---|---|---|---|---|---|
| JANUARY | 0.645 | 1.502 | 0.187 | 0.306 | 2.640 |
| FEBRUARY | 0.517 | 1.553 | 0.196 | 0.261 | 2.530 |
| MARCH | 0.517 | 1.588 | 0.187 | 0.414 | 2.694 |
| APRIL | 0.599 | 1.487 | 0.186 | 0.551 | 2.824 |
| MAY | 0.653 | 1.502 | 0.180 | 0.571* | 2.568 |
| JUNE | 0.660 | 1.482 | 0.173 | — | 2.316 |
| JULY | 0.621 | 1.419 | 0.158 | — | 2.199 |
| AVERAGE | 0.602 | 1.505 | 0.181 | | 2.539 |

## WASTE WATER

| | PORTAGE CREEK | CITY | RECYCLE | TOTAL |
|---|---|---|---|---|
| JANUARY | 0.466 | 1.372 | 0.806 | 2.644 |
| FEBRUARY | 0.481 | 1.452 | 0.568 | 2.501 |
| MARCH | 0.620 | 1.526 | 0.550 | 2.696 |
| APRIL | 0.616 | 1.727 | 0.613 | 2.956 |
| MAY | 0.515 | 2.074 | 0.594 | 3.183 |
| JUNE | 0.459 | 2.019 | 0.591 | 3.069 |
| JULY | 0.441 | 2.143 | 0.569 | 3.134 |
| AVERAGE | 0.514 | 1.759 | 0.613 | 2.883 |



SA00034158

## FRESH WATER USE DAILY AVERAGE

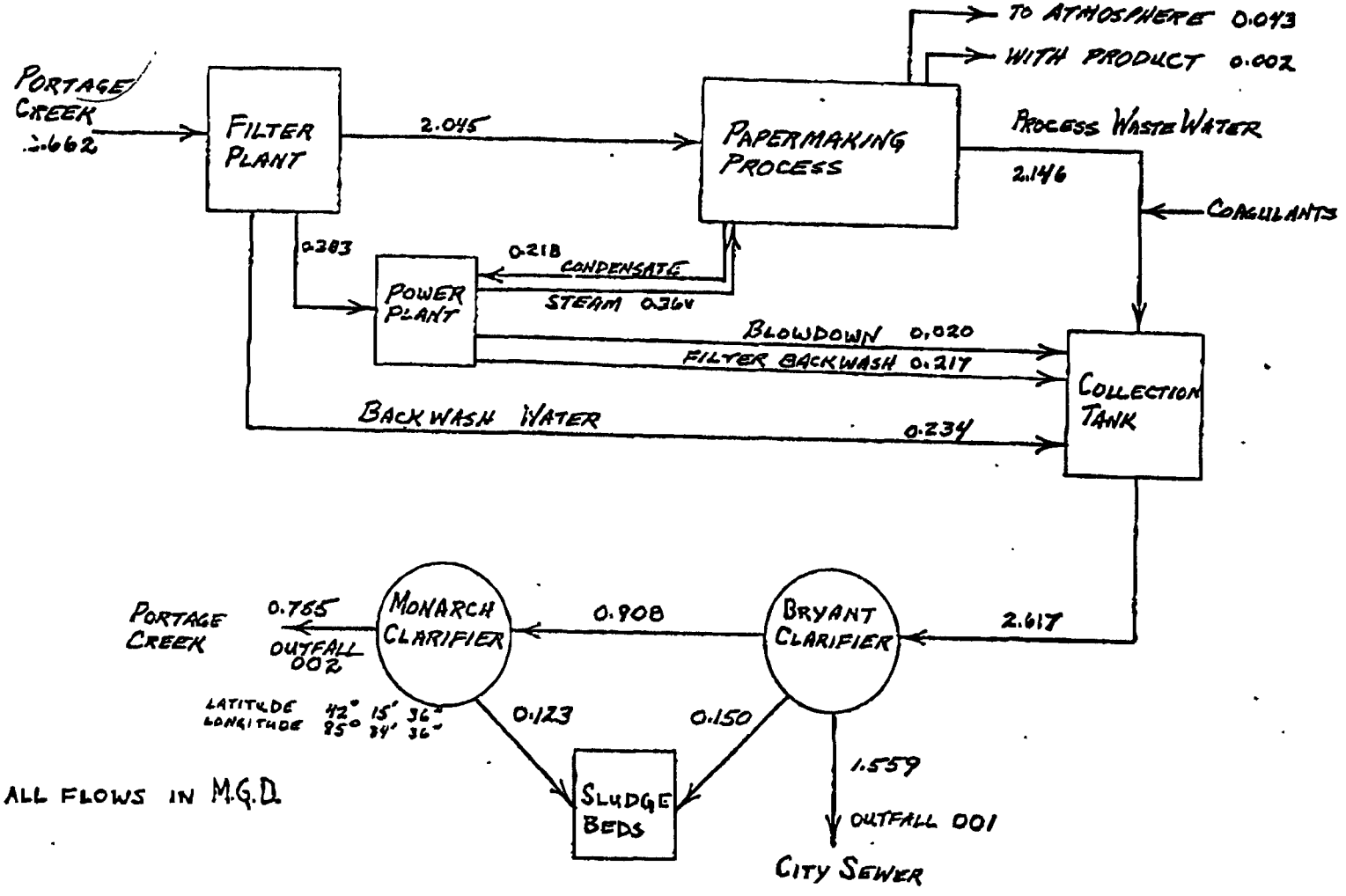
| Week of | C | D-Total | Total |
|---|---|---|---|
| 4-15-84 | 1.140 | 1.168 | 2.695 |
| 4-22-84 | 1.018 | 1.218 | 2.583 |
| 4-29-84 | 1.185 | 1.283 | 2.816 |
| 5-06-84 | 1.113 | 1.248 | 2.722 |
| 5-13-84 | 1.087 | 1.158 | 2.597 |
| 5-20-74 | 1.166 | 1.208 | 2.684 |
| 5-27-84 | 1.130 | 1.222 | 2.665 |
| 6-03-84 | 1.154 | 1.134 | 2.648 |
| Average | 1.124 | 1.205 | 2.676 |
| Std. Dev. | 0.053 | 0.049 | 0.074 |

03/28/01 WED 14:18 FAX 7343321212 LIMNO-TECH 002

SA0005639 HS 0005962

# ALLIED PAPER INC. KALAMAZOO, MICHIGAN

## SCHEMATIC WATER FLOW




ALL FLOWS IN M.G.D.

AWW

Comparison of Fresh Water [illegible] for Fiscal

| Date | Fresh Water Mill C | Mill D | Power Plant | Back Wash | Total Fr | Total for Fiscal | Diff. Fr. - Fi |
|---|---|---|---|---|---|---|---|
| 1 | 0.541 | 1.403 | 0.197 | 0.634 | 2.775 | 2.906 | 0.131 |
| 2 | 0.604 | 1.482 | 0.199 | 0.525 | 2.810 | 3.145 | 0.335 |
| 3 S | 0.633 | 1.477 | 0.209 | 0.525 | 2.844 | 2.785 | -0.059 |
| 4 6 | 0.657 | 1.820 | 0.199 | 0.583 | 3.259 | 3.525 | 0.266 |
| 5 | 0.563 | 1.496 | 0.197 | 0.448 | 2.704 | 2.990 | 0.286 |
| 6 9 | 0.636 | 1.586 | 0.190 | 0.524 | 2.936 | 3.022 | 0.086 |
| 7 | 0.493 | 1.447 | 0.187 | 0.562 | 2.689 | 2.942 | 0.253 |
| 8 8 | 0.494 | 1.505 | 0.187 | 0.567 | 2.753 | 2.528 | -0.225 |
| 9 | 0.481 | 1.484 | 0.187 | 0.491 | 2.643 | 2.396 | 0.247 |
| 10 S | 0.474 | 1.343 | 0.190 | 0.519 | 2.526 | 2.463 | -0.063 |
| 11 5 | 0.620 | 1.559 | 0.178 | 0.649 | 3.006 | 3.417 | 0.411 |
| 12 | 0.714 | 1.552 | 0.187 | 0.385 | 2.838 | 3.381 | 0.543 |
| 13 8 | 0.471 | 1.693 | 0.175 | 0.539 | 2.878 | 3.138 | 0.260 |
| 14 7 | 0.578 | 1.610 | 0.178 | 0.736 | 3.102 | 3.425 | 0.323 |
| 15 | 0.632 | 1.438 | 0.187 | 0.535 | 2.792 | 3.046 | 0.254 |
| 16 | 0.620 | 1.401 | 0.187 | 0.601 | 2.808 | 3.168 | 0.360 |
| 17 S | 0.621 | 1.411 | 0.187 | 0.629 | 2.848 | 2.645 | -0.203 |
| 18 7 | 0.578 | 1.456 | 0.194 | 0.481 | 2.709 | 2.980 | 0.271 |
| 19 9 | 0.571 | 1.542 | 0.190 | 0.573 | 2.876 | 2.925 | 0.049 |
| 20 | 0.551 | 1.469 | 0.190 | 0.469 | 2.679 | 2.705 | 0.026 |
| 21 | 0.638 | 1.379 | 0.194 | 0.454 | 2.665 | 2.871 | 0.206 |
| 22 | 0.626 | 1.405 | 0.182 | 0.546 | 2.759 | 3.053 | 0.294 |
| 23 | 0.632 | 1.429 | 0.185 | 0.503 | 2.749 | 2.999 | 0.250 |
| 24 S | 0.632 | 1.452 | 0.185 | 0.428 | 2.697 | 2.635 | -0.062 |
| 25 6 | 0.623 | 1.481 | 0.185 | 0.452 | 2.771 | 3.063 | 0.292 |
| 26 | 0.530 | 1.433 | 0.178 | 0.510 | 2.651 | 2.802 | 0.151 |
| 27 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |



SA00028766

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 26 | 0.530 | 1.433 | 0.178 | 0.510 | 2.651 | 2.802 | 0.151 |
| 27 | 8 0.549 | 1.586 | 0.180 | 0.575 | 2.890 | 2.940 | 0.050 |
| 28 | 7 0.525 | 1.407 | 0.170 | 0.730 | 2.832 | 2.954 | 0.122 |
| 29 | 6 0.688 | 1.520 | 0.186 | 0.474 | 2.868 | 2.901 | 0.033 |
| 30 | 0.738 | 1.432 | 0.193 | 0.550 | 2913 | 2.928 | 0.015 |
| May | 1 5 0.531 | 1.418 | 0.170 | 0.609 | 2.728 | 2.691 | -0.037 |
| | 2 0.605 | 1.560 | 0.178 | 0.668 | 3.011 | 3.176 | 0.165 |
| | 3 9 0.558 | 1.539 | 0.168 | 0.575 | 2.840 | 3.145 | 0.305 |
| | 4 0.582 | 1.510 | 0.178 | 0.507 | 2.777 | 3.053 | 0.276 |
| | 5 0.601 | 1.536 | 0.182 | 0.583 | 2.902 | 3.110 | 0.208 |
| | 6 7 0.527 | 1.534 | 0.185 | 0.704 | 2.950 | 3.117 | 0.167 |
| | 7 0.648 | 1.621 | 0.197 | 0.558 | 3.024 | 3.229 | 0.205 |
| | 8 5 0.582 | 1.321 | 0.182 | 0.412 | 2.497 | 2.497 | 0 |
| | 9 0.647 | 1.403 | 0.190 | 0.583 | 2.823 | 3.337 | 0.514 |
| | 10 8 0.672 | 1.457 | 0.180 | 0.490 | 2.799 | 3.219 | 0.420 |
| | 11 7 0.914 | 1.389 | 0.175 | 0.666 | 3.144 | 3.463 | 0.319 |
| Total Flows | 24.58 | 60.985 | 7.609 | 22.582 | 115.766 | 122.722 | |
| Avg. Daily | 0.599 | 1.487 | 0.186 | 0.551 | 2.824 | 2.993 | |
| April Total | 17.713 | 44.697 | 5.624 | 16.227 | 84.270 | 88.685 | |
| April Avg | 0.590 | 1.489 | 0.187 | 0.541 | 2.809 | 2.956 | |
| May Total | 6.867 | 16.288 | 1.985 | 6.355 | 31.495 | 34.037 | |
| May Avg | 0.642 | 1.4807 | 0.181 | 0.577 | 2.863 | 3.094 | |

000366

SH 028767

Comparison of Fresh Water vs Wash Water Flows from

| Date | Fresh Water Mill C | Fresh Water Mill D | Fresh Water Power Plant | Fresh Water Back Wash | Fresh Water Total F.W. | Wash Water Total | Difference W.W. - F.W. |
|---|---|---|---|---|---|---|---|
| 1 | 0.541 | 1.403 | 0.197 | 0.634 | 2.775 | 2.906 | 0.131 |
| 2 | 0.604 | 1.482 | 0.199 | 0.525 | 2.810 | 3.145 | 0.335 |
| 3 s | 0.633 | 1.477 | 0.209 | 0.525 | 2.844 | 2.785 | -0.059 |
| 4 | 0.657 | 1.820 | 0.199 | 0.583 | 3.259 | 3.525 | 0.266 |
| 5 | 0.563 | 1.496 | 0.197 | 0.448 | 2.704 | 2.990 | 0.286 |
| 6 | 0.636 | 1.586 | 0.190 | 0.524 | 2.936 | 3.022 | 0.086 |
| 7 | 0.493 | 1.447 | 0.187 | 0.562 | 2.689 | 2.942 | 0.253 |
| 8 | 0.494 | 1.505 | 0.187 | 0.567 | 2.753 | 2.528 | -0.225 |
| 9 | 0.481 | 1.484 | 0.187 | 0.491 | 2.643 | 2.396 | 0.247 |
| 10 s | 0.474 | 1.343 | 0.190 | 0.519 | 2.526 | 2.463 | -0.063 |
| 11 | 0.620 | 1.559 | 0.178 | 0.649 | 3.006 | 3.417 | 0.411 |
| 12 | 0.714 | 1.552 | 0.187 | 0.385 | 2.838 | 3.381 | 0.543 |
| 13 | 0.471 | 1.693 | 0.175 | 0.539 | 2.878 | 3.138 | 0.260 |
| 14 | 0.578 | 1.610 | 0.178 | 0.736 | 3.102 | 3.425 | 0.323 |
| 15 | 0.632 | 1.438 | 0.187 | 0.535 | 2.792 | 3.046 | 0.254 |
| 16 | 0.620 | 1.400 | 0.187 | 0.601 | 2.808 | 3.168 | 0.360 |
| 17 s | 0.621 | 1.411 | 0.187 | 0.629 | 2.848 | 2.645 | -0.203 |
| 18 | 0.578 | 1.456 | 0.194 | 0.481 | 2.709 | 2.980 | 0.271 |
| 19 | 0.571 | 1.542 | 0.190 | 0.573 | 2.876 | 2.925 | 0.049 |
| 20 | 0.551 | 1.469 | 0.190 | 0.469 | 2.679 | 2.705 | 0.026 |
| 21 | 0.638 | 1.379 | 0.194 | 0.454 | 2.665 | 2.871 | 0.206 |
| 22 | 0.626 | 1.405 | 0.182 | 0.546 | 2.759 | 3.053 | 0.294 |
| 23 | 0.632 | 1.429 | 0.185 | 0.503 | 2.749 | 2.999 | 0.250 |
| 24 s | 0.632 | 1.652 | 0.185 | 0.428 | 2.697 | 2.635 | -0.062 |
| 25 | 0.623 | 1.481 | 0.185 | 0.482 | 2.771 | 3.063 | 0.292 |
| 26 | 0.530 | 1.433 | 0.178 | 0.510 | 2.651 | 2.802 | 0.151 |
| 27 | 0.549 | 1.586 | 0.180 | 0.575 | 2.890 | 2.940 | 0.050 |
| 28 | 0.525 | 1.407 | 0.170 | 0.730 | 2.832 | [illegible] | [illegible] |

SA 028768

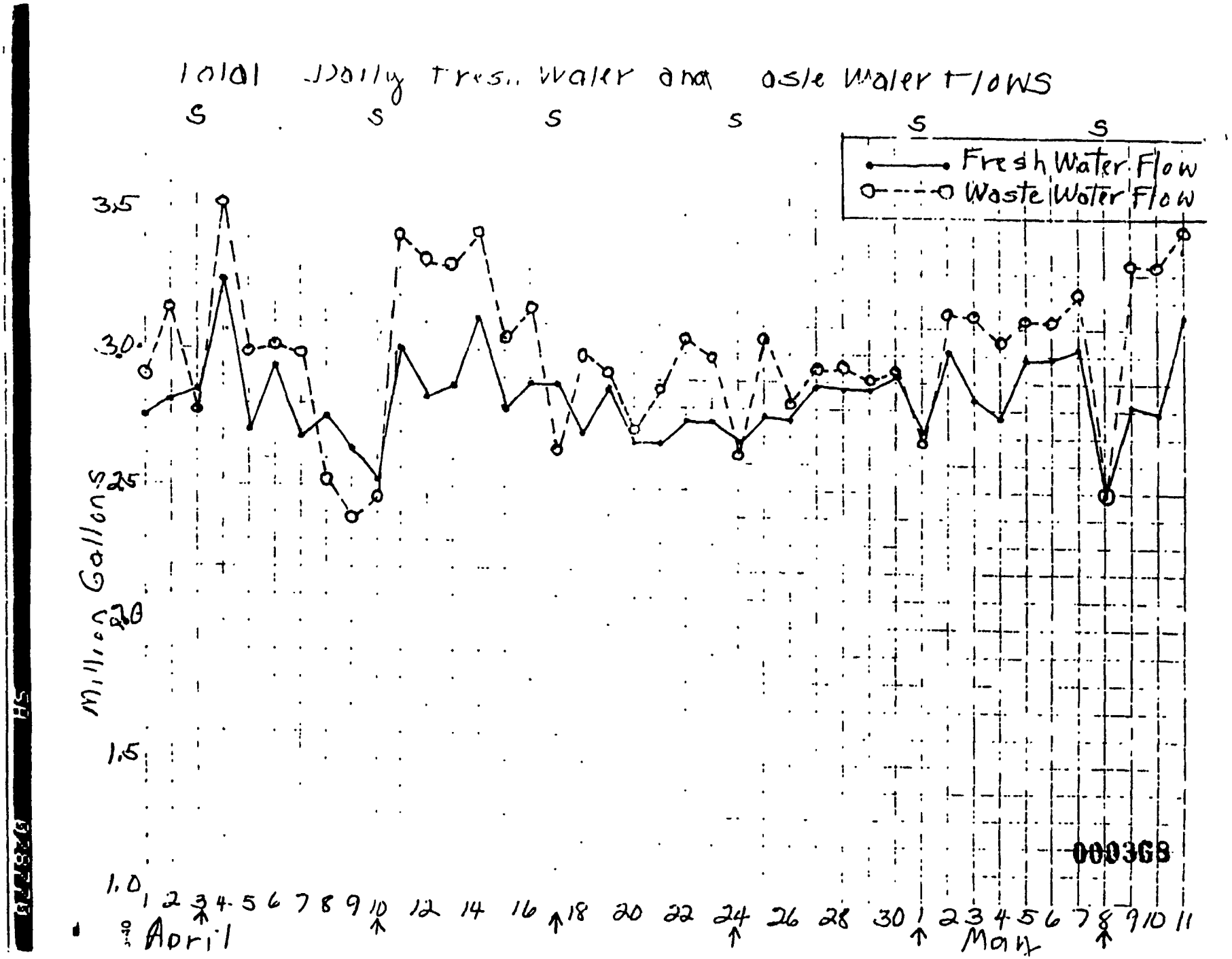
SA00028768

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 27 | 0.549 | 1.586 | 0.180 | 0.575 | 2.890 | 2.941 | 0.050 |
| 28 | 0.525 | 1.407 | 0.170 | 0730 | 2.832 | 2.954 | 0.122 |
| 29 | 0.688 | 1.520 | 0.186 | 0.474 | 2.865 | 2.901 | 0.036 |
| 30 | 0.738 | 1.432 | 0.193 | 0.550 | 2913 | 2.928 | 0.015 |
| May 1 S | 0.531 | 1.418 | 0.170 | 0.609 | 2.728 | 2.691 | -0.037 |
| 2 | 0.605 | 1.560 | 0.178 | 0.668 | 3.011 | 3.176 | 0.165 |
| 3 | 0.558 | 1.539 | 0.168 | 0.575 | 2.840 | 3.145 | 0.305 |
| 4 | 0.582 | 1.510 | 0.178 | 0.507 | 2.777 | 3.053 | 0.276 |
| 5 | 0.601 | 1.536 | 0.182 | 0.583 | 2.902 | 3.110 | 0.208 |
| 6 | 0.527 | 1.534 | 0.185 | 0.704 | 2.950 | 3.117 | 0.167 |
| 7 | 0.648 | 1.621 | 0.197 | 0.558 | 3.024 | 3.229 | 0.205 |
| 8 S | 0.582 | 1.321 | 0.182 | 0.412 | 2.497 | 2.497 | 0 |
| 9 | 0.647 | 1.403 | 0.190 | 0.583 | 2.823 | 3.337 | 0.514 |
| 10 | 0.672 | 1.457 | 0.180 | 0.490 | 2.799 | 3.219 | 0.420 |
| 11 | 0.914 | 1.389 | 0.175 | 0.666 | 3.144 | 3.463 | 0.319 |
| Tot. Flows | 24.58 | 60.985 | 7.609 | 22.582 | 115.766 | 122.722 | |
| Avg. Daily | 0.599 | 1.487 | 0.186 | 0.551 | 2.824 | 2.993 | |
| April Total | 17.713 | 44.697 | 5.624 | 16.227 | 84.270 | 88.685 | |
| April Avg | 0.590 | 1.489 | 0.187 | 0.541 | 2.809 | 2.956 | |
| May Total | 6.867 | 16.288 | 1.985 | 6.355 | 31.495 | 34.037 | |
| May Avg | 0.642 | 1.4807 | 0.181 | 0.577 | 2.863 | 3.094 | |

000367

SA 028769

SA00028770


Total Daily Fresh Water and Waste Water Flows
Fresh Water Flow
Waste Water Flow
Million Gallons
3.5
3.0
2.5
2.0
1.5
1.0
1 2 3 4 5 6 7 8 9 10 12 14 16 18 20 22 24 26 28 30 1 2 3 4 5 6 7 8 9 10 11
April
May
000368

COMMISSION

Report of Waste Surveys

at

St. Regis Paper Company
Kalamazoo, Michigan

Survey Periods: (24 hours for each)

July 20, 1955
July 21, 1955
July 22, 1955
July 23, 1955
July 24, 1955
July 25, 1955
July 26, 1955

Summary of Results

| te | 7-20 | 7-21 | 7-22 | 7-23 | 7-24 | 7-25 | 7-26 |
|---|---|---|---|---|---|---|---|
| ow, million gallons per day | 6.908 | 6.741 | 6.883 | 6.676 | 3.099 | 7.044 | 6.375 |
| oduction, tons | 196.21 | 174.53 | 171.35 | 173.32 | | 189.66 | 183.00 |
| Day B.O.D., pounds | 18,897 | 17,709 | 18,771 | 18,373 | 4,730 | 12,337 | 14,940 |
| Day B.O.D., pounds per ton paper | 96.31 | 101.46 | 109.54 | 106.00 | | 65.04 | 81.63 |
| tal Suspended Solids, pounds | 61,414 | 41,602 | 66,589 | 68,371 | 5,272 | 45,234 | 37,642 |
| tal Suspended Solids, pounds per ton paper | 313.00 | 238.36 | 388.61 | 394.47 | | 238.50 | 205.69 |
| tal Suspended Vol. Solids, pounds | 20,740 | 12,818 | 22,502 | 23,384 | 1,396 | 9,047 | 7,443 |
| tal Suspended Vol. Solids, pounds per ton paper | 105.70 | 73.44 | 131.32 | 134.92 | | 47.70 | 40.67 |
| llons Waste per ton paper | 35,207 | 38,624 | 40,169 | 38,518 | | 37,140 | 34,836 |
| opulation Equivalent | 11[illegible]5 | 106,041 | 112,401 | 110,017 | 28,323 | 73,874 | 89,461 |
| ettleable Solids Removal, per cent | [illegible].50 | 73.77 | 60.86 | [illegible]c.23 | 113.74 | 71.42 | 86.38 |
| hite Water Susp. Solids, pounds | 0.0 | 0.0 | 0.0 | [illegible]0 | 0.0 | 0.0 | 0.0 |
| hite Water Susp. Solids, pounds per ton paper. | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 |

Type of Mill Production

De-ink Mill

Mill Water Supply

Portage Creek above Allied Monarch Division augmented with city water. Creek water is filtered before it is used.

Waste Control

De-ink waste flows by gravity to the main pump house. White water is pumped from various collection points to the main pump house and then both de-ink waste

and white water are pumped to a 100 foot diameter sedimentation basin with a 12 foot sidewater depth. Effluent is discharged to Portage Creek. Sludge is discharged to a large lagoon.

Survey Procedure

Effluent from the sedimentation basin is discharged through a weir box. A recording head meter was installed at the weir to obtain a continuous daily record of the flow. Samples were taken of the flow at fifteen minute intervals by an automatic sampler and composited for each survey period.

An influent sample was obtained by continuously bleeding a small portion of the influent flow from the pump house discharge line through a small box equipped with an automatic sampler.

Survey Data:

Influent

| Date | 7-20 | 7-21 | 7-22 | 7-23 | 7-24 | 7-25 | 7-26 |
|---|---|---|---|---|---|---|---|
| 5-Day B.O.D., p.p.m. | 420 | 590 | 495 | 455 | 205 | 390 | 525 |
| Suspended Solids, p.p.m. | 1,888 | 1,944 | 2,124 | 2,040 | 1,048 | 1,880 | 2,104 |
| Suspended Vol. Solids, p.p.m. | 760 | 824 | 780 | 812 | 456 | 772 | 840 |
| 2-hour Settleable Solids, p.p.m. | 1,236 | 1,632 | 1,584 | 1,444 | 742 | 1,554 | 1,616 |
| pH | 7.2 | | 6.9 | 7.6 | 7.8 | | 7.0 |

Effluent

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5-Day B.O.D., p.p.m. | 328 | 315 | 327 | 330 | 183 | 210 | 281 |
| Suspended Solids, p.p.m. | 1066 | 740 | 1160 | 1228 | 204 | 770 | 708 |
| Suspended Vol. Solids, p.p.m. | 360 | 228 | 392 | 420 | 54 | 154 | 140 |
| pH | | 7.2 | 7.2 | 7.3 | 7.5 | 7.3 | 7.2 |
| Production, Tons | 196.21 | 174.53 | 171.35 | 173.32 | | 189.66 | 183.00 |
| Flow, million gallons per day | 6.908 | 6.741 | 6.883 | 6.676 | 3.099 | 7.044 | 6.375 |

Survey Calculations

Pounds of 5-Day B.O.D. to River

| | | | | | | INFLUENT (Raw) |
|---|---|---|---|---|---|---|
| 7-20 | 6.908 | x 8.34 | x 328 | = | 18,897 | 24,200 lbs./day |
| 7-21 | 6.741 | x 8.34 | x 315 | = | 17,709 | 33,160 |
| 7-22 | 6.883 | x 8.34 | x 327 | = | 18,771 | 28,400 |
| 7-23 | 6.676 | x 8.34 | x 330 | = | 18,373 | 25,310 |
| 7-24 | 3.099 | x 8.34 | x 183 | = | 4,730 | — |
| 7-25 | 7.044 | x 8.34 | x 210 | = | 12,337 | 22,800 |
| 7-26 | 6.375 | x 8.34 | x 281 | = | 14,940 | 27,900 |

Pounds of 5-Day B.O.D. per ton of paper

| | | | |
|---|---|---|---|
| 7-20 | 18,897 | / 196.21 | = 96.31 |
| 7-21 | 17,709 | / 174.53 | = 101.46 |

| | | | |
|---|---|---|---|
| 7-22 | 18,771 / 171.35 = | 109.54 |
| 7-23 | 18,373 / 173.32 = | 106.00 |
| 7-25 | 12,337 / 189.66 = | 65.04 |
| 7-26 | 14,940 / 183.00 = | 81.63 |

Population Equivalent

| | | |
|---|---|---|
| 7-20 | 18,897 / 0.167 = | 113,155 |
| 7-21 | 17,709 / 0.167 = | 106,041 |
| 7-22 | 18,771 / 0.167 = | 112,401 |
| 7-23 | 18,373 / 0.167 = | 110,017 |
| 7-24 | 4,730 / 0.167 = | 28,323 |
| 7-25 | 12,337 / 0.167 = | 73,874 |
| 7-26 | 14,940 / 0.167 = | 89,461 |

Total Pounds of Suspended Solids to River

| | | | | | | |
|---|---|---|---|---|---|---|
| 7-20 | 6.908 | x 8.34 | x | 1066 | = | 61,414 |
| 7-21 | 6.741 | x 8.34 | x | 740 | = | 41,602 |
| 7-22 | 6.883 | x 8.34 | x | 1160 | = | 66,589 |
| 7-23 | 6.676 | x 8.34 | x | 1228 | = | 68,371 |
| 7-24 | 3.099 | x 8.34 | x | 204 | = | 5,272 |
| 7-25 | 7.044 | x 8.34 | x | 770 | = | 45,234 |
| 7-26 | 6.375 | x 8.34 | x | 708 | = | 37,642 |

Total Pounds of Suspended Solids per ton paper

| | | |
|---|---|---|
| 7-20 | 61,414 / 196.21 = | 313.00 |
| 7-21 | 41,602 / 174.53 = | 238.36 |
| 7-22 | 66,589 / 171.35 = | 388.61 |
| 7-23 | 68,371 / 173.32 = | 394.47 |
| 7-25 | 45,234 / 189.66 = | 238.50 |
| 7-26 | 37,642 / 183.00 = | 205.69 |

Total Pounds of Suspended Volatile Solids to River

| | | | | | | |
|---|---|---|---|---|---|---|
| 7-20 | 6.908 | x 8.34 | x | 360 | = | 20,740 |
| 7-21 | 6.741 | x 8.34 | x | 228 | = | 12,818 |
| 7-22 | 6.883 | x 8.34 | x | 392 | = | 22,502 |
| 7-23 | 6.676 | x 8.34 | x | 420 | = | 23,384 |
| 7-24 | 3.099 | x 8.34 | x | 54 | = | 1,396 |
| 7-25 | 7.044 | x 8.34 | x | 154 | = | 9,047 |
| 7-26 | 6.375 | x 8.34 | x | 140 | = | 7,443 |

Total Pounds of Suspended Volatile Solids per ton of paper

| | | |
|---|---|---|
| 7-20 | 20,740 / 196.21 = | 105.70 |
| 7-21 | 12,818 / 174.53 = | 73.44 |
| 7-22 | 22,502 / 171.35 = | 131.32 |
| 7-23 | 23,384 / 173.32 = | 134.92 |
| 7-25 | 9,047 / 189.66 = | 47.70 |
| 7-26 | 7,443 / 183.00 = | 40.67 |

Gallons of Waste per ton of paper

| | | |
|---|---|---|
| 7-20 | 6,908,000 / 196.21 = | 35,207 |
| 7-21 | 6,741,000 / 174.53 = | 38,624 |
| 7-22 | 6,883,000 / 171.35 = | 40,169 |

| | | |
|---|---|---|
| 7-23 | 6,676,000 / 173.32 = | 38,518 |
| 7-25 | 7,044,000 / 189.66 = | 37,140 |
| 7-26 | 6,375,000 / 183.00 = | 34,836 |

**Treatment Plant Efficiency**

B.O.D. Removal

| | | |
|---|---|---|
| 7-20 | (420 - 328) x 100 / 420 = | 21.90% |
| 7-21 | (590 - 315) x 100 / 590 = | 46.61% |
| 7-22 | (495 - 327) x 100 / 495 = | 33.93% |
| 7-23 | (455 - 330) x 100 / 455 = | 27.47% |
| 7-24 | (205 - 183) x 100 / 205 = | 10.73% |
| 7-25 | (390 - 210) x 100 / 390 = | 46.15% |
| 7-26 | (525 - 281) x 100 / 525 = | 46.47% |

Suspended Solids Removal

| | | |
|---|---|---|
| 7-20 | (1888 - 1066) x 100 / 1888 = | 43.54% |
| 7-21 | (1944 - 740 ) x 100 / 1944 = | 61.93% |
| 7-22 | (2124 - 1160) x 100 / 2124 = | 45.39% |
| 7-23 | (2040 - 1228) x 100 / 2040 = | 39.80% |
| 7-24 | (1048 - 204 ) x 100 / 1048 = | 80.53% |
| 7-25 | (1880 - 770 ) x 100 / 1880 = | 59.04% |
| 7-26 | (2104 - 708 ) x 100 / 2104 = | 66.35% |

Suspended Volatile Solids Removal

| | | |
|---|---|---|
| 7-20 | (760 - 360) x 100 / 760 = | 52.63% |
| 7-21 | (824 - 228) x 100 / 824 = | 72.33% |
| 7-22 | (780 - 392) x 100 / 780 = | 49.74% |
| 7-23 | (812 - 420) x 100 / 812 = | 48.27% |
| 7-24 | (456 - 54 ) x 100 / 456 = | 88.15% |
| 7-25 | (772 - 154) x 100 / 772 = | 80.05% |
| 7-26 | (840 - 140) x 100 / 840 = | 83.33% |

Settleable Solids Removal

| | | |
|---|---|---|
| 7-20 | (1888 - 1066) x 100 / 1236 = | 66.50% |
| 7-21 | (1944 - 740 ) x 100 / 1632 = | 73.77% |
| 7-22 | (2124 - 1160) x 100 / 1584 = | 60.86% |
| 7-23 | (2040 - 1228) x 100 / 1444 = | 56.23% |
| 7-24 | (1048 - 204 ) x 100 / 742 = | 113.74% |
| 7-25 | (1880 - 770 ) x 100 / 1554 = | 71.42% |
| 7-26 | (2104 - 708 ) x 100 / 1616 = | 86.38% |

Remarks

On the 7-20 survey and again during the 7-25 survey the by-pass sewer from the pump house was discharging untreated waste to Portage Creek even though all three pumps were in operation. This condition was again observed on August 24. From the flow charts obtained at the effluent weir it is possible to pick off the flows with one, two, and three pumps in operation. The discharge over the weir with one pump in operation is approximately 2,900 gallons per minute, with two

pumps 4,250 gallons per minute and with three pumps 5,000 gallons per minute.

According to a letter of October 19, 1953, the clarifier is 100 feet in diameter and has a sidewater depth of 12 feet. The three pumps in the main pump house are each of 3,000 gallons per minute capacity.

The following is the theoretical detention time in the clarifier for the average daily flow on each of the survey dates:

| | |
|---|---|
| 7-20 | 2.44 hours |
| 7-21 | 2.51 hours |
| 7-22 | 2.45 hours |
| 7-23 | 2.53 hours |
| 7-24 | 5.45 hours |
| 7-25 | 2.40 hours |
| 7-26 | 2.65 hours |

Survey written and supervised by
Ralph W. Purdy

Field Work by
H. Liechti

Chemical Analyses by
R. Krueger

# Report of Survey

## ALLIED PAPER CORPORATION - BRYANT MILL
## Kalamazoo, Michigan

**Survey Periods:** - ( 24 hours each)

#1 - May 27 & 28, 1957, 8 a.m. to 8 a.m.
#2 - May 28 & 29, 1957, 8 a.m. to 8 a.m.

**Summary of Results:**

| | #1 | | #2 | |
|---|---|---|---|---|
| Flow, million gal. per day | 5.36 | 5.17 | 5.81 | 5.68 |
| Production, tons | 150.45 | — | 186.31 | — |
| 5 Day B.O.D., lbs. | 7,823 | 7,140 | 16,959 | 19,750 |
| 5 Day B.O.D., lbs. per ton paper | 52 | 47 | 91 | 106 |
| Susp. Solids, lbs. | 21,234 | 17,200 | 48,455 | 44,600 |
| Susp. Solids, lbs. per ton paper | 141 | 114 | 260 | 239 |
| Susp. Volatile Solids, lbs. | 6,034 | 6,050 | 17,202 | 17,050 |
| Susp. Volatile Solids, lbs. per ton paper | 40 | 40 | 92 | 92 |
| 2 Hr. Settleable Solids, % removal | 86 | — | 73 | — |
| Population Equivalent | 46,844 | 42,800 | 101,551 | 119,000 |
| pH | 7.4 | 7.9 | 7.9 | 8.2 |

**Type of Production:** De-ink Mill

**Mill Water Supply:** Portage Creek water from above Allied Monarch Division augmented with city water.

**Waste Treatment:** See Report of Survey St. Regis Paper Company, July 20-26, 1955, by R.W. Purdy.

**Survey Procedure:** Twenty-four hour composite samples and charts of flow were obtained from the Allied Corp. sampling and recording equipment.

**Survey Data:**

| | #1 | | #2 | |
|---|---|---|---|---|
| Flow, M.G.D. | 5.36 | 5.17 | 5.81 | 5.68 |
| Production, tons | 150.45 | — | 186.31 | — |
| **Influent:** | | | | |
| 5 Day B.O.D., ppm | 370 | 445 | 480 | 457 |
| Susp. Solids, ppm | 1720 | 1643 | 2300 | 2180 |
| Susp. Volatile Solids, ppm | 820 | 803 | 1000 | 960 |
| 2 Hr. Settleable Solids | 1440 | — | 1780 | — |
| pH | 7.3 | 8.1 | 7.1 | 7.4 |
| **Effluent:** | | | | |
| 5 Day B.O.D., ppm | 175 | 165 | 350 | 416 |
| Suspended Solids, ppm | 475 | 401 | 1000 | 940 |
| Suspended Volatile Solids, ppm | 135 | 141 | 355 | 360 |
| ~~2 Hr. Settleable Solids, ppm~~ | ~~123~~ | — | ~~500~~ | — |
| pH | 7.4 | 7.9 | 7.9 | 8.2 |

Net BOD Removal 57.7%

Net BOD Removal 77.1

Calculations:

Pounds of 5 day B.O.D. to River
#1 - 8.34 x 5.36 x 175 = 7,823 lbs.
#2 - 8.34 x 5.81 x 350 = 16,959 lbs.

Pounds of 5 Day B.O.D. per ton of paper
#1 - 7,823/150.45 = 52 lbs.
#2 - 16,959/186.31 = 91 lbs.

Population equivalent
#1 - 7,823/.167 = 46,844 persons
#2 - 16,959/.167 = 101,551 persons

% Removal 5 day B.O.D.
#1 - 195/370 = 53 percent
#2 - 130/480 = 27 percent

Pounds of suspended solids to River
#1 - 8.34 x 5.36 x 475 = 21,234 lbs.
#2 - 8.34 x 5.81 x 1000 = 48,455 lbs.

Pounds of Susp. Solids per ton of paper
#1 - 21,234/150.45 = 141 lbs.
#2 - 48,455/186.31 = 260 lbs.

Percent removal Suspended Solids
#1 - 1245/1720 = 72 percent
#2 - 1300/2300 = 57 percent

Pounds of Susp. Volatile Solids to River
#1 - 8.34 x 5.36 x 135 = 6,035 lbs.
#2 - 8.34 x 5.81 x 355 = 17,202 lbs.

Pounds of Susp. Volatile Solids per ton of paper
#1 - 6,035/150.45 = 40 lbs.
#2 - 17,202/186.31 = 92 lbs.

Percent Removal of Susp. Volatile Solids
#1 - 685/820 = 84 percent
#2 - 645/1000 = 65 percent

Percent Removal of 2 Hr. Settleable Solids
#1 - 1243/1440 = 86 percent
#2 - 1300/1780 = 73 percent

Remarks: Practically all of the de-ink waste was going to the treatment plant at the time of the survey.

Survey and report by: E. Shannon
Chemical Analysis by: R. Krueger
Supervised by: R. Purdy

[illegible] PAPER CORPORATION
KALAMAZOO, MICHIGAN

June 5, 1957

To: W. A. Kirkpatrick

From: W. E. Kendrick

SUBJECT: Results of tests on King and Bryant waste treatment tanks during check by WRC, and a comparison of our method of suspended solids determination with the WRC method.

Results: With regards to suspended solids, both mills seem to be within the allowable limits, but above on the BOD limits. The one low BOD recorded at Bryant can probably be attributed to the fact that it was a Monday test and the pulp mill was down at least a third of the day.

As can be seen in the table, the gooch crucible and fiberglass filter discs method (used by the WRC) gives higher results than our own method of using filter paper and buchner funnel.

Procedure: During the two day period all samples were picked up by me and then picked up from me by the state man at the end of thetwo days.

The gooch crucible method was run by Tony Palladino while I ran our regular tests. The analytical balance was used for weighing the gooch samples. A 25 ml. sample was used in the gooch method and a 500 ml. sample in our regular method.

Data: It can be expected that the WRC results will be more closely in line with the gooch crucible results.

9-7-77

MICHIGAN DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION BUREAU
POINT SOURCE STUDIES SECTION

Report of an
Industrial Wastewater Survey
Conducted at
ALLIED PAPER, INC.
All Outfalls No. 390222
Kalamazoo County
Kalamazoo, Michigan
July 18-19, 1977

## Survey Summary

Wastewater monitoring was performed during one twenty-four hour survey period starting Monday, July 18, 1977.

The results of this survey did not meet the final limitations in the facility's National Pollutant Discharge Elimination System (NPDES) Permit, No. MI0000779. The $BOD_5$ loading from outfall 390006 (002) was from 11 percent to 23 percent over limitations specified in the permit (Table 3).

Comparison of the results from the composite sample split between the company and the Environmental Protection Bureau (EPB) Laboratory show EPB concentrations higher for all parameters measured, except for settleable solids on outfall 002 (Table 4).

Comparison of the results of this survey with the survey performed on August 16-18, 1976 show that flow has decreased and TOC has increased slightly. (Table 5)

Underdrainage of the sludge disposal area, which is not covered in the permit, continues to discharge into Portage Creek (Table 1).

## Survey Comments

Samples were collected from the Bryant clarifier discharge to the City of Kalamazoo sanitary sewer system (Table 1).

## Purpose of Survey

The purpose of the survey was to determine the quality and quantity of wastewater being discharged by Allied Paper, Inc., to Portage Creek and to check for compliance with the NPDES Permit No. MI0000779.

000316

Plant Processes

Allied Paper, Inc. operates two mills in Kalamazoo. The Monarch Mill utilizes two Fourdrinier paper machines to produce bible paper and carbon tissue for "one time" carbon paper. The Bryant Mill also produces bible paper and other specialty papers using five Fourdrinier paper machines. All the machines were in operation during the survey (Figure 1).

Under normal production 275 tons of paper products can be produced a day. Pulp utilized at both mills has previously been treated in the Kraft process at other locations.

Both mills together employ approximately 475 people. The mills operate on a 5 or 6 day a week schedule depending on demand. The week previous to the survey the mills operated for 6 days. Production when the mills are operating is 24 hours a day.

Water, Wastewater & Treatment

Process water used at both the Monarch and Bryant Mills is obtained from Portage Creek. Water for the Monarch Mill is obtained upstream from the Monarch Dam and water for the Bryant Mill is obtained across from Cork Street. Water for both mills is passed through sand filters prior to its use.

Wastewater generated at both mills is treated as depicted in Figure 2. Wastewater received at the 110-foot circular Bryant clarifier originates from the excess white water and from the zeolite and lime soda ash softening process used for boiler feed water. Treatment provided at the Bryant clarifier consists of settling with the effluent going to either the City of Kalamazoo treatment system or the Monarch clarifier. The split of the flow depends on how much additional loading can be placed on the Monarch clarifier without exceeding its discharge limitations into Portage Creek.

Wastewater loadings on the 90-foot circular Monarch clarifier, in addition to the flows from the Bryant clarifier, are excess white water and zeolite waste from the boiler feed water system. Alum and a coagulation agent are added in the Monarch clarifier to increase settling characteristics. The effluent from the clarifier discharges to Portage Creek through outfall 390006 (002).

Sludge from both clarifiers is disposed of on plant property across Portage Creek from the Monarch clarifier. The sand filter backwash from the Bryant Mill is discharged directly to Portage Creek. This discharge is not covered in the NPDES Permit.

Potable water for both mills is obtained from the City of Kalamazoo. Domestic wastewater is discharged into the city's treatment system.

Underdrainage from the sludge disposal area was observed being discharged into Portage Creek upstream from the Bryant Mill intake. Flow during the survey was monitored and results of samples collected are included in Table 1.

Survey Procedures

The flows and composite samples were obtained as follows:

| Outfall | Flow Measurement | Sampling |
|---|---|---|
| 390006 (002) | 49" full channel weir - company installed. Stevens flow recorder. | Automatic air activated. |
| Sludge Leachate | 60° v-notch weir - staff installed. Stevens flow recorder. | Automatic scoop type. |
| Bryant Mill discharge to City | 46-3/4" rectangular weir w/end contractions - company installed. Stevens Flow Recorder. | Automatic air activated. |

The water level recorders at 002, sludge leachate and at the Bryant Mill discharge to the city sewer provided a continuous account of the liquid level or head above the crest of each weir on a head versus time graph for the duration of the survey period. The total volume of wastewater over each weir during the survey period was computed from the graph.

The samplers at the sludge leachate obtained samples proportional to the instantaneous flow over the weir at a timed interval.

Individual grab samples were collected from each of the three outfalls for selected physical and chemical analyses.

The following formula was used to compute the kilograms per day of various wastewater constituents discharged: kg/day = flow ($M^3/d$) x conc. (mg/l) x 0.001.

The composite and grab samples were analyzed by the Environmental Protection Bureau Laboratories located in Lansing.

All samples were preserved according to Table 6. The results of the physical and chemical analyses are presented in Tables 1 & 2.

## Allied Paper, Inc.

Table 1 Analyses of composite samples.

| Outfalls | 390006 (002) | | Sludge Leachate | | Bryant Mill Clarifier to City Sewer | |
|---|---|---|---|---|---|---|
| Survey Period From | 7-18-77 - 1150 | | 7-18-77 - 1225 | | 7-18-77 - 1240 | |
| To | 7-19-77 - 1150 | | 7-19-77 - 1225 | | 7-19-77 - 1240 | |
| Computed flow rate* ($M^3$/day) | 11,500 | | 74 | | 8,800 | |
| Highest flow rate ($M^3$/day) | 20,700 @ 2315 | | 130 @ 2330 | | 16,400 @ 2258 | |
| Lowest flow rate ($M^3$/day) | 7,300 @ 0608 | | 44 @ 1612 | | 450 @ 0344 | |
| | mg/l | kg/day | mg/l | kg/day | mg/l | kg/day |
| 5-day BOD | 19 | 220 | < 5 | -- | 100 | 880 |
| COD | 22 | 250 | 13 | 0.96 | 52 | 460 |
| T.O.C. | 12 | 140 | -- | -- | -- | -- |
| Color (C.U.) | 7 | -- | 11 | -- | 21 | -- |
| Turbidity (F.T.U.) | 17 | -- | 17 | -- | 290 | -- |
| Suspended solids | 7 | 80 | 32 | 2.4 | 69 | 610 |
| Dissolved solids | 470 | 5,400 | 420 | 31 | 580 | 5,100 |
| Settleable solids | -- | -- | 29 | 2.1 | 26 | 230 |
| Phenols | < 0.00001 | -- | 0.00003 | 0.000002 | 0.00004 | 0.0004 |
| | ug/l | | ug/l | | ug/l | |
| PCB 1242 | < 0.1 | -- | < 0.1 | -- | < 0.1 | -- |
| PCB 1254 | < 0.1 | -- | < 0.1 | -- | < 0.1 | -- |
| PCB 1260 | < 0.1 | -- | < 0.1 | -- | < 0.1 | -- |

* Flow rates used in the computation of kg/day.
To obtain MGD multiply $M^3$/day by 0.000264
To obtain lbs/day multiply kg/day by 2.2046

SH 079943

## Allied Paper, Inc.

Table 2 Analyses of grab samples.

| Date | Time | Temp.[1] °C | pH[1] S.U. | Oil & Grease mg/l | BOD mg/l | Suspended solids mg/l | Settleable solids mg/l | D.O. mg/l |
|---|---|---|---|---|---|---|---|---|
| 390006 | | | | | | | | |
| 7-18-77 | 2145 | 32 | 6.6 | 3 | 13 | 15 | -- | 5.4 |
| 7-19-77 | 0710 | 31 | 6.9 | 2.5 | 15 | 4 | -- | 5.6 |
| Sludge Leachate | | | | | | | | |
| 7-18-77 | 2200 | 17 | 7.3 | -- | < 5 | 12 | -- | -- |
| 7-19-77 | 0750 | 16 | 7.4 | -- | < 5 | 7 | -- | -- |
| Bryant Discharge to City | | | | | | | | |
| 7-18-77 | 2230 | 33 | 6.7 | -- | 120 | 78 | 25 | -- |
| 7-19-77 | 0800 | 35.5 | 6.8 | -- | 140 | 74 | 5 | -- |

1 - Values determined in the field at time of sampling.

Table 3 Comparison of survey results with the facility's NPDES Permit and monthly operating report.

| Parameter (Unit) | NPDES Permit Final Limitations | | July Monthly Operating Report | | | | Survey Results[1] | |
|---|---|---|---|---|---|---|---|---|
| | Daily Average | Daily Maximum | Monthly Average | Monthly Maximum | 7-18-77 | 7-19-77 | | |
| 390006 (002) | | | | | | | min. | max. |
| Flow ($M^3$/day) | -- | -- | 9,710 | 17,195 | 10,708 | 8,941 | 11,500* | (10,400, 12,300) |
| $BOD_5$ (kg/day) | -- | 177 | 138 | 334 | 64 | 79 | 220 | (200, 230) |
| (mg/l) | -- | -- | -- | -- | -- | -- | 19 | (13, 15) |
| Total susp. sol. (kg/day) | -- | 230 | 127 | 380 | 21 | 170 | 80 | |
| (mg/l) | -- | -- | -- | -- | -- | -- | 7 | (15, 4) |
| Settleable solids (kg/day) | -- | -- | -- | -- | -- | -- | -- | |
| (mg/l) | -- | -- | 0.04 | 0.05 | 0.05 | 0.05 | -- | |
| Oil & Grease (mg/l) | -- | -- | -- | -- | -- | -- | (3, 2.5) | |
| pH (S.U.) | not <6.5 nor >9.5 | | -- | 7.4 min. 6.5 | 6.9 | 6.8 | (6.6, 6.9) | |

* Company reports flows for the same time span as 10,400 $M^3$/day.

1 - Survey results are for the composite sample. Grab sample ranges are shown in parantheses ( ).
To obtain MGD multiply $M^3$/day by 0.000264 To obtain lbs/day multiply kg/day by 2.2046



SH 029949

Table 4 Comparison of the laboratory analytical results obtained by the Allied Paper, Inc. and the Environmental Protection Bureau from the split composite samples.

| Outfall | 390006 (002) | | Sludge | | Bryant Mill Discharge to City | |
|---|---|---|---|---|---|---|
| | E.P.B. mg/l | Allied Paper mg/l | E.P.B. mg/l | Allied Paper mg/l | E.P.B. mg/l | Allied Paper mg/l |
| 5-day BOD | 19 | 7.6 | < 5 | -- | 100 | 62 |
| Suspended solids | 7 | 2.0 | 32 | 18.0 | 69 | 42 |
| Settleable solids | -- | 0 * | 29 | 0.05 * | 26 | 0.05 * |

* Values reported as ml/l.

Table 5 Comparison of the previous survey results with the results obtained in this survey at Allied Paper, Inc.

| Outfall | 390006 | | 390006 | | 390006 | |
|---|---|---|---|---|---|---|
| Survey Date From | 8-16-76 - 1300 | | 8-17-76 - 1335 | | 7-18-77 - 1150 | |
| To | 8-17-76 - 1330 | | 8-18-76 - 1335 | | 7-19-77 - 1150 | |
| Flow Rate ($M^3$/day) | 13,800 | | 16,200 | | 11,500 | |
| | mg/l | kg/day | mg/l | kg/day | mg/l | kg/day |
| 5-day BOD | 14 | 200 | 17 | 270 | 19 | 220 |
| COD | 20 | 270 | 21 | 340 | 22 | 250 |
| T.O.C. | 8.7 | 120 | 9.7 | 160 | 12 | 140 |
| Suspended solids | 6 | 90 | 2 | 32 | 7 | 80 |
| Dissolved solids | 468 | 6,450 | 448 | 7,260 | 470 | 5,400 |
| Phenols | 0.68 | 8.2 | 0.45 | 7.3 | < 0.00001 | -- |

SH 029950

Table 6 Sample Preservation

| Parameter | Preservative |
|---|---|
| COD & TOC | 10 drops $H_2SO_4$/250 ml (to pH <2). |
| D.O. | Fixed on site. |
| Oil & Grease | 1 ml 1:1 $H_2SO_4$/250 ml (to pH <4). |
| Phenolics | 2 ml 10% $CuSO_4$ + $H_3PO_4$ (to pH 4)/250 ml. |

All samples cooled to 4°C upon collection.

Survey by: Gary Boersen, Sanitary Engineer
Larry Elmleaf, Water Quality Investigator
Richard Irvin, General Foreman

Contact with Management: U.G. Stoeffler

Hydrocarbon Analyses by: Tom Wilcox, Chemist

Physical & Chemical Analyses by: Ray Wimmer, Chemist

Report by: Gary Boersen
Larry Elmleaf
Point Source Studies Section
Environmental Services Division
Environmental Protection Bureau
Michigan Department of Natural Resources

Distribution "A"
MM

PROCESS WATER SYSTEMS

Presented to Allied Supervisory Meeting - August 16, 1983

INTRODUCTION:

The paper industry by the very nature of its process of manufacture uses a lot of water. When you use great quantities of water you also discharge large amounts of water. In the earlier days the paper industry, and other industries also, did not show enough concern in the treatment of its discharges. However, for more than 30 years Allied Paper has been concerned with its waste flows having installed its first clarifier at Monarch in 1951. During the ensuing years the Research and Development Department has been responsible for the operation of waste treatment facilities and has carried out all the research and development on waste treatment projects. For over 20 years I have been heavily involved with Allied's waste water treatment systems. Over the last few years we have also become involved with our landfill operation and licensing. In 1979 we presented to this group a survey of our waste treatment operations at the that time. Today I will quickly review that data and bring you up to date on the total picture of our process water system. A system that takes water from Portage Creek through the Manufacturing process, through the treatment process and back to Portage Creek. We have always enjoyed top management support in projects to improve our waste water facilities and we thank Ernie Klimczak and Ton Flanagan for their leadership. We especially appreciate the help from Dave Kirk, Dick Eaton, Martin Smith and Andy Watson. The men who really do the hands on work are John Roth, full time operator and tester in the system and John Stiegemeyer, who is back-up operator and subs for John Roth on some weekends and Holidays. Either of these men are on duty 365 days of the year. A State of Michigan law requires that every industrial waste water treatment facility have at least one certified operator. Allied has five such operators in the B-2A classification (chemical coagulation and clarification) Roth, Stiegemeyer, Smith, Hagard and myself. Certification is given upon passing

STORAGE

a written examination and has to be reviewed every five years.

## DEFINITIONS

Before we get into a description of our waste treatment facilities, it is advisable to define some terms that are commonly associated with this field and are necessary to understand the functions we will describe.

### PS 92-500

PS 92-500-Federal Water Pollution Control Act Amendments of 1972 (October) are the most complicated piece of legislation ever passed. There are diverse sections of this law covering many areas of pollution control. This law has been amended as per recommendations from the Water Quality Commission chaired by former Vice President Rockefeller.

### N.P.D.E.S. PERMIT

National Pollutant Discharge Elimination System. Anyone discharging into a navigable stream or its tributary is required to have a N.P.D.E.S. permit for each discharge. The U. S. Environmental Protection Agency has granted Michigan's Department of Natural Resources (DNR) the authority to issue these N.P.D.E.S. permits in Michigan.

### B.O.D.

Biochemical Oxygen Demand. A measure of the amount of oxygen consumed in Biological Processes that break down organic matter in water. A measure of the organic pollutant load. A hunger quantity.

### D.O.

Dissolved oxygen freely available in water and necessary for aquatic life and the oxidation of organic materials.

P.P.M.

Parts per million or milligrams per liter - Units used to express the strength of B.O.D., D.O. or other pollutants. To understand how minute is a ppm, a Layman's description is a jigger of Vermouth in a railroad tank car of gin. Strengths of heavy metals are usually expressed as P.P.B. - parts per billion (1.5 inches as compared with the circumference of the earth). Part per trillion - 1 second/320 centuries or 1¢/$10,000,000,000 (for government people) 1 with 12 years.

INFLUENT-EFFLUENT

Substance or flow into and from a treatment plant.

T.O.C.

Total organic carbon a parameter that also expresses organic pollutant load.

SLUDGE

The solids removed from waste water by sedimentation - clarifier underflow, usually at 5 - 8% solids.

SUSPENDED SOLIDS

The small particles of solid pollutants (in our case cellulosic materials and pigments) in waste water that resist sedimentation by conventional means.

TURBIDITY

Expressed as J.T.U. (Jackson Turbidity Units) is materials suspended in water to disturb the penetration of light opposite of clarity.

DROUGHT FLOW

Hydrologists estimate of the low flow that may occur for seven days every 10 years. All D.O. water quantity standards are based on the brought flow.

C.F.S.

Cubic feet per second measurement of low in a stream. Portage Creek has a calculated drought flow of 29.3 C.F.S.

TOXIC POLLUTANT

A pollutant or combination of pollutants which either directly or indirectly cause death, disease, cancer, genetic mutations, physiological malfunctions and physical deformities.

M.G.D.

Million Gallons per day.

HISTORY

In the late forties, the paper industry banded together form the National Council for Stream Improvement for the Pulp and Paper Industry. (Later expanded to Air & Stream Improvement). The only research organization dealing with pollution, totally supported by an industry. A NCASI regional office and laboratory is maintained at W.M.U. Early pilot work by the NCASI at Plainwell Paper Company provided the design citeria and performance data for primary clarification of paper mill waste.

You must remember that during this time Allied Comprised the Monarch and King Mills and each had large deinking operations, which contributed greatly to both the BOD and suspended solids content of the clarifier effluent.

In 1951, Allied Paper (as were all the paper mills in the Kalamazoo Valley) was placed under orders of determination by the Michigan Department of Natural Resources for suspended solids limitation in its effluent. To meet these limitations, Allied built and put into service Dorr Clarifiers for primary treatment at

Monarch in 1951, capacity 650,000 gals,at King Mill in 1953, capacity 850,000 gals. (St. Regis which owned Bryant Mill at that time, installed the Bryant Clarifier in 1952).

I must point out that Allied and the other mills in the valley operated their clarifiers before the then "debt free" City of Kalamazoo built primary treatment facilities for municipal wastes.

In 1961 the DNR established B.O.D. limitations for Allied Paper Mills of 48,000/day. Subsequent BOD effluent limitations for Allied Paper - Kalamazoo operation - ranged from 14,490 #/set June 1, 1966 to 1205 #/day in December, 1974. The present effluent limitations as specified in our N.P.F.R.S permit, are 385#BOD/Day maximum, from May 15th to October 15th and for the period October 15th to May 15th the B.O.D. and suspended solids limitations are slightly higher because of lower temperatures in the creek. These limitations are based on the strem assimilation capacity of Portage Creek at the 10 year - 7 day low drought flow of 29.3 c.f.s. to insure water quality of 4.0 ppm of D.O.

To emphasize the magnitude of the job Allied Paper has done in pollution abatement over the years let me throw some more numbers at you. Suspended solids in #/day have been reduced from 156,500 # in 1961 to 40,000# in 1965, to 3,900 # in 1968 to 164# for the last 7 months for an average overall reduction of 99.9%. B.O.D is #/day has been reduced from 48,700# in 1961 to 27,000# in 1965 to 10,250 in 1968 to 440# in the last 7 months for an overall reduction of 99.1%. Waste water flow in M.G.D. has been reduced from 13.2 in 1961 to 9.93 in 1965 to 8.19 in 1968 to 2.883 for the first seven months of 1983. These reductions were accomplished by various means.Of major significance was the shutting down our three deinking operations. A primary reason for eliminating these operations was the cost of additional waste treatment facilities. The high B.O.D strength effluent from Mill A (Bryant's deinking Mill) was clarified in the Bryant Clarifier and discharged to a 36" city

sewer line. At that time the charge was $317 per million gallons - today's cost is $719 per million gallons. Internal mill changes were also made to conserve and recycle fresh water and white water. In those days all fresh water from Portage Creek was filtered through eight Hungerford and Terry gravity down sand filters. The backwash water from the filters was pumped into the waste water stream.

PRESENT SYSTEM

Before we show some slides of the present process water and waste water systems, we will briefly tell you how the waste water system evolved. After we were appraised in 1975 by the Michigan Department of Natural Resources (M.D.N.R.) of the stringent B.O.D. and suspended solids limitations to take effect July 1, 1977, we conducted several treatment research projects. The results of these studies clearly indicated the need of a new method to determine the B.O.D. strength of our clarifier effluent flow going to Portage Creek. The B.O.D. procedure takes 5 days of incubation and therefore, was unacceptable as a method of controlling our discharge within the projected constraints of B.O.D. limitations.

Fortunately, about this time we heard about new in-line total organic carbon analyses or Monitors. Further investigation indicated that one manufacturer - Dohrmann - of such TOC Analysers had the capability of interfacing their instrument to a minicomputer. Research at this time also showed that our waste water effluent had a nearly one to one ratio of B.O.D. to T.O.C. So now we had a system that could provide rapid monitoring of the effluent stream strength and the computer control to meet our discharge limitation of 385# B.O.D. 1 day maximum. This system was subsequently approved by the M.D.N.R. with the condition that we continue to make daily BOD determinations on composited samples. The system was completed and on stream by the July 1, 1977 deadline at a total cost os $230,000.

SLIDES (Photography credits to Martin Smith)

1. Portage Creek flows into an impoumment called Monarch Mill Pond.

2. Cork Street pump hourse and process water inlet. The tnak truck is used to pump lime slurry on sludge drying lagoons for pH and oder control.

3. Vegetation covering the former Bryant Mill Pond (another P.C. impoundment). In the background is the grey tank, a waste water surge tank.

4. Alcott street dam - because of its construction it serves as a flood control device during high creek flow due to heavy rains.

5. Portage Creek looking North from Bryant Street, showing the Garage or Mill D pump house.

6. Portage Creek looking South from Reed Street. The small brick building on the right is a U.S.G.S. Gaging Station. Here the temperature and flow of Portage Creek is measured at regular intergals, recorded on tape and a digital signal is available for future use. Maintained by U. S. G. S out of Okemos and costs are split between Allied and U.S.G.S. (gaging stations 1065).

7. Grey tank

8. Bryant Clarifier - all waste water is pumped to the clarifier. Effluent flow on North side goes to City and on South side to Monarch clarifier.

9. Monarch Calrifier - waste water effluent from Bryant through 16" polyethylene pipe for 1100 feet and 22 ft. drop.

10. Stainless steel stilling well in Monarch Calrifier pump house decreases flow velocity before Parshall flume.

11. Parshall flume - a flow measuring device - head end.

12. Parshall flume - discharge end - into Monarch clarifier wet well before pumping into clarifier center ring.

13. Monarch clarifier discharge weir to Portage Creek. - measuring device a capacitance probe.

14. Computerized Control System Schematic - signals come in and out of control building.

15. Monarch Clarifier Pumphouse and corner of computer control building.

16. Inside building - samples compositing daily samples.

17. Turbidity Meter (Hach Surface Scatter Model 3) and a L & N pH meter - send continuous signals to computer for storage and averaging.

18. Work bench area - all testing done here incubator lower left and refrigerator lower right.

19. Computer - I.O. & C.P.U. cabinets - Computer Digital PDP 1104

20. Digital peripherals - C.R.T. and Decwriter

21. Again - programmed to put out hourly, daily, weekly, monthly reports.

22. Dohrmann D 60 T.O.C. Analyser, briefly the operation is to burn 5cc sample at 1900° F with excess $O_2$, detect resulting $CO_2$ combustion product and convert to a T.O.C. reading. It is supplied with Compressed Air $O_2$, Acid, water and sample and 110 A.C.

23. T.O.C. Analyser chart showing T.O.C. readings for 2 samples. The T.O.C of the effluent stream is determined on 4 consecutive samples - The computer reads the 4 results, throws the first one away and averages the other three and uses this value for the next 30 minutes of control.

24. T.O.C. Analyser sample injection mechanism to the combustion chamber. The key part of this T.O.C. computer system is the control valve, that is modulated to allow the right amount of influent to the Monarch clarifier to satisfy the discharge limitation of B.O.D. - The suspended solids limitation is never a problem if the B.O.D. limitation is satisfied. The bottom line is that the system works and we have been in compliance since the July 1, 1977 date.

SLUDGE DISPOSAL AND SOLID WASTE

The clarifiers' underflows - called sludge by some - composed chiefly of fiber and filler . (Ash content of about 60%), consistency of 5 - 9 % is pumped by Moyno pumps to drying lagoons - about 22 acres. These lagoons are regularly treated with lime slurry from April to October for oder control. Decanting water from these lagoons is pumped as needed, to the Bryant Clarifier. When sufficiently dry, the sludge is dug out, trucked to other areas, and ocvered with soil. All this done on Allied property.

Solid waste from the mills, wood, paper, drums etc., is deposited on a 7.8 acre

licensed sanitary landfill and covered each day. This landfill now fulfills all the requirements for landfills as specified in Act 641, Solid Waste Management, finally becoming law December 21, 1981. This landfill is regularly inspected by the Kalamazoo County Health Department which is the delegated authority in this area. Some of the new requirements for landfills under this Act 641 was to do soil boring and testing to conduct a hydrogeological survey and to sample and test well samples quarterly for groundwater quality. there are four monitoring wells. All this work has been done by a local engineering firm. A recent analysis on two different samples of our sludge indicates it qualifies as a covering material for our landfill. (reports of hydro study and sludge). The present license runs through July, 1984.

COSTS

In 1979 we reported the annual operating and maintenance costs for the waste treatment system were $612,000. For 1983 we estimate these costs will exceed $850,000. The City of Kalamazoo sewer costs have more than doubled from $317/million gallons to $719 for 1983. The City costs for the first six months of 1983 were $221,000.

REGULATIONS

As a N.P.D.E.S. permit holder we must file a Monthly Operating Report by the 10th of each month listing all the daily test results as specified. The M.D.N.R. makes an annual non-scheduled survey of our discharge and the system. We maintain a very comprehensive Quality Assurance Program (Show Copy) as outlined in U.S.E.P.A. guidelines. At any time a special compliance unit of E.P.A. could visit us and inspect this Q. A. Program. We feel we have a very good program and John Roth is to commended for setting it up and maintaining it.

There are several other regulatory laws governing different facets of operation - such as T.O.S.C.A., R.C.R.A, Act 64 etc. but are not applicable to this report. We regularly fill out survey forms sent by various State and Federal agencies compliance is mandate by statue.

As per U.S.E.P.A. and Michigan DNR requirement, Allied has under Al Vickery's direction and plan, prepared Pollution Incidence Prevention Plans (PIPP). These are filed with both EPA and DNR and have to be at hand for inspection by EPA people when they pay us those surprise vists.

The recent Michigan D.N.R. reorganization has concentrated all the Environmental Protection Bureau people for this district in the Plainwell office including Hazardous Waste, Community Assistance, Air Quality, Ground-Water Quality and Surface Water Quality. How long this re-alignment structure functions will depend on the wishes of the newly appointed D.N.R. Director. There have been some rumbling about putting all waste treatment facilities under the jurisdiction of the State Department of Public Health or a new agency.

PROCESS WATER

Historically the Bryant Division has used Portage Creek as the principal source of process water. The water from the creek enters the system at the Cork Street pump house and is pumped through a 24" pipe for some 3500 feet to the filter plant. In the last few years the old Hunderford and Terry gravity down flow sand filters have become inadequate to provide the quality of water required to produce quality light weight papers. This was especially evident when a program of recycling some our clarified effluent to the process water pump house was started in November, 1981.

Before we proceed further with the process water system let's look at some sketches of the total process water systems that Any Watson has prepared for this presentation.

This sketch sows the scaled layout of the various units of the two system in relation to the Manufacturing mills cross streets and Portage Creek.

This next sketch shows the same units of each system with the flow lines of the various waters.

For the waste water system we have flows from Mill C and D to the Mill D or Garage pump house and a pair of pipes from here to the Grey tank. There are also pressure lines from Mill C & D directly to the Grey Tank. Waste water is pumped some 5000 feet through a 20" pipeline to the Bryant Clarifier. There some effluent flows to the City sewer trunk line, some flows to Monarch Clarifier, sludge is pumped to lagoons and decanting water is pumped to the Clarifier. At the Monarch Clarifier some effluent flows to Portage Creek, some is pumped to process water pump house and sludge to lagoons.

The process water system shows the Cork street pump house, line to filter plant, then to the power house on the silver tank and from this storage tank to Mills C & D.

If we overlay this other transparency we see the year to date average daily flows at the various points.

This next chart shows the daily average flows of process water and waste water flows at going to the various point in the systems for the months of January through July, 1983. The process water usage is near the 10,000 gallon per ton of paper produced level.

Recently three Parkson Dynasand filters have been installed and put on line in the filter plant. These are upflowing sand filters, that backwash the sand. The water enters at the bottom of the filter and flows upward through some 40" of sand overflowing to the clearwell. The washed sand falls to the top of the bed and the backwash water flows to the sewer. The sand is continuously moving downward and the water upward. It is calculated that this backwash system will reduce the volume of backwash water some 300,000 gallons per day from that of the old sand filter backwash volume.

Previously when using the old sand filters only a chlorine water injection before the filters was used to oxidize the iron, silt and bacteria in the incoming water. It was soon evident that using the Dynasand method of filtering this single chemical treatment was not sufficient to produce a satisfactory quality water for the manufacturing process even with only a small amount of recycled water.

With the addition of other chemicals and/or modifications of injections points in the system we have produced a water of acceptable quality with an influent of 100% Portage Creek water. At the present time we are able to produce the same water quality with a 10% substitution of recycled clarifier effluent. We anticipate that within a reasonable time we will be able to produce a quality process water using a higher percentage of recycled water in a totally automated system, with permanent chemical additions systems. The responsibility for achieving this objective presently lies with a committee of staff people.

In addition to this immediate objective our longer range objectives are to decrease they use of City water in the manufacturing process by maintaining a high quality process water, increase the use of recycled water to the system, and reduce the strength and volume of waste water from the mills. These objectives will require the combined efforts of Manufacturing, Engineering, Maintenance and

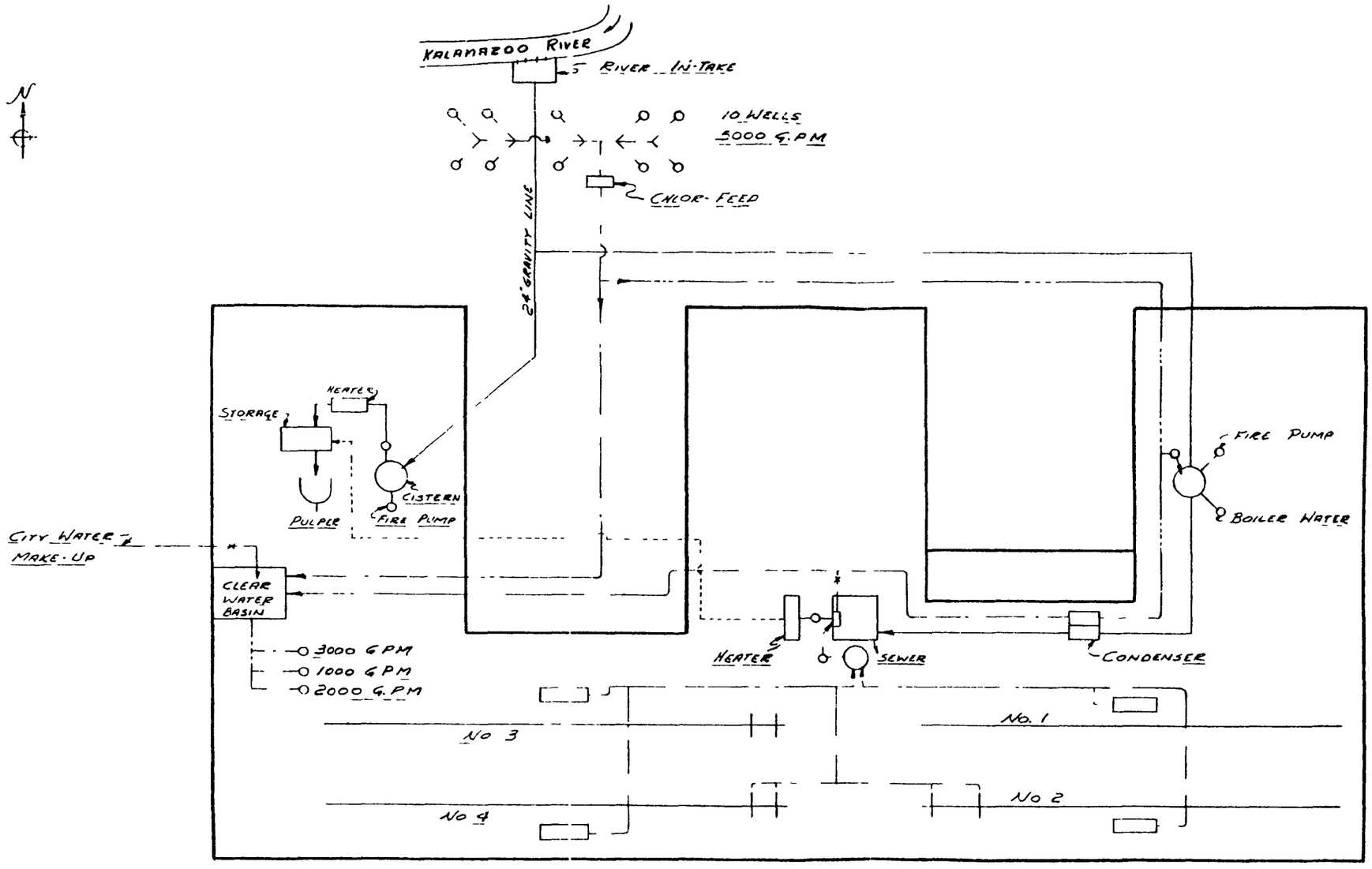
R & D personnel, in other words, everyone.

Ex Hibits

SLIDES FOR SUPERVISORS MEETING

August 16, 1983

1. Monarch Mill Pond
2. Cork Street Pump House
3. Bryant Mill Pond Bottom
4. Alcott Street Dam
5. Mill D Pump Sump
6. Portage Creek - Reed Street & Gaging Station
7. Grey Tank
8. Bryant Clarifier
9. Monarch Clarifier
10. Stilling Well - Monarch Clarifier
11. Parshall Flume (Head End)
12. Parshall Flume (Discharge)
13. Monarch Clarifier Weir, Sample pipe & Control Building
14. Computerized Control System Schematic
15. Monarch Clarifier Pump House, Control Building
16. Samples
17. Turbidity Meter, pH and Flowmeter
18. Work Bench Area
19. I. O. and C. P. U. Cabinets
20. C.R.J. and Decwriter
21. D.R.J. and Decwriter
22. T.O.C. Analyser
23. T.O.C. Chart
24. Furnace for Sample
25. Injector on Furnace




LEGEND

——— RIVER WATER

—·—·— FRESH WATER

------ RIVER & FRESH WATER

| REFERENCES | DWG. No |
|---|---|
| ALLIED PAPER CORP. | |
| MILL | KALAMAZOO |
| | KING |
| TITLE KING MILL WATER SYSTEM | |

| REVISIONS | |
|---|---|
| | |
| | |
| | |
| | |

| SCALE NONE | MO. | DAY | YR. | DWG. No. |
|---|---|---|---|---|
| DRAWN ROUSCH | 1 | 13 | 59 | |
| TRACED | | | | EK-750 |
| CHECKED | | | | |
| CHECKED | | | | |
| APPROVED | | | | |

47661

SA

MILLENNIUM HOLDINGS, INC.
KALAMAZOO RIVER MEDIATION

REFERENCED DOCUMENTS RE:
QUESTION NO. 9

IN RE: ENVIRONMENTAL DECLARATORY JUDGMENT ACTIONS
DOCKET NO. UNN L 8573-89

| | |
|---|---|
| H. M. HOLDINGS, INC., THE GLIDDEN COMPANY & SMITH CORONA CORPORATION, Plaintiffs, vs. LUMBERMENS MUTUAL CASUALTY COMPANY, et al., Defendants. | SUPERIOR COURT OF NEW JERSEY LAW DIVISION: UNION COUNTY DOCKET NO. L-96187-87 Civil Action |

The Deposition of CECIL CROOK, taken before Michele A. Lantis, CSR-0120, RPR-CM, Certified Shorthand Reporter and Notary Public, at Gerger-Moretti Reporting, 520 Comerica Building, Kalamazoo, Michigan on May 28, 1992, commencing at or about 9:00 a.m., pursuant to notice.

GERGER-MORETTI REPORTING
Kalamazoo - Grand Rapids, Michigan
(616) 343-0118 - (800) 536-0804

APPEARANCES:

MR. BENNET G. KELLEY
Howrey & Simon
1730 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-4793

Appearing on Behalf of the Plaintiffs.

MR. JAMES A. PINDERSKI
Tressler, Soderstrom, Maloney & Priess
200 West Adams, Suite 3000
Chicago, Illinois 60606

Appearing on Behalf of Defendants Lumbermens Mutual Casualty Co. and American Motorists Insurance Co.

MR. MICHAEL S. OLSAN
Connell, Foley & Geiser
85 Livingston Avenue
Roseland, New Jersey 07068

Appearing on Behalf of Defendant Continental Casualty Co.

MR. MICHAEL H. COHEN
Morgan, Melhuish, Monaghan, Arvidson, Abrutyn & Lisowski
651 West Mount Pleasant Avenue
Livingston, New Jersey 07039

Appearing on Behalf of Defendant Home Insurance Company.

MS. CATHERINE COLINVAUX
Zelle & Larson
95 Sawyer Road - Suite 500
Waltham, Massachusetts 02154

I N D E X


| | |
|---|---|
| Examination by Mr. Pinderski | 4 |
| Examination by Mr. Cohen | 124 |
| Examination by Mr. Olsan | 158 |
| Examination by Ms. Colinvaux | 167 |
| Further Examination by Mr. Pinderski | 179 |
| Examination by Mr. Kelley | 181 |
| Further Examination by Mr. Pinderski | 183 |
| Further Examination by Mr. Cohen | 183 |


EXHIBITS:


| | |
|---|---|
| Exhibit No. 1 - Investigative report | 69 |
| Exhibit No. 2 - Map | 76 |
| Exhibit No. 3 - Diagram | 135 |


GERGER-MORETTI REPORTING
Kalamazoo - Grand Rapids, Michigan
(616) 343-0118 - (800) 536-0804

Q Did you ever see chemicals spilled at any time during the years you were at the Monarch Mill?
A I never seen it, no.
Q Did you hear about it?
MR. KELLEY: Objection.
A Not officially.
Q Unofficially?
MR. KELLEY: Same objection.
A No.
Q Did you ever hear anyone say that they had seen chemicals spilled?
MR. KELLEY: Objection.
A A fellow told me that he got nauseated from something from a tank car, but that was just -- that was not official, that was just a fellow employee told me. I think this was chlorine.
Q Do you recall anything about the circumstances of that event?
MR. KELLEY: Same objection, Counselor. It's totally hearsay.
A I think it was switching a little tank of chlorine and it leaked momentarily.
Q This is while you were at the Monarch Mill?
A Yes.
Q Is this the only occasion that you ever heard of

chemicals being spilled during the years you were at the Monarch Mill?

A Yes.

Q I believe you testified when Mr. Cohen was asking you questions that wet-strength paper was a type of paper that was excluded from salvage loads. What were the salvage loads you were referring to?

A We would buy -- the company would buy scrap paper from a salvage company.

Q Do you know that salvage company was?

A Redmond Brothers.

Q Redmond?

A Yes.

Q Do you know where they're located?

A Factory Street they were. I think they've gone out of business.

Q In Kalamazoo?

A Yeah.

Q Do you know what years the company bought scrap paper from Redmond Brothers?

A Probably the last five, six years they run.

Q So we're talking about the 1980's?

A Late '80's, yes.

Q Do you know what the paper was used for?

A It was used to mix -- general use. You know, it's

broke, recycled paper that they reused.
Q Was it paper that required de-inking?
A No; no.
Q So, when the salvage paper came into the mill what was done with it?
A It was just put in the hydropulper and recycled or repulped.
Q And this was something that you had responsibility for?
A I have, yes.
Q Were there other kinds of paper that would be excluded from this salvage paper?
A Not much, no.
Q Any other types you can think of offhand?
A I don't understand the question.
Q Well, I believe perhaps I misheard. I believe you had said that when this salvage paper came in you would take out the wet-strength paper?
A We did not sort it. We didn't have time. You couldn't tell it anyway, unless you used a chemical to test it. But you would know it when you dropped one if you had wet strength, you knew it.
Q So, you didn't sort through the paper and take out particular types of paper before you used it?
A No.

MILLENNIUM HOLDINGS, INC.
KALAMAZOO RIVER MEDIATION

REFERENCED DOCUMENTS RE:
QUESTION NO. 9

IN RE: ENVIRONMENTAL DECLARATORY JUDGMENT ACTIONS
DOCKET NO. UNN L 8573-89

| | |
|---|---|
| H. M. HOLDINGS, INC., THE GLIDDEN COMPANY & SMITH CORONA CORPORATION, Plaintiffs, vs. LUMBERMENS MUTUAL CASUALTY COMPANY, et al., Defendants. | SUPERIOR COURT OF NEW JERSEY LAW DIVISION: UNION COUNTY DOCKET NO. L-96187-87 Civil Action |

The Deposition of CECIL CROOK, taken before Michele A. Lantis, CSR-0120, RPR-CM, Certified Shorthand Reporter and Notary Public, at Gerger-Moretti Reporting, 520 Comerica Building, Kalamazoo, Michigan on May 28, 1992, commencing at or about 9:00 a.m., pursuant to notice.

GERGER-MORETTI REPORTING
Kalamazoo - Grand Rapids, Michigan
(616) 343-0118 - (800) 536-0804

APPEARANCES:

MR. BENNET G. KELLEY
Howrey & Simon
1730 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-4793

Appearing on Behalf of the Plaintiffs.

MR. JAMES A. PINDERSKI
Tressler, Soderstrom, Maloney & Priess
200 West Adams, Suite 3000
Chicago, Illinois 60606

Appearing on Behalf of Defendants Lumbermens Mutual Casualty Co. and American Motorists Insurance Co.

MR. MICHAEL S. OLSAN
Connell, Foley & Geiser
85 Livingston Avenue
Roseland, New Jersey 07068

Appearing on Behalf of Defendant Continental Casualty Co.

MR. MICHAEL H. COHEN
Morgan, Melhuish, Monaghan, Arvidson, Abrutyn & Lisowski
651 West Mount Pleasant Avenue
Livingston, New Jersey 07039

Appearing on Behalf of Defendant Home Insurance Company.

MS. CATHERINE COLINVAUX
Zelle & Larson
95 Sawyer Road - Suite 500
Waltham, Massachusetts 02154

I N D E X


| | |
|---|---|
| Examination by Mr. Pinderski | 4 |
| Examination by Mr. Cohen | 124 |
| Examination by Mr. Olsan | 158 |
| Examination by Ms. Colinvaux | 167 |
| Further Examination by Mr. Pinderski | 179 |
| Examination by Mr. Kelley | 181 |
| Further Examination by Mr. Pinderski | 183 |
| Further Examination by Mr. Cohen | 183 |


EXHIBITS:


| | |
|---|---|
| Exhibit No. 1 - Investigative report | 69 |
| Exhibit No. 2 - Map | 76 |
| Exhibit No. 3 - Diagram | 135 |


GERGER-MORETTI REPORTING
Kalamazoo - Grand Rapids, Michigan
(616) 343-0118 - (800) 536-0804

Q Did you ever see chemicals spilled at any time during the years you were at the Monarch Mill?
A I never seen it, no.
Q Did you hear about it?
MR. KELLEY: Objection.
A Not officially.
Q Unofficially?
MR. KELLEY: Same objection.
A No.
Q Did you ever hear anyone say that they had seen chemicals spilled?
MR. KELLEY: Objection.
A A fellow told me that he got nauseated from something from a tank car, but that was just -- that was not official, that was just a fellow employee told me. I think this was chlorine.
Q Do you recall anything about the circumstances of that event?
MR. KELLEY: Same objection, Counselor. It's totally hearsay.
A I think it was switching a little tank of chlorine and it leaked momentarily.
Q This is while you were at the Monarch Mill?
A Yes.
Q Is this the only occasion that you ever heard of

chemicals being spilled during the years you were at the Monarch Mill?

A Yes.

Q I believe you testified when Mr. Cohen was asking you questions that wet-strength paper was a type of paper that was excluded from salvage loads. What were the salvage loads you were referring to?

A We would buy -- the company would buy scrap paper from a salvage company.

Q Do you know that salvage company was?

A Redmond Brothers.

Q Redmond?

A Yes.

Q Do you know where they're located?

A Factory Street they were. I think they've gone out of business.

Q In Kalamazoo?

A Yeah.

Q Do you know what years the company bought scrap paper from Redmond Brothers?

A Probably the last five, six years they run.

Q So we're talking about the 1980's?

A Late '80's, yes.

Q Do you know what the paper was used for?

A It was used to mix -- general use. You know, it's

broke, recycled paper that they reused.
Q Was it paper that required de-inking?
A No; no.
Q So, when the salvage paper came into the mill what was done with it?
A It was just put in the hydropulper and recycled or repulped.
Q And this was something that you had responsibility for?
A I have, yes.
Q Were there other kinds of paper that would be excluded from this salvage paper?
A Not much, no.
Q Any other types you can think of offhand?
A I don't understand the question.
Q Well, I believe perhaps I misheard. I believe you had said that when this salvage paper came in you would take out the wet-strength paper?
A We did not sort it. We didn't have time. You couldn't tell it anyway, unless you used a chemical to test it. But you would know it when you dropped one if you had wet strength, you knew it.
Q So, you didn't sort through the paper and take out particular types of paper before you used it?
A No.

7

MILLENNIUM HOLDINGS, INC.
KALAMAZOO RIVER MEDIATION

REFERENCED DOCUMENTS RE:
QUESTION NO. 7

Abbey Paper Stock Company
1300 Pine Street
Camden, New Jersey 08103

| | |
|---|---|
| Acme Waste Products, Inc.<br>4801 Chaincraft Rd.<br>Cleveland, Ohio 44125 | Frank Tavens |
| Aetna Waste Paper Co.<br>4301 Southwestern Blvd.<br>Chicago, Illinois 60609 | Al Fox |
| Albany Paper Grading Co.<br>1011 So. California Ave.<br>Chicago, Illinois 60612 | Jerry Golden |
| American Paper Stock Co.<br>320 West Michigan St.<br>Indianapolis, Indiana | Richard Weisenflu |
| Ash Trading Corp.<br>PO Box 908<br>Albany, New York 12201 | Al Kirsch |
| Atlanta Intercel<br>1240 Stewart Ave. S/W<br>Atlanta, Georgia 30310 | Harold Vander Kley |
| Austell Box Board<br>PO Box 157<br>Austell, Georgia 30001 | Bob Prillaman |

KA05800161

Wren
EXHIBIT NO. 3
7-7-92
P. MORETTI

B & J Services, Inc.
3535 E. 14th St.
Los Angeles, California

Art Kazarian

Buffalo Paper Stock Co., Inc.
25 Hardwood Place
Buffalo, New York 14210

Haskell Stovroff

Butler Paper Co.
1238 Windsor Rd.
Suffolk, Virginia

Mr. Butler

KA05800162

KA05800162

Capitol Waste Paper Co. — Hyman Lipsitz
1962 Trombly Ave.
Detroit, Michigan 48211

Cassone Paper Stock Co. — Anthony Cassone
236 Wolcott St.
Brooklyn, New York 11231

Castle & Overton, Inc.
630 Fifth Avenue
New York 20, New York

Central Iron & Metal Co. — Joe Winekoff
2455 Elston Avenue
Chicago, Illinois

Champlain Paper & Iron Co.
PO Box 2601
Station "B"
Toledo 6, Ohio

Clark's Disposal Service
603 South 12th St.
Mt. Vernon, Illinois

Cleveland Paper Packing Co.
2670 East 51st St.
Cleveland 4, Ohio

Columbus Waste - Attn: Maurice Schnecter
(See Urbana Paper)

Consolidated Fibres — Richard Stovroff
1800 Peralta St.
Oakland, California 94623

Continental Paper Grading Co. — Sam Epstein
1623 Lumber St.
Chicago, Illinois 60616

KA05800163

KA05800163

Dayton Waste Material Co. Al Kaplan
319 E. Mound Ave.
Miamisburg, Ohio 45342

David M. Dickson Co.
6801 Wissinoming St.
Philadelphia, Pa. 19135

District Paper Stock Co., Inc. Murray Kay
2115 Bryant St. N/E
Washington, D. C. 20018

[redacted]

Donnelley & Sons, Co.
2223 South Parkway
Chicago 16, Illinois

Dreyfuss Paper Stock Co. Don Hofacker
847 E. Crosstown Parkway
Kalamazoo, Michigan 49006

KA05800164

KA05800164

Elam Paper Converters, Inc.
Allegan, Michigan

Empire Trading Corporation Don Silverstein
49 Summit Ave.
Summit, New Jersey 07901

[redacted]

KA05800165

KA05800165

BO

| | |
|---|---|
| Federal Paper Stock Co.<br>4810 McKissock Ave.<br>St. Louis, Missouri 63147 | Gene Cherak |
| Fibres, Incorporated<br>1200 Harger Rd.<br>Oak Brook, Illinois 60521 | Bob Kennedy |
| Fisher-Graff Iron & Metal Co.<br>516 East North St.<br>Kalamazoo, Michigan | Herman Fisher |
| James Flett Organization, Inc.<br>20 North Wacker Drive<br>Chicago, Illinois 60606 | |
| Fort Wayne Waste Paper Co.<br>2700 Dwenger Avenue<br>Fort Wayne 2, Indiana | Jack Winter |
| Friedland Iron & Metal Co.<br>302 East Maple St.<br>Lansing, Michigan 48905 | Bernard Friedland |

KA05800166

KA05800166

Gaby Iron & Metal Co.
26th St. & East End Avenue
Chicago Heights, Ill.

Lou Gaby

General Mill Supply Co.
189 Vinewood Ave.
Detroit, Michigan 48216

Milton Rotenberg

General Paper Stock Co.
Seventh Carr Street
St. Louis, Missouri 63101

Harold Tourville

J. Golpher & Co.
425 S. Bound St. PO Box 771
Appleton, Wisconsin

S. Gordon & Sons, Inc.
1727 S. Stewart Ave.
Chicago 16, Illinois

Ben Gordon

[redacted]

Great Lakes Paper Fibres Inc.
PO Box 663
Buffalo, New York 14240

Owen Murray

Greenspon Paper Stock Co.
608 E. 40th St.
Chicago, Illinois

Grossman & Sons, Inc.
1960 South Fourth St.
Columbus, Ohio

KA05800167

KA05800167

Huron Paper Stock
2534 Fulton St.
Chicago 12, Illinois



KA05800168

International Cellulose, Inc.
520 North Michigan Ave.
Chicago, Illinois 60611

Gerard Moran

KA05800169

KA05800169

Perry H. Koplik & Sons, Inc.
654 Madison Ave.
New York, N. Y.

Krell Paper Stock Co. Robert Krell
580 Burton St. S/W
PO Box 7013
Grand Rapids, Michigan 49507

KA05800170

KA05800170

*From the desk of*
L. R. SCOTT

Lansky Sons & Metz
1100 N. Main St.
Ann Arbor, Mich

KA05800171

KA05800171

Levine Waste Paper Company
1000 Stephenson Bldg.
Detroit, Michigan 48202

Liberty Scrap Material Inc. — Ted Liebowitz
1258 Knowlton St.
Cincinnati, Ohio

S. Lisner & Sons — Stanley W. Lisner
417 W. Liberty
Cincinnati, Ohio

Lissner Paper Grading Co. — Myer Lissner
1050 N. North Branch St.
Chicago, Illinois 60622

[redacted]

KA05800172

KA05800172

Martin Brothers
289-299 Hinkley Street
Benton Harbor, Michigan

Mead Pulp Sales, Inc.
200 Park Ave.
New York 17, N. Y.

Melrose Paper Company, Inc.
16th & Wood Sts.
Philadelphia 2, Penna.

Meredith Printing
Box 1394
Des Moines, Iowa 50308

Mervis Iron & Metal Co.
329 East Harrison St.
Danville, Illinois

Michigan Paper Stock — Herb Zimmerman
29350 Southfield Rd.
Southfield, Michigan 48075

Monroe Scrap Material Co.
1204 E. 3rd St.
Monroe, Michigan

[redacted]

KA05800173

KA05800173

Niles Waste Paper Co.
853 North Front St.
Niles, Michigan 49120

Bernard Berman

North American Paper Co.
PO Box 7812 - Station G
Columbus, Ohio 43207

North Shore Waste Paper Co., Inc.
53 Jefferson Ave.
Salem, Massachusetts

KA05800174

KA05800174

The Oco Waste Paper Co.
311 Prospect Ave.
Cleveland 15, Ohio

C. H. Oscarson & Co.
466 Center Avenue
Northfield, Illinois 60094

Fred Oscarson

KA05800175

KA05800175

Penn Paper & Stock Co.
1112 Washington Ave.
Philadelphia 47, Penna.

Pennsylvania Paper Stock Co.
2737 Penn Ave.
Pittsburgh 22, Penna.

Peoples Iron & Metal Co. — Harold Dray
5831 South Loomis Blvd.
Chicago, Illinois 60636

Pioneer Paper Stock Co. — Ray Frainey
900 N. Ogden Ave.
Chicago, Illinois 60690

Pioneer Paper Stock Div. — Charles Kupferschmidt
Container Corporation of America
333 Lycaste
Detroit, Michigan 48214

Pioneer Paper Stock Co. — Harry Lisk
419 East Frank St.
Kalamazoo, Michigan 49007—
(Lima - send to Kzoo)

KA05800176

KA05800176

Riverside Industrial Materials Co. Geo. Silver
214 South 35th St.
PO Box 771
Bettendorf, Iowa 52722

[redacted]

Rothenberg Brothers & Co., Inc.
9525 Woodland Ave.
Cleveland, Ohio 44104

Royal Paper Stock Co. Jack Bauer
700 Bryden Rd.
Columbus 15, Ohio

KA05800177

KA05800177

Sabco International Corporation
2330 Westwood Blvd.
Suite 205
Los Angeles 64, Calif.

Sanders Paper Stock Co.
814 S. 14th St.
Louisville 10, Kentucky

✓ Sangamon Paper Grading Co., Inc. Abe Cohen
2600 W. Roosevelt Rd.
Chicago, Illinois 60608

The Shamrock Co. Wm. Firestone
No. 1 Convent St.
St. Louis, Missouri 63104

✓ J. Solotken & Co., Inc. Harry Katz
101 South Harding St.
Indianapolis 6, Indiana

✓ Southeastern Paper Stock Co. James Gleeson
1575 Line St.
Decatur, Georgia 30032

Standard Paper Grading Co.
6229 South Hoyne Ave.
Chicago, Illinois 60636

✓ Stern Waste Paper & Iron Co. George Stern
Post Office Box 43
Racine, Wisconsin

The I. V. Sutphin Co. James Johnston
2015 Union Central Building
Cincinnati, Ohio 45202

✓ [illegible] Co. Cassidy
[illegible]
[illegible], Alabama 34233

KA05800178

KA05800178

Tension Envelope Corporation
19th & Campbell Street
Kansas City, Missouri 64108

Thomas Paper Company — George Brown
100 E. Ohio St.
Chicago, Illinois 60611

Thomas Paper Stock Co.
351 Helen St.
Otsego, Michigan (Send to Chicago)

The Toledo Paper Stock Co.
1309-19 LaGrange St.
Toledo, Ohio 43608

Tower Transit, Inc.
1455 South Newberry
Chicago, Illinois 60608

KA05800179

KA05800179

U. S. Paper Supply Company
600 South Michigan Ave.
Chicago, Illinois 60605

Urbana Paper Stock Co. ) Maurice Schnecter
322 West Court St. )
Urbana, Ohio 43078 ) SEE NORTH AMERICAN
Send All Correspondence to:
Urbana Paper Stock Company
Box 4336, Station "G"
Columbus 7, Ohio

[redacted]

KA05800180

KA05800180

Victor Mill Supply Company
6 North Michigan Ave.
Chicago, Illinois 60602

Jerry Berensweig

Von Hoffmann Press, Inc.
1000 Camera Avenue
St. Louis, Missouri 63126

KA05800181

KA05800181

Waste Paper Utilization Council
122 East 42nd St.
New York, New York

Weisman Brothers Co. — Max Weisman
1811 Lake Street
Kalamazoo, Michigan

West Coast Paper Stock, Inc. — Sidney Michelson
2211 East Washington Blvd.
Los Angeles 21, Calif.

West Pullman Iron & Metal Co.
11954 South Peoria St.
Chicago 43, Illinois

Winter Paper Stock Co. — Ken Winter
3800 St. Clair Avenue
Cleveland 14, Ohio

KA05800182

KA05800182

M. P. Zaransky & Sons
5807 South State St.
Chicago 21, Illinois

Howard Zuker Associates
166 East Superior Street
Chicago, Illinois 60611

Frank Vantrepotte

[redacted]

KA05800183

KA05800183

SUPERIOR COURT OF NEW JERSEY
LAW DIVISION: UNION COUNTY

H.M. HOLDINGS, INC.,
THE GLIDDEN COMPANY & SMITH
CORONA CORPORATION,

Plaintiffs,

-v- Docket No.: L-96187-87
VOLUME II

LUMBERMEN'S MUTUAL CASUALTY
COMPANY, et al.,

Defendants.
_____/

The continued deposition of ULYSSES STOEFFLER taken before Sheryl Bussinger, (CSR - 1441), Certified Shorthand Reporter and Notary Public, at 2615 Bronson Boulevard, Kalamazoo, Michigan, on March 10, 1992, commencing at 1:00 a.m., pursuant to notice.

GERGER-MORETTI REPORTING
Kalamazoo & Grand Rapids, MI
(616) 343-0118 & (800) 536-0804

APPEARANCES

For the Plaintiffs:

MR. LARRY D. ESPEL
Popham, Haik, Schnobrich & Kaufman
3300 Piper JaFfray Tower
Minneapolis, Minnesota 55402

MS. WENDY M. ANDERSON
Howrey & Simon
1730 Pennsylvania Avenue, N.W.
Washington, D.C. 2006-4793

For the Defendant Continental Casualty:

MR. EDWARD DeLESKY
Connell, Foley & Geiser
85 Livingston Avenue
Roseland, New Jersey 07068

For the Defendant Lumbermens Mutual Casualty Co and American Motorists Insurance Company:

MS. JUDITH FOURNIE HELMS
Tressler, Soderstrom, Maloney & Priess
200 West Adams Street
Suite 3000
Chicago, Illinois 60606

For the Defendant Employer's Insurance of Wausau:

MS. CATHERINE M. COLINVAUX
Zelle & Larson
University Office Park 111
95 Sawyer Road, Suite 500
Waltham, Massachusetts 02154

INDEX PAGE

Examination by Ms. Helms 83

EXHIBITS PAGE

Exhibit 1 - 3-4-92 Fax from James Pinderski to Wendy Anderson 82

Q And what was your function at de-inking in the King Mill at that time?
A Well, I was -- I was the head of the de-inking mill at one time. I can't remember exactly when this came about, but --
Q By head, do you mean supervisor?
A Yes, ma'am.
Q Okay.
A I was the top man in the de-inking mill.
Q For how many years did you hold that position at King?
A I was afraid that you would ask that. I really don't know. I really don't know.
Q Okay.
A I would say that it was a few years. I can't recall exactly how long.
Q To whom did you answer when you were supervisor of de-inking at King Mill?
A Well, first and foremost, I answered to the general superintendent of the mill, which is Joe Dennany -- not Joe Dennany, no, Bud Horrocks. Harry Horrocks is his real name.
Q As supervisor of the de-inking mill at King, what were your duties?
A Well, they were kind of many fold. I would take care of -- first I had personnel. I had personnel working

under me. I can't recall how many, maybe ten or more. And I had to supervise them and then as the time would come, why, I would see about some quality control as far as the incoming paper stock was concerned.

Q And as you supervised quality control for incoming paper stock, was there anything different about what you were looking for than what you described for us the first time that you were at King and you were involved with some quality control?

A Oh, yes, it always changed because these rascals, I mean, that send you the paper, the stock, you know, they can change -- they can change contaminants. They had God awful, I mean, means of changing the paper stock for plastics and non-, oh, I'd say chrome coated. That was typical of that, I mean, some materials in it that would not break up in the de-inking process.

Q Do you know, sir, when you received this wastepaper so that it could be de-inked, do you know how that procurement was done of that paper?

A Our purchasing department.

Q Did that involve you?

A Sometimes, yes. I mean, if there would be something in the paper stock that was objectionable, they would bring it to me and I would reject it. Well, we might reject a whole car load sometimes.

Q Did you have -- did you, I mean Allied, have a description of the type of paper, wastepaper stock that you wanted that you gave to the suppliers and they were supposed to conform to that?
A Yes, we did.
Q How did you describe what you wanted?
A Well, we had -- we'd have a list. Of course, we'd have to keep that up-to-date all the time because it would change, I mean. These guys would change, I mean, the raw materials that they would bring in and so we'd have a list that would be for Bolton, you know, and --
Q Well, other than -- I'm sorry.
A And we listed that.
Q Other than having a list of things that you would not find acceptable, did you also have a list or description for what you did consider acceptable for wastepaper stock?
A No, no, you don't do that really.
Q It's just whatever paper they send to you minus the unacceptable list?
A Yeah, we got paper stock from Chicago and Detroit and some other places in the Midwest that were our principal sources and I made -- I made trips to all of these suppliers, not all of them but, I mean, I'd say maybe once or twice a year I'd make a trip to the suppliers

and give them hell for what they were sending us, tell them what they couldn't send to us because, you know, those guys are crafty.

Q Did you have carbon paper on your list of paper not to be sent?

A You mean carbon paper, you're talking about the one time carbon or are you talking about the carbonless?

Q Right now I am talking about the carbon paper meaning one time.

A That you put in office supply?

Q Yes. Was that a problem paper for de-inking?

A Yes.

Q And what were the other problem papers generally?

A Oh, heavens, I can't enumerate them all, but they were some glossy inks were not -- were no good and, oh, heavens, ma'am, I'm sorry, but I can't enumerate them all right now, but principally it was -- it was the stuff that you all see in your magazines, you know. Magazines have changed and they put in plastic and they put in every kind of material in the pages and that's no good so we'd have to tell them -- we'd update our list whenever we'd go to our suppliers. We'd go there for some specific reason sometimes.

Q When did you first become aware of a product called no carbon required paper or the National Cash Register

carbonless paper, that product?
A I can't recall. But for a long time, I mean, when I was in the de-inking mill, yes, you could tell it by the smell.
Q At the time you were in the de-inking mill at King, was that no carbon required paper one of the papers on the verboten list?
A Yes, ma'am. You have got to be specific. You mean the National Cash Register are you talking about?
Q Yes. Is that what you were talking about?
A Yes, NCR.
Q Yes. Okay. And what were the problems with the de-inking operation that were caused if you went ahead and used the NCR paper for de-inking?
A Well, I could say that we never used it, but it would just show as a contaminant and when you would pulp it up, why, I mean, into a hand sheet, that's what we call a hand sheet, which is something that you just made -- pulped up the paper and then you put it into a filter and just got the carbon mat -- I mean got the paper mat and you could easily tell it by putting it up to a light or sometimes you could just look and tell there were specials in there that were from some kind of contaminant.
Q When you were the supervisor of the King de-inking

operation, how were the instructions given to the paper sorters in terms of what paper they should pull out as unacceptable or verboten paper?

A Well, I'll tell you one time we had about four women on the line that would -- we had -- we had paper -- paper would come up where they'd dump it onto this traveling belt and at that point they would look through it, page through it and they could -- they would take out the contaminant and we'd tell them ahead of time or if something came up that they didn't know about, they would ask us.

Q So they were trained by the company?

A Of course.

Q Who was their -- I'm sorry.

A By the way, I mean, aside, well, we got a lot of stamps that were not canceled and I kept our family in stamps for quite a while.

Q All right. Who was the or what position was the immediate supervisor over the sorters?

A Well, we had one supervisor that was in the sorting room and we had three of those. One was -- I can't remember all of them right now, but they were responsible to me, but they would take care of -- I mean, see about the women or would update our, I mean, the contaminant paper that would he verboten or so forth and we had one on

each tower. I mean, I have to explain tower means shift.

Q From time to time, you added types of paper to the verboten list?

A Oh, yes.

Q As you learned about additional problems?

A Surely.

Q Did you ever take paper that was on the verboten list that was known to be unacceptable to you and change your mind about it and decide it was acceptable?

A Well, you have to understand how we would determine this. It depends upon what it is, if it is, I mean, glossy inks and so forth like that, if it wasn't a very -- a particular grade.

Q With regard to the NCR paper that was on the unacceptable or verboten list, did your opinion of that ever change so that it became an acceptable paper for de-inking?

A No, ma'am, not to my knowledge.

Q In addition to the de-inking operation at King, did you supervise any of the other operations during that second assignment there?

A Not really, no. I was -- I was in charge and responsible for the de-inking operation. That went from the raw stock to incoming paper all the way down to the

finished product of the DI stock. That went through screens and cleaning and screening and everything else like that.

Q By the time that you returned to the King Mill for this second assignment there, had the clarifier been placed in operation?

A Oh, yes.

Q And during that period at King Mill, the second time you were assigned there, did the waste water and waste liquids and effluent from the King Mill, did that all flow to the clarifier?

A Yes, ma'am.

Q And was the system --

A I mean, not directly, of course, but, I mean, ultimately, yes, sure.

Q So it was piped to a central location and then piped into the clarifier --

A Yes, ma'am.

Q -- everything from the King, all right.

A It is cold up there. It's cold as hell up there on those clarifiers in the wintertime. Man, oh, man, you think it's cold here, you ought to stand on top of a 110-foot clarifier and have the wind blow because usually that's up high. You were up 15 foot high at least.

Q Where was the sludge from the King clarifier pumped to? Were there sludge beds somewhere?
A Yes, ma'am.
Q Where were they?
A They were, I mean, adjacent and to the -- well, sometimes they were a little distance away, but, I mean, you know, when we needed more room for sludge beds, why we'd have to make some new ones. And they went all the way out to -- oh, I can't recall exactly the street, but it went quite a ways, you know. Lake Street curves around there and there were sludge beds there, too.
Q Now you described for us yesterday how the clarifier worked that was situated at the Monarch Mill. Can you tell us, sir, whether the clarifier at the King Mill worked in the same manner?
A Yes, ma'am, they were all what we called Dorr clarifiers, Dorr thickeners or Dorr clarifiers, D-O-R-R.
Q Dorr being the manufacturer?
A Yes, ma'am.
Q Was the effluent monitored at the King clarifier by use of a weir for flow?
A Oh, yes.
Q Was it also monitored for quality by testing between the point where the weir was located and the clarifier?
A You mean influent or effluent?

R. M[illegible]vy

W. D. Harrison

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 & 1959 | | | | | | | | | | | | |
| 12/29 | 100,100 | 6,050 | 120,900 | | 6.90 | | | | | | 226.3 | 69.7 |
| 12/30 | 96,500 | 5,900 | 97,500 | 26,200 | 6.50 | | | | | | 224.9 | 70.3 |
| 1 | | | | | | | | | | | 183.9 | 71.8 |
| | | | | | | | | | | | 186.3 | 70.2 |
| | | | | | | | | | | | 164.4 | 67.2 |
| | | | MILL DOWN | | | | | | | | | |
| | 98,300 | 6,005 | 109,200 | 26,200 | 6.70 | | | | | | 197.1 | 69.8 |
| | | | NOTE: King tank drain valve open every day except Monday. | | | | | | | | | |
| 29 | 92,100 | 5,960 | 63,400 | | 5.84 | 21,400 | 0 | | -- | | 138.7 | 71.2 |
| 12/30 | 97,800 | 6,650 | 58,300 | 18,630 | 5.59 | 18,650 | 0 | 11,390 | -- | -- | 128.0 | 69.8 |
| 12/31 | | | | | 8.55 | | | | | | 123.9 | 65.1 |
| 1/1 | | | | | ~~8.55~~ | | | | | | 147.6 | 67.1 |
| 1/2 | | | | | 6.00 | | | | | | 172.6 | 66.4 |
| 1/3 | | | MILL DOWN | | | | | | | | | |
| | 94,950 | 6,305 | 60,850 | 18,630 | 5.19 | 20,025 | 0 | 11,390 | | | 142.2 | 68.0 |

SCM CONFIDENTIAL

5A 035188

R. [illegible] vy

W. D. Harrison

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | |
| 12/22 | 71.500 | 6,500 | 127,800 | 6.50 | | | 221.3 | 70.6 |
| 12/23 | | | | 6.50 | | | 254.6 | 64.0 |
| | | DOWN | | -- | | | 53.6 | 69.8 |
| | | DOWN | | -- | | | -- | -- |
| | | | | 6.92 | | | 195.1 | 69.8 |
| | | | | 6.84 | | | 228.7 | 71.2 |
| | 71.500 | 6,500 | 127,800 | 6.69 | | | 190.6 | 69.1 |
| 2 | 89,600 | 10,900 | 78,800 | 5.56 | 18,500 | 0 | 144.3 | 68.1 |
| 12/23 | | | | 5.75 | | | 149.4 | 71.7 |
| 12/24 | | DOWN | | -- | | | -- | -- |
| 12/25 | | DOWN | | -- | | | -- | -- |
| 12/26 | | | | 5.50 | | | 165.8 | 69.4 |
| 12/27 | | | | 5.53 | | | 99.4 | 73.8 |
| | 89,800 | 10,900 | 78,800 | 5.58 | 18,500 | 0 | 139.7 | 70.8 |

SCM CONFIDENTIAL

035109

R. M[illegible]vy

W. D. Harrison

**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | |
| 12/15 | 98,000 | 7,300 | 111,000 | | 7.00 | 173,500 | 18,100 | | | 211. |
| [illegible] | 109,700 | 7,880 | 122,500 | 40,500 | 7.00 | 121,300 | 14,880 | 53,800 | | 226. |
| | 113,000 | 11,280 | 127,000 | 44,800 | 6.92 | 88,100 | 5,180 | 37,800 | | 231. |
| | 108,500 | 9,190 | 139,200 | | 6.68 | | | | | 247. |
| | 82,200 | 7,850 | 135,500 | | 6.50 | | | | | 213. |
| | | | | | 6.50 | | | | | 153 |
| | 102,300 | 8,700 | 127,040 | 42,650 | 6.77 | 127,600 | 12,720 | 45,800 | | 214 |

** spot samples--at King poor waste treatment operations cause the exceptionally high results.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 105,800 | 6,770 | 87,400 | | 5.24 | 28,000 | 328 | | 153.3 | 71.3 |
| 12/16 | 99,100 | 9,125 | 85,000 | 40,800 | 6.00 | 29,000 | 1,000 | 24,600 | 182.4 | 74.8 |
| 12/17 | 94,000 | 10,150 | 59,400 | 33,000 | 5.94 | 19,800 | 618 | 19,050 | 172.0 | 73.8 |
| 12/18 | 89,000 | 9,450 | 72,400 | | 5.80 | 7,740 | 0 | | 178.9 | 71.4 |
| 12/19 | 100,500 | 8,910 | 73,100 | | 5.48 | | | | 154.2 | 69.2 |
| 12/20 | | | | | 4.69 | | | | 50.1 | 73.2 |
| | 97,680 | 8,880 | 75,460 | 36,900 | 5.52 | 21,140 | 486 | 21,825 | 146.8 | 72.3 |

SCM CONFIDENTIAL

HS 035103

W. D. Harrison

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | |
| 12/8 | 98,600 | 9,860 | 116,000 | | 6.[illegible]6 | 60,300 | 0 | | 28.0 | | | |
| 12/9 | [illegible] | [illegible] | 107,200 | [illegible] | [illegible] | 55,500 | 0 | [illegible] | [illegible] | 0.3 | | |
| 8 | [illegible] | [illegible] | 138,500 | 27,100 | 6.1[illegible] | 18,800 | 0 | 26,800 | [illegible] | [illegible] | | |
| 1 | | | | | 6.0[illegible] | | | | | | | |
| 12 | | | | | 6.8[illegible] | | | | | | | |
| 13 | | | | | [illegible] | | | | | | | |
| | [illegible] | [illegible] | [illegible] | [illegible] | 6.[illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | | |

Note: Bypassing at both mills. Effluent samples are spot samples.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 118,000 | 8,350 | 70,800 | | 5.66 | 12,500 | 0 | | 63.3 | | 182.5 | 7[illegible] |
| 12/9 | 120,500 | 9,[illegible] | 100,000 | 25,000 | 6.[illegible]0 | 16,500 | 1,250 | 31,700 | 81.7 | 12.8 | 180.1 | 7[illegible] |
| 12/10 | 11[illegible] | 10,[illegible] | 82,500 | 25,050 | 6.[illegible] | 13,0[illegible]0 | ~~[illegible]~~ 0 | 16,400 | 88.3 | [illegible] | 189.3 | 7[illegible] |
| 12/11 | 109,300 | 10,200 | 79,500 | | 5.96 | | | | | | 189.0 | 7[illegible] |
| 12/12 | | | | | 5.96 | | | | | | 156.3 | 72. |
| 12/13 | | | | | 5.95 | | | | | | 157.8 | 7[illegible] |
| | 114,500 | 9,700 | 83,220 | [illegible] | 5.92 | 24,670 | 417 | 19,050 | [illegible].8 | 23.7 | 175.9 | 74. |

SCM CONFIDENTIAL

SCM CONFIDENTIAL

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | |
| 12/ | | | | | -- | | | | | | |
| | | | | | -- | | | | | | |
| | | | | | 5.12 | | | | | | |
| | 114,500 | 7,630 | 120,800 | 48,000 | 7.6 | 62,400 | 0 | 26,700 | 45.5 | 42.5 | |
| | 100,900 | 6,930 | 129,900 | | 7.07 | 52,500 | 0 | | 47.9 | | |
| | | | | | 7.07 | | | | | | |
| | 107,700 | 7,280 | 125,850 | 48,000 | 6.72 | 57,450 | 0 | 26,700 | 46.7 | 42.5 | |

Note. Mill waste bypassing at each waste tank.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 112,500 | 13,450 | 75,700 | | 5.67 | | | | | | 151.6 74.9 |
| 12/2 | 124,200 | 8,010 | 82,400 | 40,600 | 5.82 | 11,630 | 0 | 26,100 | 90.6 | 65.6 | 166.8 74.0 |
| 12/3 | 131,200 | 11,270 | 98,500 | 34,000 | 6.21 | 44,000 | 779 | 30,000 | 66.6 | 11.8 | 175.9 72.2 |
| 12/4 | 107,300 | 10,120 | 83,400 | 38,400 | 6.25 | 35,950 | 1,820 | 18,100 | 66.6 | 52.7 | 173.9 72.2 |
| 12/5 | 108,900 | 6,860 | 109,000 | | 6.22 | | | | | | 174.1 73.3 |
| 12/6 | | | | | 6.28 | | | | | | 196.0 74. |
| | 116,820 | 10,005 | 89,800 | 37,670 | 6.08 | 30,530 | 866 | 24,730 | 74.6 | 33.4 | 173.0 73.5 |

SH 835112

W. D. Harrison

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | |
| 11/24 | 66,500 | 7,630 | 58,700 | | 4.69 | 13,300 | 0 | | 79.8 | 79.7 | 12 | |
| 11/25 | | | 58,100 | | 4.65 | 26,000 | 0 | 18,450 | | 54.0 | 1 | |
| | | | | | 4.69 | | | | | -- | 18 | |
| | | | | | 4.69 | | | | | | 2 | |
| | | | | | 4.49 | | | | | | 1 | |
| | | | | | 4.49 | | | | | | 2 | |
| | 66,500 | 7,630 | 58,400 | | 4.62 | 19,650 | 0 | 18,450 | 79.8 | 66.8 | 174.3 | 69.7 |
| | | | Note: Bypassing as usual! | | | | | | | | | |
| | 141,100 | 14,820 | 94,800 | | 7.11 | 31,950 | 0 | | 77.3 | | 181.0 | 75.2 |
| 11/25 | 82,300 | 6,910 | 50,970 | 23,900 | 5.10 | | | | | | 181.2 | 72.3 |
| 11/26 | | | | | 5.80 | | | | | | 162.1 | 72.7 |
| 11/27 | | | | | 5.80 | | | | | | 182.9 | 75.3 |
| 11/28 | | | | | 5.56 | | | | | | 163.6 | 71.2 |
| 11/29 | | | | | 5.56 | | | | | | 162.4 | 75.6 |
| | 111,700 | 10,865 | 72,885 | 23,900 | 5.82 | 31,950 | 0 | | 77.3 | | 172.2 | 73.7 |

SCM CONFIDENTIAL

BA 035113

SCM CONFIDENTIAL

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | |
| 11/17 | 115,300 | 10,600 | 103,500 | | 7.7x | 31,350 | 0 | | 67.5 | | 47.6 |
| | | | | | 5.05 | | | | | | 52.7 |
| | 71,500 | 6,660 | 70,x00 | 24,000 | x.83 | 29,000 | 0 | 14,650 | 59.4 | 39.2 | 6.7 |
| | 58,900 | 5,230 | 76,700 | 22,350 | x.x9 | 20,950 | 0 | 11,790 | 64.4 | 43.0 | 79.7 |
| | 107,600 | 6,075 | 51,x00 | | x.5o | | | | | | |
| | | | | | x.36 | | | | | | |
| | 78,320 | 7,141 | 77,000 | 25,180 | 5.27 | 27,100 | 0 | 13,220 | 65.8 | 41.1 | 46.7 |

Bypassing - King - A lot continually
Bryant - Occasionally

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .7 | 106,200 | 9,910 | 76,500 | | 5.40 | | | | | | 189.6 73.6 |
| 11/18 | 11x,600 | 9,040 | 118,700 | 33,750 | 6.19 | 34,000 | 0 | 28,800 | 70.2 | 14.6 | 163.1 73.4 |
| 11/19 | 112,000 | 7,760 | 94,900 | 28,250 | 6.00 | 46,100 | 1,500 | 25,900 | 59.0 | 8.3 | 184.1 72.5 |
| 11/20 | 103,200 | 9,210 | 98,x00 | 34,300 | 5.90 | 42,300 | 1,965 | 23,500 | 59.2 | 31.5 | 176.4 75.0 |
| 11/21 | 127,100 | 9,830 | 103,000 | | 5.89 | 36,300 | 1,225 | | | | 190.3 75.7 |
| 11/22 | | | | | 6.00 | | | | | | 226.9 71.1 |
| | 112,650 | 9,150 | 98,300 | 32,100 | 5.90 | 39,700 | 1,172 | 26,070 | 69.8 | 18.1 | 188.1 74.0 |

COM CONFIDENTIAL

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | | |
| 11/10 | | | | | 6.61 | | | | | | 48.3 | 173.3 | 70.4 |
| | 130,000 | 12,800 | 119,000 | 34,000 | 7.15 | | | | | | 65.2 | 183.0 | 70.5 |
| | 108,700 | 12,680 | 88,400 | 25,950 | 7.07 | 47,200 | 0 | 20,700 | 57.1 | 20.2 | 47.1 | 125.6 | 68.8 |
| | 121,800 | 11,770 | 75,300 | | 7.23 | 62,600 | 0 | | 48.5 | | 50.1 | 155.5 | 68.8 |
| | 119,200 | 10,580 | 120,800 | | 7.23 | 45,700 | 0 | | 61.7 | | 29.6 | 186.1 | 70.3 |
| | | | | | -- | | | | | | | | |
| | 119,900 | 13,460 | 100,900 | 29,980 | 7.06 | 51,800 | 0 | 20,700 | 55.8 | 20.2 | 48.1 | 164.7 | 69.8 |
| 11/10 | 85,000 | 7,490 | 67,600 | | 5.80 | 19,800 | 0 | | 76.7 | | | 167.6 | 71.1 |
| 11/11 | 105,200 | 9,040 | 91,000 | 30,750 | 6.25 | 18,750 | 0 | 20,500 | 82.2 | 33.3 | | 164.6 | 73.6 |
| 11/12 | | | 77,200 | | 6.86 | 33,200 | 572 | 21,200 | | | | 178.3 | 74.0 |
| 11/13 | 167,000 | 14,250 | 74,500 | | 6.63 | 47,500 | 1,935 | | 71.3 | | | 177.5 | 71.4 |
| 11/14 | 101,500 | 10,000 | 89,300 | | 6.69 | 37,900 | 1,950 | | 62.8 | | | 177.4 | 68.9 |
| 11/15 | | | | | 6.60 | | | | | | | 198.3 | 73.3 |
| | 114,680 | 10,495 | 79,920 | 30,750 | 6.47 | 31,430 | 891 | 20,850 | 73.2 | 33.3 | | 177.3 | 72.0 |

EH 035515

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | | |
| 11/3 | 82,400 | 6,500 | 107,000 | | 6.76 | 58,700 | 0 | | 28.8 | | 12.5 | 179.1 | 67.8 |
| 11/4 | | | 123,300 | | 7.40 | 22,200 | 0 | 33,600 | | | 47.3 | 179.3 | 70.0 |
| | | | | | 0.90 | | | | | | 29.1 | 198.9 | 69.2 |
| | 85,000 | 10,700 | 76,800 | | 5.58 | 22,350 | 0 | 16,100 | 73.9 | 35.6 | -- | 161.2 | 66.6 |
| | | | | | 5.88 | | | | | | - | 216.4 | 70.0 |
| | | | | | -- | | | | | | -- | | |
| | 84,000 | 8,600 | 102,400 | | 5.30 | 34,420 | 0 | 24,850 | 51.4 | 35.6 | 29.6 | 187.0 | 68.7 |
| | 125,000 | 12,610 | 88,600 | | 6.44 | 16,100 | 0 | | 87.1 | | | 161.9 | 77.8 |
| 11/4 | 118,500 | 6,820 | 86,600 | 34,400 | 6.28 | 18,850 | 0 | 24,500 | 84.1 | 29.5 | | 177.6 | 77.8 |
| 11/5 | 127,500 | 11,400 | 85,600 | 39,000 | 6.22 | 49,750 | 1,555 | 24,400 | 61.0 | 37.4 | | 176.3 | 78.2 |
| 11/6 | 135,500 | 8,820 | 88,300 | 40,200 | 6.61 | 50,200 | 1,925 | 27,400 | 62.9 | 31.8 | | 169.6 | 74.9 |
| 11/7 | | | | | | | | | | | | 166.6 | 73.8 |
| 11/8 | | | | | -- | | | | | | | 62.2 | 74.0 |
| | 126,000 | 9,910 | 87,300 | 37,900 | 6.39 | 33,700 | 8700 | 25,400 | 73.8 | 32.9 | | 152.1 | 76.0 |

COM CONFIDENTIAL

HS 035118

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | | |
| 10/27 | 102,700 | 8,830 | 114,200 | | 6.23 | 21,800 | 0 | | 78.8 | | 10.0 | 151.4 | 72.3 |
| 10/28 | 85,300 | 9,180 | 77,600 | 27,300 | 5.17 | 16,800 | 0 | 20,700 | 80.3 | 24.0 | 0 | 177.8 | 74.3 |
| 9 | | | 100,000 | | 6.16 | 30,800 | 0 | 23,350 | | | 15.4 | 201.4 | 74.3 |
| 0 | 78,000 | 4,880 | 90,800 | 29,200 | 5.31 | 19,490 | 0 | 23,900 | 75.0 | 18.2 | 0 | 208.7 | 71.6 |
| 1 | | | | | 6.84 | | | | | | 0 | 212.1 | 75.3 |
| | | | | | -- | | | | | | | | |
| | 88,700 | 7,030 | 95,650 | 28,250 | 5.94 | 22,150 | 0 | 22,650 | 78.0 | 21.1 | -- | 190.3 | 73.6 |
| 27 | 108,900 | 9,340 | 86,300 | | 5.74 | | | | | | | 178.0 | 71.9 |
| 10/28 | 100,000 | 5,930 | 63,880 | 27,400 | 6.05 | 22,200 | 0 | 20,700 | 77.8 | 24.5 | | 165.4 | 74.6 |
| 10/29 | 94,600 | 8,650 | 81,500 | 33,250 | 6.11 | 26,500 | 1,018 | 21,900 | 72.0 | 34.0 | | 146.0 | 74.1 |
| 10/30 | 107,900 | 9,420 | 89,000 | 32,000 | 6.10 | 22,900 | 763 | 29,400 | 78.2 | 9.5 | | 166.7 | 74.6 |
| 10/31 | | | | | | | | | | | | 162.6 | 62.7 |
| 11/1 | | | | | -- | | | | | | | | |
| | 102,850 | 8,335 | 80,150 | 30,880 | [illegible] | 23,870 | 594 | 24,000 | 76.0 | 22.7 | | 163.7 | [illegible] |

SCM CONFIDENTIAL

5A 035117

SCM CONFIDENTIAL

SCM CONFIDENTIAL

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1968 | | | | | | | |
| 10/[illegible] | | | | | 5.09 | 31.6 | 11 |
| 10/1[illegible] | [illegible] | 15,600 | 128,920 | 48,800 | 4.97 | 4.6 | 21 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 1 |
| 6 | [illegible] 000 | 12,020 | 105,300 | 36,200 | 4.90 | 47.6 | 2 |
| [illegible] | | | | | 6.2[illegible] | [illegible] | 1 |
| 8 | | | | | -- | [illegible] | |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |

* Drain valve open; higher influent flow ([illegible])

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | | | 80,[illegible] | | 6.18 | 42,100 | 0 | | | | 224.3 | 70. |
| 10/1[illegible] | [illegible] | 8,850 | 88,[illegible] | 39,[illegible] | 6.[illegible] | [illegible] | 0 | [illegible] | 21.3 | [illegible] | [illegible] | 66. |
| 10/[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 0 | [illegible] | [illegible] | [illegible] | [illegible] | 79. |
| 10/16 | 1[illegible]6,000 | 11,450 | 62,000 | 28,200 | 6.28 | 43,050 | 0 | 39,100 | 78.1 | 31.8 | 169.3 | 6[illegible]. |
| 10/17 | | | | | -- | | | | | | 154.1 | 69. |
| 10/1[illegible] | | | | | -- | | | | | | 155.6 | 71. |
| | 101,000 | 11,150 | 49,300 | 35,[illegible]60 | 6.24 | [illegible],9[illegible] | 0 | 60,000 | 79.6 | 41.2 | 174.7 | 73. |

5H 035119

SCM CONFIDENTIAL

82528 H5

SCM CONFIDENTIAL

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | | | |
| 9/29 | 104,500 | 13,600 | 120,500 | | 7.40 | 37,000 | 0 | | 64.6 | | 23.7 | 185.8 | 66.8 |
| 9/30 | 142,000 | 16,050 | 142,000 | | 7.40 | 48,700 | 0 | | 65.8 | | 37.9 | 205.4 | 67.1 |
| | 113,000 | 13,850 | 83,600 | | 6.92 | 37,750 | 0 | 26,000 | 68.4 | | 27.2 | 196.8 | 66.8 |
| 2 | 122,000 | 13,400 | 93,100 | 35,200 | 6.99 | | | | | | 24.8 | 170.6 | 66.4 |
| 3 | 92,000 | 11,200 | 89,100 | | 6.89 | | | | | | 9.1 | 148.9 | 68.1 |
| 4 | | | | | 6.89 | | | | | | 9.4 | 160.5 | 65.7 |
| | 114,700 | 13,620 | 105,660 | 35,200 | 7.08 | 41,150 | 0 | 26,000 | 66.3 | | | | |
| | | | | | | | | | | | 25.2 | 178.0 | 66.9 |
| | | | | | | | | | | 10/5 | 44.5 | | |
| 29 | | | | | 6.23 | 27,550 | 0 | | | | | 171.4 | 67.3 |
| 9/30 | | | 90,000 | | 6.00 | 15,500 | 0 | | | | | 176.2 | 67.7 |
| 10/1 | | | 70,300 | 39,500 | 6.75 | 48,400 | 2,735 | 25,100 | | 36.3 | | 160.3 | 65.5 |
| 10/2 | | | 84,00 | | 6.73 | 46,000 | 1,405 | 26,750 | | | | 151.6 | 69.1 |
| 10/3 | | | 73,700 | | 6.31 | 30,000 | 1,050 | | | | | 144.9 | 67.2 |
| 10/4 | | | | | 6.32 | | | | | | | 152.1 | 68.8 |
| | | | 79,500 | 39,50 | 6.31 | [illegible] | 1,040 | 25,925 | | 36.3 | | 159.6 | 67.7 |

SH 0351121

SCM CONFIDENTIAL

05512

# WATER QUALITY LABORATORY — WASTE PLANT REPORT

To: [illegible] Nelson — cc: C. A. Littlefield, A. Towne, B. [illegible]field, R. Bell, V. [illegible]
From: Wayne Kendrick — [illegible], [illegible], [illegible], [illegible], B. Buenger, D. Falvey

Date: [illegible]

| 1958 | Influent Solids | Influent Fibers | Influent Solids | Flow | Sludge Solids | Sludge Fibers | Sludge [illegible] | Removal % Efficiency Solids | Removal % Efficiency BOD | Waste Denver Time | Paper Ingredients Time | Paper Ingredients [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/22 | | | 91,300 | 7.32 | 22,600 | 0 | | | | 25.8 | 152.1 | 71. |
| 9/23 | | | 74,200 | 4.57 | 19,100 | 0 | | | | 57.0 | 167.5 | 70. |
| 9/24 | 131,000 | 11,600 | 92,400 | 7.15 | 31,000 | 0 | | 76.4 | | 40.3 | 165.9 | 71. |
| 9/25 | 133,300 | 24,750 | 118,000 | 7.07 | 40,500 | 0 | | 66.7 | | 34.0 | 181.9 | 65. |
| 9/26 | | | 108,000 | 7.20 | 27,600 | 0 | | | | 10.9 | 142.9 | 78. |
| 9/27 | | | | 6.99 | | | | | | -- | 189.1 | 66. |
| | 127,150 | 19,680 | 95,580 | 6.72 | 29,420 | 0 | | 71.5 | | 33.6 | 166.6 | 70. |
| 9/22 | 103,800 | 8,680 | 86,900 | 5.95 | 38,200 | 1,190 | | 66.4 | | | 182.1 | 79. |
| 9/23 | | | 66,720 | 6.67 | 31,200 | 835 | | | | | 164.5 | 74. |
| 7/24 | 111,300 | 9,910 | 102,000 | 6.11 | 56,150 | 1,020 | | 67.5 | | | 154.1 | 73. |
| 9/25 | 0-- | 8,350 | 76,900 | 6.16 | 50,300 | 2,440 | | | | | 159.3 | 66. |
| 9/26 | [illegible],300 | 6,840 | 110,200 | 6.30 | 42,500 | 2,630 | | 47.9 | | | 167.3 | 67. |
| 9/27 | | | | 6.39 | | | | | | | 96.3 | 67. |
| | 107,600 | 8,845 | 88,540 | 6.26 | 39,670 | 1,683 | | 60.6 | | | 155.9 | 71. |
| ABC Cider | | | | | [illegible],208 | | [illegible] | | | | | |

CONFIDENTIAL

# [illegible] WASTE TANK TESTS

To: Harley Nelson

From: Wayne Kendrick

cc: G. A. Littlefield, H. E. Johnston, E. H. Meehan, A. J. Towne, A. J. Gilman, A. M. Mulder, H Field, [illegible] Mendiola, S Stein, K Bell, B. Buenger, D. Talley, W. Wood

KING CRAWFISH

| Date 1/25 | INFLUENT (#/day) Susp. | Fiber | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Susp. | Fiber | BOD | Removal % Efficiency Susp. | BOD | Waste Paper Input Denver Tons | Long Tons | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/12 | [illegible] | 12,400 | 110,800 | | 6.99 | 30,900 | 0 | | 76.2 | | 45.2 | 170.6 | 81 |
| 9/16 | [illegible] | 6,765 | 101,300 | | [illegible] | [illegible] | 0 | | [illegible] | | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | 10,900 | [illegible] | | [illegible] | [illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | [illegible] |
| [illegible] | | | 115,700 | | 6.61 | [illegible] | 0 | | | | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | 11,750 | 76,100 | | 6.09 | [illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | 70 |
| [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | [illegible] |
| 13 | 206,[illegible] | 10,800 | 105,500 | | 6.0[illegible] | [illegible] | 0 | | 90.[illegible] | | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | 140,300 | | [illegible] | [illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | [illegible] |
| 9/[illegible] | [illegible] | [illegible] | 105,000 | | 6.15 | [illegible] | [illegible] | | | | [illegible] | 147.1 | 78. |
| 9/20 | | | | | 6.36 | | | | | | | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | 100,100 | | 6.24 | [illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | 77. |
| Wet Strength | | | | | | [illegible] | | [illegible] | | | | | |

·200 Mesh

CONFIDENTIAL 58 035123

SECRET
CONFIDENTIAL
EYES ONLY
025124

To: Hank Nelson — C. A. Littlefield — Levine — Reid — R. Bell — V. Scott
From: Wayne Kendrick — J. B. Johnston — Shilla — O. Richards — B. Buenger
J. H. Archer — Lunde — Stone — D. Harvey

Subject: MX Status

| Date 1958 | [illegible] (gal) | | [illegible] (gal) | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] % Difference | [illegible] | Waste Water Inf. Ammonia | Waste Water Inf. Nitrate |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/8 | 90,900 | 8,950 | 99,200 | | 6.61 | 25,700 | 0 | | 73.0 | 48.0 | 138.4 | 68.5 |
| 9/9 | | | 70,100 | | 6.02 | 18,520 | 0 | 13,850 | | 47.7 | 90.8 | 69.5 |
| | | | | | 5.72 | | | | | 43.2 | 101.5 | 76.0 |
| | | | | | 5.95 | | | | | 65.1 | 122.0 | 81.0 |
| 2 | 116,500 | 13,050 | 106,700 | | 6.73 | 33,050 | 0 | | 71.1 | 68.0 | 162.0 | 84.8 |
| 3 | | | | | 6.69 | | | | | 43.1 | 161.7 | 83.2 |
| | 103,850 | 11,000 | 93,000 | | 6.29 | 25,090 | 0 | 13,850 | 72.5 | 52.5 | 129.4 | 77.2 |
| | | | | | | | | | | | | |
| 8 | 128,000 | 14,520 | 70,600 | | 6.52 | 23,900 | 0 | | 81.4 | | 158.0 | 71.0 |
| 9/9 | 112,000 | 7,180 | 88,400 | 25,800 | 5.30 | 30,550 | 0 | 14,680 | 72.8 | 59.1 | 191.2 | 77.2 |
| 9/10 | | | | | 5.33 | | | | | | 197.1 | 78.8 |
| 9/11 | 126,000 | 10,090 | 108,200 | 39,000 | 6.04 | 53,800 | 3,020 | 26,500 | 57.8 | 32.0 | 178.2 | 80.3 |
| 9/12 | | | 95,600 | | 5.87 | 52,500 | 2,080 | | | | | |
| 9/13 | | | | | 6.00 | | | | | | 109.6 | 72.8 |
| | 122,700 | 10,600 | 90,700 | 37,400 | 5.84 | 40,190 | 1,275 | 20,590 | 70.7 | 45.5 | 167.5 | 76.6 |
| WRC Order | | | | | | 16,500 | | 11,100 | | | | |

[illegible] Mgd

SCM CONFIDENTIAL

| | | | | | | | Waste Paper Input Tons* | % Book ** |
|---|---|---|---|---|---|---|---|---|
| 9/1 | | | -- Mill Down-- | | | | -- | -- |
| 9/2 | | | -- Tank Dow n-- | | | | 150.0 | 67.5 |
| | | | --Tank Down-- | | | | 182.2 | 69.6 |
| | | | --Tank Down-- | | | | 241.1 | 68.6 |
| | | | --Tank Down-- | | | | 206.0 | 71.3 |
| | | | --Tank Down-- | | | | 180.7 | 69.2 |
| | | | | | | | 192.0 | 69.2 |

*Including Denver **of regular deinked system.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | | | --Mill Down-- | | | | | |
| 9/2 | 101,000 | 8,850 | 75,800 | 6.07 | 24,300 | 0 | 171.4 | 70.1 |
| 9/3 | 127,000 | 10,070 | 103,200 | 6.19 | 20,100 | 0 | 186.8 | 69.2 |
| 9/4 | 118,500 | 11,500 | 89,100 | 6.27 | 22,700 | 785 | 193.6 | 70.2 |
| 9/5 | 92,700 | 9,030 | 86,600 | 5.70 | 26,600 | 595 | 196.0 | 69.3 |
| 9/6 | | | 75,000 | 6.30 | 23,000 | 0 | 139.2 | 74.1 |
| | 109,800 | 9,860 | 85,940 | 6.11 | 23,340 | 276 | 177.4 | 70.6 |

SCM 035125

| | | | | | | | | | Waste Paper Input Tons | Waste Paper Input % Book |
|---|---|---|---|---|---|---|---|---|---|---|
| 8/25 | 83,100 | 15,400 | 72,000 | | 6.16 | 22,100 | 0 | | 144.7 | 66.3 |
| 8/26 | 122,800 | 17,400 | 107,500 | 28,950 | 6.79 | 75,400 | 0 | 23,300 | 147.3 | 70.1 |
| 27 | 147,000 | 15,150 | 104,700 | 36,100 | 6.61 | 67,700 | 0 | 31,600 | 188.6 | 69.4 |
| 28 | 112,800 | 15,850 | 106,100 | | 6.79 | 43,500 | 0 | | 165.3 | 68.5 |
| 29 | | | | | 6.30 | 35,200 | 0 | | 133.8 | 65.2 |
| /30 | | | | | | | | | 161.9 | 68.4 |
| | 116,400 | 15,950 | 97,570 | 32,520 | 6.53 | 46,780 | 0 | 27,150 | 156.9 | 68.0 |
| | | | | | | | | | Does not include Denver | |
| /25 | | | 73,600 | | 5.19 | 22,950 | 0 | | 182.8 | 69.3 |
| 8/26 | 98,400 | 8,150 | 76,500 | 27,600 | 6.12 | 37,150 | 1,148 | 14,750 | 175.3 | 69.4 |
| 8/27 | 65,000 | 5,280 | 70,400 | 21,950 | 6.04 | 36,200 | 1,510 | 16,080 | 161.9 | 69.6 |
| 8/28 | 84,500 | 11,700 | 63,750 | | 6.38 | 18,600 | 1,328 | | 129.3 | 70.6 |
| 8/29 | 131,500 | 13,200 | -- | | 6.34 | 35,400 | 0 | | 162.4 | 69.8 |
| 8/30 | | | | | | | | | 179.2 | 70.3 |
| | 94,850 | 9,580 | 71,060 | 24,750 | 6.01 | 30,060 | 797 | 15,420 | 165.2 | 69.8 |

SCM CONFIDENTIAL

13360

35

SCM CONFIDENTIAL

| | | | | | | | | | Waste Paper input tons Total | % Book |
|---|---|---|---|---|---|---|---|---|---|---|
| 8-11 | | | | | 5.8[illegible] | | | | 219.2 | 58.4 |
| [illegible] | | | 43,5[illegible]0 | | [illegible] | [illegible],000 | 0 | [illegible] | 188.5 | [illegible] |
| [illegible] | 83,600 | 9,750 | 102,000 | 32,800 | 5.10 | 32,700 | 0 | 17,000 | 146.[illegible] | 76.4 |
| [illegible] | | | | | 5.65 | [illegible] | 0 | [illegible],100 | 169.[illegible] | 63.3 |
| [illegible] | 89,200 | 13,220 | 80,200 | 22,500 | 5.[illegible] | [illegible] | 0 | 13,[illegible] | 180.2 | [illegible] |
| [illegible] | | | | | [illegible] | [illegible] | 0 | | 107.[illegible] | [illegible] |
| | 86,[illegible]00 | 11,485 | 75,200 | 27,[illegible]00 | [illegible] | [illegible] | 0 | 12,[illegible] | 156.9 | 69.0 |
| 5-11 | 111,500 | 14,600 | 83,700 | | 6.48 | 29,700 | 0 | | 179.0 | 68.9 |
| [illegible] | 10[illegible] | 9,3[illegible] | [illegible] | [illegible] | 6.10 | 15,250 | 0 | 20,000 | 19[illegible] | 69.3 |
| 8-13 | 96,300 | 11,600 | [illegible],500 | 40,600 | 6.49 | 14,050 | 0 | [illegible] | 172.6 | [illegible].2 |
| 8-14 | 82,100 | 14,400 | | 25,150 | 6.10 | 17,050 | 1,055 | 11,350 | 165.8 | 71.0 |
| 8-15 | | | 64,800 | | 6.56 | 40,500 | 1,912 | 20,700 | 108.4 | 70.5 |
| 8-16 | | | | | 6.40 | 18,100 | 0 | | 109.[illegible] | 70.5 |
| | 99,900 | 12,480 | 82,280 | 33,180 | 6.40 | 22,440 | 495 | 18,160 | 155.4 | 69.9 |

SCM CONFIDENTIAL

| | | | | | | | | | Waste Paper Input Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|
| 8/4 | 76,800 | 8,790 | 106,500 | | 6.39 | 27,650 | 0 | | 107.5 | 55.5 |
| 8/5 | 79,800 | 6,720 | | 36,700 | 6.16 | 21,500 | 0 | 25,000 | 187.9 | 67.8 |
| 6 | | | | | 6/16 | | | | 178.1 | 64.7 |
| 7 | 85,100 | 5,760 | 107,500 | 29,400 | 6.02 | 17,010 | 0 | 18,630 | 175.9 | 57.8 |
| 8 | 108,200 | 7,450 | 98,000 | 25,700 | 5.87 | 30,400 | 0 | 18,170 | 133.7 | 74.0 |
| 9 | | | 97,000 | | 5.18 | 20,700 | 0 | | 126.3 | 71.3 |
| | 87,500 | 7,180 | 102,250 | 30,600 | 6.01 | 28,250 | 0 | 20,600 | 151.6 | 65.2 |
| /4 | 111,300 | 11,850 | 75,100 | | 6.24 | 23,900 | 0 | | 163.8 | 71.9 |
| 8/5 | 111,000 | 8,500 | | 43,800 | 6.34 | 22,200 | 0 | 29,700 | 188.2 | 70.0 |
| 8/6 | | | 94,500 | | 6.30 | 31,500 | 1,310 | | 172.2 | 70.2 |
| 8/7 | | | | | 6.57 | 31,800 | 1,320 | 19,500 | 173.4 | 71.6 |
| 8/8 | 110,000 | 12,450 | 93,500 | 40,200 | 6.23 | | | | 179.5 | 70.7 |
| 8/9 | | | 98,600 | | 6.40 | 22,400 | 0 | | | |
| | 110,800 | 10,930 | 90,500 | 42,000 | 6.35 | 26,360 | 526 | 24,600 | 165.00 | 70.9 |

SCM CONFIDENTIAL

SCM CONFIDENTIAL

| | | | | | | | | | Deinked Stock Input XXXXXXX | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Tons | % Book |
| 7/28 | 94,500 | 8,790 | 123,300 | | 6.30 | 30,400 | 0 | | 185.4 | 66.2 |
| 7/29 | 102,500 | 7,830 | | | 6.10 | 30,700 | 0 | | 214.7 | 65.7 |
| /30 | 92,000 | 8,280 | | 31,800 | 5.94 | 23,250 | 0 | 20,250 | 191.8 | 65.6 |
| /31 | 85,200 | 7,070 | 101,500 | 34,800 | 5.80 | 22,250 | 0 | 21,200 | 178.2 | 69.5 |
| /1 | 57,800 | 4,370 | 59,600 | | 5.51 | 16,050 | 0 | | 124.5 | 70.0 |
| /2 | | | 107,500 | | 5.72 | 17,100 | 0 | | 181.2 | 72.4 |
| | 86,400 | 7,260 | 97,670 | 33,300 | 5.90 | 22,020 | 0 | 20,720 | 179.3 | 68.2 |
| 7/28 | | | 96,500 | | 6.25 | 24,000 | 0 | | 169 7 | 75.3 |
| 7/29 | 93,000 | 9,150 | 86,400 | | 6.10 | 37,600 | 0 | | 185 | 72.8 |
| 7/30 | 111,300 | 8,880 | | 38,700 | 6.10 | 35,000 | 1,885 | 19,100 | 177 | 70.4 |
| 7/31 | 115,200 | 8,430 | 153,200 | 46,300 | 6.52 | 57,500 | 2,170 | 35,100 | 170 | 70.1 |
| 8/1 | 122,000 | 8,030 | 101,200 | | 6.40 | 40,700 | 1,870 | | | |
| 8/2 | | | | | 6.40 | 42,200 | 1,200 | | 191.5 | 71.0 |
| | 111,100 | 8 620 | 104,300 | 42,500 | 6.36 | 39,500 | 1,187 | 27,100 | 177 | 72.0 |

SM 035130

[illegible]ey Nelson
[illegible] Wayne E. Kendrick

cc. G. A. Littlefield, H. B. Johnston, J. P. McClure, G. A. Towne, E. J. Gilman, A. M. Milder, H. Field, D. Mendon, S. Stetz, R. Bell, B. Buenger, O. Falvey, V. [illegible]

[illegible]NG DIVISION

| Date | INFLUENT (#/day) Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/14 | | | | | | 4.49 | | | | | Lack of data due to |
| 15 | | 42,100 | 20,600 | 61,900 | | 4.13 | | | | | maintenance of samp- |
| 16 | | 65,200 | 8,590 | 85,600 | | 5.72 | | | | | ling and tank equipment |
| 17 | | | | | | 6.09 | | | | | |
| 18 | | | | | | 6.36 | | | | | |
| 19 | | | | 85,100 | | 6.02 | 19,000 | 0 | | | |
| | | 53,650 | 14,595 | 77,530 | | 5.47 | 19,000 | 0 | | | |
| [illegible] | | | | | | | | | | | |
| [illegible] DIVISION | | | | | | | | | | | |
| /14 | | 81,500 | 11,500 | 54,300 | | 5.01 | 24,600 | 418 | | | Same as above |
| 7/15 | | | | | | 6.11 | 21,950 | 762 | | | |
| 7/18 | | 76,600 | 12,100 | 71,800 | | 5.38 | 34,100 | 673 | | | |
| 7/17 | | | | | | 4.38 | | | | | |
| 7/18 | | | | | | 6.72 | | | | | |
| 7/19 | | | | | | 6.46 | | | | | |
| /8 | | 79,050 | 11,800 | 63,050 | | 5.68 | 76,880 | 614 | | | |
| [illegible] Order | | | | | | | 76,500 | | | 11,100 | |

SCM CONFIDENTIAL

SA 035131

SCM CONFIDENTIAL

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7/7 | | | | | | | | | DOWN |
| 7/8 | | | | | | | | | " |
| 9 | | | | | | | | | " |
| 10 | | | | | | | | | " |
| 11 | | | | | | | | | " |
| /12 | | | | | | | | | " |
| | | | | | | | | | |
| | | | | | | | | | |
| [illegible] | | 113,200 | 10,490 | 82,000 | | 6.14 | 25,100 | 0 | |
| 7/8 | | 132,000 | 15,200 | 101,000 | 28,450 | 6.06 | 26,800 | 757 | 21,500 |
| 7/9 | | 109,200 | 9,820 | 110,600 | 27,250 | 6.04 | 48,800 | 3,280 | 23,800 |
| 7/10 | | 83,200 | 9,830 | 98,000 | 33,500 | 6.20 | 32,550 | 1,290 | 25,300 |
| 7/11 | | 97,700 | 10,080 | 93,000 | 30,300 | 6.20 | 42,400 | 774 | 20,500 |
| 7/12 | | 104,000 | 9,360 | 98,000 | | 6.60 | 25,800 | 825 | |
| | | 106,550 | 10,800 | 97,130 | 29,900 | 6.21 | 33,570 | 1,385 | 22,780 |
| [illegible] | | | | | | | 75,500 | | 11,100 |

SECRET CONFIDENTIAL

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 6/30 | 67,700 | 16,520 | 93,600 | 6.01 | 21,500 | 0 | Lack of samples due to |
| 7/1 | | | | 6.40 | | | sampling difficulties |
| | | | | 6.22 | 21,250 | 0 | |
| | | | | 3.84 | | | |
| | | | | | | | DOWN |
| 5 | | | | | | | " |
| | 67,700 | 16,520 | 93,600 | 6.44 | 21,385 | 0 | |
| | | | | | | | |
| /30 | | | | | | | DOWN |
| 7/1 | | | | | | | " |
| 7/2 | | | | | | | " |
| 7/3 | | | | | | | " |
| 7/4 | | | | | | | " |
| 7/5 | | | | | | | " |

SH 035133

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 6/23 | 53,800 | 6,700 | 81,000 | | 5.72 | 23,350 | 0 | |
| 6/24 | | | | | 5.87 | 14,200 | 0 | 10,230 |
| 25 | 67,000 | 6,750 | 96,600 | 28,800 | 5.76 | 10,120 | 0 | 13,800 |
| 26 | 73,700 | 9,410 | 86,600 | 30,200 | 5.78 | 6,750 | 0 | 13,400 |
| 27 | 66,500 | 6,350 | 101,500 | | 6.09 | 6,350 | 0 | |
| /28 | 71,700 | 8,690 | 106,500 | | 5.80 | 9,190 | 0 | |
| | 66,540 | 7,580 | 94,440 | 29,500 | 5.84 | 11,660 | 0 | 12,440 |
| /23 | 127,000 | 10,550 | 108,200 | | 6.48 | 25,400 | 1,080 | |
| 6/24 | 98,000 | 10,700 | 96,400 | 33,100 | 6.42 | 26,200 | 1,070 | 19,400 |
| 6/25 | 111,000 | 13,500 | 97,500 | 38,400 | 6.50 | 24,350 | 1,625 | 24,150 |
| 6/26 | 83,600 | 10,250 | 97,100 | 35,100 | 6.47 | 22,200 | 1,620 | 19,130 |
| 6/27 | 121,000 | 12,680 | 107,700 | | 7.60 | 24,700 | 728 | |
| 6/28 | 59,250 | 11,450 | 44,700 | | 5.98 | 12,450 | 249 | |
| | 98,510 | 11,520 | 91,930 | 35,530 | 6.57 | 22,550 | 1,062 | 20,890 |

SCM CONFIDENTIAL

## WEEKLY SUMM[illegible]Y - WASTE TANK TESTS

To: H[illegible], Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, H. B. Johnston, J. H. McClure, G. A. Towne, E. J. Gilman, A. M. Mulder, H. Field, D. Mendon, S. Stetz, R. Bell, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/16 | | 86,800 | 96,170 | 93,800 | | 5.92 | 22,700 | 0 | | | |
| 6/17 | | 75,800 | -- | 96,800 | 22,600 | 5.80 | 19,350 | 0 | | | |
| /18 | | 65,800 | 5,250 | 90,900 | 18,400 | 5.72 | | | | | |
| /19 | | 64,100 | 7,180 | 89,500 | 22,800 | 5.65 | 17,900 | 0 | | 13,150 | |
| /20 | | 80,000 | 6,760 | 83,800 | | 5.58 | 22,800 | 0 | | | |
| 6/21 | | | | | | 5.55 | | | | | |
| Avg. | | 74,500 | 6,340 | 90,960 | 21,270 | 5.69 | 20,690 | 0 | | 13,150 | |
| WRC Order | | | | | | | 53,700 | | | 16,300 | |

BRYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/16 | | 105,000 | 12,450 | 82,300 | | 6.36 | 29,700 | 0 | | | Lower flows at Bryant |
| 6/17 | | 118,200 | 9,680 | 99,500 | 35,400 | 6.63 | 42,000 | 1,380 | | 19,500 | due to diversion of som |
| 6/18 | | 103,200 | 9,130 | 94,200 | 26,700 | 6.45 | 45,200 | 2,420 | | 21,650 | thin waste waters direct |
| 6/19 | | 104,500 | 8,450 | 104,300 | 38,400 | 6.76 | 37,100 | 1,550 | | 25,600 | ly to stream. |
| 6/20 | | 117,000 | 10,100 | 87,400 | | 6.56 | 31,700 | trace | | -- | |
| 6/21 | | | | | | | | | | | |
| Avg | | 109,600 | 9,960 | 93,540 | 33,500 | 6.55 | 37,140 | 1,070 | | 22,250 | |
| WRC Order | | | | | | | 76,500 | | | 11,100 | |

* 200 Mesh

SCM CONFIDENTIAL

WEEKLY SUMMA Y - WASTE TANK TESTS

To: Ha[illegible]y Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, H. B. Johnston, J. H. McClure, G. A. Towne, E. J. Gilman, A. M. Mulder, H. Field, D. Mendon, S. Stetz, R. Bell, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/9 | | | | 73,600 | | 5.92 | 21,100 | 0 | | 13,700 | |
| 10 | | 86,600 | 8,380 | 93,800 | 28,100 | 5.92 | 30,600 | 0 | | 16,800 | |
| 1 | | 68,700 | 7,010 | 82,250 | 25,500 | 5.80 | 18,400 | 0 | | 15,400 | |
| 2 | | 58,600 | 7,680 | 53,600 | | 5.58 | 10,250 | 0 | | | |
| 3 | | 73,100 | 8,870 | 81,500 | | 5.92 | 13,800 | 0 | | | |
| 4 | | | | | | 6.09 | | | | | |
| 6 | | 71,750 | 7,980 | 76,950 | 26,600 | 5.87 | 18,830 | 0 | | 15,300 | |
| WRC Order | | | | | | | [illegible] | | | [illegible] | |

RYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | | 99,500 | 13,650 | 91,200 | 32,600 | 7.28 | 31,500 | 0 | | 12,250 | |
| 6/10 | | 104,800 | 10,620 | 100,000 | 38,400 | 7.49 | 19,990 | 1,250 | | 19,600 | |
| 6/11 | | 112,500 | 10,500 | 37,100 | 40,800 | 7.41 | 65,400 | 6,800 | | 29,100 | |
| 6/12 | | 140,300 | 9,180 | 85,700 | | 7.35 | 29,400 | 2,450 | | | |
| 6/13 | | 106,300 | 13,550 | 111,000 | | 7.41 | 34,600 | 1,850 | | | |
| 6/14 | | | | | | | | | | | |
| Avg. | | 112,680 | 11,500 | 85,000 | 37,270 | 7.39 | 36,180 | 2,470 | | 20,320 | |
| WRC Order | | | | | | | 76,500 | | | 11,100 | |

* 200 Mesh

SCM CONFIDENTIAL

SCM CONFIDENTIAL

## WEEKLY SUMMARY - WASTE TANK TESTS

To: H[redacted], Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, G. A. Towne, H. Field, R. Bell, V. Weaver, H. B. Johnston, E. J. Gilman, D. Mendon, B. Buenger, J. H. McClure, A. M. Mulder, S. Stetz, D. Falvey

KING DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/2 | | 77,700 | 10,260 | 86,600 | 23,300 | 6.31 | 52,000 | 0 | | 19,560 | |
| 6/3 | | | | 68,300 | | 6.31 | 59,900 | 0 | | 20,500 | |
| | | 67,200 | 6,170 | 108,500 | 24,300 | 5.92 | 52,500 | 0 | | 16,400 | |
| | | 80,000 | 6,400 | 83,800 | 27,300 | 5.92 | 71,000 | 0 | | 22,880 | |
| | | 75,400 | 8,380 | 97,800 | | 5.58 | 54,500 | 0 | | | |
| 7 | | | | | | 5.51 | | | | | |
| | | 75,080 | 7,800 | 89,000 | 24,970 | 5.92 | 59,980 | 0 | | 19,740 | |
| WRC Order | | | | | | | 53,700 | | | 16,300 | |

BRYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/2 | | 97,300 | 18,550 | 78,900 | 28,700 | 7.29 | | | | | |
| 6/3 | | 100,000 | 10,200 | 74,200 | 23,100 | 7.42 | | | | | |
| 6/4 | | 92,580 | 10,450 | 107,700 | 32,800 | 7.59 | | | | | |
| 6/5 | | 101,300 | 12,000 | 69,400 | 32,850 | 7.58 | | | | | |
| 6/6 | | 117,200 | 10,620 | 109,500 | | 6.90 | 57,500 | 4,030 | | | |
| 6/7 | | | | | | | | | | | |
| Avg. | | 101,660 | 12,360 | 87,940 | 29,360 | 7.36 | 57,500 | 4,030 | | | |
| WRC Order | | | | | | | 76,500 | | | 11,100 | |

* 200 Mesh

WEEKLY SUMMARY - WASTE TANK TESTS

To: H[illegible]y Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, H. B. Johnston, J. H. McClure, G. A. Towne, E. J. Gilman, A. M. Mulder, H. Field, D. Mendon, S. Stetz, R. Bell, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/26 | | 86,000 | 12,000 | 75,600 | 30,500 | 6.26 | 24,000 | 0 | | 16,820 | |
| 5/27 | | 85,200 | 7,790 | 83,200 | 26,500 | 6.23 | 37,400 | 0 | | 20,500 | |
| 28 | | | | 70,200 | | 6.02 | 60,180 | 0 | | | |
| 29 | | 77,400 | 6,880 | 99,200 | | 5.80 | 37,200 | 0 | | | |
| 30 | | | | | | 5.72 | | | | | |
| 31 | | | | | | | | | | | |
| [illegible] | | 82,670 | 5,890 | 82,050 | 28,500 | 6.01 | 39,690 | 0 | | 18,660 | |
| WRC Order | | | | | | | [illegible] | | | [illegible] | |

BRYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| /26 | | 97,000 | 9,440 | 92,600 | 31,200 | 7.66 | 53,000 | 3,190 | | 21,000 | |
| 5/27 | | 108,200 | 8,500 | 126,000 | 36,500 | 7.56 | 68,600 | 3,780 | | 30,900 | |
| 5/28 | | 109,800 | 6,790 | 67,900 | | 7.40 | | | | | |
| 5/29 | | 94,600 | 7,010 | 108,500 | | 7.66 | 42,800 | 957 | | | |
| 5/30 | | | | | | | | | | | |
| 5/31 | | | | | | | | | | | |
| [illegible] | | 102,400 | 7,940 | 98,750 | 33,800 | 7.57 | 54,800 | 2,642 | | 25,950 | |
| WRC Order | | | | | | | 76,500 | | | 11,100 | |

*200 Mesh

SCM CONFIDENTIAL

SCM CONFIDENTIAL

# WEEKLY SUMMARY - WASTE TANK TESTS

To: H. [redacted] Nelson
From: Wayne E. Kendrick

cc: C. A. Littlefield [redacted] G. A. Towne H. Field R. Bell [redacted] V. Weaver
H. B. Johnston E. J. Gilman D. Mendon B. Buenger
J. H. McClure A. M. Mulder S. Stetz D. Falvey

ING DIVISION

| Date 958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/19 | | 76,300 | 11,400 | 82,200 | | 6.36 | 18,550 | 0 | | | |
| 5/20 | | 82,000 | 6,940 | 92,600 | 17,420 | 5.94 | 14,350 | 0 | | 14,260 | |
| 1 | | 78,400 | 6,320 | 91,600 | 18,600 | 5.94 | 22,800 | 0 | | 17,600 | |
| 2 | | 71,500 | 5,650 | 82,300 | 17,700 | 5.65 | 16,000 | 0 | | 16,850 | |
| 23 | | 67,500 | 7,050 | 70,500 | 15,800 | 5.65 | 22,100 | 0 | | 15,800 | |
| 24 | | | | 88,400 | | 5.73 | 16,150 | 0 | | | |
| 6 | | 75,220 | 7,470 | 84,430 | 17,380 | 5.88 | 18,660 | 0 | | 16,130 | |
| NRC Order | | | | | | | [illegible] | | | [illegible] | |

RYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | | 98,100 | 11,200 | 91,700 | | 7.26 | 26,600 | 0 | | | |
| 5/20 | | 116,000 | 6,320 | 111,000 | 24,500 | 7.41 | 33,500 | 0 | | 15,700 | |
| 5/21 | | 96,800 | 8,550 | 112,100 | 25,600 | 7.08 | 31,900 | 737 | | 24,200 | |
| 5/22 | | 96,700 | 11,900 | 104,000 | 18,350 | 7.33 | 27,900 | 1,540 | | 15,800 | |
| 5/23 | | 106,700 | 8,200 | 119,500 | 16,190 | 7.57 | 21,400 | 5,370 | | 17,200 | |
| 5/29 | | | | | | | | | | | |
| Avg. | | 102,860 | 9,230 | 105,860 | 21,140 | 7.33 | 42,260 | 1,530 | | 18,220 | |
| NRC Order | | | | | | | 76,500 | | | 11,100 | |

* 200 Mesh

SM 053139

WEEKLY SUMMARY - WASTE TANK TESTS

To: H. [illegible], Nelson
From: Wayne E. Kendrick

cc: G. A. Littlefield, H. B. Johnston, J. H. McClure, G. A. Towne, E. J. Gilman, A. M. Mulder, H. Field, D. Mendon, S. Stetz, R. Bell, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| Date 1958 | INFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/12 | | | | | | | | | | | King flow is low due to |
| 5/13 | | | | | | | | | | | pump operation. Flow |
| 14 | | 85,800 | 12,490 | 91,000 | | 6.23 | 11,450 | 0 | | | recorded in the amount |
| 15 | | 65,800 | 11,080 | 60,340 | | 6.03 | 17,100 | 0 | | | through tank only and |
| 16 | | 72,000 | 8,960 | 82,300 | | 5.80 | 21,300 | 0 | | | not total mill effluent. |
| /17 | | | | | | 5.65 | 16,950 | 0 | | | |
| vg | | 74,500 | 10,840 | 77,800 | | 5.92 | 16,700 | 0 | | | |
| RC Order | | | | | | | 53,700 | | | 16,300 | |

RYANT DIVISION

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| /12 | | 71,750 | 7,800 | | | 6.24 | | | | | |
| 5/13 | | 105,800 | 13,250 | | | 7.21 | | | | | |
| 5/14 | | 105,900 | 11,550 | 103,500 | | 7.25 | | | | | |
| 5/15 | | 94,200 | 12,170 | 101,000 | | 7.29 | | | | | |
| 5/16 | | | | | | 7.12 | | | | | |
| 5/17 | | | | | | 7.25 | | | | | |
| Avg. | | 94,400 | 11,190 | 102,500 | | 7.06 | | | | | |
| WRC Order | | | | | | | 76,500 | | | 11,100 | |

* 200 Mesh

SCM CONFIDENTIAL

W. E. Kendrick

| 1958 | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/6 | | | | | | | 96,100 | 21,300 | 91,600 | | 24,300 | 8,460 | 60,700 | |
| | | 87,400 | 10,650 | 95,400 | | | 115,100 | 20,900 | 104,800 | | 48,600 | 6,240 | 73,600 | |
| | | 96,000 | 7,630 | 95,500 | | | 109,000 | 17,100 | 107,900 | | | | 68,500 | |
| | | 85,800 | 10,650 | 94,600 | | | 95,600 | 16,100 | 92,700 | | 56,500 | 5,040 | 59,000 | |
| 10 | | 101,300 | 11,700 | 98,600 | | | | | | | 60,500 | 8,530 | 41,600 | |
| 11 | | 92,620 | 10,160 | 96,020 | | | 104,000 | 18,850 | 99,200 | | 47,480 | 7,070 | 60,680 | |
| 6 | 7.59 | | | | | 7.85 | 30,100 | 0 | | | 5.20 | 2,090 | 0 | |
| 7 | 6.36 | 141,500 | 15,650 | | | 7.39 | | | | | 5 35 | 12,050 | 0 | |
| 1/8 | 7.63 | 27,600 | 11,600 | | | 7.19 | 31,750 | 0 | | | 5.30 | 4,860 | 0 | |
| 1/9 | 7.10 | 29,000 | 444 | | | 6.55 | | | | | 5.25 | 12,700 | 0 | |
| 1/10 | 7.39 | 30,200 | 108 | | | 6.39 | 30,350 | 0 | | | 5 00 | 17,100 | 0 | |
| 1/11 | 7.52 | 98,400 | 10,050 | | | | | | | | | | | |
| | 7.25 | -- | -- | | -- | 7.10 | 30,730 | 0 | | | 5.20 | 9,760 | 0 | |
| | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | 31,900 | | 10,100 |

*All Bryant effluent samples are spot samples!

SCM CONFIDENTIAL

SH 035141

T. [illegible]

FROM: W. E. Kendrick

# WEEKLY SUMMARY - WASTE TANK TESTS

(1955) not complete

| INFLUENT | BRYANT (#/day) | | | | | KING (#/day) | | | | | MONARCH (#/day) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date 1955 | Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD |
| 12/30 | | 89,600 | 8,320 | 52,400 | | | | | | | | 41,700 | 5,580 | 61,100 | |
| 31 | | 83,000 | 5,050 | 93,400 | | | | | | | | | | | |
| | | 95,400 | 5,040 | 74,700 | | | | | | | | | | | |
| | | 113,700 | 2,440 | 46,700 | | | 100,200 | 23,150 | 113,000 | | | 49,600 | 8,550 | 73,000 | |
| | | 73,000 | 6,540 | 51,000 | | | 74,700 | 14,290 | 61,700 | | | 41,200 | 13,130 | 58,400 | |
| | | 155,500 | 12,450 | 46,500 | | | | down | | | | | down | | |
| | | 101,700 | 6,640 | 60,780 | | | 87,450 | 16,720 | 97,350 | | | 44,170 | 9,090 | 64,170 | |
| EFFLUENT | | | | | | | | | | | | | | | |
| /30 | 7.17 | 41,900 | 3,010 | | | -- | | | | | 5.05 | 8,840 | 0 | | |
| /31 | 7.65 | 70,300 | 2,520 | | | 7.46 | | | | | 3.95 | | | | |
| 1/1 | 7.65 | | | | | 7.45 | | | | | 4.00 | | | | |
| 1/2 | 7.40 | | | | | 7.12 | 13,680 | 0 | | | 5.00 | 12,900 | 0 | | |
| 1/3 | 7.19 | | | | | 7.00 | 29,700 | 0 | | | 5.00 | | | | |
| 1/4 | 7.50 | | | | | | | down | | | | | down | | |
| [illegible] | 7.43 | 56,100 | 2,760 | | | 7.26 | 21,690 | 0 | | | 4.60 | 10,870 | 0 | | |
| WRC Order | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | 31,900 | | | 10,100 |

*250 Mesh Wire

SCM CONFIDENTIAL

W. E. Kendrick

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | |
| 3/3 | | 92,800 | 15,550 | 84,900 | | 81,800 | 10,300 | 90,300 | | down |
| 4 | | 117,500 | 13,520 | 99,400 | 31,800 | 101,000 | 12,000 | 110,500 | 29,800 | |
| 5 | | 133,300 | 9,910 | 115,000 | | 84,900 | 9,260 | 109,000 | | |
| 6 | | 160,100 | 16,770 | 108,700 | | 79,750 | 7,740 | 110,300 | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| | | 125,900 | 13,940 | 102,000 | 31,800 | 86,860 | 9,820 | 105,020 | 29,800 | |
| /3 | 7.84 | | | | | 6.67 | 19,170 | 0 | | down |
| /4 | 7.46 | 85,100 | 7,620 | | 24,850 | 6.62 | 30,400 | 0 | 13,380 | |
| 3/5 | 7.66 | | | | | 6.54 | 21,250 | 0 | | |
| 3/6 | 7.45 | | | | | 7.15 | 23,250 | 0 | | |
| 3/7 | | | | | | 7.15 | | | | |
| 3/8 | | | | | | | | | | |
| | 7.670 | 85,100 | 7,620 | | 24,850 | 6.83 | 23,520 | 0 | 13,380 | |
| | | 76,500 | | | 11,100 | | 53,700 | | 16,300 | |

SCM CONFIDENTIAL

83143

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/24 | | 115,800 | 8,680 | 95,900 | | | | | | | |
| 2/25 | | | | 106,500 | | | 74,100 | 9,480 | 99,200 | | |
| 2/26 | | | | | | | 83,100 | 11,910 | 102,500 | | |
| 2/27 | | 107,500 | 9,510 | 115,700 | 31,300 | | | | 109,500 | | |
| 2/28 | | 102,200 | 9,660 | 113,500 | 38,000 | | 102,000 | 16,050 | 97,400 | 34,000 | |
| 3/1 | | | | | | | | | 118,000 | | |
| | | 108,500 | 9,280 | 107,900 | 34,650 | | 86,400 | 12,450 | 105,300 | 34,000 | |
| .4 | 7.19 | | | | | | | | | | down |
| 25 | 7.50 | 97,500 | 5,690 | | | | | | | | |
| 26 | 7.61 | 134,000 | 9,020 | | | 7.24 | 15,680 | 0 | | | |
| 27 | 7.12 | 67,100 | 3,120 | | 26,750 | 6.92 | 17,310 | 0 | | 15,800 | |
| 28 | 8.01 | 78,100 | 4,170 | | 25,500 | 7.07 | 25,350 | 0 | | 15,400 | |
| /1 | 7.74 | | | | | 7.07 | 13,550 | 0 | | | |
| | 7.53 | 94,200 | 5,500 | | 26,130 | 7.08 | 17,970 | 0 | | 15,600 | |
| | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | |
| | 7.53 | 84,000 | 5,780 | | 22,700 | 7.00 | | | | | |
| | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | |

SCM CONFIDENTIAL
SH 033144

W. E. Kendrick

1958

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/3 | | 107,100 | 10,000 | 80,000 | | | 112,800 | 20,550 | 97,300 | | down |
| /4 | | 88,200 | 6,790 | 101,000 | 28,550 | | 138,900 | 21,050 | 135,000 | 40,300 | |
| /5 | | | | | | | | | 118,900 | | |
| /6 | | 105,600 | 10,280 | 120,100 | | | 100,700 | 20,200 | 112,000 | | |
| :/7 | | 102,800 | 8,320 | 110,000 | | | 88,000 | 20,000 | 128,500 | | |
| 2/8 | | 85,500 | 9,510 | 111,000 | | | | | | | |
| | | 97,850 | 8,980 | 104,450 | 28,550 | | 110,100 | 20,450 | 118,360 | 40,300 | |
| 2/3 | 7.38 | | | | | 7.79 | | | | | down |
| 2/4 | 7.56 | 78,100 | 3,620 | | 27,700 | 7.71 | 43,600 | 0 | | 22,300 | |
| 2/5 | 7.60 | 66,800 | 4.120 | | 29,350 | 7.71 | 46,800 | 0 | | 17,870 | |
| 2/6 | 7.58 | | | | | 7.07 | | | | | |
| 2/7 | 7.52 | | | | | 7.71 | | | | | |
| 2/8 | 7.60 | | | | | 7.39 | | | | | |
| | 7.54 | 72,450 | 3,870 | | 28,520 | 7.56 | 45,200 | 0 | | 20,080 | |
| | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | |

SCM CONFIDENTIAL

5A 035145

W. E. Kendrick

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | | | | | | | | | | | |
| 1/27 | | 91,500 | 12,850 | 80,400 | | | 119,000 | 22,950 | 107,000 | | down |
| /28 | | 97,600 | 9,660 | 108,000 | 30,100 | | 121,300 | 23,300 | 109,300 | 29,700 | |
| /29 | | 104,000 | 8,030 | 107,000 | 25,700 | | 113,700 | 26,700 | 118,800 | | |
| /30 | | 111,300 | 15,500 | 98,000 | 33,500 | | 125,000 | 26,700 | 115,700 | | |
| 1/31 | | 98,900 | 7,720 | 113,500 | 37,700 | | 146,200 | 21,400 | 125,000 | | |
| 2/1 | | 113,800 | 10,300 | 114,000 | | | 113,000 | 19,000 | 103,800 | | |
| | | 102,850 | 10,680 | 103,500 | 31,750 | | 123,000 | 23,840 | 113,270 | 29,700 | |
| | | 42.8% Sus. Sol. Removal | | | | | | | | | |
| 1/27 | 7.42 | 28,500 | 3,250 | | | 8.02 | 25,450 | 0 | | | down |
| 1/28 | 7.61 | 48,200 | 6,180 | | 25,850 | | | | | | |
| 1/29 | 7.55 | 73,000 | 8,030 | | 23,950 | | | | | | |
| 1/30 | 7.59 | 69,500 | 6,480 | | 26,200 | | | | | | |
| 1/31 | 7.56 | 74,400 | 4,260 | | 31,500 | | | | | | |
| 2/1 | 7.61 | | | | | 6.38 | | | | | |
| | 7.56 | 58,720 | 5,640 | | 26,900 | 7.20 | 25,450 | 0 | | | |
| | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | |

SCM CONFIDENTIAL

W. E. Kendrick

| [illegible] | | BRYANT (#/day) | | | | KING (#/day) | | | | | MONARCH (#/day) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date 1958 | [illegible] | [illegible] | [illegible] | Soluble | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | Soluble | [illegible] |
| 1/20 | | 98,600 | 11,200 | 69,500 | | | 61,200 | 14,550 | 68,200 | | | | down | | |
| 21 | | 91,200 | 7,190 | 93,700 | 21,600 | | 114,100 | 23,200 | 105,000 | 34,900 | | | | | |
| 22 | | 83,000 | 9,900 | 99,400 | 21,800 | | 115,100 | 24,450 | 108,000 | 32,600 | | | | | |
| 23 | | 64,000 | 7,640 | 81,300 | | | 112,100 | 18,700 | 106,000 | | | | | | |
| /24 | | 100,800 | 11,650 | 86,100 | | | 131,200 | 20,700 | 104,300 | | | | | | |
| /25 | | 92,500 | 10,610 | 85,500 | | | 123,500 | 23,400 | 88,400 | | | | | | |
| [illegible] | | 88,350 | 9,700 | 85,920 | 21,700 | | 109,500 | 20,830 | 96,650 | 33,750 | | | | | |
| [illegible] | | 25.4% Sus. Solids Removal | | | | | 67.1% Sus. Solids Removal | | | | | | | | |
| /20 | 7.59 | 43,000 | 3,790 | | | 4.96 | 12,400 | 0 | | | | | down | | |
| /21 | 7.50 | 67,400 | 5,150 | | 19,500 | 7.87 | 31,500 | 0 | | 17,900 | | | | | |
| 1/22 | 7.44 | 68,200 | 6,200 | | 22,750 | 7.63 | 39,400 | 0 | | 18,670 | | | | | |
| 1/23 | 5.73 | 54,400 | 5,620 | | | 7.47 | 44,800 | 0 | | | | | | | |
| 1/24 | 7.65 | 75,300 | 6,860 | | | 7.15 | 45,300 | 0 | | | | | | | |
| 1/25 | 7.60 | 87,400 | 7,290 | | | 7.07 | 43,600 | 0 | | | | | | | |
| [illegible] | 7.25 | 65,950 | 5,820 | | 21,120 | 7.04 | 36,170 | 0 | | 18,285 | | | | | |
| [illegible] | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | | | | |

[illegible]

SCM CONFIDENTIAL

SA 035147

SCM CONFIDENTIAL

TO: _____

# WEEKLY SUMMARY - WASTE TANK TESTS

FROM: W. E. Kendrick

| | BRYANT (#/day) | | | | | RING (#/day) | | | | | E. MARCH (#/day) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INFLUENT | | | | | | | | | | | | | | | |
| Date 1957 | Flow (MGD) | Sus. Solids | Fiber* | Soluble | B.O.D. | Flow (MGD) | Sus. Solids | Fiber* | Soluble | B.O.D. | Flow (MGD) | Sus. Solids | Fiber* | Soluble | B.O.D. |
| W 1/13 | | 160,000 | 26,200 | 93,600 | | | 70,750 | 25,800 | 79,700 | | | 137,100 | 25,100 | 75,800 | |
| 14 | | | | 92,400 | | | 109,700 | 18,980 | 105,000 | 24,100 | | 75,200 | 12,170 | 55,500 | 15,080 |
| 15 | | | | 115,800 | | | 96,000 | 17,500 | 93,000 | 25,800 | | 46,800 | 9,960 | 73,800 | 18,380 |
| 16 | | 128,900 | 15,850 | 68,300 | 33,600 | | 111,500 | 14,380 | 62,000 | 27,050 | | 44,750 | 10,420 | 39,800 | |
| /17 | | 147,000 | 18,370 | 143,300 | | | 125,500 | 20,200 | 99,500 | | | | down | | |
| /18 | | 71,000 | 9,030 | 96,500 | | | 100,000 | 16,900 | 102,700 | | | | down | | |
| Av. | | 126,470 | 17,360 | 101,620 | 33,600 | | 102,240 | 18,960 | 90,320 | 25,650 | | 75,960 | 14,410 | 61,220 | 16,730 |
| EFFLUENT | | | | | | | | | | | | | | | |
| /13 | 7.49 | | | | | 6.84 | 20,500 | 0 | | | 5.05 | 17,700 | 0 | | |
| 1/14 | 7.64 | 80,200 | 6,050 | | 17,690 | 7.00 | 15,180 | 0 | | 18,750 | 4.75 | 15,850 | 0 | | |
| W 1/15 | 7.51 | 88,900 | 7,830 | | 24,600 | 6.76 | 19,170 | 0 | | 17,450 | 5.20 | 17,350 | 0 | | |
| T 1/16 | 7.45 | 67,200 | 5,910 | | 20,650 | 6.76 | 28,150 | 0 | | 15,930 | 4.55 | | | | |
| F 1/17 | 7.47 | 81,000 | 7,770 | | | 7.23 | 26,500 | 0 | | | 0.55 | | down | | |
| S 1/18 | 7.47 | | | | | 7.24 | 18,700 | 0 | | | | | down | | |
| Avg. | 7.50 | 79,320 | 6,890 | | 20,980 | 6.97 | 21,370 | 0 | | 17,370 | 4.89 | 16,970 | 0 | | |
| Work Order | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | 31,900 | | | 10,100 |

*200 Mesh Wire

SH 335183

SCM CONFIDENTIAL
SH 053149

# W. E. Kendrick

| 1958 | BRYANT (#/day) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | |
| 1/6 | | | | | | 96,100 | 21,300 | 91,600 | | | 24,300 | 8,460 | 60,700 | | |
| /7 | | 87,400 | 10,650 | 95,400 | | 115,100 | 20,900 | 104,800 | | | 48,600 | 6,240 | 73,600 | | |
| [redacted] | | 96,000 | 7,650 | 95,500 | | 109,000 | 17,100 | 107,900 | | | | | 68,500 | | |
| /9 | | 85,800 | 10,650 | 94,600 | 19,260 | 95,600 | 16,100 | 92,700 | 8,470 | | 56,500 | 5,040 | 59,000 | | 12,700 |
| 1/10 | | 101,300 | 11,700 | 98,600 | 17,440 | | | | | | 60,500 | 8,530 | 41,600 | | 11,70 |
| 1/11 | | | | | | | | | | | | | | | |
| Avg | | 92,620 | 10,160 | 96,020 | 18,885 | 104,000 | 18,850 | 99,200 | 8,470 | | 47,480 | 7,070 | 60,680 | | 11,7 |
| 1/6 | 7.59 | | | | | 7.85 | 30,100 | 0 | | | 5.20 | 2,090 | 0 | | |
| 1/7 | 6.36 | 141,500 | 15,650 | | | 7.39 | | | | | 5.35 | 12,050 | 0 | | |
| 1/8 | 7.63 | 27,600 | 11,600 | | | 7.19 | 31,750 | 0 | | | 5.30 | 4,860 | 0 | | |
| 1/9 | 7.10 | 29,000 | 444 | | 19,200 | 6.55 | | | | 11,560 | 5.25 | 12,700 | 0 | | 11,710 |
| 1/10 | 7.39 | 30,200 | 108 | | 8,200 | 6.39 | 30,350 | 0 | | 11,490 | 5.00 | 17,100 | 0 | | 10,500 |
| 1/11 | 7.52 | 98,400 | 10,050 | | | | | | | | | | | | |
| Avg | 7.25 | -- | -- | | -- | 7.10 | 30,730 | 0 | | 11,745 | 5.20 | 9,760 | 0 | | 11,10 |
| [redacted] | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | 31,900 | | | 10,100 |

*All Bryant effluent samples are spot samples!

SCM CONFIDENTIAL

WEEKLY SUMMARY - WASTE TANK TESTS

1958 not complete

FROM W. M. Kendrick

| INFLUENT | BRYANT (#/day) | | | | | KING (#/day) | | | | | MONARCH (#/day) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date 1958 | Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus Solids | Fiber* | Soluble | BOD |
| 12/30 | | 89,600 | 8,320 | 52,400 | | | | | | | | 41,700 | 5,580 | 61,100 | |
| 31 | | 83,000 | 5,050 | 93,400 | | | | | | | | | | | |
| | | 95,400 | 5,040 | 74,700 | | | | | | | | | | | |
| | | 113,700 | 2,440 | 46,700 | | | 100,200 | 23,150 | 113,000 | | | 49,600 | 8,550 | 73,000 | |
| 3 | | 73,000 | 6,540 | 51,000 | | | 74,700 | 14,290 | 81,700 | | | 41,200 | 13,130 | 58,400 | |
| 4 | | 155,500 | 12,450 | 46,500 | | | | down | | | | | down | | |
| | | 101,700 | 6,640 | 60,780 | | | 87,450 | 18,720 | 97,350 | | | 44,170 | 9,090 | 64,170 | |
| EFFLUENT | | | | | | | | | | | | | | | |
| /30 | 7.17 | 41,900 | 3,010 | | | -- | | | | | 5.05 | 8,840 | 0 | | |
| 12/31 | 7.65 | 70,300 | 2,520 | | | 7.46 | | | | | 3.95 | | | | |
| 1/1 | 7.65 | | | | | 7.45 | | | | | 4.00 | | | | |
| 1/2 | 7.40 | | | | | 7.12 | 13,680 | 0 | | | 5.00 | 12,900 | 0 | | |
| 1/3 | 7.19 | | | | | 7.00 | 29,700 | 0 | | | 5.00 | | | | |
| 1/4 | 7.50 | | | | | | | down | | | | | down | | |
| Avg. | 7.43 | 56,100 | 2,760 | | | 7.26 | 21,690 | 0 | | | 4.60 | 10,870 | 0 | | |
| WMC Order | | 76,500 | | | 11,100 | | 53,700 | | | 16,300 | | 31,900 | | | 10,100 |

*200 Mesh Wire

To: [illegible] Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, H.B.Johnston, G.H.Baldauf, [illegible] Owen, L.J.Gilman, L.Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, D.Falvey, M.Carl

1959 [illegible] DIVISION

| | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Efficiency | | Waste Paper [illegible] Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sus. Solids | Fibers | Solubls | BOD | Flow (MGD) | Sus. Solids | Fibers | BOD | Solids | BOD | Tons | % Bo[illegible] |
| 2/1 | 132,000 | 23,600 | 96,000 | - | 6.77 | 6,760 | 0 | - | 94.0 | - | 173.8 | 63.6 |
| 2/2 | 99,200 | 16,600 | 90,000 | - | 6.77 | 93,000** | 11,200** | - | 6.15 | - | 189.7 | 65.6 |
| /3 | 116,000 | 18,800 | 107,000 | - | 6.77 | 89,000** | 8,400** | - | 23.3 | - | 234.2 | 65.0 |
| /8 | 105,000 | 14,800 | 108,800 | 41,200 | 6.87 | 57,200** | 0 | 38,400** | 45.5 | 6.8 | 241.5 | 67.0 |
| /9 | 141,200 | 22,800 | 117,800 | - | 7.19 | 9,000** | 0 | - | 93.5 | - | 201.4 | 66.6 |
| /10 | No | Samples | | - | 6.87 | 37,900** | 0 | - | - | - | 241.6 | 71.9 |
| /15 | 110,800 | 18,000 | 107,800 | - | 7.19 | 79,000** | 9,000 | - | 29.7 | - | 226.8 | 65.1 |
| /16 | 86,700 | 12,600 | 86,000 | - | 6.87 | 28,600** | 2,800 | - | 67.1 | - | 228.2 | 67.6 |
| /17 | 134,500 | 20,000 | 78,700 | 37,000 | 7.28 | 38,700** | 0 | 22,400 | 71.3 | 39.5 | 203.3 | 66.1 |
| /22 | No | Samples | | - | 7.00 | No | Samples | - | - | - | 234.2 | 65.6 |
| /23 | No | Samples | | - | 7.00 | No | Samples | - | - | - | 202.4 | 63.6 |
| 2/24 | Mill | Down | - | - | - | Mill | Down | - | - | - | - | - |
| 2/29 | No | Samples | | - | 6.79 | 39,500 | 0 | - | - | - | 212.6 | 60.2 |
| 2/30 | No | Samples | | - | 7.00 | 42,000 | 0 | - | - | - | 226.2 | 69.9 |
| 2/31 | No | Samples | | - | 7.00 | No | Samples | - | - | - | 171.3 | 70.2 |
| | 115,600 | 18,400 | 99,000 | 39,100 | 6.95 | 47,300 | 7,850 | 30,400 | 53.8 | 23.1 | 213.4 | 66.3 |
| Order | | | | | | 53,700 | | 16,300 | | | | |

[illegible]

SCM CONFIDENTIAL



SH 035151

MONTHLY SUMMARY - [illegible] PAPER [illegible]

To: [illegible] Parson  cc: W. D. Harrison, R. D. Levy, H. B. Johnston, G. H. Baldauf, L. L. Owen, F. J. Gilman, ~~[illegible]~~, ~~[illegible]~~, L. Gayou, S. Stetz, U. G. Stoeffler, ~~[illegible]~~, B. Buenger, D. Falvey, V. Weaver, W. Garrity, C. Mason

From: R. J. Willie

1959

ING DIVISION Influent (#/day) | Effluent (#/day) | Waste Pap In

| Date | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | BOD | % Efficency Solids | % Efficency BOD | Remain Tons | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 11/3 | ** TANK DOWN | | - | - | *** 6.50 | TANK DOWN | | | - | - | 242.2 | 66.6 |
| 1/4 | " | " | " | " | 6.50 | " | " | " | - | - | 234.9 | 66.3 |
| 1/5 | " | " | " | " | 6.50 | " | " | " | - | - | 247.4 | 62.[illegible] |
| 1/10 | - No | Samples | - | - | 7.36 | No Samples | | - | - | - | 233.4 | 67.6 |
| 11/11 | - No | Samples | - | - | 7.36 | No Samples | | - | - | - | 155.5 | 69.[illegible] |
| 11/12 | 88,500 | 12,600 | 110,000 | - | 7.37 | 28,200 | 0 | - | 68.1 | - | 179.1 | 64.4 |
| 11/17 | 150,000 | 28,100 | 152000 | 46,700 | 7.02 | 103,000 | 0 | 40,000 | 31.3 | 14.3 | 221.6 | 69.7 |
| 11/18 | 137,000 | 18,900 | 114,000 | - | 6.23 | 31,200 | 0 | - | 77.2 | - | 263.2 | 64.[illegible] |
| 11/19 | - No | Samples | - | - | 7.02 | No Samples | | - | - | - | 214.0 | 60.[illegible] |
| 11/24 | 154,500 | 23,100 | 70,200 | - | 7.02 | 67,800 | 0 | - | 56.1 | - | 243.2 | 64.[illegible] |
| W 11/25 | - DOWN | | - | - | - | DOWN | - | - | - | - | - | - |
| T 11/26 | " | " | " | " | " | " | " | " " | " | " | " | " |
| T | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| Ave | 132,500 | 20,670 | 111,550 | 46,700 | 6.89 | 57,550 | 0 | 40,000 | 58.2 | 14.3 | 223.4 | 65.[illegible] |
| WHC Order | | | | | | 53,700 | | 16,300 | | | | |

[illegible] ** MOTOR STILL OUT. ***ESTIMATED FLOW

SCM CONFIDENTIAL

SA 035152

# MONTHLY SUMMARY - WASTE TANK TESTS

To: R. A. Larson

From: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B. Owen, E. J. Gilman, A. L. Mulder, ~~D. Mendham~~, S. Stetz, U. G. Stoeffler, R. Bell, B. Buenger, D. Falvey, V. Weaver, W. Garrity

| Flag Division 1959? Date | Influent (#/day) Sus. Solids | Fiber# | Soluble | BOD | Effluent (#/day) Flow (MGD) | Sus. Solids | Fiber# | BOD | % Efficiency Solids | BOD | Waste Tap Inc. Required Tons | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| Ave | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

#200 m[illegible] [illegible] Estimated Flow [illegible] Burned out [illegible] on big pump to [illegible]

SCM CONFIDENTIAL

MONTHLY SUMMARY - WASTE TANK TESTS

o: R. [illegible] Larson

From: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B[illegible]wen, E. J. Gilman, A. M. Mulder, D. Mendham, S. Stetz, U. G. Stooffler, R. Bell, B. Buenger, D. Falvey, V. Weaver

...ING DIVISION

| ...te | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Effiency | | Waste Paper Input Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | BOD | Solids | BOD | Tons | % Book |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| ...e | | | | | | | | | | | | |
| ...C Order | | | | | | 53,700 | | 16,300 | | | | |
| ...0 Mea... | | | | | | | | | | | | |

SCM CONFIDENTIAL

[illegible]

[illegible] R [illegible] arson V

rom: R J Willie

cc: W D. Harrison, R. M. Levy, H. b. Johnston, G. H. Baldauf, L. B[illegible]ven, F J. Cilman, A. M. Mulder, D. Mendham, S. Stetz, U. G. Stoeffler, R. Bell, B. Buenger, D. Falvey, V. Weaver, W. J. Garrity

[illegible]INC DIVISION

| 1959 | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| -11 | [illegible] | [illegible] | [illegible],320 | -- | [illegible] | 17,[illegible] | [illegible] | | [illegible] | -- | 151.2 | 68.[illegible] |
| -12 | [illegible] | [illegible] | [illegible] | -- | [illegible] | [illegible] | 0 | -- | 71.0 | -- | 218.8 | 70.7 |
| 13 | [illegible] | [illegible] | [illegible] | | 6.39 | [illegible] | 0 | -- | [illegible] | -- | 217.2 | 64.[illegible] |
| [illegible] | | | | | [illegible] | | [illegible] | -- | | | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | 32,300 | 6.59 | 31,900 | 0 | 20,300 | 71.[illegible] | [illegible].4 | 164.0 | 6[illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible].40 | [illegible] | [illegible] | [illegible] | -- | | 155.8 | 75.5 |
| [illegible]-25 | [illegible] | [illegible] | 114,000 | [illegible] | 6.[illegible]3 | 44,[illegible] | 0 | 31,300 | 72.[illegible] | [illegible] | 20[illegible] | 61.1 |
| [illegible]-26 | [illegible] | [illegible] | [illegible],000 | -- | 6.55 | [illegible],200 | 0 | -- | 71.3 | | 200.9 | 60.1 |
| [illegible]-27 | [illegible] | [illegible] | [illegible],500 | -- | 6.63 | 22,[illegible] | 0 | -- | 77.6 | | 25[illegible] | [illegible] |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| [illegible] | 105,770 | 16,[illegible]40 | 89,900 | 43,500 | 6.47 | 33,350 | 0 | 26,050 | 68.3 | 39.1 | 197.8 | 66.9 |
| RC Order | | | | | | 53,700 | | 16,300 | | | | |

[illegible] Mes

SCM CONFIDENTIAL

SA 035155

To: ... [illegible] ...arson    cc: W. D. Harrison    L. [illegible]er    S. Steiz    [illegible] Raley
R. M. Levy    F. J. Gilman    U. C. Stoeffler    V. Weaver
From: R. J. [illegible]uthie    H. B. Johnston    A. [illegible] Mulder    R. Beil
G. H. Faldauf    D. Mendham    L. Buenger

1469

KING DIVISION

| 1969 | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | % Removal | | Waste Paper Input | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | BOD | % Filtered Solids | BOD | Regular Tons | % Bwg. |
| | | | | | | | | | | | | |
| [illegible] | [illegible] | [illegible] | 124,500 | [illegible] | [illegible] | [illegible] | [illegible] | | | | [illegible] | |
| | [illegible] | | [illegible] | [illegible] | [illegible] | | | | | | | |
| | [illegible] | [illegible] | 136,500 | ---- | [illegible] | [illegible] | | [illegible] | | | [illegible] | |
| | [illegible] | | [illegible] | [illegible] | [illegible] | | | | | | | |
| | [illegible] | | [illegible] | | [illegible] | | | | | | | |
| | | | | [illegible] | | | | | | | | |
| [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | | | | | | |
| [illegible] | [illegible] | | [illegible] | | [illegible] | [illegible] | | | | | | |
| | [illegible] | | [illegible] | | [illegible] | [illegible] | | | | | | |
| [illegible] | [illegible] | | 88,400 | | [illegible] | [illegible] | | [illegible] | | | [illegible] | |
| [illegible] | [illegible] | | [illegible] | | | [illegible] | | | [illegible] | | | |
| [illegible] | | | | | | | | | | | | |
| [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| [illegible] | [illegible] | [illegible] | 112,800 | 33,00[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| % Re... Grade | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

5A

035156

1464

To: R. [illegible] arson

From: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B[illegible]en, E. J. Gilman, A. M. Mulder, D. Mendham, S. Stets, U. C. Stoeffler, R. Beli, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| 1959 | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Efficiency | | Waste Paper Input Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber* | BOD | Solids | BOD | Tons | % Book |
| [illegible] | | | | | | | | | | | | |
| [illegible] | 110,000 | [illegible] | 124,500 | --- | [illegible] | [illegible] | [illegible] | --- | [illegible] | | [illegible] | |
| | --- | [illegible] | --- | --- | [illegible] | [illegible] | | | | | | |
| 7 | 110,000 | [illegible] | 134,500 | --- | 6.[illegible] | [illegible] | | --- | | | [illegible] | |
| 8 | 12[illegible] | [illegible] | 123,500 | 33,70[illegible] | [illegible] | | | [illegible] | | | | |
| [illegible] | 135,[illegible] | [illegible] | 123,000 | --- | [illegible] | [illegible] | | | | | | |
| [illegible] | 106,[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | [illegible] | | | | |
| 15 | 111,[illegible] | [illegible] | 110,[illegible] | --- | [illegible] | [illegible] | | | | | | |
| 16 | 130,00[illegible] | [illegible] | 123,000 | --- | [illegible] | [illegible] | | | | | | |
| 21 | 125,000 | [illegible] | [illegible] | --- | [illegible] | [illegible] | --- | | [illegible] | | | |
| T-22 | 107,000 | [illegible] | 88,600 | --- | 6.26 | [illegible] | | --- | [illegible] | | [illegible] | |
| T-23 | 77,[illegible] | [illegible] | [illegible],500 | --- | 6.[illegible] | [illegible] | --- | | [illegible] | | | |
| T-28 | | | | | | | | | | | | |
| T-29 | D O [illegible] | | F O R | [illegible] | [illegible] | | | | | | | |
| T-30 | | | | | | | | | | | | |
| Ave | 114,1[illegible] | [illegible] | 112,800 | 33,000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 221.[illegible] | |
| * RC Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

BA 035157

R + D

R M Levy
D D Johnston
C H Fahlsing

SCM CONFIDENTIAL

| Date | INFLUENT (#/day) Sus. Solids | Fibers* | Soluble | ECD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fibers* | ECD | Removal % (lbs) Solids | ECD | Waste Paper Regular Tons | % Bo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/2 | 158,500 | 17,000 | 125,000 | -- | 6.23 | [illegible] | 0 | [illegible] | 99.2 | -- | 266.7 | 73.6 |
| [illegible] | ---no samples--- | | | | 6.35 | ---no samples--- | | | [illegible] | [illegible] | 252.5 | 73.0 |
| 1 | 116,000 | 16,200 | 98,500 | 37,510 | 6.23 | 12,000 | 0 | 32,770 | 89.7 | 10.6 | 216.7 | 74.0 |
| [redacted] | [redacted] | [redacted] | [redacted] | -- | 6.23 | 59,200 | 0 | -- | 55.6 | -- | 236.6 | 67.4 |
| [redacted] | [redacted] | 16,800 | 91,500 | 38,150 | 6.07 | [illegible] | 0 | [illegible] | [illegible] | [illegible] | [illegible] | 69.[illegible] |
| 11 | 135,000 | 15,000 | 120,000 | -- | [illegible] | [illegible] | 0 | -- | [illegible] | -- | 231.[illegible] | 69.[illegible] |
| [illegible] | ---no samples--- | | | | [illegible] | [illegible] | [illegible] | -- | [illegible] | -- | [illegible] | 6[illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | -- | [illegible] | 69.[illegible] |
| [illegible] | 174,000 | 27,000 | [illegible] | -- | 6.71 | [illegible] | 0 | -- | [illegible] | -- | [illegible] | 69 |
| 18 | 136,000 | 11,800 | 120,000 | | 6.61 | [illegible] | [illegible] | -- | -- | -- | 236.6 | 67 |
| [illegible] | ---no samples--- | | | | [illegible] | [illegible] | [illegible] | -- | | -- | [illegible] | [illegible] |
| 7/25 | 135,000 | 19,700 | 122,000 | -- | 7.02 | [illegible] | [illegible] | -- | [illegible] | -- | 233.0 | 64.7 |
| [illegible] | ---no samples--- | | | | 6.31 | ---no samples--- | | | [illegible] | [illegible] | 185.1 | 6[illegible] |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | | | [illegible] | [illegible] | |
| [illegible] | [illegible] | | | | | 53.[illegible] | | 16.[illegible] | | | | |

SM 035158

[illegible] endham [illegible] Buenger

| [illegible] | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal | | Water [illegible] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | [illegible] | Fiber | Solids | [illegible] | Flow [illegible] | [illegible] | [illegible] | | [illegible] | | [illegible] | |
| [illegible] | [illegible] | 9,700 | 91,000 | | 6.00 | 19,100 | 0 | | 92.0% | | 173.7 | 68.7 |
| 5/6 | 110,000 | 6,250 | 118,000 | | 6.16 | 37,000 | 0 | | 65.3% | | 263.[illegible] | 70.[illegible] |
| 5/7 | 112,000 | 9,200 | 109,[illegible] | | 6.[illegible] | 49,800 | 0 | | [illegible] | | 265.1 | 67.[illegible] |
| 5/[illegible] | ------- | NO SAMPLES | | | [illegible] | ---- NO SAMPLES | | | ------ | | 240.4 | 69.3 |
| 5/13 | 124,000 | 9,400 | 11[illegible],000 | 33,870 | 6.23 | 33,200 | 0 | 25,540 | 73.3% | 24.5 | 232.8 | 67.[illegible] |
| [illegible] | ------- | NO SA[illegible] | | | [illegible] | --- NO SAMPLES | | | ------ | | [illegible] | 66.8 |
| [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | 27,500 | 0 | | [illegible] | | [illegible] | 66.[illegible] |
| [illegible] | ------- | NO [illegible] | | | 6.3[illegible] | --- NO SAMPLES | | | ------ | | 231.[illegible] | [illegible] |
| 5/[illegible] | 148,000 | 25,500 | [illegible] | | [illegible].55 | 31,600 | 0 | | 74.5 | | 230.[illegible] | 66.0 |
| 5/26 | 136,000 | 19,400 | 126,000 | | 6.5[illegible] | 35,000 | 0 | | 74.3 | | 227.6 | 69.6 |
| 5/27 | 118,000 | 18,400 | [illegible] | [illegible] | 6.28 | 50,300 | 0 | [illegible] | 50.2 | 21.0 | 244.6 | [illegible] |
| [illegible] | [illegible] | 9,50[illegible] | [illegible] | | [illegible] | 81,000 | 0 | | 25.0 | | [illegible] | [illegible] |
| | 122,440 | 13,500 | 108,200 | 35,085 | 6.36 | 40,480 | 0 | 27,220 | 66.5 | 22.7 | 238.6 | 67.5 |
| | | | | | | 5,[illegible] | | | | | | |
| | 105,560 | 12,730 | 99,750 | 34,700 | 5.93 | 34,4[illegible] | | | | | | |

SCM CONFIDENTIAL

To: R. [redacted] Larson ✓ cc: W. D. Harrison, K. M. Levy, H. B. Johnston, C. H. Schmidt, A. B. Owen, E. J. Grimm, A. M. Mulder, D. Needham, S. Stetz, L. C. Stoeffler, R. Bell, B. Brenger, D. [redacted] Harvey, V. Werner

From: R. J. Willis

KING DIVISION

| Date | INFLUENT (#/day) Suspended Solids | Fibers | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fibers | COD | Removal (Pounds) Solids | BOD | Waste Paper Input Regular Fine | Coated |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/29 | | | | | | | | | | | | |
| 3/30 | ------ no sample ------ | | | | 6.50 | 36,000 | 0 | | | | 210.0 | 68.3 |
| | ------ no sample ------ | | | | 6.96 | [illegible] | 0 | | | | 197.4 | 67.2 |
| | 98,500 | 11,100 | 104,000 | | 6.96 | 19,600 | 0 | | | | 211.5 | 69.4 |
| | 86,700 | 11,100 | 112,300 | | 6.96 | 20,100 | 0 | | | | 210.1 | 65.8 |
| | 92,700 | 5,500 | 113,500 | | 6.79 | 31,700 | 0 | | | | 209.7 | 67.4 |
| | ------ no sample ------ | | | | 6.50 | [illegible] | 0 | | | | 210.2 | 68.7 |
| | 92,400 | 9,166 | 110,000 | | 6.59 | 21,133 | 0 | | | | 209.9 | 67.5 |
| | WRC Order | | | | | | | | | | | |
| | KING DIVISION | | | | | | | | | | | |
| 3/30 | 85,500 | 10,900 | 81,300 | | 6.50 | 24,200 | 0 | | | | 192.1 | 63.0 |
| 3/31 | ------ no sample ------ | | | | 6.50 | [illegible] | 0 | | | | 199.8 | 69.7 |
| 4/1 | 121,000 | 15,100 | 87,500 | | 6.55 | 103,000 | 0 | | | | 173.3 | 70.0 |
| 4/2 | 87,000 | 6,300 | 119,000 | | 6.50 | 27,000 | 0 | | | | 173.9 | 69.8 |
| 4/3 | ------ no sample ------ | | | | 6.50 | no sample | 0 | | | | 159.2 | 70.2 |
| 4/4 | ------ no sample ------ | | | | 6.50 | no sample | 0 | | | | 170.2 | 71.5 |
| Avg. | 97,833 | 10,766 | 95,933 | | 6.51 | 71,733 | 0 | | | | 170.9 | 70.0 |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

SCM CONFIDENTIAL

SH 035180

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| /23 | 79,500 | 8,450 | 94,000 | 6.63 | 30,400 | 0 | 170.3 | 67.7 |
| | 103,000 | 11,900 | 81,000 | 6.16 | 29,000 | 0 | 217.3 | 66.2 |
| | 74,000 | 9,900 | 77,000 | 5.76 | [illegible] | 0 | 201.9 | 67.0 |
| | 115,200 | 15,250 | [illegible] | 6.62 | [illegible] | 0 | 235.8 | 67.3 |
| | ----no sample---------- | | | 5.56 | [illegible] | 0 | 249.2 | 67.7 |
| 1 | [illegible] | 13,700 | [illegible] | 6.47 | no sample | 0 | 275.1 | 67.4 |
| | [illegible] | 11,760 | [illegible] | [illegible] | [illegible] | 0 | 221.6 | 67.2 |
| 3 | 134,000 | 16,400 | 124,000 | 7.80 | 31,200 | 0 | 173.9 | 69.5 |
| /24 | 84,500 | 8,800 | 75,800 | 6.50 | 60,500 | 0 | 176.9 | 67.2 |
| /25 | 93,200 | 12,100 | 86,500 | 6.50 | 22,700 | 0 | 177.0 | 62.0 |
| /26 | 94,300 | 20,700 | 54,100 | 6.50 | 20,500 | 0 | 154.8 | 62.1 |
| /27 | 95,500 | 11,700 | 65,000 | 6.50 | 30,400 | 0 | 163.2 | 69.4 |
| /28 | ----no sample---------- | | | 6.50 | no sample | 0 | 141.9 | 71.2 |
| | 100,300 | 13,940 | 81,080 | 6.71 | 33,060 | 0 | 164.9 | 66.9 |

SCM CONFIDENTIAL

SA 035161

[illegible] TANK TESTS

To: R. [illegible] Larson

From: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, [illegible] B. Owen, E. J. Gilman, A. M. Mulder, D. Mendham, S. Stotz, U. C. Stoeffler, R. Bell, B. Buenger, D. F[illegible]y, V. Weaver

KING DIVISION

| Date 1959 | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/16 | ---------no samples**---------- | | | | 6.50 | ----no sample**---- | | | | | 232 [illegible] | 73 [illegible] |
| 3/17 | 94,500 | 10,100 | 130,000 | | 6.50 | 22,700 | 0 | | | | 224 | |
| 18 | 88,200 | 9,850 | 71,700 | | 6.16 | 10,250 | 0 | | | | 210 | |
| 19 | 133,000 | 15,300 | 66,700 | | 5.70 | 44,700 | 0 | | | | 238 | |
| 20 | 98,700 | 11,400 | 115,000 | | 5.75 | 33,500 | 0 | | | | 236 | |
| 21 | 101,000 | 12,900 | 104,000 | ? | 5.93 | no sample | 0 | | | | 247 | |
| [illegible] | 103,080 | 11,910 | 97,480 | | 6.09 | 27,787 | 0 | | | | 231 | |
| RC Order | | | | | | 53,700 | | 16,300 | | | | |

RYANT DIVISION

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 78,500 | 9,400 | 75,500 | | 8.25 | 17,900 | 0 | | | | 162.2 | 66.8 |
| 3/17 | 130,500 | 16,200 | 130,900 | | 8.36 | 30,500 | 0 | | | | 154.4 | 67.5 |
| 3/18 | 113,000 | 13,700 | 62,700 | | 8.37 | 4,000 | 0 | | | | 148.1 | 64.5 |
| 3/19 | 116,000 | 12,800 | 91,000 | | 8.43 | 47,300 | 0 | | | | 128.8 | 60.5 |
| 3/20 | 142,000 | 13,200 | 145,000 | | 8.73 | 111,000 | 0 | | | | 165.3 | 62.4 |
| 3/21 | 146,000 | 19,000 | 131,000 | ? | 8.75 | no sample | 0 | | | | 184.0 | 63.8 |
| Avg. | 121,000 | 14,050 | 106,017 | | 8.48 | 42,140 | 0 | | | | 157.1 | 64.2 |
| [illegible] Order | | | | | | 76,500 | | 11,100 | | | | |

[illegible] Mesh **bar grates plugged - bypassing settling t[illegible]

SCM CONFIDENTIAL

SA 035162

SCM CONFIDENTIAL

L. B. Owen
C. H. Baldauf

W. Vantrick

U. G. Stoeffler

1959

| 1959 | | | Soluble | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3/9 | 100,400 | 11,750 | 97,500 | 6.50 | 19,500 | 0 | | 20 |
| 10 | 81,300 | 5,500 | 136,200 | 6.55 | 10,900 | 0 | | 17 |
| 11 | 100,100 | 9,950 | 100,900 | 6.23 | 32,100 | 0 | | 19 |
| 12 | 130,200 | 24,500 | 100,700 | 6.39 | 36,000 | 0 | | 2 |
| 13 | ---no sample** | | | 6.31 | no sample** | 0 | | 2 |
| 14 | ---no sample** | | | 6.50 | no sample** | 0 | | 2 |
| | 93,000 | 12,925 | 108,825 | 6.41 | 24,625 | 0 | | 2 |
| 3/9 | 95,000 | 13,300 | 54,200 | 5.09 | 6,900 | 0 | 149.1 | 74.0 |
| 3/10 | 87,500 | 10,500 | 81,000 | 5.70 | 16,100 | 0 | 190.8 | 75.6 |
| 3/11 | 100,700 | 17,700 | 100,350 | 8.27 | 24,800 | 0 | 143.7 | 70.4 |
| 3/12 | 130,200 | 14,900 | 110,900 | 8.43 | 28,000 | 0 | 176.1 | 67.6 |
| 3/13 | 120,700 | 10,300 | 98,000 | 8.40 | 143,000 | 0 | 160.1 | 67.2 |
| 3/14 | 100,400 | 13,350 | 143,000 | 9.06 | no sample | 0 | 117.9 | 70.3 |
| | 105,750 | 13,340 | 97,908 | 7.62 | 43,760 | 0 | 156.3 | 70.9 |

SCM 035163

SCM CONFIDENTIAL

# WEEKLY SUMMARY - WASTE TANK TESTS

To: Harley Nelson

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B. Owen, G. A. Towne, E. J. Gilman, A. M. Mulder, W. Vastrick, H. L. Field, D. Mendham, S. Stetz, U. G. Stoeffler, R. Bell, B. Buenger, D. Falvey, V. Weaver

From: R. J. Willie

KING DIVISION

1959

| Date | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 3/2 | 126,000 | 9,600 | 98,200 | | 6.55 | 25,000 | 0 | | | | 180.1 | 69.1 |
| T 3 | ------no | sample---------- | | | 6.50 | 21,700 | 0 | | | | 21 | |
| W 4 | 375,000** | 81,800** | 104,000 | | 6.25 | 8,300 | 0 | | | | 22 | |
| T 5 | 100,500 | 12,000 | 111,600 | | 6.31 | 20,000 | 0 | | | | 21 | |
| F 6 | 100,900 | 10,700 | 130,200 | | 6.37 | 15,900 | 0 | | | | 20 | |
| S 7 | 114,000 | 13,000 | 100,000 | | 6.35 | no sample | 0 | | | | 21 | |
| Avg | 159,440 | 25,420 | 108,800 | | 6.39 | 18,180 | 0 | | | | 2 | |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |
| BRYANT DIVISION | | | | | | | | | | | | |
| M 3/2 | 63,300 | 13,500 | 39,000 | | 5.20 | 8,650 | 0 | | | | 1 | |
| T 3/3 | 46,800 | 6,100 | 55,300 | | 5.12 | 14,500 | 0 | | | | 137.1 | 75.2 |
| W 3/4 | 54,700 | 7,550 | 56,700 | | 5.13 | 11,900 | 0 | | | | 151.6 | 69.2 |
| T 3/5 | 100,600 | 11,450 | 81,500 | | 6.21 | 18,700 | 0 | | | | 130.8 | 74.5 |
| F 3/6 | 130,000 | 15,200 | 100,450 | | 7.20 | 24,400 | 0 | | | | 142.3 | 76.1 |
| S 3/7 | 100,250 | 12,000 | 73,500 | | 6.80 | no sample | 0 | | | | 137.3 | 77.5 |
| Avg. | 82,603 | 10,980 | 67,742 | | 6.06 | 15,630 | 0 | | | | 142.7 | 74.4 |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

SH 855164

WEEKLY SUMMARY - WASTE TANK TESTS

Earler Nelson

| | | | |
|---|---|---|---|
| W. D. Harrison | C. A. Towne | H. I. Field | R. Bell |
| R. M. Levy | J. Gilman | D. Mendham | B. Buenger |
| H. B. Johnston | A. M. Mulder | S. Stetz | D. Talvey |
| G. H. Baldauf | W. Vastrick | U. G. Stoeffler | V. Weaver |

| 1959 | [illegible] | [illegible] | Soluble | BOD | Flow (MGD) | Sus Solids | Fiber* | BOD | Removal % Efficiency Solids | Removal % Efficiency BOD | [illegible] Tons | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/23 | ---------- | [illegible] | ---------- | | 6.79 | 91,700 | 0 | | | | 172.4 | 66.4 |
| 24 | 93,000 | 6,650 | [illegible] | | 6.47 | 112,000 | 0 | | | | 213.8 | 68.1 |
| 25 | [illegible] | 7,650 | 99,500 | 35,800 | 6.63 | 50,800 | 0 | 35,200** | | | 195.1 | 69.2 |
| [illegible] | [illegible] | [illegible] | [illegible] | | 6.31 | 31,600 | 0 | | | | 196.0 | 67.7 |
| [illegible] | ---------- | [illegible] | ---------- | | 6.16 | 23,600 | 0 | | | | 195.0 | 69.0 |
| 28 | 82,000 | 6,000 | 101,500 | | 6.80 | no sample | 0 | | | | 220.5 | 66.4 |
| | 96,500 | 7,[illegible] | [illegible] | 35,800 | 6.41 | 61,940 | 0 | 35,200** | | | 198.8 | 67.8 |
| | | | | | | 5[illegible],700 | | 16,[illegible]00 | | | | |
| [illegible] | | | | | | | | | | | | |
| 2/23 | 43,400 | 7,400 | 62,500 | | 5.00 | 16,700 | 0 | | | | 150.0 | 71.1 |
| 2/24 | 76,700 | 6,600 | 88,100 | | 5.56 | 18,600 | 0 | | | | 180.2 | 74.2 |
| 2/25 | 96,500 | 10,450 | 88,700 | 27,800 | 5.62 | 20,300 | - | [illegible]00** | | | 168.0 | 71.8 |
| 2/26 | 82,500 | 8,250 | 55,800 | | 5.15 | 11,200 | 0 | | | | 171.7 | 70.8 |
| 2/27 | 79,500 | 9,100 | 51,500 | | 5.62 | 11,200 | 0 | | | | 159.2 | 68.0 |
| 2/28 | 52,300 | 6,500 | 77,000 | | 5.13 | nosample | 0 | | | | 88.6 | 77.4 |
| [illegible] | [illegible] | 8,050 | 70,600 | 27,800 | 5.35 | 15,600 | 0 | 19,400** | | | 152.9 | 72.2 |
| [illegible] | [illegible]der | | | | | 76,500 | | 11,100 | | | | |

SCM CONFIDENTIAL

SA 035165

## WEEKLY SUMMARY - WASTE TANK TESTS

To: Harley Nelson

From: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, G. A. Towne, E. J. Gilman, A. M. Mulder, W. Vastrick, H. L. Field, D. Mendham, S. Stetz, U. C. Stoeffler, R. Bell, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| Date 1959 | INFLUENT (#/day) Sus Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Suc Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | %Bo. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 2/9 | 93,500 | 9,800 | 105,000 | | 7.00 | 24,500 | 0 | | | | 201.6 | 66.0 |
| T 2/10 | 97,200 | 7,750 | 98,200 | | [illegible] | 23,000 | 0 | | | | 173.2 | 68.[illegible] |
| W 2/11 | 98,[illegible] | [illegible] | 99,500 | | [illegible] | [illegible] | 0 | | | | [illegible] | 67.4 |
| T 2/12 | 87,300 | 7,700 | 110,300 | | [illegible] | [illegible] | 0 | | | | [illegible] | [illegible] |
| F 2/13 | [illegible] | [illegible] | 92,[illegible] | | [illegible] | [illegible] | 0 | | | | 165.7 | [illegible] |
| S 2/14 | 127,000 | [illegible] | [illegible] | | [illegible] | no sample | [illegible] | | | | [illegible] | 67.0 |
| Avg | 98,[illegible] | [illegible],273 | 105,[illegible] | | [illegible] | [illegible] | 0 | | | | [illegible] | [illegible] |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

BRYANT DIVISION

| Date 1959 | Sus Solids | Fiber* | Soluble | BOD | Flow (MGD) | Suc Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | %Bo. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 2/9 | 54,200 | 5,750 | 56,400 | | 5.00 | 15,800 | 0 | | | | [illegible] | [illegible] |
| T 2/10 | 46,000 | 4,700 | 62,500 | | 5.00 | 20,000 | 0 | | | | [illegible] | [illegible] |
| W 2/11 | 80,000 | 7,250 | 73,500 | | 5.50 | 40,400 | 0 | | | | [illegible] | [illegible] |
| T 2/12 | 67,[illegible] | [illegible] | 64,800 | | 5.55 | 13,900 | 0 | | | | 162.0 | [illegible] |
| F 2/13 | 54,100 | 5,150 | 78,000 | | 5.50 | 13,750 | 0 | | | | [illegible] | 71.[illegible] |
| S 2/14 | Mill [illegible] at 7:00 a.m. today. | | | | | | | | | | [illegible] | 68.[illegible] |
| Avg. | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | 0 | | | | [illegible] | [illegible] |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

SCM CONFIDENTIAL

SH 035166

## WEEKLY SUMMARY - WASTE TANK TESTS

To: Harley Nelson

From: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, W. Vastrick, G. A. Towne, E. J. Gilman, A. M. Mulder, U. G. Stoeffler, H. L. Field, D. Mendham, S. Stetz, R. Larson, R. Bell, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| 1959 Date | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | %Bo[illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/2 | 86,000 | 5,600 | 71,700 | | 6.60 | 0 | 0 | | | | 168.1 | 64.7 |
| [illegible] | 74,500 | 6,700 | 98,500 | | 6.30 | 0 | 0 | | | | 163.7 | 67.7 |
| [illegible] | 88,500 | 11,150 | 112,000 | | 7.59 | 0 | 0 | | | | 181.8 | 65.2 |
| 5 | no sample | no sample | no sample | | 6.87 | 68,660** | 0 | | | | 209.1 | 66.0 |
| 6 | 99,500 | 8,450 | 109,000 | | 6.87 | 0 | 0 | | | | 160.3 | 67.9 |
| [illegible] | --MILL DOWN-- | | | | | | | | | | | |
| Avg. | 87,125 | 7,975 | 97,800 | | 6.85 | 68,660** | 0 | | | | 176.6 | 66.3 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

BRYANT DIVISION

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/2 | 42,800 | 3,900 | 37,800 | | 5.03 | 0 | 0 | | | | 148.1 | 61.0 |
| 2/3 | 54,700 | 6,300 | 49,750 | | 4.97 | 0 | 0 | | | | 128.9 | 51.7 |
| 2/4 | 67,500 | 7,200 | 63,700 | | 5.47 | 0 | 0 | | | | 145.5 | 58.[illegible] |
| 2/5 | 50,000 | 5,950 | 53,000 | | 4.23 | 0 | 0 | | | | 134.5 | 56.6 |
| 2/6 | 53,700 | 4,200 | 39,900 | | 3.19 | 0 | 0 | | | | 136.8 | 57.[illegible] |
| 2/7 | 36,800 | 3,500 | 23,700 | | 2.57 | 0 | 0 | | | | 78.1 | 67.[illegible] |
| Avg. | 50,917 | 5,175 | 44,642 | | 4.24 | 0 | 0 | | | | 128.6 | 58.[illegible] |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

SCM CONFIDENTIAL

SA 035167

SCM CONFIDENTIAL

## WEEKLY SUMMARY - WASTE TANK TESTS

To: Harley Nelson

cc W. D. Harrison, R. M. Levy, H. B. Johnston, G. Baldauf, C. A. Towne, E. J. Gilman, A. M. Mulder, H. L. Field, D. Mendham, S. Stetz, R. Bell, B. Buenger, D. Talvey, V. Weaver

From R. J. Willie

KING DIVISION

| Date | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Efficiency | | Waste Tank Input Report | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sus. Solids | Fiber* | Soluble | BOD | Flow (MGD) | Sus Solids | Fiber* | BOD | Solids | BOD | Tons | |
| 1/26 | 157,000 | 22,800 | 97,500 | | 6.50 | 13,000 | 0 | | | | 138.8 | 71.4 |
| 7 | 70,500 | 6,950 | 108,500 | | 6.50 | 7,600 | 0 | | | | 191.4 | 70.8 |
| 8 | 87,700 | 6,150 | 119,500 | 27,950 | 6.50 | 30,300 | 0 | 15,000 | | | 189.9 | 68.6 |
| 9 | 111,200 | 11,000 | 108,500 | 30,300 | 6.50 | 13,000 | 0 | 16,750 | | | 203.9 | 84.2 |
| 0 | 99,600 | 7,500 | 101,500 | | 6.40 | 6,400 | 0 | | | | 185.2 | 65.6 |
| 1 | 110,600 | 11,300 | 131,000 | | 6.55 | 0 | 0 | | | | 221.9 | 64.9 |
| Avg | 105,934 | 10,950 | 111,084 | 29,125 | 6.49 | 14,060 | 0 | 15,875 | | | 188.5 | 70.9 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

BRYANT DIVISION

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/26 | 59,000 | 6,450 | 48,000 | | 5.22 | 14,800 | 0 | | | | 150.4 | 65.0 |
| 1/27 | 67,800 | 7,900 | 51,700 | | 5.67 | 13,200 | 0 | | | | 162.3 | 63.8 |
| 1/28 | 72,300 | 7,300 | 43,200 | 16,800 | 5.77 | 17,300 | 0 | 15,900 | | | 135.8 | 69.2 |
| 1/29 | 67,600 | 7,350 | 59,420 | 10,900 | 5.94 | 63,400 | 0 | 4,500 | | | 111.7 | 66.4 |
| 1/30 | 41,000 | 4,600 | 26,500 | | 5.30 | 7,100 | 0 | | | | 142.4 | 66.5 |
| 1/31 | 41,200 | 5,600 | 40,300 | | 5.38 | 0 | 0 | | | | 44.2 | 83.8 |
| Avg | 58,817 | 6,533 | 44,853 | 13,850 | 5.55 | 23,160 | 0 | 10,199 | | | 124.5 | 69. |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

SD 83518

## WEEKLY SUMM[illegible] - WASTE TANK TESTS

To: Harley Nelson

From: R. J. Willie

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. Baldauf, G. A. Towne, E. J. Gilman, A. M. Mulder, H. L. Field, D. Mendham, S. Stetz, R. Bell, B. Buenger, D. Falvey, V. Weaver

KING DIVISION

| Date 1959 | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Input Regular Tons | %Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1/19 | | | 115,200 | | 6.00 | 16,000 | 0 | | | | 12[illegible].1 | 69.2 |
| 0 | 78,000 | 6,600 | 108,500 | | 6.50 | | 0 | | | | 190.7 | 75.5 |
| 1 | | | | | 6.00 | | 0 | | | | 204.3 | 72.0 |
| 2 | Cleaning settling tank and bar | | | | 6.00 | | 0 | | | | 181.5 | 73.5 |
| 23 | grate. | | | | 6.50 | | 0 | | | | 214.7 | 74.5 |
| 24 | | MILL | DOWN | | | | | | | | | |
| Avg. | 78,000 | 6,600 | R1,850 | | 6.20 | 16,000 | 0 | | | | 183.3 | 72.9 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

BRYANT DIVISION

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1/19 | 38,800 | 4,500 | 57,400 | | 5.74 | 12,400 | 0 | | | | 142.4 | 66.5 |
| T 1/20 | 55,900 | 5,800 | 40,500 | | 5.89 | 0 | 0 | | | | 150.8 | 64.2 |
| W 1/21 | 53,500 | 6,500 | 49,000 | | 5.89 | 0 | 0 | | | | 118.2 | 63.8 |
| T 1/22 | 50,000 | 7,000 | 34,400 | | 5.89 | 0 | 0 | | | | 98.5 | 63.5 |
| F 1/23 | 64,700 | 8,250 | 54,000 | | 5.89 | 12,750 | 0 | | | | 169.2 | 68.2 |
| S 1/24 | 59,500 | 4,900 | 48,200 | | 5.77 | 0 | 0 | | | | 100.3 | 67.7 |
| Avg. | 53,733 | 6,158 | 47,250 | | 5.84 | 12,575 | 0 | | | | 129.7 | 65.6 |
| WRC Order | | | | | | 76,500 | | 11,100 | | | | |

SCM CONFIDENTIAL

5H 035169

R. J. Willis

W. D. Harrison

1959

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1/6 | [illegible] | [illegible] | 109,[illegible] | | [illegible] | | | | [illegible] |
| 1/6 | 79,[illegible] | [illegible] | 115,[illegible] | | [illegible] | | | | 196.[illegible] |
| | 91,[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | [illegible] |
| | [illegible] | [illegible] | [illegible] | | [illegible] | | | | [illegible] |
| | [illegible] | [illegible] | [illegible] | | [illegible] | | | | [illegible] |
| | [illegible] | [illegible] | [illegible] | | [illegible] | | | | [illegible] |
| | [illegible] | [illegible] | [illegible] | | [illegible] | | | | [illegible] |
| 1/6 | 101,675 | [illegible] | [illegible] | | [illegible] | [illegible] | | | [illegible] |
| /7 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | [illegible] |
| /8 | [illegible] | 8,390 | [illegible] | | [illegible] | [illegible] | | | 122.[illegible] |
| /9 | 75,884 | [illegible] | 53,[illegible] | | [illegible] | | | | 105.[illegible] |
| /10 | | | [illegible] | | | | | | |
| | 87,849 | 11,705 | 52,429 | 16,400 | 5.5[illegible] | 30,[illegible] | | 19,900 | 146.5 67.[illegible] |

SCM CONFIDENTIAL

5A 035170

SCM CONFIDENTIAL

SH 05171

From: R.J. Willie

R.M.Levy
G.H.Baldauf

E.J.Gilman
L.Gayou
V.Weaver

U.G.Stoeffler
C.Mason

M.Carl
B.Buenger

KING DIVISION

| Dec. Date | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) ** | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Inv Regular Tons | %Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1960 | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| T 12/1 | 188,400 | 58,300 | 120,000 | - | 7,190 | 188,400 | 24,000 | - | 0.0 | - | 258.5 | 67.3 |
| 12/6 | 356,600 | 37,000 | 127,700 | - | 7,654 | 123,800 | 7,650 | - | 65.3 | - | 276.8 | 67.7 |
| 12/7 | 197,000 | 15,000 | 125,500 | - | 7,521 | 214,500 | 20,080 | - | 0.0 | - | 268.1 | 61.0 |
| 12/8 | No Sample | | 125,500 | - | 7,521 | 107,900 | 10,040 | - | - | - | 224.6 | 57.2 |
| 12/13 | No Sample | | - | - | 7,313 | No Sample | | - | - | - | 257.9 | 65.0 |
| 12/14 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 272.4 | 68.2 |
| 12/15 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 260.4 | 67.1 |
| 12/20 | 235,200 | 37,800 | 115,800 | - | 7.313 | 131,700 | 12,200 | - | 44.0 | - | 202.1 | 68.6 |
| 12/21 | 213,200 | 18,900 | 121,900 | 51,100 | 7.313 | 190,200 | 21,900 | 48,900 | 10.8 | 4.3 | 267.9 | 69.5 |
| T 12/22 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 250.6 | 72.1 |
| T 12/27 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 249.9 | 69.3 |
| W 12/28 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 289.5 | 69.1 |
| T 12/29 | No Sample | | - | - | 7.313 | No Sample | | - | - | - | 224.5 | 65.4 |
| Ave. | 238,100 | 33,400 | 122,700 | 51,100 | 7.362 | 159,400 | 15,980 | 48,900 | 30.0 | 4.3 | 254.1 | 66.7 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

200 Mesh ** The flow is estimated from the 13th to the 29th.

1960

To: R.A.Larson

cc: W.D.Harrison, R.M.Levy, G.H.Baldauf, L.B.Owen, E.J.Gilman, L. Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, D.Palvey, M.Carl

From: R.J.Willie
R. Kremer

1960

KING DIVISION

| Date | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Fffiency | | Waste Paper Inp Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sus solids | Fibers | Soluble | BOD | Flow (MGD) | Sus. Solids | Fibers | BOD | Solids | BOD | Tons | % Book |
| 11/1 | 268,000 | 51,300 | 126,600 | 79,300 | 6.61 | 143,000 | 11,200 | 34,200 | 46.6 | 56.9 | 261.8 | 70.5 |
| /2 | 138,000 | 5,400 | 97,300 | - | 6.49 | 100,600 | 2,160 | - | 27.1 | - | 244.2 | 73.2 |
| /3 | 163,400 | 13,000 | 146,000 | - | 6.49 | 121,000 | 6,490 | - | 25.9 | - | 240.6 | 73.6 |
| /8 | 184,500 | 11,900 | 132,000 | - | 7.52 | 146,000 | 10,000 | - | 20.9 | - | 239.8 | 72.8 |
| /9 | 227,500 | 12,400 | 131,000 | 43,600 | 7.46 | 173,000 | 12,400 | 43,600 | 23.9 | 0.0 | 259.8 | 73.7 |
| /10 | 156,000 | 11,300 | 132,000 | - | 7.52 | 79,000 | 2,510 | - | 49.4 | - | 226.4 | 78.2 |
| /15 | 219,000 | 23,300 | 122,500 | - | 7.33 | 86,000 | 2,450 | - | 60.7 | - | 261.0 | 68.4 |
| 1/16 | 174,400 | 14,300 | 124,400 | - | 7.46 | 92,300 | 2,490 | - | 47.1 | - | 250.0 | 64.8 |
| 1/17 | 162.000 | 10,600 | 124,400 | 34,300 | 7.46 | 166,600 | 10,600 | 36,000 | 0.0 | 0.0 | 273.8 | 56.9 |
| /22 | 181,200 | 14,300 | 119,000 | 41,600 | 7.12 | 95,200 | 4,750 | 23,200 | 47.5 | 44.2 | 265.2 | 59.7 |
| /23 | NO | SAMPLE | | - | 7.19 | NO | SAMPLE | - | - | - | 219.3 | 67.4 |
| 1/24 | NO | SAMPLE | | - | - | NO | SAMPLE | - | - | - | - | - |
| /29 | 158,400 | 12,000 | 120,000 | - | 7.19 | 145,400 | 12,000 | - | 8.2 | - | 312.6 | 65.0 |
| 1/30 | 169,200 | 13,800 | 96,000 | 38,400 | 7.19 | 145,000 | 9,600 | 33,000 | 14.3 | 14.1 | 226.1 | 68.7 |
| | | | | | | | | | | | | |
| Ave. | 183,500 | 16,100 | 122,600 | 47,400 | 7.16 | 124,400 | 7,220 | 34,000 | 31.0 | 23.0 | 252.4 | 68.7 |
| WPC Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

SH 831Z

XXXXXXXXXX

XXXXXXXX

1960

& R. Kremer

Oct

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Solids | Fiber* | Soluble | | | | | | | | | |
| 10/4 | 161,000 | 18,600 | 96,500 | - | 7.79 | 119,500 | 12,800 | - | 25.7 | - | 213.9 | 62.0 |
| /5 | 179,000 | 17,900 | 104,000 | - | 7.72 | 110,800 | 7,800 | - | 38.1 | - | 260.5 | 65.1 |
| /6 | NO | SAMPLE | | - | 7.85 | NO | SAMPLE | - | - | - | 234.1 | 63.4 |
| 0/11 | 211,000 | 19,350 | 106,000 | 47,800 | 7.45 | 69,800 | - | 36,600 | 66.9 | 23.4 | 220.4 | 58.9 |
| 0/12 | 158,800 | 16,200 | 124,600 | - | 7.47 | 82,400 | 7,500 | - | 48.1 | - | 268.1 | 59.2 |
| 0/13 | 135,500 | 10,680 | 138,000 | - | 7.52 | 80,300 | - | - | 40.7 | - | 216.5 | 61.2 |
| .0/18 | 139,000 | 16,950 | 108,800 | - | 7.26 | 36,300 | 4,850 | - | 73.9 | - | 216.1 | 65.4 |
| .0/19 | 142,000 | 15,800 | 110,800 | 42,560 | 6.99 | 56,000 | 6,990 | 24,480 | 60.6 | 42.5 | 232.0 | 58.3 |
| .0/20 | 140,000 | 14,550 | 116,600 | - | 6.99 | 91,000 | 4,660 | - | 35.0 | - | 275.6 | 66.9 |
| 10/25 | 227,000 | 25,300 | 112,600 | - | 6.74 | 41,800 | 20,300 | - | 81.1 | - | 262.4 | 74.3 |
| 10/26 | 168,500 | 12,000 | 108,800 | - | 6.87 | 90,400 | 4,570 | - | 46.3 | - | 255.7 | 73.2 |
| 14/27 | 147,400 | 11,660 | 111,300 | 38,190 | 6.36 | 106,000 | 10,600 | 29,700 | 28.1 | 22.2 | 237.5 | 74.6 |
| | 164,470 | 16,270 | 112,550 | 42,850 | 7.25 | 80,390 | 8,900 | 30,260 | 49.5 | 29.4 | 241.0 | 65.2 |

SCM CONFIDENTIAL

SCM CONFIDENTIAL

# MONTHLY SUMMARY - WASTE TANK TESTS

To: R. A. Larson

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B. Owen, E. J. Gilman, A. M. Mulder, ~~D. Mendham~~, S. Stetz, G. Stoeffler, R. Bell, B. Buenger, D. Falvey, V. Weaver, W. Garrity, C. Mason

From: R. J. Willie

KING DIVISION

| Date | Influent (#/day) Sus. Solids | Fiber* | Soluble | BOD | Effluent (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | % Efficency Solids | % Efficency BOD | Waste Pap Input Regular Tons | Waste Pap Input Regular %Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 10/1 | 127,500 | 28,600 | 103,500 | | 6.55 | 51,200 | 0 | | 59.8 | | 231.5 | 63.2 |
| 10/6 | 129,000 | 25,100 | 97,200 | 32,000 | 6.87 | 33,000 | 0 | 21,700 | 74.4 | 32.2 | | |
| 10/7 | 126,000 | 20,200 | 117,000 | | 6.39 | 90,500 | 0 | | 28.2 | | | |
| 10/8 | TANK DOWN ** | | | | 6.50### | TANK DOWN | | | | | | |
| 10/1[illegible] | " " | ** | | | 6.50### | " | | | | | | |
| 10/1[illegible] | " | ** | | | 6.50### | " | | | | | | |
| 10/1[illegible] | " | ** | | | 6.50### | " | | | | | | |
| 10/2[illegible] | " | | | | 6.50 | " | | | | | | |
| 10/2[illegible] | " | | | | 6.50 | " | | | | | | |
| 10/2[illegible] | " | | | | 6.50 | " | | | | | | |
| W 10/2[illegible] | " | | | | 6.50 | " | | | | | 205.7 | 69.3 |
| T 10/2[illegible] | " | | | | 6.50 | " | | | | | 237.3 | 64.0 |
| T 10/2[illegible] | TANK DOWN | | | | 6.50 | TANK DOWN | | | | | 235.8 | 62.3 |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| Ave | 127,500 | 24,630 | 105,660 | 32,000 | 6.52 | 58,230 | 0 | 21,700 | 54.1 | 32.2 | 221.9 | 63.3 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

*200 mesh ###Estimated Flow ** Burned out motor on big pump to settling tank

SH 835174

To: R.A.Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, G.H.Baldauf, L.B.Owen, E.J.Gilman, L.Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, D.Falvey, M.Carl

1960

KING DIVISION

| Sept. | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Effiency | | Waste Paper Inp Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Sus. solids | Fiber# | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber# | BOD | Solids | BOD | Tons | % Book |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 103,000 | 13,400 | 93,600 | - | 7.02 | 85,400 | 0 | 31,200 | 17.1 | - | 203.6 | 67.1 |
| | 75,300 | 17,800 | 91,000 | - | 7.26 | 21,800 | 0 | 15,100 | 71.0 | - | 174.6 | 66.7 |
| | 70,700 | 10,900 | 106,800 | 20,100 | 6.74 | 9,000 | 0 | 16,300 | 87.3 | 18.8 | 138.6 | 67.0 |
| | 79,700 | 11,700 | 90,800 | - | 6.80 | 4,700 | 0 | 14,700 | 94.1 | - | 176.1 | 67.1 |
| 13 | 95,300 | 18,200 | 130,100 | - | 7.14 | 8,300 | 0 | 18,300 | 91.2 | - | 212.7 | 62.1 |
| 14 | 85,000 | 12,000 | 101,800 | 36,800 | 7.19 | 7,200 | 0 | 29,100 | 91.4 | 20.9 | 161.5 | 68.2 |
| 15 | 93,600 | 13,100 | 91,400 | - | 6.87 | 37,700 | 0 | 26,900 | 59.6 | - | 224.2 | 65.3 |
| T 9/20 | DOWN | | - | - | 6.90 | DOWN | - | - | - | - | 184.2 | 64.3 |
| W 9/21 | DOWN | | - | - | 6.90 | DOWN | - | - | - | - | 231.9 | 64.8 |
| T 9/22 | 134,400 | 14,800 | 110,500 | - | 7.39 | 73,900 | 9,800 | - | 44.8 | - | 240.2 | 64.7 |
| T 9/27 | 128,200 | 9,500 | 117,800 | 30,200 | 7.85 | 173,000 | 20,900 | 36,000 | - | - | 230.9 | 63.4 |
| W 9/28 | NO | SAMPLE | | - | 8.55 | 85,500 | 8,500 | | - | - | 227.8 | 65.8 |
| 9/29 | 166,800 | 18,900 | 128,200 | - | 8.55 | 115,200 | 14,200 | 14,200 | | 30.9 | 242.1 | 61.7 |
| Ave. | 103,200 | 14,000 | 106,200 | 29,000 | 7.32 | 56,500 | 4,800 | 23,400 | 65.2 | 19.8 | 203.7 | 65.2 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

SA 035175

To: R.A.Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, G.H.Baldauf, L.B.Owen, E.J.Gilman, L. Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, [illegible].Falvey, [illegible].Carl

KING DIVISION

| August 1960 Date | INFLUENT (#/day) Sus. solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Effiency Solids | BOD | Waste Paper Inp Regular Tons | Boo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 8/2 | - DOWN ** | | - | - | - | DOWN | - | - | - | - | 215.5 | 64.1 |
| 3 | " " | | " | - | - | - | - | - | - | - | 213.8 | 65.3 |
| 4 | " " | | " | - | - | - | - | - | - | - | 166.3 | 64.7 |
| 9 | " " | | " | - | - | - | - | - | - | - | 188.2 | 61.2 |
| '10 | " " | | " | - | - | - | - | - | - | - | 221.3 | 64.7 |
| '11 | " " | | " | - | - | - | - | - | - | - | 226.7 | 60.0 |
| '16 | 163,000 | 27,900 | 109,000 | - | 5.93 | 14,800 | 0 | - | 91.1 | - | 236.9 | 65.5 |
| '17 | NO SAMPLES | | | - | 6.79 | NO SAMPLES | | - | - | - | 205.0 | 65.7 |
| '18 | NO SAMPLES | | | - | 6.87 | 12,600 | 0 | - | - | - | 218.7 | 64.4 |
| T 8/23 | NO SAMPLES | | | - | 6.50 | NO SAMPLES | | - | - | - | 213.3 | 69.8 |
| W 8/24 | 103,000 | 11,500 | 126,000 | 36,700 | 6.79 | 3,400 | 0 | 16,900 | 95.7 | 53.9 | 208.7 | 66.9 |
| T 8/25 | 108,300 | 13,600 | 107,500 | - | 6.79 | 113,000 | 9,000 | - | - | - | 209.1 | 70.7 |
| T 8/30 | 103,800 | 17,800 | 98,000 | - | 6.91 | 78,400 | 0 | 29,700 | 24.5 | - | 198.3 | 64.8 |
| W 8/31 | 101,000 | 18,000 | 104,500 | 26,700 | 6.97 | 87,200 | 0 | 29,700 | 13.7 | - | 170.4 | 68.8 |
| T | | | | | | | | | | | | |
| Ave. | 115,800 | 17,700 | 109,000 | 31,700 | 6.69 | 51,500 | 1500 | 25,400 | 56.2 | 53.9 | 206.6 | 65.5 |
| [illegible] Order** TANK DOWN FOR REPAIRS | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

5H 035176

To: R.A.Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, G.H.Baldauf, J. D. Dailey, L.B.Owen, E.J.Gilman, L. Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, D.Palvey, M.Carl

KING DIVISION

| July 1960 Date | INFLUENT (#/day) Sus. solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Effiency Solids | BOD | Waste Paper Inp Regular Tons | Boo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/5 | DOWN | VACATION | | - | DOWN | VACATION | | - | - | - | - | - |
| 7/6 | " | | " | - | " | | " | - | - | - | - | - |
| 7/7 | " | | " | - | " | | " | - | - | - | - | - |
| 7/12 | NO | SAMPLES | ** | - | NO | SAMPLES | ** | - | - | - | 242.7 | 72.8 |
| 7/13 | 137,100 | 19,600 | 109,200 | 29,600 | 5.95 | 19,900 | 0 | 17,300 | 85.5 | 41.6 | 231.6 | 69.5 |
| 7/14 | 98,000 | 12,800 | 98,600 | - | 5.93 | 22,700 | 0 | 22,000 | 76.8 | | 237.7 | 69.5 |
| 7/19 | NO | SAMPLES | | - | 6.10 | 36,600 | 0 | 21,300 | - | | 248.8 | 65.8 |
| 7/20 | 67,100 | 6,500 | 108,200 | - | 6.55 | 50,700 | 0 | - | 24.4 | | 224.0 | 67.6 |
| 7/21 | 113,000 | 20,000 | 111,800 | - | 6.39 | 47,800 | 0 | - | 57.6 | | 235.4 | 70.6 |
| 7/26 | - | - | - | - | 6.55 | 60,000 | 0 | - | - | | 248.3 | 65.4 |
| 7/27 | 125,000 | 17,300 | 98,000 | 35,400 | 6.55 | 68,000 | 8,170 | 26,900 | 46.0 | 24.0 | 158.9 | 68.4 |
| 7/28 | 126,000 | 19,000 | 80,000 | - | 6.39 | 87,000 | - | - | 31.0 | | 218.3 | 68.7 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Ave. | 111,000 | 16,200 | 100,900 | 32,500 | 6.30 | 49,000 | 8,170 | 21,900 | 53.6 | 32.8 | 227.3 | 68.7 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

85177

MONTHLY SUMMARY - WASTE TANK TESTS

To: I A. Larson

From: R.J. Willie

cc: W.D. Harrison, R.M.Levy, G.H.Baldauf, L.B.Owen, E.J.Gilman, L.Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, D.Fa[illegible]y, M.Carl, B.Buenger

KING DIVISION

| June 1960 Date | INFLUENT (#/day) Sus. Solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Efficiency Solids | BOD | Waste Paper Inpu Regular Tons | %Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /1 | 100,500 | 16,300 | 83,000 | 34,300 | 6.23 | 53,000 | 8,300 | 27,500 | 46.2 | 19.8 | 173.8 | 70.6 |
| /2 | 143,000 | 28,800 | 98,300 | | 6.55 | 152,000 | 28,300 | | | | 228.4 | 69.0 |
| /7 | 108,000 | 18,700 | 88,500 | 27,500 | 6.23 | 59,200 | 11,100 | 35,300 | 45.1 | | 131.1 | 70.8 |
| /8 | 162,400 | 32,800 | 92,300 | | 6.16 | 84,200 | 11,600 | | 47.0 | | 208.4 | 70.0 |
| /9 | NO SAMPLES | | | | 6.16 | 105,600 | 12,300 | | | | 234.6 | 68.0 |
| 6/14 | 122,100 | 24,600 | 123,200 | | 6.16 | 11,300 | 0 | | 90.7 | | 227.5 | 69.6 |
| 6/15 | 89,000 | 15,500 | 108,800 | 34,700 | 5.93 | 23,700 | 0 | 25,100 | 73.4 | 27.7 | 248.0 | 68.[illegible] |
| 6/16 | 105,000 | 21,800 | 114,200 | | 6.23 | 17,600 | 0 | | 83.2 | | 249.8 | 66.8 |
| 6/21 | 145,000 | 32,100 | 109,100 | | 6.55 | 31,000 | 0 | | 78.7 | | 258.6 | 69.8 |
| 6/22 | 83,100 | 10,500 | 113,300 | 28,100 | 6.47 | 33,400 | 0 | 19,900 | 59.7 | 29.1 | 232.3 | 68.[illegible] |
| 6/23 | 98,200 | 11,300 | 108,000 | | 6.47 | 35,500 | 0 | | 63.8 | | 251.8 | 68.0 |
| 6/28 | 121,000 | 21,300 | 125,100 | 43,300 | 6.55 | 19,600 | 0 | 25,200 | 83.8 | 41.7 | 224.1 | 69.8 |
| 6/29 | 106,800 | 19,900 | 114,400 | | 6.55 | 12,200 | 0 | | 87.7 | | 258.0 | 70.3 |
| 6/30 | 113,600 | 19,300 | 106,000 | | 6.37 | 30,800 | 0 | | 72.8 | | 254.4 | 68.[illegible] |
| Ave. | 115,200 | 20,900 | 106,400 | 33,580 | 6.33 | 47,790 | 5,100 | 26,600 | 69.3 | 29.5 | 227.2 | 69.1 |
| [illegible]C Order | | | | | | 53,700 | | 16,300 | | | | |

[illegible]00 Mesh

SCM CONFIDENTIAL

SA 035178

To: R.A.Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, G.H.Baldauf, L.B.Owen, E.J.Gilman, L. Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, D.Falvey, M.Carl

KING DIVISION

| May 1960 | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Effiency | | Waste Paper Inpu Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Sus. solids | Fiber# | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber# | BOD | Solids | BOD | Tons | % Book |
| T 5/3 | 122,500 | 15,300 | 119,500 | - | 6.23 | 24,900 | 0 | - | 79.7 | - | 221.3 | 69.9 |
| /4 | - No Sample | | - | - | 6.23 | 41,500 | 400 | - | - | - | 184.8 | 67.8 |
| /5 | 99,000 | 13,900 | 99,000 | - | 5.93 | 76,200 | 7,900 | - | 23.1 | - | 235.2 | 71.6 |
| 5/10 | 101,200 | 14,600 | 114,200 | - | 6.25 | No Sample | | - | - | - | 174.1 | 66.2 |
| 5/11 | 132,300 | 20,000 | 81,300 | - | 6.50 | No Sample | | - | - | - | 207.8 | 65.0 |
| 5/12 | 100,000 | 13,100 | 89,000 | - | 5.93 | 40,300 | 0 | - | 59.7 | - | 223.1 | 64.3 |
| 5/17 | 97,300 | 13,600 | 97,300 | - | 6.16 | 61,500 | 6,100 | - | 36.8 | - | 208.4 | 63.0 |
| 5/18 | 113,200 | 14,000 | 114,300 | 32,300 | 6.24 | 93,500 | 12,500 | 30,200 | 17.4 | 6.5 | 243.9 | 69.6 |
| 5/19 | 96,100 | 9,500 | 109,000 | - | 6.55 | 53,200 | 6,500 | - | 44.7 | - | 224.0 | 68.1 |
| T 5/24 | - No Sample | | - | - | 6.50 | No Sample | | - | - | - | 234.7 | 65.7 |
| W 5/25 | 112,800 | 19,500 | 119,200 | - | 6.50 | 44,300 | 0 | - | 60.6 | - | 224.1 | 65.6 |
| T 5/26 | 118,000 | 20,000 | 130,000 | 42,700 | 6.50 | 24,800 | 0 | 22,700 | 78.9 | 46.8 | 249.4 | 64.4 |
| T 5/31 | 91,500 | 13,100 | 126,200 | - | 6.50 | 49,300 | 0 | - | 46.1 | - | 243.2 | 69.4 |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| Ave. | 107,600 | 15,100 | 109,000 | 37,500 | 6.30 | 50,950 | 3,300 | 26,400 | 49.6 | 26.6 | 221.0 | 66.9 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

SH 035179

MONTHLY SUMMARY - WASTE TANK TESTS

To: R. A. Larson

cc: W. D. Harrison, R. M. Levy, H. B. Johnston, G. H. Baldauf, L. B. Owen, D. Mendham, S. Stetz, R. Bell, B. Buenger, W. Garrity

From: R. J. Willie

April 1960

RING DIVISION

| Date | Influent (#/day) Sus. Solids | Fiber* | Soluble | BOD | Effluent (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | % Efficency Solids | % Efficency BOD | Waste Pap Input Regular Tons | Regular %Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/5 | - | All Down ** | - | - | **** | All | Down ** | - | - | - | 225.5 | 70.0 |
| /6 | " | " | " | - | " | " | | - | - | - | 235.5 | 68.4 |
| /7 | " | " | " | - | " | " | | - | - | - | 229.1 | |
| /12 | | No Sample *** | | - | " | No Sample *** | | - | - | - | 164.7 | |
| /13 | | " | | - | " | " | | - | - | - | 193.6 | |
| /14 | | " | | - | " | " | | - | - | - | 222.1 | |
| /19 | | " | | - | " | " | | - | - | - | 209.2 | |
| /20 | | " | | - | " | " | | - | - | - | 228.4 | |
| /21 | 103,000 | 15,000 | 104,000 | - | 6.2 | 35,200 | 0 | - | 65.7 | - | 197.4 | |
| /26 | 117,000 | 20,800 | 113,800 | - | 6.5 | 31,100 | 0 | - | 73.0 | - | 150.4 | |
| /27 | 113,500 | 18,400 | 102,000 | - | 6.0 | 93,000 | 13,600 | - | 18.1 | - | 180.3 | |
| /28 | 110,000 | 19,000 | 93,000 | 35,400 | 6.5 | 69,800 | 17,400 | 27,200 | 36.6 | 30.3 | 183.4 | 72.2 |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| Ave. | | | | | | | | | | | | |
| | 110,800 | 18,300 | 103,200 | 35,400 | 6.5 | 57,350 | 53,700 | 27,200 | 48.3 | 30.3 | 203.6 | 69.7 |

SCM CONFIDENTIAL

058188

MONTHLY SUMMARY WASTE TANK TESTS

To: R .Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, H.B.Johnston, G.H.Baldauf, L. Owen, E.J.Gilman, L.Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Buenger, D.Falvey, M.Carl, T.Hayhart

KING DIVISION

| Date 1960 | INFLUENT (#/day) Sus. solids | Fiber* | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fiber* | BOD | Removal % Effiency Solids | BOD | Waste Paper In Regular Tons | % Book |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/1 | 166,500 | 18,300 | 198,000 | | ** 7.00 | 164,500 | 0 | | - | - | 220.1 | 66.3 |
| 2 | 138,600 | 14,000 | 87,600 | | ** 7.00 | 18,700 | - | | - | - | 220.9 | 65.8 |
| 3 | -- Tank Down -- | | | | ** 7.00 | -- Tank Down -- | | | - | - | 235.5 | 63.8 |
| /8 | 69,000 | 9,900 | 105,000 | | ** 7.00 | 158,500 | 28,000 | | - | - | 203.0 | 71.8 |
| /9 | 113,200 | 14,800 | 140,000 | 35,600 | ** 7.00 | 134,000 | 21,000 | 42,600 | - | - | 220.0 | 70.5 |
| /10 | 115,000 | 14,600 | 99,400 | | ** 7.00 | 58,300 | 9,300 | | - | - | 231.1 | 60.8 |
| /15 | No Sample | | 99,000 | | ** 7.00 | 38,500 | 0 | | - | - | 189.2 | 72.5 |
| /16 | No Sample | | *** | | ** 7.00 | 40,700 | 0 | | - | - | 211.7 | 68.4 |
| /17 | No Sample | | *** | | ** 7.00 | 52,500 | 0 | | - | - | 230.1 | 69.8 |
| 3/22 | No Sample | | *** | 64,200 | ** 6.50 | 46,600 | 0 | 31,500 | - | 51.0 | 190.4 | 61.9 |
| 3/23 | No Sample | | *** | | ** 7.00 | 49,000 | 0 | | - | - | 230.1 | 66.4 |
| /24 | No Sample | | *** | | ** 7.00 | No Sample | | | - | - | 199.3 | 66.3 |
| /29 | 178,500 | 36,500 | 116,800 | | ** 7.00 | 29,200 | 0 | | 83.8 | - | 225.0 | 71.7 |
| /30 | 137,600 | 19,800 | 157,500 | | ** 7.00 | 21,000 | 0 | | 84.6 | - | 261.3 | 73.0 |
| /31 | 87,500 | 19,000 | 145,800 | | ** 7.00 | 21,000 | 0 | | 76.0 | - | 211.9 | 75.2 |
| e. | 125,700 | 18,300 | 127,670 | 49,900 | ** 6.96 | 64,300 | 3,880 | 37,050 | 81.5 | 51.0 | 218.6 | 68.3 |
| C Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

5A

035181

[illegible]

To: R.A.Larson

From: R.J.Willie

cc: W.D.Harrison, R.M.Levy, H.B.Johnston, G.H.Baldauf, L.[illegible].Owen, E.J.Gilman, L.Gayou, V.Weaver, S.Stetz, U.G.Stoeffler, C.Mason, B.Puenger, [illegible] Falvey, [illegible] Carl, T. Kayhart

1960

KING DIVISION

| FEB | INFLUENT (#/day) | | | | EFFLUENT (#/day) | | | | Removal % Effiency | | Waste Paper In Regular | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Sus. solids | Fiber# | Soluble | BOD | Flow (MGD) | Sus. Solids | Fiber# | BOD | Solids | BOD | Tons | % Book |
| T/2 | 100,500 | 17,700 | 92,700 | - | 6.73 | 96,800 ** | 17,400 | - | 3.7 | - | 220.5 | 72.2 |
| | 102,000 | 17,400 | 104,100 | - | 6.95 | 68,300 ** | 9,300 | - | 33.1 | - | 229.4 | 71.2 |
| | 132,000 | 18,400 | 111,000 | 36,800 | 7.00 | 149,100 ** | 23,300 | 41,300 | - | - | 224.6 | 71.6 |
| | 87,700 | 11,400 | 105,500 | - | 7.02 | 49,000 ** | 2,300 | - | 44.2 | - | 190.2 | 70.2 |
| [illegible] | 122,500 | 12,000 | 122,500 | - | 7.00 | 88,500 ** | 700 | - | 27.8 | - | 229.3 | 72.5 |
| 1 | 126,000 | 14,000 | 111,000 | - | 7.00 | 106,000 ** | 9,300 | - | 15.9 | - | 234.4 | 74.7 |
| 6 | 119,000 | 16,300 | 122,300 | - | 7.00 | 152,000 ** | 9,300 | - | - | - | 246.8 | 68.9 |
| .7 | 93,500 | 12,300 | 114,000 | - | 6.85 | 106,000 ** | 13,200 | - | - | - | 223.4 | 72.2 |
| .8 | 99,500 | 14,800 | 97,000 | - | 6.85 | 108,000 ** | 13,700 | - | - | - | 214.6 | 69.5 |
| T/23 | 127,500 | 20,500 | 115,000 | - | 6.90 | 77,000 | 11,500 | - | 39.6 | - | 229.7 | 69.8 |
| /24 | 110,200 | 18,000 | 95,800 | - | 6.75 | 95,800 | 11,200 | - | 13.1 | - | 228.8 | 73.8 |
| T/25 | 95,800 | 11,700 | 111,800 | 31,700 | 7.00 | 70,000 | 6,000 | 36,400 | 26.9 | - | 207.3 | 70.4 |
| T | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| T | | | | | | | | | | | | |
| Ave. | 113,850 | 15,370 | 108,550 | 34,250 | 6.92 | 97,200 | 11,000 | 38,850 | 25.5 | | 223.2 | 71.4 |
| WRC Order | | | | | | 53,700 | | 16,300 | | | | |

SCM CONFIDENTIAL

SA 035182

SCM CONFIDENTIAL

cc: W.L.Harrison, E.W.Levy, H.E.Johnston, C.H.Baldauf, [illegible] Gilman, L.Gayou, V.Weaver, [illegible] Stetz, [illegible] Steffler, [illegible] Wagner, [illegible] Leeper, [illegible] Huenger, [illegible] Love

Mr. W.A.Larson

From: R.J.Willie

T. Kayhart

KING DIVISION

| Jan 1960 Date | INFLUENT (#/day) Sus. Solids | Fibers | Soluble | BOD | EFFLUENT (#/day) Flow (MGD) | Sus. Solids | Fibers | BOD | Removal Efficiency Solids | BOD | Waste Heat Regular Tons | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/5 | No | Sample | ---- | ---- | 7.00 | No | Sample | ---- | - | - | 228.7 | 76 |
| | 95,600 | 13,100 | 99,300 | 31,200 | 7.00 | 25,600 | 0 | 29,100 | 73.2 | 6.8 | 190.8 | 75 |
| | 67,700 | 14,300 | 75,800 | - | 7.00 | 42,000 | 0 | - | 37.9 | - | 97.8 | 72. |
| 12 | 125,500 | 15,900 | 112,800 | - | 7.52 | 120,200 | 17,200 | - | 4.2 | - | 246.3 | 67. |
| 13 | 76,700 | 12,000 | 80,000 | 24,900 | 6.87 | 137,000 | 25,500 | 48,700 | - | - | 139.8 | 81. |
| 14 | 77,000 | 13,500 | 78,000 | - | 6.23 | 56,000 | 0 | - | 27.3 | - | 219.2 | 76. |
| 19 | ** No | ** Sample ** | | ---- | 7.50 | ** No | Sample** | ---- | - | - | 202.8 | 78. |
| 20 | ** No | **Sample | ** | ---- | 7.50 | 35,100 | 0 | - | - | - | 252.9 | 73. |
| 21 | ** No | ** Sample | ** | ----- | 7.37 | 125,000 | 12,500 | - | - | - | 243.3 | 71. |
| 1/26 | 122,500 | 22,200 | 144,000 | - | 7.50 | 76,500 | 5,000 | - | 37.5 | - | 231.1 | 71. |
| 1/27 | 105,500 | 22,600 | 95,700 | 32,900 | 7.20 | 78,000 | 19,100 | 30,000 | 26.1 | 8.8 | 211.1 | 67. |
| 1/28 | 105,900 | 15,500 | 93,000 | - | 6.55 | 84,000 | 10,900 | - | 20.7 | - | 255.9 | 72. |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| ge | 97,050 | 16,100 | 97,300 | 29,660 | 7.10 | 77,940 | 9,050 | 35,900 | 32.4 | 7.8 | 209.9 | 73. |
| MG (Per | | | | | | 53,700 | | 14,3 | | | | |

CS 23183

FROM: Fred Harrison

cc: J. D. Dailey, H. L. Levy, G. H. Balmuf, L. J. Gilman, S. Stetz, R. Bennett, D. Falvey, Process C.

| DIVISION | DATE | INFLUENT | | | EFFLUENT | | | | REMOVAL % | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Flow (MGD) | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Solids | BOD (ppm) |
| KING | 8/4/61 | 46.6 | 4.58 | 409 | 6.5 | 9.17 | 0.83 | 368 | 80.3 | 10 |
| BRYANT | 8/4/61 | 28.2 | 0.83 | 524 | 1.2 | 4.50 | 0.24 | 273 | 84.0 | 47.9 |

1961

SCM CONFIDENTIAL

SA 035184

SCM CONFIDENTIAL

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 7/20/61 | 16.2 | 2.10 | 375 | 6.3 | 16.2 | 2.10 | 365 | 0 | 2.67 |
| | 7/20/61 | 29.2 | 4.84 | 562 | 2.0 | 2.0 | 0 | 165 | 93.1 | 70.6 |

SH 033186

WEEKLY SUMMARY - WASTE TREATMENT

TO: Les Stoeffler

FROM: Fred Harrison

cc: J. D. Dailey, R. M. Levy, G. H. Baldauf, E. J. Gilman, S. Stetz, R. Bennett, D. Falvey, Process C.

| DIVISION | DATE | INFLUENT | | | | EFFLUENT | | | | REMOVAL % | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Flow (MGD) | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Solids | BOD (ppm) |
| ING | 7/11/61 | 12.8 | 2.42 | 581 | 7.2 | 9.02 | 1.17 | 369 | 29.7 | 36.5 |
| | 7/12/61 | 28.4 | 5.34 | 673 | 7.6 | 6.85 | 1.17 | 349 | 75.9 | 48.1 |
| RYANT | 7/11/61 | 33.4 | 4.34 | 907 | 2.9 | - | 0.25 | 334 | - | 63.3 |
| | 7/12/61 | 28.7 | 1.25 | 637 | 3.0 | 5.84 | 0 | 290 | 79.6 | 54.5 |

SCM CONFIDENTIAL

035187

WEEKLY SUMMARY - WASTE TANK TESTS

TO: C. S. Stoeffler

FROM: Fred Harrison

cc: J. D. Dailey, R. M. Levy, G. H. Baldauf, E. J. Gilman, S. Stetz, R. Bennett, D. Falvey, Process C.

| DIVISION | DATE | INFLUENT | | | EFFLUENT | | | | REMOVAL % | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Flow (MGD) | Susp. solids (#/1000gal.) | Fiber 200 Mesh (#/1000gal.) | BOD (ppm) | Solids | BOD (ppm) |
| KING | 7/6/61 | 17.2 | 2.5 | | 7.0 | 9.0 | 0.33 | | 47.6 | 52,600 |
| | 7/7/61 | 15.2 | 2.17 | 555 | 7.0 | 6.4 | 0.08 | 437 | 58.0 | 21.3 25,800 37,300 |
| BRYANT | 7/7/61 | 37.7 | 12.5 | 1560 | 1.1 (By-passing) | 1.84 | 0 | 339 | 95.1 | 78 |

SCM CONFIDENTIAL

SH 835183

SCM CONFIDENTIAL

# KING WASTE TREATMENT SUMMARY

May 1963

TO: U. G. STOEFFLER ✓

FROM: P. H. GERMANN

cc: W. D. Harrison, J. D. Dailey, E. J. Gilman, R. M. Levy, G. H. Baldauf, J. Galloway, R. Mendham, S. Stetz, R. Bennett

| DATE | FLOW (MGD) | INFLUENT (#/DAY) SOLIDS | FIBER | BOD | EFFLUENT (#/DAY) SOLIDS | FIBER | BOD | REMOVAL (%) SOLIDS | FIBER | BOD |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/29 | 7.16 | 131,000 | 20,400 | - | 35,800 | -0- | 20,200 | 72.6 | 100 | - |
| 4/30 | 7.16 | 157,500 | 26,800 | - | 66,800 | -0- | 14,800 | 57.5 | 100 | - |
| 5/1 | 7.09 | 154,000 | 25,400 | 38,000 | 62,600 | 1,130 | 18,000 | 59.3 | 95.5 | 52.5 |
| 5/2 | 7.09 | 177,500 | 30,700 | 38,000 | 49,600 | 1,770 | 13,600 | 72.0 | 94.2 | 64.2 |
| 5/3 | 7.16 | 154,000 | 29,800 | - | 53,700 | 8,300 | - | 65.1 | 72.1 | - |
| 5/4 | 6.95 | 130,000 | 26,200 | - | 44,600 | 5,770 | - | 65.6 | 77.9 | - |
| 5/6 | 7.56 | 93,100 | 27,700 | 63,000 | 14,500 | 6,270 | 34,400 | 84.4 | 77.3 | 45.3 |
| 5/7 | 7.24 | 203,000 | 71,800 | 41,600 | 74,000 | 6,000 | 22,800 | 63.5 | 91.6 | 45.1 |
| 5/8 | 7.24 | 175,000 | 33,200 | 43,000 | 78,500 | -0- | 21,500 | 55.1 | 100.0 | 50.0 |
| 5/9 | 7.24 | 121,000 | 33,200 | - | - | - | - | - | - | - |
| 5/10 | 7.24 | 132,000 | 31,400 | - | 60,000 | -0- | - | 54.5 | 100.0 | - |
| 5/13 | 7.42 | 198,000 | 39,000 | 25,600 | 78,000 | 1.260 | 15,400 | 60.6 | 96.7 | 39.8 |
| 5/14 | 7.09 | 186,000 | 39,600 | 22,600 | 107,500 | 7,090 | 14,700 | 42.2 | 82.0 | 34.9 |
| 5/15 | 7.09 | 175,000 | 34,300 | 19,750 | 67,400 | 3,540 | 13,400 | 61.4 | 89.6 | 32.1 |
| 5/16 | 7.09 | 222,000 | 47,900 | 25,600 | 63,800 | 3,540 | - | 71.2 | 92.6 | - |
| 5/20 | 7.09 | - | - | 40,000 | - | - | 20,700 | - | - | 48.2 |
| 5/21 | 7.09 | 252,000 | 49,000 | 30,500 | 65,000 | 589 | 21,800 | 74.2 | 98.7 | 28.5 |
| 5/22 | 7.09 | 215,000 | 39,600 | 23,100 | 57,900 | -0- | 16,950 | 73.0 | 100.0 | 26.6 |
| 5/23 | 7.09 | 167,000 | 30,200 | 29,100 | 66,200 | 589 | 18,400 | 60.3 | 98.0 | 36.7 |
| 5/24 | 6.95 | 133,500 | 21,400 | - | 65,000 | 3,550 | - | 51.3 | 83.4 | - |
| 5/25 | 7.09 | 125,000 | 23,700 | - | 64,900 | 1,740 | - | 48.0 | 92.6 | - |
| Avg. | 7.15 | 165,080 | 34,030 | 33,830 | 61,900 | 2,690 | 19,000 | 62.7 | 91.7 | 42.0 |

I61CSD 85

KING DIVISION WASTE TREATMENT - APRIL 1963

TO: U. G. STOEFFLER

FROM: P. H. GERMANN

cc: W.D. Harrison, J.D. Dailey, E.J. Gilman, R.M. Levy, G.H. Baldauf, J. Galloway, R. Mendham, S. Stetz, R. Bennett, R.J. Willie

| DATE | FLOW | INFLUENT (#/DAY) | | | EFFLUENT (#/DAY) | | | REMOVAL (%) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | SOLIDS | FIBER | BOD | SOLIDS | FIBER | BOD | SOLIDS | FIBER | BOD |
| 1 | 6.7 | 220,000 | 38,000 | - | 60,000 | 1,675 | - | 72.7 | 95.6 | - |
| 2 | 6.5 | 195,000 | 64,000 | - | 71,000 | 2,140 | - | 63.6 | 95.7 | - |
| 3 | 6.5 | 127,000 | 21,700 | - | 58,500 | 4,350 | - | 53.1 | 80.0 | - |
| 4 | 6.4 | 125,000 | 27,700 | - | 71,500 | 3,200 | - | 43.2 | 88.5 | - |
| 5 | 6.4 | 93,000 | 20,400 | - | 66,300 | 1,090 | - | 29.0 | 94.6 | - |
| 6 | 6.5 | 120,000 | 25,000 | - | 22,200 | 1,130 | - | 81.7 | 95.5 | - |
| 7 | 6.4 | 123,000 | 32,000 | - | 26,600 | - 0 - | - | 78.4 | 100 | - |
| 8 | 6.3 | 169,000 | 41,000 | - | 47,300 | 1,575 | - | 72.2 | 96.2 | - |
| 9 | 6.3 | 153,000 | 28,900 | - | 69,300 | - 0 - | - | 54.7 | 100 | - |
| 10 | 6.5 | 162,500 | - | - | 76,500 | - 0 - | - | 53.0 | 100 | - |
| 11 | 6.5 | 124,500 | - | - | 59,500 | - 0 - | - | 52.2 | 100 | - |
| 12 | 6.5 | 166,000 | 28,200 | - | 113,500 | 5,400 | - | 31.6 | 80.8 | - |
| 13 | 6.5 | - | - | - | 48,700 | - 0 - | - | - | 100 | - |
| 15 | 6.7 | 202,000 | 48,200 | - | 55,700 | 5,550 | - | 72.5 | 88.5 | - |
| 16 | 7.0 | 114,000 | 24,800 | - | 69,500 | 5,140 | - | 31.6 | 79.3 | - |
| 17 | 7.2 | 126,500 | 33,100 | - | 24,100 | - 0 - | - | 81.0 | 100 | - |
| 18 | 7.0 | 125,000 | 23,800 | - | 18,600 | 1,740 | - | 85.2 | 92.7 | - |
| 19 | 7.0 | 166,000 | 43,300 | - | 51,500 | 5,200 | - | 69.0 | 88.0 | - |
| 20 | 7.1 | 147,000 | 32,500 | - | 49,100 | 5,900 | - | 66.5 | 81.8 | - |
| 21 | 7.2 | 189,000 | 35,000 | 18,300 * | 104,000 | 6,000 | 18,000 * | 45.0 | 82.8 | 1.6 |
| 22 | 7.0 | 168,000 | 24,500 | 18,700 * | 60,800 | 2,330 | 16,900 * | 63.8 | 90.5 | 9.6 |
| 23 | 7.1 | 144,500 | 21,300 | 24,200 | 71,000 | 2,340 | 14,565 | 50.9 | 89 | 41.6 |
| 24 | 7.0 | 180,000 | 34,200 | 23,600 | 134,500 | 1,740 | 20,600 | 25.3 | 94.9 | 12.7 |
| 25 | 7.0 | 173,000 | 26,900 | 24,000 | 73,800 | 2,940 | 18,500 | 57.4 | 89.1 | 22.9 |
| Avg. | | 152,700 | 32,100 | 21,800 | 62,600 | 2,480 | 17,700 | 59.0 | 92.5 | 14.2 |

* By NSCI

SCM CONFIDENTIAL

5H 035192

KING DIVISION
WASTE TREATMENT -- MARCH 1963

TO: U. G. STOEFFLER

FROM: P. H. GERMANN

CC: W. D. HARRISON, J. D. DAILEY, E. J. GILMAN, R. M. LEVY, G. H. BALDAUF, J. GALLOWAY, H. MENDHAM, S. STETZ, R. BENNETT, R. J. WILLIE

| DATE | FLOW | INFLUENT (#/DAY) | | | EFFLUENT (#/DAY) | | | REMOVAL (%) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | (MGD) | SOLIDS | FIBER | BOD * | SOLIDS | FIBER | BOD * | SOLIDS | FIBER | BOD |
| 5 | 7.2 | 222,000 | 51,600 | - | 11,950 | None | - | 94.6 | 100 | - |
| 6 | 7.0 | 175,000 | 40,800 | - | 11,600 | " | - | 93.4 | " | - |
| 7 | 6.8 | 184,000 | 51,000 | - | 24,000 | " | - | 87.0 | " | - |
| 11 | 7.9 | 242,000 | 40,000 | - | 97,500 | 6,550 | - | 60.0 | 83.6 | - |
| 12 | 8.0 | 154,000 | 27,400 | 41,000 | 84,000 | 2,640 | 24,200 | 45.5 | 90.4 | 41 |
| 13 | 6.7 | 181,000 | 25,100 | 37,400 | 60,300 | 1,680 | 24,300 | 66.6 | 93.3 | 35 |
| 14 | 6.5 | 196,000 | 31,400 | 39,600 | 92,000 | 2,720 | 23,400 | 53.0 | 91.3 | 41 |
| 18 | 6.5 | 124,000 | 21,100 | 26,800 | 70,500 | None | 16,800 | 43.0 | 100 | 37 |
| 19 | 6.8 | 136,000 | 27,200 | - | 38,500 | " | - | 71.6 | " | - |
| 20 | 7.0 | 127,000 | 24,500 | - | 18,600 | " | - | 83.3 | " | - |
| 21 | 6.8 | 130,000 | 25,500 | - | 34,000 | " | - | 73.8 | " | - |
| 22 | 6.7 | 119,000 | 27,900 | - | 48,000 | " | - | 60.0 | " | - |
| 25 | 6.7 | 123,000 | 29,400 | - | 3,350 | " | - | 97.3 | " | - |
| 26 | 6.7 | 145,000 | 33,500 | - | 8,960 | " | - | 93.8 | " | - |
| 27 | 6.9 | 126,000 | 35,600 | - | 11,500 | 5,700 | - | 90.9 | 84 | - |
| 28 | 6.9 | 141,000 | 25,900 | - | 54,000 | None | - | 61.7 | 100 | - |
| 29 | 6.9 | 136,000 | 29,100 | - | 13,500 | " | - | 90.2 | " | - |
| Avg. | 6.9 | 156,500 | 32,200 | 36,200 | 40,100 | 1,100 | 22,175 | 74.4 | 96.6 | 38.5 |

* NCSI Lab

SCM CONFIDENTIAL

5A 035193

SCM CONFIDENTIAL

035194

TABLE I

KING DIVISION WASTE TREATMENT

TO: U. G. STOEFFLER

FROM: P. H. GERMANN

CC: W. D. Harrison
J. D. Dailey
R. M. Levy
G. H. Baldauf

| 1963 | NCSI BOD (PPM) INF | NCSI BOD (PPM) EFF | FLOW (MGD) | BOD (#/DAY) INF | BOD (#/DAY) EFF | SUSPENDED SOLIDS (#/DAY) INF | SUSPENDED SOLIDS (#/DAY) EFF | FIBER (#/DAY) INF | FIBER (#/DAY) EFF | DI FURNISH % BOOK | DI FURNISH TOTAL TONS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/12 | 616 | 363 | 8.0 | 41,000 | 24,200 | 154,000 | 84,000 | 27,400 | 2,640 | 52 | 225 |
| 3/13 | 668 | 364 | 6.7 | 37,400 | 24,300 | 181,000 | 60,300 | 25,100 | 1,680 | 53 | 188 |
| 3/14 | 593 | 350 | 6.5 | 39,600 | 23,400 | 196,000 | 92,000 | 31,400 | 2,720 | 49 | 201 |
| 3/18 | 490 | 310 | 6.5 | 26,800 | 16,800 | 124,000 | 70,500 | 21,100 | none | 51 | 165 |
| 4/21 | 305 | 300 | 7.2 | 18,300 | 18,000 | 189,000 | 104,000 | 35,000 | 6,000 | 47 | 220 |
| 4/22 | 320 | 290 | 7.0 | 18,700 | 16,900 | 168,000 | 60,800 | 24,500 | 2,330 | 48 | 230 |
| | R & D BOD (PPM) | | | | | | | | | | |
| 4/23 | 410 | 248 | 7.1 | 24,200 | 14,565 | 144,500 | 71,000 | 21,300 | 2,340 | 48 | 236 |
| 4/24 | 405 | 354 | 7.0 | 23,600 | 20,600 | 180,000 | 134,500 | 34,200 | 1,740 | 50 | 188 |
| 4/25 | 412 | 317 | 7.0 | 24,000 | 18,500 | 173,000 | 73,800 | 26,900 | 2,940 | 53 | 238 |

| | Period #1 | Period #2 |
|---|---|---|
| King Division | .972 MGD | .571 MGD |
| Bryant Division | 4.79 MGD | 3.43 MGD |
| Monarch Division | 2.128 MGD | 1.86 MGD |
| Total | 7.89 MGD | 5.86 MGD |

TABLE 1 Laboratory analysis of composite samples

| Parameter | Survey Period | King 1 | King 2 | Bryant 1 | Bryant 2 | Monarch 1 | Monarch 2 |
|---|---|---|---|---|---|---|---|
| | Concentration | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l |
| 5 day BOD | | 120 | 170 | 280 | 240 | 32 | 13 |
| Suspended solids | | 72 | 46 | 204 | 214 | 28 | 16 |
| Suspended volatile solids | | 29 | 32 | 74 | 62 | 13 | 12 |
| Settleable solids | | 37 | 16 | 17 | 16 | 22 | 11 |
| pH | | 6.9 | 7.3 | 6.6 | 7.1 | 7.3 | 7.5 |

TABLE 2 Pounds per day to Kalamazoo River

| Period #1 | King | Bryant | Monarch | Total |
|---|---|---|---|---|
| 5 day BOD | 972 | 11,200 | 568 | 12,740 #/day |
| Suspended solids | 583 | 8,140 | 496 | 9,219 #/day |
| Suspended volatile solids | 235 | 2,960 | 231 | 3,426 #/day |
| Settleable solids | 299 | 679 | 390 | 1,368 #/day |
| Period #2 | | | | |
| 5 day BOD | 810 | 6,860 | 202 | 7,872 |
| Suspended solids | 220 | 6,120 | 248 | 6,588 |
| Suspended volatile solids | 153 | 1,775 | 186 | 2,114 |
| Settleable solids | 76.4 | 457 | 171 | 704.4 |

Pound per day was computed using following formula:

Flow (MGD) x concentration (mg/l) x unit wt. of water (8.34 lbs/gal) = lbs/day

TABLE 3 Paper production in tons during survey period

| | King | Bryant | Monarch | Total |
|---|---|---|---|---|
| Period #1 | 234 | 211.5 | 82.5 | 528 |
| | De-inking mill input 114 tons | | | |
| | output 91.6 tons | | | |
| Period #2 | 145.8 | 216.0 | 51.5 | 413.3 |
| | De-inking mill input 109 tons | | | |
| | output 87 tons | | | |

TABLE 4 Gallons of waste water discharged per ton of paper products

| | | | | |
|---|---|---|---|---|
| Period #1 | 4,154 | 22,650 | 25,790 | 14,940 |
| Period #2 | 2,640 | 23,530 | 36,200 | 14,120 |

0012641



SA00026434

Table 2

Production at Bryant Mill

| Paper Machines | | De-Inking Tons In | (80% In) Tons Out |
|---|---|---|---|
| First Survey Period | 209.2 Tons | 137 | 109.9 |
| Second Survey Period | 172.9 Tons | 118 | 94.5 |



MDNR00003700

MILLENNIUM HOLDINGS, INC.
KALAMAZOO MEDIATION

REFERENCED DOCUMENTS RE:
QUESTION NO. 9

(1of 5)

PRODUCTION BY GRADE

July 80 - June 81

| | | |
|---|---|---|
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| 108410 | 108410 | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | 04 |
| [illegible] | [illegible] | 08 |
| 10130 | [illegible] | 16 |
| [illegible] | [illegible] | 16 |
| [illegible] | [illegible] | 16 |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | 8 |
| 18450 | 18450 | 14 |
| 5700 | 5700 | 14 |
| 52500 | 52500 | 4 |
| [illegible] | | |

5881090
16%

[illegible] 1479

577 MADE IN U

SA 053425

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
0276
1810
1902
2100
2104
2240
2241
2406
3502
7121
7122
7123

JUNE. 1981

| | | | | | |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | | | | |
| 19 | | | | | |
| 20 | | | | | |
| 21 | | | | | |
| 22 | | | | | |
| 23 | | | | | |
| 24 | | | | | |
| 25 | | | | | |
| 26 | | | | | |
| 27 | | | | | |
| 28 | | | | | |
| 29 | | | | | |
| 30 | | | | | |
| 31 | | | | | |
| 32 | | | | | |
| 33 | | | | | |
| 34 | | | | | |
| 35 | | | | | |
| 36 | | | | | |
| 37 | | | | | |
| 38 | | | | | |
| 39 | | | | | |
| 40 | | | | | |

C W LSON JONES COMPANY G7214 GREEN 7214 BUFF PAT APPL FOR

| | | | | |
|---|---|---|---|---|
| [illegible] | | | [illegible] | [illegible] |
| | [illegible] | | [illegible] | [illegible] |
| | [illegible] | | [illegible] | [illegible] |
| [illegible] | [illegible] | | [illegible] | [illegible] |
| | [illegible] | [illegible] | [illegible] | [illegible] |
| | [illegible] | | [illegible] | [illegible] |
| | [illegible] | [illegible] | [illegible] | [illegible] |
| | 18510 | | [illegible] | 16 |
| [illegible] | | | 67530 | 16 |
| [illegible] | | | [illegible] | [illegible] |
| [illegible] | | | [illegible] | [illegible] |
| 10[illegible] | | | [illegible] | 5 |
| [illegible] | | | [illegible] | 16 |
| [illegible] | | | 14160 | [illegible] |
| [illegible] | | | 16[illegible] | [illegible] |
| [illegible] | | | [illegible] | 14 |
| [illegible] | | | [illegible] | [illegible] |
| [illegible] | 118600 | | [illegible] | [illegible] |
| | 48[illegible] | | [illegible] | [illegible] |
| | 116[illegible] | | [illegible] | 16 |
| | 60520 | | 60520 | [illegible] |
| | 5[illegible] | | [illegible] | [illegible] |
| | 116[illegible] | [illegible] | 163[illegible] | 16 |
| | 11[illegible] | | 11[illegible] | [illegible] |
| | [illegible] | 40[illegible] | [illegible] | [illegible] |
| | 17[illegible] | | [illegible] | 16 |
| | 98[illegible] | | 98[illegible] | 03 |
| | 385[illegible] | 14[illegible] | 470050 | 16 |
| | 19180 | [illegible] | 136[illegible] | 16 |
| | [illegible] | | | |



SA 053428

| | | |
|---|---|---|
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] |
| 18450 | 18450 | 14 |
| 5700 | 5700 | 14 |
| 52500 | 52500 | [illegible] |
| [illegible] | | |

5881090
1600

[illegible] 1479

577 MADE IN U.S.A.

1 7 [illegible]
2 [illegible]
3 [illegible]
4 [illegible]
5 [illegible]
6 [illegible]
7 0276
8 1810
9 1902
10 2100
11 [illegible]
12 2240
13 [illegible]
14 2406
15 [illegible]
16 7121
17 7126
18 7125
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40

C W LSON JONES COMPANY G7214 GREEN 7214 BLUFF PAT APPL FOR

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 07/01/81
7B00I  OPTION ROUTE=LST                                                  0013
7B00I  SORT FIELDS=(15,2,A,19,4,A),FORMAT=BI,WORK=1,FILES=2              0014
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0015
7B00I  INPFIL BLKSIZE=4080                                               0016
7B00I  OUTFIL BLKSIZE=4080                                               0017
7B00I  END                                                               0018

7J03I SORT  COMPLETE, IN 2184, OUT 2184,
```

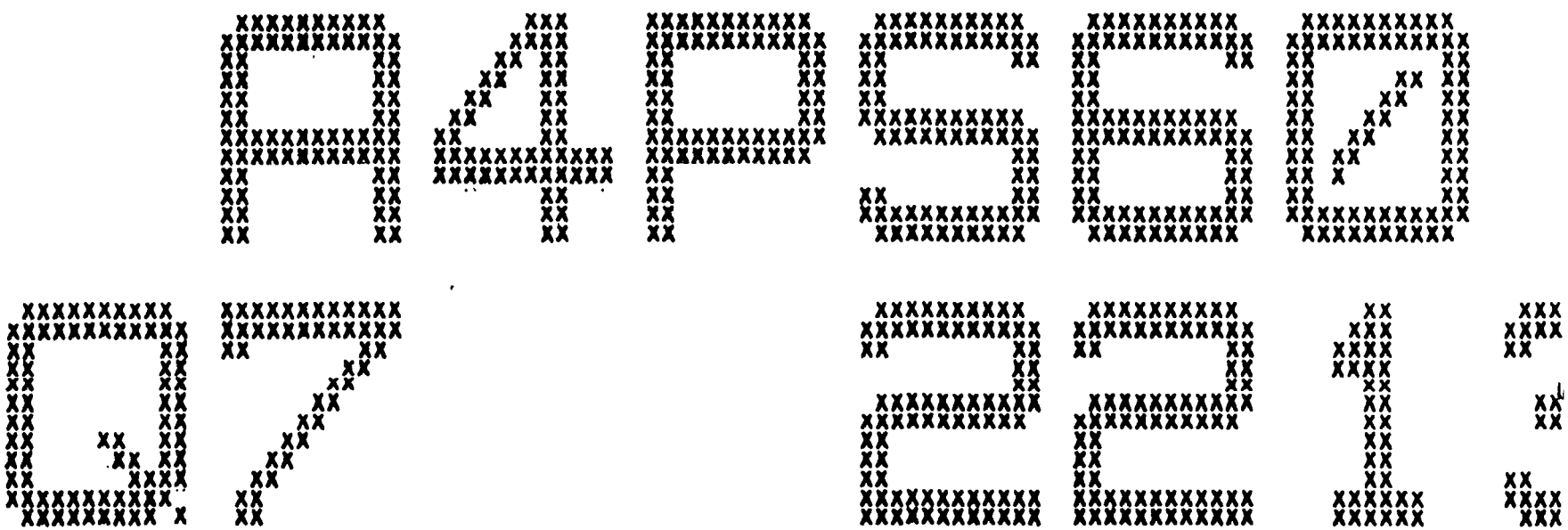
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 35.00 | 2241 | LAWYERS OFFSET | 15.2 | 14:7 | 105.50 | 58212 | 60520 | | 60520 | 103.96 |
| 8 | 33.00 | 2406 | SHAKESPEARE THIN | | | | | | | | |
| 8 | 35.00 | 2409 | SHAKESPEARE THIN | 131.7 | 123:9 | 102.63 | 504022 | 548020 | 11110 | 536910 | 106.52 |
| 8 | 40.00 | 2518 | IBM SUPERIOR OFFSET | 63.1 | 61:6 | 106.50 | 280448 | 301740 | 8530 | 293210 | 104.55 |
| 8 | 30.00 | 2916 | CELLUPAQUE | | | | | | 1180 | 1180 | |
| 8 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 41.3 | 35:8 | 92.45 | 113633 | 116100 | 3510 | 112590 | 99.08 |
| 8 | 40.00 | 3000 | SUPERIOR OFFSET | 3.7 | 3:4 | 100.25 | 13665 | 11220 | | 11220 | 82.10 |
| 8 | 45.00 | 3002 | SUPERIOR OFFSET | 9.3 | 9:8 | 105.57 | 44683 | 47910 | | 47910 | 107.22 |
| 8 | 50.00 | 3002 | SUPERIOR OFFSET | 4.1 | 3:6 | 95.79 | 17763 | 17390 | | 17390 | 97.90 |
| 8 | 80.00 | 3400 | END LEAF OFFSET - HI | 24.0 | 22:3 | 101.36 | 115966 | 98630 | | 98630 | 85.05 |
| 8 | 30.00 | 3850 | WHITE BOOKLITE | 76.7 | 73:4 | 104.40 | 349933 | 265740 | 810 | 264930 | 106.00 |
| 8 | 40.00 | 7000 | CALENDAR PAD OFFSET | 91.2 | 82:7 | 98.92 | 369335 | 386630 | | 385630 | 104.41 |
| 8 | 40.00 | 7100 | K WHITE OFFSET | 29.1 | 28:2 | 105.72 | 124965 | 142650 | | 142650 | 114.15 |
| 8 | 45.00 | 7102 | K WHITE OFFSET | 24.5 | 23:8 | 105.97 | 117872 | 127660 | | 127660 | 108.30 |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 66.5 | 49:8 | 81.70 | 269434 | 264150 | | 264150 | 98.03 |
| 8 | 60.00 | 7124 | BW K OFFSET - ANTIQU | 3.9 | 3:2 | 89.51 | 16320 | 18510 | | 18510 | 113.41 |
| 8 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 33.3 | 20:9 | 68.47 | 114200 | 89180 | 26070 | 63110 | 55.26 |
| | 38.22 | | MACH TOTAL 1.0909 | 849.7 | 774:9 | 99.49 | 3134392 | 3237540 | 58650 | 3178890 | 101.41 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 20.9 | 19:9 | 103.87 | 82956 | 78170 | | 78170 | 94.23 |
| 9 | 32.00 | 2222 | LAUREL TEXT R.S | 74.1 | 69:0 | 102.47 | 250305 | 271840 | 5090 | 266750 | 106.56 |
| 9 | 38.00 | 2226 | CAMELIA MATTE RS | 33.7 | 29:7 | 96.14 | 100216 | 108416 | 14670 | 93746 | 93.53 |
| 9 | 50.00 | 2260 | CAMELIA MATTE RS | 20.9 | 18:3 | 95.52 | 89679 | 89330 | 12150 | 77180 | 86.06 |
| 9 | 29.00 | 2266 | RAM KOTE R.S | 96.6 | 88:0 | 99.38 | 269292 | 294260 | 3490 | 290770 | 107.97 |
| 9 | 48.00 | 2553 | HWT - NON BLEED R.S | 84.0 | 25:8 | 82.78 | 122580 | 117420 | | 117420 | 95.79 |
| 9 | 60.00 | 2716 | TYPE IV E DT BLADE Q | 169.6 | 158:7 | 102.08 | 735644 | 727240 | 12200 | 715040 | 97.19 |
| 9 | 48.00 | 18268 | BW PRIDE OPAQUE | 3.0 | 2:7 | 98.18 | 11169 | 10130 | | 10130 | 90.69 |
| 9 | 58.00 | 19028 | TENNYSON OFFSET | 9.5 | 9:2 | 105.65 | 45448 | 41780 | | 41780 | 91.92 |
| 9 | 25.00 | 21008 | BRITISH OPAQUE | 24.9 | 22:6 | 99.01 | 55039 | 53340 | | 53340 | 96.91 |
| 9 | 30.00 | 21028 | BRITISH OPAQUE | | | | | | | | |
| 9 | 35.00 | 21048 | BRITISH OPAQUE | 11.4 | 10:8 | 95.69 | 40583 | 41650 | | 41650 | 102.62 |
| 9 | 30.00 | 22408 | LAWYERS WHITE OFFSET | 84.0 | 26:7 | 85.67 | 93342 | 93840 | | 93840 | 100.53 |
| 9 | 35.00 | 22418 | LAWYERS OFFSET | 77.7 | 67:2 | 94.35 | 258365 | 240810 | 6870 | 233940 | 90.54 |
| 9 | 33.00 | 24068 | SHAKESPEARE THIN | 25.6 | 20:4 | 86.93 | 79036 | 74100 | 9230 | 64870 | 82.07 |
| 9 | 38.00 | 25188 | A.P. LIGHTWEIGHT | 22.0 | 17:6 | 86.78 | 55326 | 47510 | | 47510 | 85.87 |
| 9 | 45.00 | 30028 | SUPERIOR OFFSET | 9.8 | 9:4 | 104.64 | 41645 | 49200 | | 49200 | 118.14 |
| 9 | 50.00 | 35028 | SCHOOL COTE | 64.7 | 62:8 | 105.38 | 284133 | 314720 | | 314720 | 110.76 |
| 9 | 40.00 | 70008 | CALENDAR PAD OFFSET | 82.4 | 18:8 | 87.66 | 80848 | 84420 | | 84420 | 104.41 |
| 9 | 40.00 | 71008 | K WHITE OFFSET | 35.4 | 30:9 | 92.45 | 122920 | 120290 | 3650 | 116640 | 94.89 |
| 9 | 50.00 | 71028 | K WHITE OFFSET | 4.0 | 3:7 | 100.91 | 16263 | 18000 | | 18000 | 110.68 |
| 9 | 45.00 | 71248 | BW K OFFSET - ANTIQU | 3.7 | 3:7 | 109.09 | 16084 | 18450 | | 18450 | 114.71 |
| 9 | 50.00 | 71268 | BW K OFFSET - ANTIQU | 1.4 | 1:0 | 77.92 | 5106 | 5700 | | 5700 | 111.63 |
| 9 | 55.00 | 71288 | BW K OFFSET - ANTIQU | 11.9 | 10:4 | 95.34 | 490800 | 525000 | | 525000 | 107.14 |
| 9 | 58.00 | 72028 | RAVENSWOOD OPAQUE | 10.0 | 8:8 | 96.00 | 45383 | 47760 | | 47760 | 105.37 |
| | 43.90 | | MACH TOTAL 1.0909 | 821.2 | 733:8 | 97.48 | 2950302 | 3000870 | 67350 | 2933520 | 99.43 |
| | | | MILL TOTAL | 4227.9 | 3987:8 | 97.74 | 13887701 | 13896630 | 263330 | 13632300 | 99.59 |
| 10 | | 2210 | IMPERIAL BIBLE EF NA | | | | | | | | |

June 1981

PROGRAM: A4PS3502 S C M A L L I E D P A P E R I N C. PAGE 1 June, 1981.
RUN DATE: 07/08/81 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 24.00 | 2210 | IMPERIAL BIBLE EF NA | | | | | | | | |
| 5 | 21.00 | 2220 | NATO TEXT BIBLE 80 | 555.0 | 501.4 | 98.56 | 1042877 | 1034560 | 19180 | 1015380 | 97.36 |
| 5 | 20.00 | 2540 | A P LIGHT WEIGHT | | | | | | 1250 | 1250 | |
| 5 | 21.50 | 6400 | CIGARETTE TIPPING - | 312.0 | 275.2 | 96.22 | 414530 | 373250 | 3810 | 369440 | 89.12 |
| | 21.13 | | MACH TOTAL 1.09091 | 867.0 | 776.6 | 97.72 | 1457407 | 1407810 | 24240 | 1383570 | 94.93 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 81.7 | 80.4 | 107.36 | 424156 | 467270 | 1800 | 465470 | 109.74 |
| 6 | 30.00 | 1100 | E. B. NEW SHADE | 164.9 | 153.7 | 101.68 | 874485 | 675430 | 25410 | 650020 | 96.37 |
| 6 | 30.00 | 2102 | BRITISH OPAQUE | 35.9 | 34.5 | 104.84 | 140427 | 149450 | | 149450 | 106.42 |
| 6 | 38.00 | 2503 | SOLITUDE OPAQUE | 16.0 | 14.1 | 96.14 | 58736 | 63340 | | 63340 | 107.83 |
| 6 | 35.00 | 2504 | SOLITUDE OPAQUE | 17.6 | 13.7 | 84.92 | 71024 | 63370 | | 63370 | 89.22 |
| 6 | 40.00 | 2515 | IBM SUPERIOR OFFSET | 135.9 | 113.7 | 91.27 | 663669 | 715590 | 2240 | 713350 | 107.48 |
| 6 | 50.00 | 3022 | BW SUPERIOR OFFSET - | | | | | | | | |
| 6 | 38.00 | 3040 | SPECIAL SUPERIOR BOO | 38.7 | 35.4 | 99.79 | 187842 | 200780 | 5580 | 195200 | 103.91 |
| 6 | 30.00 | 3890 | WHITE BOOKLITE | 44.1 | 37.9 | 93.75 | 169932 | 175230 | 9600 | 165630 | 97.46 |
| 6 | 35.00 | 3895 | WHITE BOOK LITE | 35.0 | 33.4 | 104.10 | 156945 | 164050 | | 164050 | 104.52 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 36.8 | 33.8 | 97.83 | 187151 | 182400 | 1660 | 180740 | 96.57 |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 21.2 | 20.9 | 107.55 | 131386 | 144160 | 1120 | 143040 | 108.87 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 46.1 | 35.4 | 83.77 | 247876 | 250640 | | 250640 | 101.11 |
| 6 | 65.00 | 7110 | K OFFSET ANT. | 31.7 | 26.5 | 91.20 | 188125 | 202820 | 1080 | 201740 | 107.23 |
| 6 | 50.00 | 7122 | BW K OFFSET - ANTIQU | | | | | | | | |
| 6 | 60.00 | 7124 | BW K OFFSET - ANTIQU | 8.6 | 6.7 | 84.99 | 48448 | 43020 | | 43020 | 88.79 |
| 6 | 70.00 | 7125 | BW K OFFSET - ANTIQU | 45.8 | 37.2 | 88.61 | 246857 | 252030 | | 252030 | 102.09 |
| 6 | 38.50 | 9002 | DUPONT PAPER (BUVE) | 80.0 | 78.1 | 106.50 | 298214 | 293280 | 3900 | 289380 | 97.03 |
| | 42.17 | | MACH TOTAL 1.09091 | 840.0 | 754.6 | 98.00 | 3895273 | 4042860 | 52390 | 3990470 | 102.44 |
| 7 | 38.00 | 209 | LAUREL TEXT - RS | 16.5 | 14.9 | 98.51 | 68348 | 67530 | | 67530 | 98.80 |
| 7 | 48.00 | 205 | LAUREL TEXT R.SS | | | | | | 1200 | 1200 | |
| 7 | 38.00 | 1206 | A. H. PRIDE | 8.0 | 7.0 | 95.45 | 31256 | 33480 | | 33480 | 107.11 |
| 7 | 33.00 | 1808 | PRIDE OPAQUE | 47.6 | 41.6 | 94.88 | 181526 | 191280 | | 191280 | 105.37 |
| 7 | 20.00 | 2000 | BRITE LITE THIN | 161.1 | 146.2 | 99.00 | 324945 | 318860 | 9350 | 301510 | 92.78 |
| 7 | 20.00 | 2011 | ZONDERLITE 84 | | | | | | | | |
| 7 | 21.00 | 2220 | NATO TEXT BIBLE 80 | 198.5 | 174.8 | 96.07 | 437110 | 405920 | 21820 | 384100 | 87.87 |
| 7 | 35.00 | 2251 | ALLIED SPECIAL BIBLE | 140.0 | 112.7 | 87.82 | 511469 | 469500 | 4810 | 464690 | 90.85 |
| 7 | 22.00 | 2298 | IMPERIAL BIBLE EXTRA | 8.7 | 7.2 | 90.28 | 17521 | 14180 | | 14180 | 80.93 |
| 7 | 24.00 | 2420 | SPEC. SHAKESPEARE TH | 6.8 | 6.2 | 99.47 | 15036 | 16780 | 2610 | 14170 | 94.24 |
| 7 | 28.00 | 2520 | A H DICTIONARY | | | | | | | | |
| 7 | 20.00 | 2540 | A P LIGHT WEIGHT | 150.6 | 140.0 | 101.85 | 330410 | 344770 | 11910 | 332860 | 100.74 |
| 7 | 25.00 | 2546 | A.P. LIGHTWEIGHT | 60.7 | 53.7 | 96.51 | 151374 | 172420 | 6740 | 165680 | 109.45 |
| 7 | 45.00 | 3502 | SCHOOL COTE | | | | | | | | |
| 7 | 50.00 | 3512 | IRWIN OPAQUE COTE | | | | | | | | |
| 7 | 30.00 | 3890 | WHITE BOOKLITE | 51.5 | 43.2 | 91.51 | 181332 | 179830 | 2260 | 177570 | 97.92 |
| | 26.50 | | MACH TOTAL 1.09091 | 850.0 | 747.9 | 98.99 | 2250387 | 2206550 | 60700 | 2145850 | 95.35 |
| 8 | 35.00 | 1805 | ALLIED PRIDE | 38.4 | 32.9 | 93.47 | 125118 | 118600 | | 118600 | 94.79 |
| 8 | 30.00 | 2102 | BRITISH OPAQUE | 11.0 | 9.8 | 94.21 | 30429 | 21540 | 1340 | 20200 | 66.38 |
| 8 | 28.00 | 2201 | IMPERIAL BIBLE | 150.5 | 146.6 | 106.19 | 455668 | 486070 | | 486070 | 106.67 |
| 8 | 30.00 | 2240 | LAWYERS WHITE OFFSET | 22.2 | 20.8 | 103.33 | 112726 | 116280 | 6100 | 110180 | 97.74 |



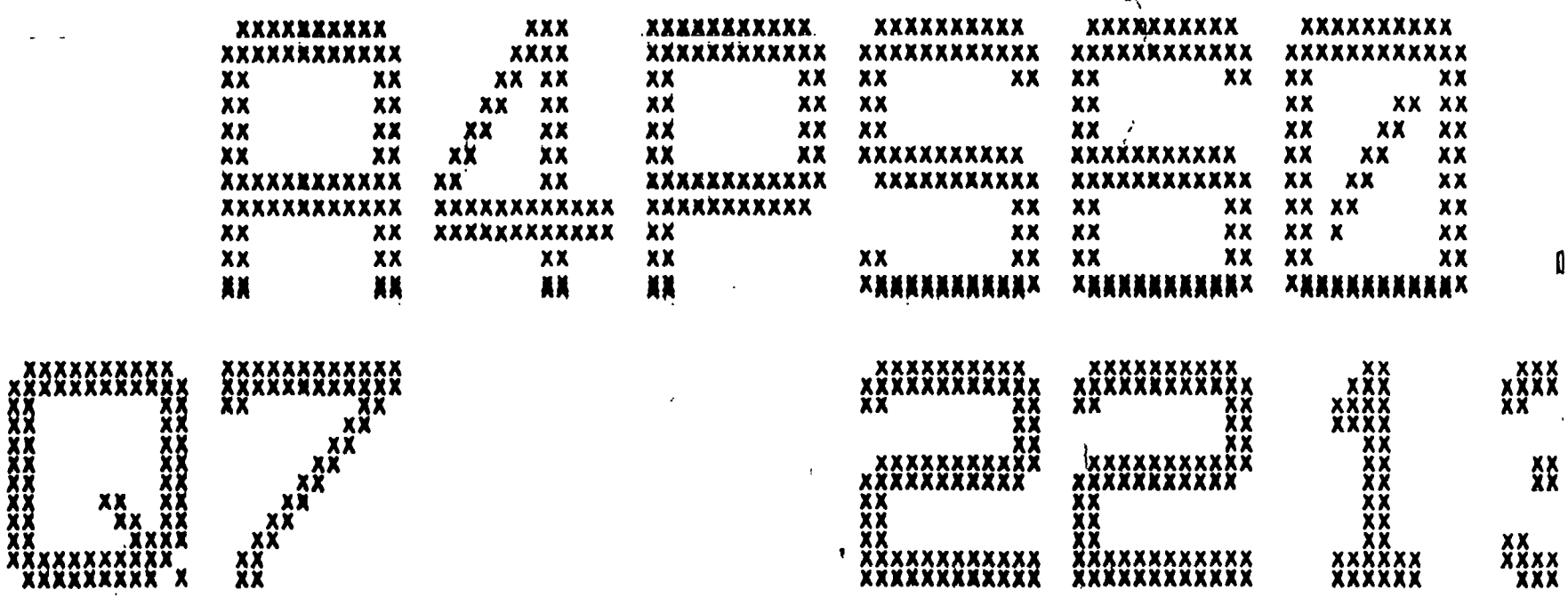

SA 853434

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 21.00 | 2229 | NATO TEXT BIBLE 80 | | | | | | | | |
| | | | MACH TOTAL 1.21628 | | | | | | | | |
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 177.2 | 169.7 | 105.67 | 651379 | 645110 | 8930 | 636180 | 97.66 |
| 15 | 78.00 | 588 | ELECTROSTATIC - AB D | 83.1 | 78.9 | 108.43 | 88984 | 87100 | | 87100 | 97.88 |
| 15 | 87.50 | 540 | MASTER BASE PAPER IV | | | | | | | | |
| | 78.00 | | MACH TOTAL 1.20345 | 200.3 | 192.4 | 105.99 | 740363 | 732210 | 8930 | 723280 | 97.69 |
| 17 | 50.00 | 803 | LAUREL TEXT | 10.5 | 9.3 | 97.73 | 76752 | 84030 | | 84030 | 109.48 |
| 17 | 60.00 | 805 | LAUREL TEXT | 10.6 | 9.8 | 93.69 | 103650 | 109670 | | 109670 | 105.80 |
| 17 | 48.00 | 812 | LAUREL TEXT | 75.1 | 57.5 | 84.49 | 437178 | 459840 | 2850 | 456990 | 104.53 |
| 17 | 40.00 | 822 | CAMELIA MATTE | 23.8 | 16.2 | 75.11 | 110222 | 121635 | | 121635 | 110.35 |
| 17 | 70.00 | 826 | CAMELIA MATTE | 10.4 | 8.7 | 92.31 | 101155 | 84330 | | 84330 | 83.36 |
| 17 | 38.00 | 844 | RAM KOTE | 32.0 | 25.9 | 86.21 | 148718 | 180680 | | 180680 | 121.49 |
| 17 | 55.00 | 858 | H W MASTER - NON BLE | 19.6 | 14.3 | 80.51 | 113922 | 121710 | | 121710 | 106.83 |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV D | 251.7 | 229.4 | 100.57 | 862297 | 761130 | 19700 | 741430 | 85.98 |
| | 62.89 | | MACH TOTAL 1.20345 | 433.7 | 369.4 | 93.99 | 1953894 | 1923025 | 22550 | 1900475 | 97.26 |

PRODUCTION

JUNE. 1981




SD 85X436

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 07/01/81
7B00I  OPTION ROUTE=LST                                                  0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,50,3,PD,A),WORK=1,FILES=1        0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7B00I  INPFIL BLKSIZE=4080                                               0013
7B00I  OUTFIL BLKSIZE=4080                                               0014
7B00I  END                                                               0015

7J03I SORT  COMPLETE, IN 925, OUT 925.
```

MACH SPEED EFFSCIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 2210 | IMPERIAL BIBLE EF NAT RUB | 600 | | 1 | |
| | | | | | 1 | |
| | 2223 | NATB TEXT BIBLE 80 | 620 | | 16 | |
| | | | 620 | 620 | 9 | 100.00 |
| | | | 620 | 660 | 5 | 106.45 |
| | | | 620 | 700 | 87 | 112.90 |
| | | | | | 97 | 92.74 |
| | 2540 | A P LIGHT WEIGHT | 620 | | 1 | |
| | | | | | 1 | |
| | 6400 | CIGARETTE TIPPING - CORK | 500 | | 2 | |
| | | | 500 | 500 | 19 | 100.00 |
| | | | 500 | 520 | 12 | 104.00 |
| | | | 500 | 530 | 7 | 106.00 |
| | | | 500 | 540 | 4 | 108.00 |
| | | | | | 44 | 98.22 |
| | | | | | | 93.13 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 500 | | 1 | |
| | | | 500 | 520 | 5 | 104.00 |
| | | | 500 | 530 | 7 | 106.00 |
| | | | | | 13 | 97.07 |
| | 1100 | E. B. NEW SHADE | 750 | | 5 | |
| | | | 750 | 800 | 23 | 106.66 |
| | | | | | 28 | 87.61 |
| | 2102 | BRITISH OPAQUE | 750 | | 1 | |
| | | | 750 | 780 | 5 | 104.00 |
| | | | | | 6 | 86.66 |
| | 2503 | SOLITUDE OPAQUE | 750 | 780 | 3 | 104.00 |
| | | | | | 3 | 104.00 |
| | 2504 | SOLITUDE OPAQUE | 750 | 800 | 5 | 106.66 |
| | | | | | 5 | 106.66 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | | 3 | |
| | | | 740 | 760 | 8 | 102.70 |
| | | | 740 | 770 | 14 | 104.05 |
| | | | 740 | 780 | 4 | 105.40 |
| | | | | | 29 | 93.10 |
| | 3022 | BW SUPERIOR OFFSET - ANTIQUE | 700 | | 1 | |
| | | | | | 1 | |
| | 3040 | SPECIAL SUPERIOR BOOK | 750 | | 1 | |
| | | | 750 | 600 | 1 | 80.00 |
| | | | 750 | 770 | 6 | 102.66 |
| | | | | | 8 | 86.99 |
| | 3830 | WHITE BOOKLITE | 750 | | 1 | |
| | | | 750 | 780 | 7 | 104.00 |
| | | | | | 8 | 91.00 |
| | 3835 | WHITE BOOK LITE | 750 | 770 | 5 | 102.66 |
| | | | | | 5 | 102.66 |
| | 7100 | K WHITE OFFSET | 740 | | 1 | |
| | | | 740 | 740 | 3 | 100.00 |
| | | | 740 | 760 | 2 | 102.70 |
| | | | 740 | 780 | 2 | 105.40 |
| | | | | | 8 | 89.52 |
| | 7101 | K WHITE OFFSET | 720 | | 1 | |
| | | | 720 | 740 | 3 | 102.77 |
| | | | 720 | 770 | 2 | 106.94 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 6 | 87.03 |
| 11 | 7102 | K WHITE OFFSET | 700 | 720 | 3 | 102.85 |
| | | | 700 | 730 | 3 | 104.28 |
| | | | 700 | 735 | 1 | 105.00 |
| | | | 700 | 780 | 1 | 111.42 |
| | | | | | 8 | 104.72 |
| | 7110 | K OFFSET ANT. | 570 | | 1 | |
| | | | 570 | 580 | 2 | 101.75 |
| | | | 570 | 600 | 4 | 105.26 |
| | | | | | 7 | 89.22 |
| | 7122 | BW K OFFSET - ANTIQUE | 700 | | 1 | |
| | | | | | 1 | |
| | 7124 | BW K OFFSET - ANTIQUE | 620 | 620 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 7125 | BW K OFFSET - ANTIQUE | 480 | 500 | 6 | 104.16 |
| | | | 480 | 770 | 1 | 160.41 |
| | | | | | 7 | 112.19 |
| | 9001 | DUPONT PAPER (BLUE) | 600 | | 1 | |
| | | | 600 | 625 | 10 | 104.16 |
| | | | | | 11 | 94.69 |
| | | | | | | 92.59 |

11

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 203 | LAUREL TEXT - RS | 700 | 700 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 205 | LAUREL TEXT R.S. | 620 | | 1 | |
| | | | | | 1 | |
| | 1205 | A. M. PRIDE | 740 | 730 | 1 | 98.64 |
| | | | | | 1 | 98.64 |
| | 1803 | PRIDE OPAQUE | 750 | 700 | 2 | 93.33 |
| | | | 750 | 750 | 6 | 100.00 |
| | | | | | 8 | 98.33 |
| | 2000 | BRITE LITE THIN | 670 | | 5 | |
| | | | 670 | 660 | 3 | 98.50 |
| | | | 670 | 670 | 13 | 100.00 |
| | | | 670 | 680 | 1 | 101.49 |
| | | | 670 | 690 | 7 | 102.98 |
| | | | | | 29 | 83.37 |
| | 2011 | ZONDERLITE 84 | 670 | | 1 | |
| | | | | | 1 | |
| | 2223 | NATO TEXT BIBLE 80 | 670 | | 11 | |
| | | | 670 | 630 | 3 | 94.02 |
| | | | 670 | 660 | 14 | 98.50 |
| | | | 670 | 670 | 10 | 100.00 |
| | | | | | 38 | 70.02 |
| | 2231 | ALLIED SPECIAL BIBLE | 740 | | 2 | |
| | | | 740 | 700 | 11 | 94.59 |
| | | | 740 | 710 | 4 | 95.94 |
| | | | 740 | 740 | 3 | 100.00 |
| | | | 740 | 770 | 2 | 104.05 |
| | | | | | 22 | 87.83 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 670 | 670 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2420 | SPEC. SHAKESPEARE THIN | 670 | | 2 | |
| | | | 670 | 750 | 1 | 111.94 |
| | | | | | 3 | 37.31 |
| | 2528 | A H DICTIONARY | 750 | | 1 | |
| | | | | | 1 | |
| | 2540 | A P LIGHT WEIGHT | 670 | | 4 | |
| | | | 670 | 660 | 9 | 98.50 |
| | | | 670 | 670 | 15 | 100.00 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 28 | 85.23 |
| 11 | 2546 | A.P$ LIGHTWEIGHT | 600 | | 3 | |
| | | | 710 | 670 | 2 | 94.36 |
| | | | 600 | 730 | 6 | 121.66 |
| | | | 600 | 750 | 2 | 125.00 |
| | | | | | 13 | 89.89 |
| | 3501 | SCHOOL COTE | 500 | | 1 | |
| | | | | | 1 | |
| | 3512 | IRWIN OPAQUE COTE | 500 | | 2 | |
| | | | | | 2 | |
| | 3830 | WHITE BOOKLITE | 750 | | 1 | |
| | | | 750 | 650 | 1 | 86.66 |
| | | | 750 | 750 | 4 | 100.00 |
| | | | 750 | 760 | 2 | 101.33 |
| | | | | | 8 | 86.16 |
| | | | | | | 79.21 |

11

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 1805 | ALLIED PRIDE | 730 | 780 | 9 | 106.84 |
| | | | | | 9 | 106.84 |
| | 2102 | BRITISH OPAQUE | 730 | | 1 | |
| | | | 730 | 775 | 2 | 106.16 |
| | | | | | 3 | 70.77 |
| | 2201 | IMPERIAL BIBLE | 730 | 775 | 1 | 106.16 |
| | | | 730 | 780 | 19 | 106.84 |
| | | | | | 20 | 106.80 |
| | 2240 | LAWYERS WHITE OFFSET | 730 | | 2 | |
| | | | 730 | 780 | 6 | 106.84 |
| | | | | | 8 | 80.13 |
| | 2241 | LAWYERS OFFSET | 730 | 780 | 3 | 106.84 |
| | | | | | 3 | 106.84 |
| | 2406 | SHAKESPEARE THIN | 730 | | 2 | |
| | | | | | 2 | |
| | 2407 | SHAKESPEARE THIN | 730 | | 3 | |
| | | | 730 | 740 | 1 | 101.36 |
| | | | 730 | 780 | 17 | 106.84 |
| | | | | | 21 | 91.31 |
| | 2513 | IBM SUPERIOR OFFSET | 720 | | 1 | |
| | | | 720 | 780 | 13 | 108.33 |
| | | | | | 14 | 100.59 |
| | 2516 | CELLUPAQUE | 730 | | 1 | |
| | | | | | 1 | |
| | 2543 | A.P& LIGHTWEIGHT | 730 | | 1 | |
| | | | 730 | 780 | 8 | 106.84 |
| | | | | | 9 | 94.96 |
| | 3000 | SUPERIOR OFFSET | 720 | 780 | 1 | 108.33 |
| | | | | | 1 | 108.33 |
| | 3001 | SUPERIOR OFFSET | 730 | 780 | 2 | 106.84 |
| | | | | | 2 | 106.84 |
| | 3002 | SUPERIOR OFFSET | 730 | 700 | 1 | 95.89 |
| | | | 730 | 775 | 1 | 106.16 |
| | | | | | 2 | 101.02 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 400 | | 1 | |
| | | | 400 | 400 | 7 | 100.00 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 8 | 87.50 |
| | 3830 | WHITE BOOKLITE | 730 | | 1 | |
| | | | 730 | 780 | 12 | 106.84 |
| | | | | | 13 | 98.62 |
| | 7000 | CALENDAR PAD OFFSET | 720 | 780 | 14 | 108.33 |
| | | | | | 14 | 108.33 |
| | 7100 | K WHITE OFFSET | 720 | 780 | 6 | 108.33 |
| | | | | | 6 | 108.33 |
| | 7101 | K WHITE OFFSET | 730 | 750 | 5 | 102.73 |
| | | | | | 5 | 102.73 |
| | 7102 | K WHITE OFFSET | 730 | | 1 | |
| | | | 730 | 700 | 5 | 95.89 |
| | | | 730 | 720 | 1 | 98.63 |
| | | | 730 | 730 | 2 | 100.00 |
| | | | 730 | 750 | 3 | 102.73 |
| | | | 730 | 780 | 2 | 106.84 |
| | | | | | 14 | 92.85 |
| | 7124 | BW K OFFSET - ANTIQUE | 590 | 650 | 1 | 110.16 |
| | | | | | 1 | 110.16 |
| | 7202 | RAVENSWOOD OPAQUE | 730 | | 3 | |
| | | | 730 | 700 | 4 | 95.89 |
| | | | 730 | 730 | 2 | 100.00 |
| | | | 730 | 750 | 3 | 102.73 |
| | | | 730 | 780 | 1 | 106.84 |
| | | | | | 13 | 76.81 |
| | | | | | | 94.95 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 720 | 760 | 4 | 105.55 |
| | | | | | 4 | 105.55 |
| | 212 | LAUREL TEXT R.S. | 720 | | 1 | |
| | | | 720 | 760 | 11 | 105.55 |
| | | | | | 12 | 96.75 |
| | 221 | CAMELIA MATTE RS | 720 | | 1 | |
| | | | 720 | 750 | 4 | 104.16 |
| | | | 720 | 770 | 3 | 106.94 |
| | | | | | 8 | 92.18 |
| | 226 | CAMELIA MATTE RS | 560 | | 1 | |
| | | | 560 | 520 | 1 | 92.85 |
| | | | 560 | 560 | 3 | 100.00 |
| | | | 560 | 780 | 1 | 139.28 |
| | | | | | 6 | 88.68 |
| | 246 | RAM KOTE R.S. | 700 | | 1 | |
| | | | 700 | 760 | 13 | 108.57 |
| | | | | | 14 | 100.81 |
| | 253 | HWT - NON BLEED R.S. | 600 | 630 | 8 | 105.00 |
| | | | | | 8 | 105.00 |
| | 276 | TYPE IV E DT BLADE BASE | 500 | | 4 | |
| | | | 500 | 500 | 32 | 100.00 |
| | | | | | 36 | 88.88 |
| | 1810 | BW PRIDE OPAQUE | 700 | 730 | 1 | 104.28 |
| | | | | | 1 | 104.28 |
| | 1902 | TENNYSON OFFSET | 700 | 660 | 2 | 94.28 |
| | | | | | 2 | 94.28 |
| | 2100 | BRITISH OPAQUE | 700 | 760 | 4 | 108.57 |
| | | | | | 4 | 108.57 |
| | 2102 | BRITISH OPAQUE | 720 | | 1 | |
| | | | | | 1 | |
| | 2104 | BRITISH OPAQUE | 720 | 720 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2240 | LAWYERS WHITE OFFSET | 720 | 770 | 6 | 106.94 |
| | | | | | 6 | 106.94 |
| | 2241 | LAWYERS OFFSET | 720 | | 3 | |
| | | | 720 | 760 | 1 | 105.55 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 720 | 770 | 11 | 106.94 |
| | | | | | 15 | 85.45 |
| | 2406 | SHAKESPEARE THIN | 720 | | 2 | |
| | | | 720 | 750 | 4 | 104.16 |
| | | | | | 6 | 69.44 |
| | 2543 | A.P. LIGHTWEIGHT | 720 | 760 | 4 | 105.55 |
| | | | | | 4 | 105.55 |
| | 3001 | SUPERIOR OFFSET | 670 | 760 | 3 | 113.43 |
| | | | | | 3 | 113.43 |
| | 3502 | SCHOOL COTE | 630 | 700 | 11 | 111.11 |
| | | | | | 11 | 111.11 |
| | 7000 | CALENDAR PAD OFFSET | 700 | 740 | 3 | 105.71 |
| | | | | | 3 | 105.71 |
| | 7100 | K WHITE OFFSET | 700 | | 2 | |
| | | | 700 | 740 | 5 | 105.71 |
| | | | 700 | 760 | 3 | 108.57 |
| | | | | | 10 | 85.42 |
| | 7102 | K WHITE OFFSET | 630 | 660 | 1 | 104.76 |
| | | | | | 1 | 104.76 |
| | 7121 | BW K OFFSET - ANTIQUE | 660 | 670 | 2 | 101.51 |
| | | | | | 2 | 101.51 |
| | 7122 | BW K OFFSET - ANTIQUE | 630 | 630 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 7123 | BW K OFFSET - ANTIQUE | 580 | 580 | 1 | 100.00 |
| | | | 580 | 630 | 1 | 108.62 |
| | | | | | 2 | 104.31 |
| | 7202 | RAVENSWOOD OPAQUE | 630 | 660 | 2 | 104.76 |
| | | | | | 2 | 104.76 |
| | | | | | | 94.83 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2210 | IMPERIAL BIBLE EF NAT PUB | 600 | | 2 | |
| | | | | | 2 | |
| | 2223 | NATO TEXT BIBLE 80 | 650 | | 7 | |
| | | | | | 7 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 510 | | 31 | |
| | | | | | 31 | |
| | 533 | ELECTROSTATIC - AB DICK | 510 | | 4 | |
| | | | | | 4 | |
| | 560 | MASTER BASE PAPER II C | 460 | | 1 | |
| | | | | | 1 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1250 | | 5 | |
| | | | | | 5 | |
| | 805 | LAUREL TEXT | 1250 | | 2 | |
| | | | | | 2 | |
| | 812 | LAUREL TEXT | 1300 | | 13 | |
| | | | | | 13 | |
| | 821 | CAMELIA MATTE | 1250 | | 5 | |
| | | | | | 5 | |
| | 826 | CAMELIA MATTE | 1270 | | 3 | |
| | | | | | 3 | |
| | 846 | RAM KOTE | 1300 | | 4 | |
| | | | | | 4 | |
| | 853 | H W MASTER - NON BLEED II | 1000 | | 6 | |
| | | | | | 6 | |
| | 876 | MASTERBASE TYPE IV DT | 320 | | 49 | |
| | | | | | 49 | |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 07/01/81
7800I  OPTION ROUTE=LST                                                    0010
7800I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1          0011
7800I  RECORD TYPE=F,LENGTH=(80,,80)                                       0012
7800I  INPFIL BLKSIZE=4080                                                 0013
7800I  OUTFIL BLKSIZE=4080                                                 0014
7800I  END                                                                 0015

7J03I SORT  COMPLETE, IN 925, OUT 925.
```

PROGRAM: A4PS3401 S C M A L L I E D R A P E R I N C. PAGE 1
RUN DATE: 07/01/81 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 2210 | IMPERIAL BIBLE EF NAT PUB | 96 | | 1 | |
| | | | | | 1 | |
| | 2223 | NATG TEXT BIBLE 80 | 102 | 116 | 55 | 113.72 |
| | | | 102 | 111 | 3 | 108.82 |
| | | | 102 | 105 | 20 | 102.94 |
| | | | 102 | 96 | 3 | 94.11 |
| | | | 102 | | 16 | |
| | | | | | 97 | 91.98 |
| | 2540 | A P LIGHT WEIGHT | 110 | | 1 | |
| | | | | | 1 | |
| | 6400 | CIGARETTE TIPPING - CORK | 114 | 110 | 3 | 96.49 |
| | | | 114 | 100 | 8 | 87.71 |
| | | | 114 | 98 | 31 | 85.96 |
| | | | 114 | | 2 | |
| | | | | | 44 | 83.08 |
| | | | | 110 | | 87.95 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 144 | 139 | 6 | 96.52 |
| | | | 144 | 133 | 6 | 92.36 |
| | | | 144 | | 1 | |
| | | | | | 13 | 87.17 |
| | 1100 | E. B. NEW SHADE | 138 | 138 | 23 | 100.00 |
| | | | 138 | | 5 | |
| | | | | | 28 | 82.14 |
| | 2102 | BRITISH OPAQUE | 138 | 128 | 5 | 92.75 |
| | | | 138 | | 1 | |
| | | | | | 6 | 77.29 |
| | 2503 | SOLITUDE OPAQUE | 140 | 131 | 3 | 93.57 |
| | | | | | 3 | 93.57 |
| | 2504 | SOLITUDE OPAQUE | 140 | 144 | 3 | 102.85 |
| | | | 140 | 140 | 1 | 100.00 |
| | | | 140 | 128 | 1 | 91.42 |
| | | | | | 5 | 99.99 |
| | 2513 | IBM SUPERIOR OFFSET | 140 | 148 | 2 | 105.71 |
| | | | 140 | 142 | 5 | 101.42 |
| | | | 140 | 140 | 14 | 100.00 |
| | | | 140 | 138 | 2 | 98.57 |
| | | | 140 | 136 | 1 | 97.14 |
| | | | 140 | 133 | 2 | 95.00 |
| | | | 140 | | 3 | |
| | | | | | 29 | 89.75 |
| | 3022 | BW SUPERIOR OFFSET - ANTIQUE | 142 | | 1 | |
| | | | | | 1 | |
| | 3040 | SPECIAL SUPERIOR BOOK | 148 | 132 | 7 | 89.18 |
| | | | 148 | | 1 | |
| | | | | | 8 | 78.03 |
| | 3830 | WHITE BOOKLITE | 138 | 141 | 7 | 102.17 |
| | | | 138 | | 1 | |
| | | | | | 8 | 89.39 |
| | 3835 | WHITE BOOK LITE | 138 | 127 | 5 | 92.02 |
| | | | | | 5 | 92.02 |
| | 7100 | K WHITE OFFSET | 142 | 146 | 2 | 102.81 |
| | | | 142 | 137 | 3 | 96.47 |
| | | | 142 | 120 | 2 | 84.50 |
| | | | 142 | | 1 | |
| | | | | | 8 | 83.00 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7101 | K WHITE OFFSET | 142 | 140 | 2 | 98.59 |
| | | | 142 | 137 | 3 | 96.47 |
| | | | 142 | | 1 | |
| | | | | | 6 | 81.09 |
| VU | 7102 | K WHITE OFFSET | 142 | 146 | 2 | 102.81 |
| | | | 142 | 140 | 6 | 98.59 |
| | | | | | 8 | 99.64 |
| | 7110 | K OFFSET ANT. | 142 | 136 | 6 | 95.77 |
| | | | 142 | | 1 | |
| | | | | | 7 | 82.08 |
| | 7122 | BW K OFFSET - ANTIQUE | 142 | | 1 | |
| | | | | | 1 | |
| | 7124 | BW K OFFSET - ANTIQUE | 142 | 138 | 2 | 97.18 |
| | | | | | 2 | 97.18 |
| | 7125 | BW K OFFSET - ANTIQUE | 142 | 140 | 7 | 98.59 |
| | | | | | 7 | 98.59 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 10 | 100.00 |
| | | | 148 | | 1 | |
| | | | | | 11 | 90.90 |
| | | | | 138 | | 86.45 |

VU

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 203 | LAUREL TEXT - RS | 126 | 122 | 3 | 96.82 |
| | | | | | 3 | 96.82 |
| | 205 | LAUREL TEXT R.S. | 126 | | 1 | |
| | | | | | 1 | |
| | 1205 | A. M. PRIDE | 138 | 122 | 1 | 88.40 |
| | | | | | 1 | 88.40 |
| | 1803 | PRIDE OPAQUE | 136 | 126 | 8 | 92.64 |
| | | | | | 8 | 92.64 |
| | 2000 | BRITE LITE THIN | 132 | 120 | 5 | 90.90 |
| | | | 132 | 118 | 19 | 89.39 |
| | | | 132 | | 5 | |
| | | | | | 29 | 74.23 |
| | 2011 | ZONDERLITE 84 | 105 | | 1 | |
| | | | | | 1 | |
| | 2223 | NATO TEXT BIBLE 80 | 132 | 128 | 17 | 96.96 |
| | | | 132 | 123 | 10 | 93.18 |
| | | | 132 | | 11 | |
| | | | | | 38 | 67.89 |
| | 2231 | ALLIED SPECIAL BIBLE | 136 | 124 | 20 | 91.17 |
| | | | 136 | | 2 | |
| | | | | | 22 | 82.88 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 132 | 117 | 2 | 88.63 |
| | | | | | 2 | 88.63 |
| | 2420 | SPEC. SHAKESPEARE THIN | 105 | 129 | 1 | 122.85 |
| | | | 105 | | 2 | |
| | | | | | 3 | 40.95 |
| | 2528 | A H DICTIONARY | 136 | | 1 | |
| | | | | | 1 | |
| | 2540 | A P LIGHT WEIGHT | 105 | 125 | 24 | 119.04 |
| | | | 105 | | 4 | |
| | | | | | 28 | 102.03 |
| | 2546 | A.P. LIGHTWEIGHT | 105 | 132 | 10 | 125.71 |
| | | | 105 | | 3 | |
| | | | | | 13 | 96.70 |
| | 3501 | SCHOOL COTE | 120 | | 1 | |
| | | | | | 1 | |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3512 | IRWIN OPAQUE COTE | 120 | | 2 | |
| | | | | | 2 | |
| | 3830 | WHITE BOOKLITE | 134 | 132 | 7 | 98.50 |
| | | | 134 | | 1 | |
| | | | | | 8 | 86.18 |
| | | | | 125 | | 79.37 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 1805 | ALLIED PRIDE | 105 | 110 | 3 | 104.76 |
| | | | 105 | 107 | 1 | 101.90 |
| | | | 105 | 105 | 4 | 100.00 |
| | | | 105 | 98 | 1 | 93.33 |
| | | | | | 9 | 101.05 |
| | 2102 | BRITISH OPAQUE | 110 | 104 | 2 | 94.54 |
| | | | 110 | | 1 | |
| | | | | | 3 | 63.02 |
| | 2201 | IMPERIAL BIBLE | 110 | 108 | 20 | 98.18 |
| | | | | | 20 | 98.18 |
| | 2240 | LAWYERS WHITE OFFSET | 116 | 120 | 6 | 103.44 |
| | | | 116 | | 2 | |
| | | | | | 8 | 77.58 |
| | 2241 | LAWYERS OFFSET | 110 | 110 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 2406 | SHAKESPEARE THIN | 110 | | 2 | |
| | | | | | 2 | |
| | 2407 | SHAKESPEARE THIN | 110 | 113 | 18 | 102.72 |
| | | | 110 | | 3 | |
| | | | | | 21 | 88.04 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 124 | 1 | 112.72 |
| | | | 110 | 121 | 5 | 110.00 |
| | | | 110 | 105 | 7 | 95.45 |
| | | | 110 | | 1 | |
| | | | | | 14 | 95.06 |
| | 2516 | CELLUPAQUE | 114 | | 1 | |
| | | | | | 1 | |
| | 2543 | A.P.S LIGHTWEIGHT | 112 | 115 | 2 | 102.67 |
| | | | 112 | 104 | 6 | 92.85 |
| | | | 112 | | 1 | |
| | | | | | 9 | 84.71 |
| | 3000 | SUPERIOR OFFSET | 110 | 99 | 1 | 90.00 |
| | | | | | 1 | 90.00 |
| | 3001 | SUPERIOR OFFSET | 110 | 107 | 2 | 97.27 |
| | | | | | 2 | 97.27 |
| | 3002 | SUPERIOR OFFSET | 110 | 96 | 2 | 87.27 |
| | | | | | 2 | 87.27 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 123 | 1 | 102.50 |
| | | | 120 | 121 | 2 | 100.83 |
| | | | 120 | 114 | 1 | 95.00 |
| | | | 120 | 108 | 3 | 90.00 |
| | | | 120 | | 1 | |
| | | | | | 8 | 83.64 |
| | 3830 | WHITE BOOKLITE | 110 | 114 | 4 | 103.63 |
| | | | 110 | 113 | 6 | 102.72 |
| | | | 110 | 99 | 2 | 90.00 |
| | | | 110 | | 1 | |
| | | | | | 13 | 93.14 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 110 | 14 | 100.00 |
| | | | | | 14 | 100.00 |
| | 7100 | K WHITE OFFSET | 110 | 120 | 2 | 109.09 |
| | | | 110 | 105 | 4 | 95.45 |
| | | | | | 6 | 99.99 |
| | 7101 | K WHITE OFFSET | 110 | 110 | 2 | 100.00 |
| | | | 110 | 106 | 3 | 96.36 |
| | | | | | 5 | 97.81 |
| | 7102 | K WHITE OFFSET | 110 | 112 | 2 | 101.81 |
| | | | 110 | 105 | 9 | 95.45 |
| | | | 110 | 95 | 2 | 86.36 |
| | | | 110 | | 1 | |
| | | | | | 14 | 88.24 |
| | 7124 | BW K OFFSET - ANTIQUE | 110 | 102 | 1 | 92.72 |
| | | | | | 1 | 92.72 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 110 | 5 | 100.00 |
| | | | 110 | 104 | 3 | 94.54 |
| | | | 110 | 103 | 1 | 93.63 |
| | | | 110 | 99 | 1 | 90.00 |
| | | | 110 | | 3 | |
| | | | | | 13 | 74.40 |
| | | | | 110 | | 89.04 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 108 | 4 | 103.84 |
| | | | | | 4 | 103.84 |
| | 212 | LAUREL TEXT R.S. | 104 | 111 | 11 | 106.73 |
| | | | 104 | | 1 | |
| | | | | | 12 | 97.83 |
| | 221 | CAMELIA MATTE RS | 104 | 111 | 7 | 106.73 |
| | | | 104 | | 1 | |
| | | | | | 8 | 93.38 |
| | 226 | CAMELIA MATTE RS | 104 | 107 | 5 | 102.88 |
| | | | 104 | | 1 | |
| | | | | | 6 | 85.73 |
| | 246 | RAM KOTE R.S. | 104 | 107 | 13 | 102.88 |
| | | | 104 | | 1 | |
| | | | | | 14 | 95.53 |
| | 253 | HWT - NON BLEED R.S. | 104 | 118 | 3 | 113.46 |
| | | | 104 | 117 | 3 | 112.50 |
| | | | 104 | 116 | 2 | 111.53 |
| | | | | | 8 | 112.61 |
| | 276 | TYPE IV E DT BLADE BASE | 124 | 117 | 5 | 94.35 |
| | | | 124 | 114 | 2 | 91.93 |
| | | | 124 | 109 | 25 | 87.90 |
| | | | 124 | | 4 | |
| | | | | | 36 | 79.25 |
| | 1810 | BW PRIDE OPAQUE | 110 | 105 | 1 | 95.45 |
| | | | | | 1 | 95.45 |
| | 1902 | TENNYSON OFFSET | 138 | 100 | 2 | 72.46 |
| | | | | | 2 | 72.46 |
| | 2100 | BRITISH OPAQUE | 105 | 99 | 4 | 94.28 |
| | | | | | 4 | 94.28 |
| | 2102 | BRITISH OPAQUE | 110 | | 1 | |
| | | | | | 1 | |
| | 2104 | BRITISH OPAQUE | 110 | 114 | 2 | 103.63 |
| | | | | | 2 | 103.63 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 115 | 6 | 104.54 |
| | | | | | 6 | 104.54 |
| | 2241 | LAWYERS OFFSET | 110 | 108 | 12 | 98.18 |

SD 053458

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 110 | | 3 | |
| | | | | | 15 | 78.54 |
| | 2406 | SHAKESPEARE THIN | 110 | 116 | 4 | 105.45 |
| | | | 110 | | 2 | |
| | | | | | 6 | 70.30 |
| | 2543 | A.P& LIGHTWEIGHT | 112 | 104 | 4 | 92.85 |
| | | | | | 4 | 92.85 |
| | 3001 | SUPERIOR OFFSET | 110 | 104 | 3 | 94.54 |
| | | | | | 3 | 94.54 |
| | 3502 | SCHOOL COTE | 105 | 107 | 2 | 101.90 |
| | | | 105 | 102 | 9 | 97.14 |
| | | | | | 11 | 98.00 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 3 | 103.63 |
| | | | | | 3 | 103.63 |
| | 7100 | K WHITE OFFSET | 110 | 119 | 1 | 108.18 |
| | | | 110 | 116 | 2 | 105.45 |
| | | | 110 | 105 | 2 | 95.45 |
| | | | 110 | 101 | 1 | 91.81 |
| | | | 110 | 96 | 2 | 87.27 |
| | | | 110 | | 2 | |
| | | | | | 10 | 77.63 |
| | 7102 | K WHITE OFFSET | 110 | 99 | 1 | 90.00 |
| | | | | | 1 | 90.00 |
| | 7121 | BW K OFFSET - ANTIQUE | 110 | 104 | 2 | 94.54 |
| | | | | | 2 | 94.54 |
| | 7122 | BW K OFFSET - ANTIQUE | 110 | 115 | 1 | 104.54 |
| | | | | | 1 | 104.54 |
| | 7123 | BW K OFFSET - ANTIQUE | 110 | 115 | 1 | 104.54 |
| | | | 110 | 94 | 1 | 85.45 |
| | | | | | 2 | 94.99 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 116 | 2 | 105.45 |
| | | | | | 2 | 105.45 |
| | | | | 109 | | 89.01 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2210 | IMPERIAL BIBLE EF NAT RUB | 96 | | 2 | |
| | | | | | 2 | |
| | 2223 | NATG TEXT BIBLE 80 | 106 | | 7 | |
| | | | | | 7 | |

SD 853469

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 72 | 70 | 14 | 97.22 |
| | | | 72 | 67 | 11 | 93.05 |
| | | | 72 | | 6 | |
| | | | | | 31 | 76.92 |
| | 533 | ELECTROSTATIC - AB DICK | 72 | 70 | 4 | 97.22 |
| | | | | | 4 | 97.22 |
| | 560 | MASTER BASE PAPER II C | 72 | | 1 | |
| | | | | | 1 | |
| | | | | 69 | | 77.04 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 105 | 3 | 102.94 |
| | | | 102 | | 2 | |
| | | | | | 5 | 61.76 |
| | 805 | LAUREL TEXT | 102 | 122 | 2 | 119.60 |
| | | | | | 2 | 119.60 |
| | 812 | LAUREL TEXT | 102 | 108 | 12 | 105.88 |
| | | | 102 | | 1 | |
| | | | | | 13 | 97.73 |
| | 821 | CAMELIA MATTE | 102 | 108 | 5 | 105.88 |
| | | | | | 5 | 105.88 |
| | 826 | CAMELIA MATTE | 102 | 104 | 3 | 101.96 |
| | | | | | 3 | 101.96 |
| | 846 | RAM KOTE | 102 | 104 | 4 | 101.96 |
| | | | | | 4 | 101.96 |
| | 853 | H W MASTER - NON BLEED II | 102 | 118 | 2 | 115.68 |
| | | | 102 | 115 | 1 | 112.74 |
| | | | 102 | 114 | 3 | 111.76 |
| | | | | | 6 | 113.23 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 114 | 4 | 111.76 |
| | | | 102 | 111 | 2 | 108.82 |
| | | | 102 | 106 | 31 | 103.92 |
| | | | 102 | | 12 | |
| | | | | | 49 | 79.31 |
| | | | | 108 | | 87.66 |

MAY 1981.

| | | | | | |
|---|---|---|---|---|---|
| | | [illegible]05 | [illegible] | TOTAL | |
| 1 | 2221 | 248740 | | 248740 | 15 |
| 2 | 2222 | 100320 | | 100320 | 16 |
| 3 | 2224 | 5420 | | 5420 | 16 |
| 4 | 2513 | 12660 | | 12660 | 14 |
| 5 | 2540 | 153470 | | 153470 | 14 |
| 6 | 6400 | 387780 | | 387780 | 07 |
| 7 | 0142 | [illegible] | [illegible] | 259460 | 10 |
| 8 | 1100 | | 110[illegible] | 110740 | 16 |
| 9 | 1800 | | [illegible] | [illegible] | 16 |
| 10 | 1803 | | [illegible] | 6450 | 16 |
| 11 | 2102 | | 162[illegible] | 162[illegible] | 16 |
| 12 | 2300 | | [illegible] | [illegible] | 16 |
| 13 | 2504 | | [illegible] | [illegible] | 16 |
| 14 | 2522 | | 181[illegible] | 181820 | 16 |
| 15 | 2953 | | [illegible] | 496560 | 16 |
| 16 | 3830 | | 13[illegible] | 37170 | 16 |
| 17 | 3833 | | [illegible] | 23160 | 16 |
| 18 | 3835 | | 308[illegible] | 308670 | 16 |
| 19 | 7100 | | [illegible] | 23990 | 16 |
| 20 | 7101 | | 53600 | 53600 | 16 |
| 21 | 7102 | | 52[illegible] | 152[illegible]40 | 16 |
| 22 | 7105 | | 15[illegible] | 15040 | 16 |
| 23 | 7205 | | [illegible] | [illegible] | 16 |
| 24 | 9205 | | [illegible] | | |
| 25 | 2000 | | | | |
| 26 | 2011 | | | | |
| 27 | 2100 | | | | |
| 28 | 2202 | | | | |
| 29 | 2217 | | | | |
| 30 | 2400 | | | | |
| 31 | 2420 | | | | |
| 32 | 1000 | | | | |
| 33 | 1503 | | | | |
| 34 | 1805 | | | | |
| 35 | 1810 | | | | |
| 36 | 2030 | | | | |
| 37 | 2405 | | | | |
| 38 | 2407 | | | | |
| 39 | 2503 | | | | |
| 40 | 2514 | | | | |
| | | | | 39[illegible]700 | 455 |

© WILSON JONES COMPANY G7214 GREEN 7214 BUFF PAT APPL FOR

| | | | | |
|---|---|---|---|---|
| 17860 | | | 17860 | 15 |
| 121900 | | | 121900 | 16 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | 0050 | 30050 | 16 |
| | | | | |
| | 311660 | | 311660 | 16 |
| | | | | |
| | | | | |
| | | | | |
| | | -240 | 40240 | 16 |
| | | | | |
| 59760 | | | 59760 | 16 |
| | 160420 | | 160420 | 16 |
| 19200 | 186550 | | 205750 | 16 |
| | 112450 | | 112450 | 16 |
| | | | | |
| | | | | |
| 174780 | | | 174780 | 16 |
| 226390 | | | 226390 | 15 |
| 218750 | | | 218750 | 16 |
| 284210 | | | 284210 | 16 |
| 43030 | | | 43030 | 16 |
| 268610 | | | 268610 | 16 |
| 80450 | | | 80450 | 16 |
| 58890 | | | 58890 | 16 |
| 1573830 | 134550 | | 134550 | 16 |
| | 170640 | | 170640 | 16 |
| | 45450 | 1[illegible]100 | 155580 | 16 |
| | 27250 | 1[illegible]70 | 39220 | 16 |
| | 15290 | | 15290 | 16 |
| | 159270 | | 159270 | 16 |
| | 44370 | | 44370 | 16 |
| | 93660 | 32530 | 126190 | 16 |
| | 114580 | [illegible] | 157850 | 16 |

577 MADE IN U.S.A.

1 2516
2 2542
3 3001
4 6042
5 3400
6 7000
7 7124
8 0203
9 0242
10 0276
11 2236
12 2240
13 2534
14 3501
15 3502
16 7202
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40

| | | | |
|---|---|---|---|
| [illegible] | 86460 | [illegible] | [illegible] |
| [illegible]490 | | [illegible]490 | 16 |
| 48[illegible] | | 48[illegible] | 16 |
| 286540 | | 286540 | 16 |
| 175[illegible] | | 175[illegible] | 03 |
| [illegible]180 | | [illegible]180 | 16 |
| 107240 | | 107240 | 16 |
| 2747160 | 28130 | 28130 | 16 |
| | 213850 | 213850 | 14 |
| | [illegible]4130 | [illegible] | 08 |
| | 47[illegible] | 47[illegible] | 16 |
| | [illegible] | [illegible] | 16 |
| | 88650 | 88650 | 16 |
| | 340690 | 340[illegible] | 18 |
| | 47500 | 47590 | 18 |
| | 15890 | 15890 | 16 |
| | [illegible]8080 | | |

4 662 500 16

6640570 1451



SD 053466

PROGRAM: A4PS3502 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 05/27/81 DAILY PRODUCTION SYSTEM

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1981

| CH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 25.00 | 1401 | BRITISH OPAQUE - SER | | | | | | 1140 | 1140 | |
| 5 | 20.00 | 1405 | M H SPECIAL LIGHT WE | | | | | | | | |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 145.4 | 134.7 | 101.06 | 257001 | 248740 | | 248740 | 96.78 |
| 5 | 21.00 | 2225 | NATO TEXT BIBLE 80 | 100.7 | 96.1 | 104.11 | 184424 | 190320 | 6980 | 183340 | 99.41 |
| 5 | 24.00 | 2224 | NATO TEXT 80 | 3.8 | 3.6 | 103.35 | 7490 | 5420 | | 5420 | 72.36 |
| 5 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 4.5 | 4.5 | 109.09 | 14637 | 12660 | | 12660 | 86.49 |
| 5 | 20.00 | 2540 | A P LIGHT WEIGHT | 87.3 | 80.5 | 100.59 | 151946 | 153470 | 2490 | 150980 | 99.36 |
| 5 | 21.50 | 6400 | CIGARETTE TIPPING - | 302.0 | 278.2 | 100.49 | 4296679 | 387780 | 4190 | 383590 | 89.27 |
| | 21.05 | | MACH TOTAL 1.09091 | 643.7 | 597.6 | 101.28 | 1045177 | 998390 | 14800 | 983590 | 94.10 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 47.3 | 45.2 | 104.25 | 243046 | 259460 | | 259460 | 106.75 |
| 6 | 30.00 | 1100 | E. B. NEW SHADE | 28.0 | 25.0 | 97.40 | 109708 | 110740 | 15600 | 95140 | 86.72 |
| 6 | 38.00 | 1500 | SPEC. JACKSON OFFSET | | | | | | | | |
| 6 | 30.00 | 1800 | PRIDE OPAQUE | 94.8 | 79.7 | 91.71 | 331441 | 290690 | 5630 | 285060 | 86.00 |
| 6 | 33.00 | 1805 | PRIDE OPAQUE | 2.7 | 2.5 | 101.01 | 8787 | 6450 | | 6450 | 73.40 |
| 6 | 30.00 | 2102 | BRITISH OPAQUE | 42.2 | 38.6 | 99.78 | 157113 | 162970 | 2680 | 160290 | 102.02 |
| 6 | 30.00 | 2300 | MERRIAM DICTIONARY | 105.9 | 94.8 | 97.66 | 370793 | 379530 | 20530 | 359000 | 96.81 |
| 6 | 35.00 | 2504 | SOLITUDE OPAQUE | 46.9 | 44.6 | 103.74 | 217103 | 217370 | | 217370 | 100.12 |
| 6 | 40.00 | 2513 | IBM SUPERIOR OFFSET | | | | | | | | |
| 6 | 35.00 | 2522 | SPECIAL SOLITUDE OPA | 37.2 | 34.0 | 99.71 | 158505 | 181820 | 2340 | 179480 | 113.23 |
| 6 | 55.00 | 2955 | C.W. DICKENS OFFSET | 70.7 | 67.5 | 104.15 | 487887 | 496560 | 19980 | 476580 | 97.68 |
| 6 | 30.00 | 3830 | WHITE BOOKLITE | 35.5 | 30.5 | 93.73 | 131904 | 137170 | 1960 | 135210 | 102.50 |
| 6 | 33.00 | 3833 | WHITE BOOK LITE | 5.7 | 4.9 | 93.78 | 21826 | 23160 | | 23160 | 106.11 |
| 6 | 35.00 | 3836 | WHITE BOOK LITE | 68.3 | 62.9 | 100.47 | 295562 | 308670 | | 308670 | 104.43 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 4.5 | 4.3 | 104.24 | 25163 | 23990 | | 23990 | 95.33 |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 10.7 | 9.9 | 100.93 | 58234 | 53600 | | 53600 | 92.04 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 21.4 | 20.2 | 102.97 | 143787 | 152940 | 1390 | 151550 | 105.45 |
| 6 | 70.00 | 7105 | K WHITE OFFSET | 3.1 | 2.4 | 84.46 | 14902 | 15040 | 2360 | 12680 | 85.08 |
| 6 | 55.00 | 7203 | BW K OFFSET - ANTIQU | | | | | | | | |
| 6 | 55.00 | 7203 | RAVENSWOOD OPAQUE | 7.6 | 7.6 | 109.09 | 55686 | 50150 | 4590 | 45560 | 81.81 |
| | 39.92 | | MACH TOTAL 1.09091 | 632.5 | 574.6 | 99.10 | 2831367 | 2870310 | 77060 | 2793250 | 98.65 |
| 7 | 48.00 | 205 | LAUREL TEXT R.S. | 37.3 | 33.4 | 97.68 | 175350 | 174780 | | 174780 | 99.67 |
| 7 | 20.00 | 2000 | BRITE LITE THIN | 102.7 | 97.1 | 103.14 | 202622 | 226390 | 11870 | 214520 | 105.87 |
| 7 | 20.00 | 2007 | BRITE LITE PLUS | | | | | | | | |
| 7 | 25.00 | 2011 | ZONDERLITE 84 | 93.3 | 85.8 | 100.32 | 202126 | 218750 | 4660 | 214090 | 105.91 |
| 7 | 25.00 | 2100 | BRITISH OPAQUE | 107.0 | 89.7 | 91.45 | 286825 | 284210 | 1210 | 283000 | 98.66 |
| 7 | 30.00 | 2202 | IMPERIAL BIBLE | 12.5 | 11.0 | 96.00 | 44074 | 43030 | | 43030 | 97.63 |
| 7 | 21.00 | 2217 | EXTRA WHITE IMPERIAL | 114.1 | 100.4 | 95.99 | 248100 | 268610 | 2300 | 266310 | 107.33 |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 12.0 | 9.5 | 86.36 | 19646 | 17860 | | 17860 | 90.90 |
| 7 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 54.3 | 48.9 | 98.24 | 123929 | 121900 | 2450 | 119450 | 96.38 |
| 7 | 20.00 | 2400 | SHAKESPEARE THIN | 38.4 | 35.5 | 100.85 | 76749 | 80450 | 890 | 79560 | 103.66 |
| 7 | 28.00 | 2420 | SPEC. SHAKESPEARE TH | 29.5 | 21.4 | 79.14 | 51897 | 58890 | | 58890 | 113.47 |
| 7 | 30.00 | 3830 | WHITE BOOKLITE | | | | | | | | |
| 7 | 35.00 | 3835 | WHITE BOOK LITE | 19.5 | 14.8 | 82.80 | 68791 | 59760 | 2570 | 57190 | 83.13 |
| 7 | 45.00 | 7101 | K WHITE OFFSET | 4.1 | 3.7 | 98.45 | 18352 | 19200 | | 19200 | 104.62 |
| | 25.41 | | MACH TOTAL 1.09091 | 624.7 | 551.2 | 96.26 | 1518461 | 1573830 | 25950 | 1547880 | 101.93 |

85467

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

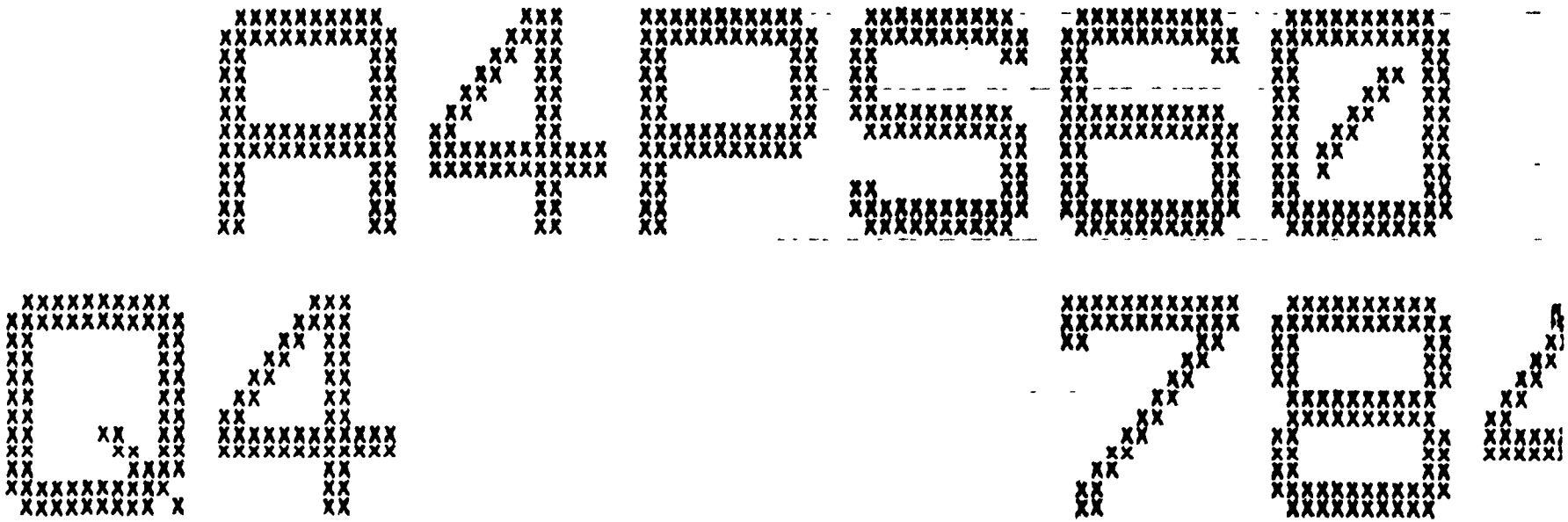
| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 45.00 | 1000 | Q.P. OFFSET | 22.7 | 22.2 | 106.69 | 115895 | 134550 | | 134550 | 116.09 |
| 8 | 30.00 | 1203 | A.M. PRIDE | | | | | | | | |
| 8 | 40.00 | 1503 | J OFFSET | 41.5 | 33.0 | 86.75 | 148045 | 170640 | | 170640 | 115.26 |
| 8 | 35.00 | 1805 | ALLIED PRIDE | 10.4 | 10.4 | 109.09 | 40060 | 45450 | | 45450 | 113.45 |
| 8 | 40.00 | 1810 | BW PRIDE OPAQUE | 7.7 | 7.1 | 100.59 | 34879 | 27250 | | 27250 | 78.12 |
| 8 | 30.00 | 2030 | BRITE LITE THIN | 4.8 | 4.1 | 93.18 | 13557 | 15290 | 2880 | 12410 | 91.53 |
| 8 | 30.00 | 2300 | MERRIAM DICTIONARY | 103.4 | 90.9 | 95.90 | 310761 | 311660 | 11410 | 300250 | 96.61 |
| 8 | 30.00 | 2405 | SHAKESPEARE THIN | 45.0 | 43.9 | 106.42 | 147576 | 159270 | 1190 | 158080 | 107.11 |
| 8 | 35.00 | 2407 | SHAKESPEARE THIN | 11.6 | 10.3 | 96.87 | 38421 | 44370 | | 44370 | 115.48 |
| 8 | 30.00 | 2503 | SOLITUDE OPAQUE | 36.3 | 29.6 | 88.96 | 96290 | 93660 | 8100 | 85560 | 88.85 |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 31.5 | 29.7 | 102.86 | 111495 | 114280 | | 114280 | 102.49 |
| 8 | 30.00 | 2516 | CELLUPAQUE | 70.4 | 66.4 | 102.89 | 234519 | 242950 | | 242950 | 103.59 |
| 8 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 1.5 | 1.5 | 109.09 | 5313 | 6480 | | 6480 | 121.96 |
| 8 | 45.00 | 3001 | SUPERIOR OFFSET | 8.8 | 8.8 | 109.09 | 43690 | 48960 | | 48960 | 112.06 |
| 8 | 50.00 | 3042 | BW RD OFFSET ANT. | 50.3 | 49.8 | 108.01 | 243547 | 286540 | 3260 | 283280 | 116.31 |
| 8 | 80.00 | 3400 | END LEAF OFFSET - HI | 42.2 | 37.3 | 96.42 | 187453 | 175970 | | 175970 | 93.87 |
| 8 | 40.00 | 7000 | CALENDAR PAD OFFSET | 57.9 | 57.3 | 107.96 | 265201 | 303180 | 1510 | 301670 | 113.75 |
| 8 | 40.00 | 7100 | K WHITE OFFSET | 31.3 | 30.7 | 107.00 | 140844 | 160420 | | 160420 | 113.89 |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 36.0 | 35.0 | 106.06 | 179266 | 186580 | | 186550 | 106.43 |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 19.6 | 18.0 | 100.19 | 100757 | 112450 | | 112450 | 111.60 |
| 8 | 60.00 | 7124 | BW K OFFSET - ANTIQU | 20.1 | 19.1 | 103.66 | 97410 | 107240 | | 107240 | 110.09 |
| | 42.08 | | MACH TOTAL 1.09091 | 653.0 | 605.1 | 101.09 | 2550979 | 2747160 | 28350 | 2718810 | 106.57 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 9.2 | 8.2 | 97.23 | 35133 | 28130 | | 28130 | 80.06 |
| 9 | 32.00 | 212 | LAUREL TEXT R.S. | 69.0 | 62.5 | 98.81 | 224771 | 213850 | | 213850 | 95.14 |
| 9 | 60.00 | 276 | TYPE IV E DT BLADE B | 232.4 | 221.3 | 103.88 | 1017919 | 964130 | 11440 | 952690 | 93.59 |
| 9 | 40.00 | 1503 | J OFFSET | | | | | | | | |
| 9 | 33.00 | 1803 | PRIDE OPAQUE | 9.1 | 8.6 | 103.10 | 30160 | 30050 | | 30050 | 99.63 |
| 9 | 35.00 | 1805 | ALLIED PRIDE | 31.9 | 29.5 | 100.88 | 109219 | 110130 | 2650 | 107480 | 98.40 |
| 9 | 40.00 | 1810 | BW PRIDE OPAQUE | 2.8 | 2.6 | 101.30 | 10756 | 11970 | | 11970 | 111.28 |
| 9 | 26.00 | 2236 | WHITE IMPERIAL BIBLE | 19.0 | 18.3 | 105.07 | 45910 | 47130 | 1670 | 45460 | 99.01 |
| 9 | 30.00 | 2240 | LAWYERS WHITE OFFSET | 72.9 | 61.4 | 91.88 | 223984 | 227070 | 1900 | 225170 | 100.52 |
| 9 | 30.00 | 2503 | SOLITUDE OPAQUE | 19.2 | 11.8 | 67.05 | 37664 | 32530 | | 32530 | 86.36 |
| 9 | 40.00 | 2513 | IHM SUPERIOR OFFSET | | | | | | | | |
| 9 | 35.00 | 2514 | INTERNATIONAL HARVES | 13.9 | 12.8 | 100.46 | 47844 | 43570 | | 43570 | 91.06 |
| 9 | 30.00 | 2516 | CELLUPAQUE | 29.8 | 24.8 | 90.79 | 88207 | 86460 | | 86460 | 98.01 |
| 9 | 40.00 | 2534 | I H OPAQUE | 27.2 | 24.9 | 99.87 | 100064 | 88650 | | 88650 | 88.59 |
| 9 | 45.00 | 3501 | SCHOOL COTE | 78.1 | 72.7 | 101.55 | 331503 | 340690 | | 340690 | 102.77 |
| 9 | 50.00 | 3502 | SCHOOL COTE | 12.4 | 11.7 | 102.93 | 56241 | 47590 | 4640 | 42950 | 76.36 |
| 9 | 30.00 | 3830 | WHITE BOOKLITE | 13.6 | 13.2 | 105.88 | 46546 | 40240 | | 40240 | 86.45 |
| 9 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 4.0 | 3.3 | 90.00 | 15135 | 15890 | | 15890 | 104.98 |
| | 46.16 | | MACH TOTAL 1.09091 | 644.5 | 587.6 | 99.46 | 2421056 | 2328080 | 22300 | 2305780 | 95.23 |
| | | | MILL TOTAL | 3198.4 | 2916.1 | 99.46 | 10367040 | 10517770 | 168460 | 10349310 | 99.82 |
| 11 | | 2403 | SHAKESPEARE THIN | | | | | | | | |
| | | | MACH TOTAL 1.11628 | | | | | | | | |
| | | | MILL TOTAL | 3198.4 | 2916.1 | 101.78 | 10367040 | 10517770 | 168460 | 10349310 | 99.82 |

SB 853468

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 154.3 | 150.1 | 107.34 | 578343 | 572130 | 1900 | 570230 | 98.59 |
| | 78.00 | | MACH TOTAL 1.10345 | 154.3 | 150.1 | 107.34 | 578343 | 572130 | 1900 | 570230 | 98.59 |
| 17 | 40.00 | 801 | LAUREL TEXT | 5.3 | 3.4 | 70.79 | 24904 | 21200 | 8680 | 12520 | 50.27 |
| 17 | 50.00 | 803 | LAUREL TEXT | 8.1 | 5.8 | 68.11 | 42113 | 43595 | | 43595 | 103.51 |
| 17 | 60.00 | 805 | LAUREL TEXT | 11.9 | 7.5 | 69.55 | 86375 | 83340 | | 83340 | 96.48 |
| 17 | 43.00 | 812 | LAUREL TEXT | 13.8 | 11.4 | 91.15 | 86675 | 98220 | | 98220 | 113.31 |
| 17 | 92.00 | 873 | MASTERBASE TYPE IV D | 6.8 | 6.8 | 110.35 | 38808 | 26760 | 1430 | 25330 | 65.27 |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV D | 308.0 | 301.0 | 107.84 | 1123070 | 1015840 | 22910 | 992930 | 88.41 |
| | 80.37 | | MACH TOTAL 1.10345 | 353.9 | 335.1 | 104.48 | 1401945 | 1288955 | 33020 | 1255935 | 89.58 |

SB 853469




5A 053470

```
******************** START A4PS60 00784 LAST 27 MAY 81 16.13.07 ********
******************** START A4PS60 00784 LAST 27 MAY 81 16.13.07 ********
******************** START A4PS60 00784 LAST 27 MAY 81 16.13.07 ********
******************** START A4PS60 00784 LAST 27 MAY 81 16.13.07 ********
******************** START A4PS60 00784 LAST 27 MAY 81 16.13.07 ********
******************** START A4PS60 00784 LAST 27 MAY 81 16.13.07 ********
******************** START A4PS60 00784 LAST 27 MAY 81 16.13.07 ********
******************** START A4PS60 00784 LAST 27 MAY 81 16.13.07 ********
```

5A 053471

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 05/27/81
7800I  OPTION ROUTE=LST                                                  0013
7800I  SORT FIELDS=(15,2,A,19,4,A),FORMAT=BI,WORK=1,FILES=2              0014
7800I  RECORD TYPE=F,LENGTH=(80,,80)                                     0015
7800I  INPFIL BLKSIZE=4080                                               0016
7800I  OUTFIL BLKSIZE=4080                                               0017
7800I  END                                                               0018

7J03I SORT  COMPLETE, IN 1614, OUT 1614.
```

58 053423

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 801 | LAUREL TEXT | 102 | 112 | 1 | 109.80 |
| | | | 102 | | 1 | |
| | | | | | 2 | 54.90 |
| | 803 | LAUREL TEXT | 102 | 108 | 2 | 105.88 |
| | | | 102 | 105 | 1 | 102.94 |
| | | | | | 3 | 104.90 |
| | 805 | LAUREL TEXT | 102 | 122 | 2 | 119.60 |
| | | | | | 2 | 119.60 |
| | 812 | LAUREL TEXT | 102 | 108 | 2 | 105.88 |
| | | | | | 2 | 105.88 |
| | 873 | MASTERBASE TYPE IV DTHW | 102 | 116 | 1 | 113.72 |
| | | | 102 | | 1 | |
| | | | | | 2 | 56.86 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 106 | 42 | 103.92 |
| | | | 102 | | 9 | |
| | | | | | 51 | 85.58 |
| | | | | 108 | | 86.35 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 72 | 70 | 12 | 97.22 |
| | | | 72 | 67 | 8 | 93.05 |
| | | | 72 | | 2 | |
| | | | | | 22 | 86.86 |
| | | | | 69 | | 86.86 |

PROGRAM: A4PS3401 S C M A L L I E D P A P E R I N C. PAGE 10
RUN DATE: 09/27/81 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 2403 | SHAKESPEARE THIN | 110 | | 1 | |
| | | | | | 1 | |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3502 | SCHOOL COTE | 105 | 118 | 1 | 112.38 |
| | | | 105 | 101 | 2 | 96.19 |
| | | | 105 | | 1 | |
| | | | | | 4 | 76.19 |
| | 3830 | WHITE BOOKLITE | 110 | 116 | 3 | 105.45 |
| | | | | | 3 | 105.45 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 105 | 1 | 95.45 |
| | | | 110 | 98 | 1 | 89.09 |
| | | | | | 2 | 92.27 |
| | | | | 109 | | 87.67 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 111 | 2 | 106.73 |
| | | | | | 2 | 106.73 |
| | 212 | LAUREL TEXT R.S. | 104 | 111 | 9 | 106.73 |
| | | | | | 9 | 106.73 |
| | 276 | TYPE IV E DT BLADE BASE | 124 | 109 | 35 | 87.90 |
| | | | 124 | | 4 | |
| | | | | | 39 | 78.88 |
| | 1503 | J OFFSET | 105 | | 1 | |
| | | | | | 1 | |
| | 1803 | PRIDE OPAQUE | 121 | 105 | 2 | 86.77 |
| | | | | | 2 | 86.77 |
| | 1805 | ALLIED PRIDE | 110 | 104 | 5 | 94.54 |
| | | | 110 | | 2 | |
| | | | | | 7 | 67.52 |
| | 1810 | BW PRIDE OPAQUE | 110 | 105 | 1 | 95.45 |
| | | | | | 1 | 95.45 |
| | 2236 | WHITE IMPERIAL BIBLE | 110 | 98 | 3 | 89.09 |
| | | | 110 | | 1 | |
| | | | | | 4 | 66.81 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 120 | 11 | 109.09 |
| | | | 110 | | 1 | |
| | | | | | 12 | 99.99 |
| | 2503 | SOLITUDE OPAQUE | 110 | 105 | 3 | 95.45 |
| | | | | | 3 | 95.45 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | | 1 | |
| | | | | | 1 | |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 105 | 4 | 100.00 |
| | | | | | 4 | 100.00 |
| | 2516 | CELLUPAQUE | 114 | 117 | 5 | 102.63 |
| | | | | | 5 | 102.63 |
| | 2534 | 1 H OPAQUE | 110 | 102 | 5 | 92.72 |
| | | | | | 5 | 92.72 |
| | 3501 | SCHOOL COTE | 105 | 115 | 4 | 109.52 |
| | | | 109 | 104 | 9 | 99.04 |
| | | | | | 13 | 102.26 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 1 | 102.67 |
| | 3001 | SUPERIOR OFFSET | 110 | 107 | 2 | 97.27 |
| | | | | | 2 | 97.27 |
| | 3042 | BW RD OFFSET ANT. | 142 | 99 | 7 | 69.71 |
| | | | 142 | | 1 | |
| | | | | | 8 | 60.99 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 120 | 1 | 100.00 |
| | | | 120 | 119 | 1 | 99.16 |
| | | | 120 | 117 | 1 | 97.50 |
| | | | 120 | 114 | 4 | 95.00 |
| | | | 120 | 112 | 1 | 93.33 |
| | | | 120 | 111 | 2 | 92.50 |
| | | | 120 | 110 | 2 | 91.66 |
| | | | 120 | 108 | 1 | 90.00 |
| | | | 120 | 107 | 2 | 89.16 |
| | | | 120 | 106 | 1 | 88.33 |
| | | | | | 16 | 93.43 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 12 | 103.63 |
| | | | 110 | | 1 | |
| | | | | | 13 | 95.65 |
| | 7100 | K WHITE OFFSET | 110 | 113 | 4 | 102.72 |
| | | | | | 4 | 102.72 |
| | 7101 | K WHITE OFFSET | 110 | 121 | 2 | 110.00 |
| | | | 110 | 118 | 1 | 107.27 |
| | | | 110 | 112 | 2 | 101.81 |
| | | | 110 | 109 | 3 | 99.09 |
| | | | 110 | 102 | 1 | 92.72 |
| | | | 110 | 96 | 3 | 87.27 |
| | | | 110 | 93 | 1 | 84.54 |
| | | | | | 13 | 97.47 |
| | 7102 | K WHITE OFFSET | 110 | 116 | 1 | 105.45 |
| | | | 110 | 110 | 2 | 100.00 |
| | | | 110 | 109 | 1 | 99.09 |
| | | | 110 | 96 | 1 | 87.27 |
| | | | 110 | | 1 | |
| | | | | | 6 | 81.96 |
| | 7124 | BW K OFFSET - ANTIQUE | 110 | 102 | 3 | 92.72 |
| | | | | | 3 | 92.72 |
| | | | | 109 | | 89.77 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 1000 | Q.P. OFFSET | 114 | 114 | 3 | 100.00 |
| | | | 114 | 108 | 2 | 94.73 |
| | | | | | 5 | 97.89 |
| | 1203 | A.M. PRIDE | 120 | | 2 | |
| | | | | | 2 | |
| | 1503 | J OFFSET | 105 | 111 | 3 | 105.71 |
| | | | 105 | 110 | 4 | 104.76 |
| | | | | | 7 | 105.16 |
| | 1805 | ALLIED PRIDE | 105 | 107 | 2 | 101.90 |
| | | | | | 2 | 101.90 |
| | 1810 | BW PRIDE OPAQUE | 110 | 121 | 2 | 110.00 |
| | | | | | 2 | 110.00 |
| | 2030 | HRITE LITE THIN | 110 | 114 | 2 | 103.63 |
| | | | 110 | 80 | 1 | 72.72 |
| | | | 110 | | 1 | |
| | | | | | 4 | 69.99 |
| | 2300 | MERRIAM DICTIONARY | 112 | 111 | 15 | 99.10 |
| | | | 112 | | 3 | |
| | | | | | 18 | 82.58 |
| | 2405 | SHAKESPEARE THIN | 110 | 113 | 4 | 102.72 |
| | | | 110 | 104 | 3 | 94.54 |
| | | | 110 | | 1 | |
| | | | | | 8 | 86.81 |
| | 2407 | SHAKESPEARE THIN | 110 | 116 | 2 | 105.45 |
| | | | 110 | 99 | 2 | 90.00 |
| | | | | | 4 | 97.72 |
| | 2503 | SOLITUDE OPAQUE | 110 | 106 | 4 | 96.36 |
| | | | 110 | 104 | 2 | 94.54 |
| | | | 110 | | 1 | |
| | | | | | 7 | 82.07 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 105 | 2 | 100.00 |
| | | | 105 | 104 | 4 | 99.04 |
| | | | | | 6 | 99.36 |
| | 2516 | CELLUPAQUE | 114 | 117 | 4 | 102.63 |
| | | | 114 | 113 | 7 | 99.12 |
| | | | | | 11 | 100.39 |
| | 2543 | A.P. LIGHTWEIGHT | 112 | 115 | 1 | 102.67 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 5 | 74.70 |
| M | 7101 | K WHITE OFFSET | 136 | 124 | 2 | 91.17 |
| | | | | | 2 | 91.17 |
| | | | | 123 | | 86.95 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 205 | LAUREL TEXT R.S. | 126 | 125 | 9 | 99.20 |
| | | | | | 9 | 99.20 |
| | 2000 | BRITE LITE THIN | 132 | 111 | 14 | 84.09 |
| | | | 132 | | 2 | |
| | | | | | 16 | 73.57 |
| | 2007 | BRITE LITE PLUS | 132 | | 1 | |
| | | | | | 1 | |
| | 2011 | ZONDERLITE 84 | 105 | 126 | 8 | 120.00 |
| | | | 105 | 125 | 5 | 119.04 |
| | | | 105 | 118 | 1 | 112.38 |
| | | | 105 | | 1 | |
| | | | | | 15 | 111.17 |
| | 2100 | BRITISH OPAQUE | 134 | 130 | 12 | 97.01 |
| | | | 134 | 120 | 3 | 89.55 |
| | | | 134 | | 1 | |
| | | | | | 16 | 89.54 |
| | 2202 | IMPERIAL BIBLE | 134 | 126 | 2 | 94.02 |
| | | | | | 2 | 94.02 |
| | 2217 | EXTRA WHITE IMPERIAL BIBLE | 132 | 125 | 17 | 94.69 |
| | | | 132 | 112 | 1 | 84.84 |
| | | | 132 | | 2 | |
| | | | | | 20 | 84.72 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 110 | 2 | 83.33 |
| | | | | | 2 | 83.33 |
| | 2223 | NATO TEXT BIBLE 80 | 132 | 128 | 8 | 96.96 |
| | | | 132 | | 1 | |
| | | | | | 9 | 86.18 |
| | 2400 | SHAKESPEARE THIN | 132 | 115 | 6 | 87.12 |
| | | | 132 | | 1 | |
| | | | | | 7 | 74.67 |
| | 2420 | SPEC. SHAKESPEARE THIN | 105 | 129 | 4 | 122.85 |
| | | | 105 | | 1 | |
| | | | | | 5 | 98.28 |
| | 3830 | WHITE BOOKLITE | 134 | | 1 | |
| | | | | | 1 | |
| | 3835 | WHITE BOOK LITE | 136 | 127 | 4 | 93.38 |
| | | | 136 | | 1 | |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3835 | WHITE BOOK LITE | 138 | 127 | 9 | 92.02 |
| | | | | | 9 | 92.02 |
| | 7100 | K WHITE OFFSET | 142 | 140 | 2 | 98.59 |
| | | | | | 2 | 98.59 |
| | 7101 | K WHITE OFFSET | 142 | 129 | 2 | 90.84 |
| | | | | | 2 | 90.84 |
| | 7102 | K WHITE OFFSET | 142 | 147 | 3 | 103.52 |
| | | | 142 | 144 | 3 | 101.40 |
| | | | 142 | 140 | 1 | 98.59 |
| | | | 142 | | 1 | |
| | | | | | 8 | 89.16 |
| | 7105 | K WHITE OFFSET | 146 | 131 | 1 | 89.72 |
| | | | 146 | | 1 | |
| | | | | | 2 | 44.86 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | | 2 | |
| | | | | | 2 | |
| | 7203 | RAVENSWOOD OPAQUE | 140 | 144 | 2 | 102.85 |
| | | | 140 | 139 | 1 | 99.28 |
| | | | 140 | | 1 | |
| | | | | | 4 | 76.24 |
| | | | | 132 | | 79.16 |

SA 053482

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 144 | 139 | 6 | 96.52 |
| | | | 144 | 133 | 2 | 92.36 |
| | | | | | 8 | 95.48 |
| | 1100 | E. B. NEW SHADE | 138 | 138 | 4 | 100.00 |
| | | | 138 | | 3 | |
| | | | | | 7 | 57.14 |
| | 1500 | SPEC. JACKSON OFFSET | 136 | | 1 | |
| | | | | | 1 | |
| | 1800 | PRIDE OPAQUE | 140 | 142 | 3 | 101.42 |
| | | | 140 | 137 | 1 | 97.85 |
| | | | 140 | 128 | 10 | 91.42 |
| | | | 140 | | 1 | |
| | | | | | 15 | 87.75 |
| | 1803 | PRIDE OPAQUE | 145 | 101 | 1 | 69.65 |
| | | | | | 1 | 69.65 |
| | 2102 | BRITISH OPAQUE | 138 | 128 | 6 | 92.75 |
| | | | 138 | | 1 | |
| | | | | | 7 | 79.50 |
| | 2300 | MERRIAM DICTIONARY | 140 | 123 | 15 | 87.85 |
| | | | 140 | | 3 | |
| | | | | | 18 | 73.20 |
| | 2504 | SOLITUDE OPAQUE | 140 | 132 | 4 | 94.28 |
| | | | 140 | 131 | 4 | 93.57 |
| | | | | | 8 | 93.92 |
| | 2513 | IBM SUPERIOR OFFSET | 140 | | 2 | |
| | | | | | 2 | |
| | 2522 | SPECIAL SOLITUDE OPAQUE | 140 | 126 | 5 | 90.00 |
| | | | 140 | | 1 | |
| | | | | | 6 | 75.00 |
| | 2953 | C.W. DICKENS OFFSET | 140 | 139 | 9 | 99.28 |
| | | | 140 | | 1 | |
| | | | | | 10 | 89.35 |
| | 3830 | WHITE BOOKLITE | 138 | 136 | 5 | 98.55 |
| | | | 138 | | 1 | |
| | | | | | 6 | 82.12 |
| | 3833 | WHITE BOOK LITE | 136 | 128 | 1 | 94.11 |
| | | | | | 1 | 94.11 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 116 | | 1 | |
| | | | | | 1 | |
| | 1405 | M H SPECIAL LIGHT WEIGHT | 116 | | 2 | |
| | | | | | 2 | |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 110 | 20 | 107.84 |
| | | | 102 | 89 | 1 | 87.25 |
| | | | | | 21 | 106.85 |
| | 2223 | NATO TEXT BIBLE 80 | 102 | 105 | 13 | 102.94 |
| | | | 102 | 99 | 2 | 97.05 |
| | | | 102 | | 3 | |
| | | | | | 18 | 85.12 |
| | 2224 | NATO TEXT 80 | 118 | 102 | 1 | 86.44 |
| | | | | | 1 | 86.44 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 107 | 1 | 97.27 |
| | | | | | 1 | 97.27 |
| | 2540 | A P LIGHT WEIGHT | 110 | 112 | 9 | 101.81 |
| | | | 110 | 100 | 4 | 90.90 |
| | | | 110 | | 2 | |
| | | | | | 15 | 85.32 |
| | 6400 | CIGARETTE TIPPING - CORK | 114 | 110 | 12 | 96.49 |
| | | | 114 | 100 | 12 | 87.71 |
| | | | 114 | 99 | 3 | 86.84 |
| | | | 114 | 98 | 19 | 85.96 |
| | | | 114 | 92 | 3 | 80.70 |
| | | | 114 | | 2 | |
| | | | | | 47 | 85.15 |
| | | | | 105 | | 87.19 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 05/27/81
7B00I  OPTION ROUTE=LST                                                  0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1        0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7B00I  INPFIL BLKSIZE=4080                                               0013
7B00I  OUTFIL BLKSIZE=4080                                               0014
7B00I  END                                                               0015

7J03I SORT  COMPLETE, IN 679, OUT 679.
```

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 801 | LAUREL TEXT | 1300 | | 2 | |
| | | | | | 2 | |
| | 803 | LAUREL TEXT | 1250 | | 3 | |
| | | | | | 3 | |
| | 805 | LAUREL TEXT | 1250 | | 2 | |
| | | | | | 2 | |
| | 812 | LAUREL TEXT | 1300 | | 2 | |
| | | | | | 2 | |
| | 873 | MASTERBASE TYPE IV DTHW | 425 | | 2 | |
| | | | | | 2 | |
| | 876 | MASTERBASE TYPE IV-DT | 320 | | 51 | |
| | | | | | 51 | |

PROGRAM: A4PS330I  S C M  A L L I E D  P A P E R  I N C.  PAGE 11
RUN DATE: 05/27/81  DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 510 | | 22 | |
| | | | | | 22 | |

85487

PROGRAM: A4PS3301 S C M A L L I E D P A P E R I N C. PAGE 10
RUN DATE: 05/27/81 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 2403 | SHAKESPEARE THIN | 600 | | 1 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2534 | 1 H OPAQUE | 700 | 690 | 3 | 98.57 |
| | | | 700 | 710 | 1 | 101.42 |
| | | | 700 | 725 | 1 | 103.57 |
| | | | | | 5 | 100.14 |
| H | 3501 | SCHOOL COTE | 670 | 675 | 2 | 100.74 |
| | | | 670 | 680 | 4 | 101.49 |
| | | | 670 | 690 | 4 | 102.98 |
| | | | 670 | 710 | 3 | 105.97 |
| | | | | | 13 | 102.86 |
| | 3502 | SCHOOL COTE | 630 | | 1 | |
| | | | 630 | 600 | 3 | 95.23 |
| | | | | | 4 | 71.42 |
| | 3830 | WHITE BOOKLITE | 720 | 760 | 3 | 105.55 |
| | | | | | 3 | 105.55 |
| | 7202 | RAVENSWOOD OPAQUE | 630 | 650 | 2 | 103.17 |
| | | | | | 2 | 103.17 |
| | | | | | | 92.80 |

85X159

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 720 | 740 | 2 | 102.77 |
| | | | | | 2 | 102.77 |
| | 212 | LAUREL TEXT R.S. | 720 | 730 | 6 | 101.38 |
| | | | 720 | 760 | 3 | 105.55 |
| | | | | | 9 | 102.77 |
| | 276 | TYPE IV E DT BLADE BASE | 500 | | 4 | |
| | | | 500 | 460 | 3 | 92.00 |
| | | | 500 | 500 | 30 | 100.00 |
| | | | 500 | 600 | 1 | 120.00 |
| | | | 500 | 725 | 1 | 145.00 |
| | | | | | 39 | 90.79 |
| | 1503 | J OFFSET | 700 | | 1 | |
| | | | | | 1 | |
| | 1803 | PRIDE OPAQUE | 720 | 740 | 2 | 102.77 |
| | | | | | 2 | 102.77 |
| | 1805 | ALLIED PRIDE | 720 | | 2 | |
| | | | 720 | 740 | 1 | 102.77 |
| | | | 720 | 760 | 4 | 105.55 |
| | | | | | 7 | 74.99 |
| | 1810 | BW PRIDE OPAQUE | 700 | 725 | 1 | 103.57 |
| | | | | | 1 | 103.57 |
| | 2236 | WHITE IMPERIAL BIBLE | 700 | | 1 | |
| | | | 700 | 750 | 3 | 107.14 |
| | | | | | 4 | 80.35 |
| | 2240 | LAWYERS WHITE OFFSET | 720 | | 1 | |
| | | | 720 | 720 | 2 | 100.00 |
| | | | 720 | 730 | 5 | 101.38 |
| | | | 720 | 740 | 4 | 102.77 |
| | | | | | 12 | 93.16 |
| | 2503 | SOLITUDE OPAQUE | 720 | 760 | 3 | 105.55 |
| | | | | | 3 | 105.55 |
| | 2513 | IBM SUPERIOR OFFSET | 700 | | 1 | |
| | | | | | 1 | |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 720 | 760 | 4 | 105.55 |
| | | | | | 4 | 105.55 |
| | 2516 | CELLUPAQUE | 720 | 760 | 5 | 105.55 |
| | | | | | 5 | 105.55 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3042 | BW RD OFFSET ANT. | 700 | | 1 | |
| | | | 700 | 760 | 7 | 108.57 |
| | | | | | 8 | 94.99 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 400 | 400 | 15 | 100.00 |
| | | | 400 | 760 | 1 | 190.00 |
| | | | | | 16 | 105.62 |
| | 7000 | CALENDAR PAD OFFSET | 720 | | 1 | |
| | | | 720 | 780 | 12 | 108.33 |
| | | | | | 13 | 99.99 |
| | 7100 | K WHITE OFFSET | 720 | 780 | 4 | 108.33 |
| | | | | | 4 | 108.33 |
| | 7101 | K WHITE OFFSET | 730 | 750 | 6 | 102.73 |
| | | | 730 | 760 | 1 | 104.10 |
| | | | 730 | 780 | 6 | 106.84 |
| | | | | | 13 | 104.73 |
| | 7102 | K WHITE OFFSET | 730 | | 1 | |
| | | | 730 | 750 | 2 | 102.73 |
| | | | 730 | 760 | 3 | 104.10 |
| | | | | | 6 | 86.29 |
| | 7124 | BW K OFFSET - ANTIQUE | 590 | 630 | 1 | 106.77 |
| | | | 590 | 650 | 2 | 110.16 |
| | | | | | 3 | 109.03 |
| | | | | | | 98.25 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 1000 | Q.P. OFFSET | 730 | 780 | 5 | 106.84 |
| | | | | | 5 | 106.84 |
| | 1203 | A.M. PRIDE | 730 | | 2 | |
| | | | | | 2 | |
| | 1503 | J OFFSET | 720 | 780 | 7 | 108.33 |
| | | | | | 7 | 108.33 |
| | 1805 | ALLIED PRIDE | 730 | 780 | 2 | 106.84 |
| | | | | | 2 | 106.84 |
| | 1810 | BW PRIDE OPAQUE | 720 | 780 | 2 | 108.33 |
| | | | | | 2 | 108.33 |
| | 2030 | BRITE LITE THIN | 730 | | 1 | |
| | | | 730 | 780 | 3 | 106.84 |
| | | | | | 4 | 80.13 |
| | 2300 | MERRIAM DICTIONARY | 730 | | 3 | |
| | | | 730 | 770 | 1 | 105.47 |
| | | | 730 | 780 | 10 | 106.84 |
| | | | 730 | 790 | 4 | 108.21 |
| | | | | | 18 | 89.26 |
| | 2405 | SHAKESPEARE THIN | 730 | | 1 | |
| | | | 730 | 780 | 7 | 106.84 |
| | | | | | 8 | 93.48 |
| | 2407 | SHAKESPEARE THIN | 730 | 780 | 4 | 106.84 |
| | | | | | 4 | 106.84 |
| | 2503 | SOLITUDE OPAQUE | 730 | | 1 | |
| | | | 730 | 750 | 6 | 102.73 |
| | | | | | 7 | 88.05 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 730 | 750 | 4 | 102.73 |
| | | | 730 | 780 | 2 | 106.84 |
| | | | | | 6 | 104.10 |
| | 2516 | CELLUPAQUE | 730 | 780 | 11 | 106.84 |
| | | | | | 11 | 106.84 |
| | 2543 | A.P. LIGHTWEIGHT | 730 | 780 | 1 | 106.84 |
| | | | | | 1 | 106.84 |
| | 3001 | SUPERIOR OFFSET | 730 | 780 | 2 | 106.84 |
| | | | | | 2 | 106.84 |

SD 855492

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 740 | 690 | 2 | 93.24 |
| | | | 740 | 740 | 2 | 100.00 |
| | | | | | 5 | 77.29 |
| | 7101 | K WHITE OFFSET | 630 | 620 | 1 | 98.41 |
| | | | 630 | 630 | 1 | 100.00 |
| | | | | | 2 | 99.20 |
| | | | | | | 95.49 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 205 | LAUREL TEXT R.S. | 620 | 620 | 5 | 100.00 |
| | | | 620 | 630 | 4 | 101.61 |
| | | | | | 9 | 100.71 |
| | 2000 | BRITE LITE THIN | 670 | | 2 | |
| | | | 670 | 730 | 3 | 108.95 |
| | | | 670 | 750 | 11 | 111.94 |
| | | | | | 16 | 97.38 |
| | 2007 | BRITE LITE PLUS | 670 | | 1 | |
| | | | | | 1 | |
| | 2011 | ZONDERLITE 84 | 670 | | 1 | |
| | | | 670 | 740 | 14 | 110.44 |
| | | | | | 15 | 103.07 |
| | 2100 | BRITISH OPAQUE | 710 | | 1 | |
| | | | 710 | 730 | 14 | 102.81 |
| | | | 710 | 740 | 1 | 104.22 |
| | | | | | 16 | 96.47 |
| | 2202 | IMPERIAL BIBLE | 750 | 750 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2217 | EXTRA WHITE IMPERIAL BIBLE | 670 | | 2 | |
| | | | 670 | 740 | 18 | 110.44 |
| | | | | | 20 | 99.39 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 670 | 730 | 2 | 108.95 |
| | | | | | 2 | 108.95 |
| | 2223 | NATO TEXT BIBLE 80 | 670 | | 1 | |
| | | | 670 | 730 | 8 | 108.95 |
| | | | | | 9 | 96.84 |
| | 2400 | SHAKESPEARE THIN | 670 | | 1 | |
| | | | 670 | 700 | 3 | 104.47 |
| | | | 670 | 740 | 3 | 110.44 |
| | | | | | 7 | 92.10 |
| | 2420 | SPEC. SHAKESPEARE THIN | 670 | | 1 | |
| | | | 670 | 720 | 1 | 107.46 |
| | | | 670 | 750 | 3 | 111.94 |
| | | | | | 5 | 88.65 |
| | 3830 | WHITE BOOKLITE | 750 | | 1 | |
| | | | | | 1 | |
| | 3835 | WHITE BOOK LITE | 740 | | 1 | |

PROGRAM: A4PS3301 S C M A L L I E D P A P E R I N C. PAGE 3
RUN DATE: 05/27/81 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 750 | 770 | 6 | 102.66 |
| | | | | | 9 | 101.32 |
| | 7100 | K WHITE OFFSET | 740 | 780 | 2 | 105.40 |
| | | | | | 2 | 105.40 |
| | 7101 | K WHITE OFFSET | 720 | 720 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 7102 | K WHITE OFFSET | 700 | | 1 | |
| | | | 700 | 720 | 1 | 102.85 |
| | | | 700 | 740 | 2 | 105.71 |
| | | | 700 | 750 | 4 | 107.14 |
| | | | | | 8 | 92.85 |
| | 7105 | K WHITE OFFSET | 480 | | 1 | |
| | | | 480 | 520 | 1 | 108.33 |
| | | | | | 2 | 54.16 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | | 2 | |
| | | | | | 2 | |
| | 7203 | RAVENSWOOD OPAQUE | 670 | | 1 | |
| | | | 670 | 720 | 3 | 107.46 |
| | | | | | 4 | 80.59 |
| | | | | | | 86.42 |

PROGRAM: A4PS3301 S C M A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 09/27/81 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 500 | 520 | 8 | 104.00 |
| | | | | | 8 | 104.00 |
| | 1100 | E. B. NEW SHADE | 750 | | 3 | |
| | | | 750 | 780 | 4 | 104.00 |
| | | | | | 7 | 89.42 |
| | 1500 | SPEC. JACKSON OFFSET | 750 | | 1 | |
| | | | | | 1 | |
| | 1800 | PRIDE OPAQUE | 750 | | 1 | |
| | | | 750 | 780 | 14 | 104.00 |
| | | | | | 15 | 97.06 |
| | 1803 | PRIDE OPAQUE | 750 | 780 | 1 | 104.00 |
| | | | | | 1 | 104.00 |
| | 2102 | BRITISH OPAQUE | 750 | | 1 | |
| | | | 750 | 780 | 6 | 104.00 |
| | | | | | 7 | 89.14 |
| | 2300 | MERRIAM DICTIONARY | 750 | | 3 | |
| | | | 750 | 750 | 15 | 100.00 |
| | | | | | 18 | 83.33 |
| | 2504 | SOLITUDE OPAQUE | 750 | 735 | 1 | 98.00 |
| | | | 750 | 780 | 7 | 104.00 |
| | | | | | 8 | 103.25 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | | 2 | |
| | | | | | 2 | |
| | 2522 | SPECIAL SOLITUDE OPAQUE | 750 | | 1 | |
| | | | 750 | 780 | 5 | 104.00 |
| | | | | | 6 | 86.66 |
| | 2953 | C.W. DICKENS OFFSET | 670 | | 1 | |
| | | | 670 | 660 | 9 | 98.50 |
| | | | | | 10 | 88.65 |
| | 3830 | WHITE BOOKLITE | 750 | | 1 | |
| | | | 750 | 780 | 5 | 104.00 |
| | | | | | 6 | 86.66 |
| | 3833 | WHITE BOOK LITE | 750 | 780 | 1 | 104.00 |
| | | | | | 1 | 104.00 |
| | 3835 | WHITE BOOK LITE | 750 | 720 | 1 | 96.00 |
| | | | 750 | 750 | 2 | 100.00 |

PROGRAM: A4PS3301 S C M A L L I E D P A P E R I N C. PAGE 1
RUN-DATE: 05/27/81 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 600 | | 1 | |
| | | | | | 1 | |
| | 1405 | M H SPECIAL LIGHT WEIGHT | 620 | | 2 | |
| | | | | | 2 | |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 620 | 560 | 1 | 90.32 |
| | | | 620 | 620 | 6 | 100.00 |
| | | | 620 | 680 | 14 | 109.67 |
| | | | | | 21 | 105.98 |
| | 2223 | NATO TEXT BIBLE 80 | 620 | | 3 | |
| | | | 620 | 620 | 1 | 100.00 |
| | | | 620 | 660 | 2 | 106.45 |
| | | | 620 | 680 | 12 | 109.67 |
| | | | | | 18 | 90.49 |
| | 2224 | NATO TEXT 80 | 600 | 680 | 1 | 113.33 |
| | | | | | 1 | 113.33 |
| | 2513 | IBM SUPERIOR OFFSET | 540 | 550 | 1 | 101.85 |
| | | | | | 1 | 101.85 |
| | 2540 | A P LIGHT WEIGHT | 620 | | 2 | |
| | | | 620 | 550 | 1 | 88.70 |
| | | | 620 | 600 | 1 | 96.77 |
| | | | 620 | 620 | 8 | 100.00 |
| | | | 620 | 660 | 3 | 106.45 |
| | | | | | 15 | 86.98 |
| | 6400 | CIGARETTE TIPPING - CORK | 500 | | 2 | |
| | | | 500 | 490 | 5 | 98.00 |
| | | | 500 | 500 | 39 | 100.00 |
| | | | 500 | 520 | 1 | 104.00 |
| | | | | | 47 | 95.61 |
| | | | | | | 93.10 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 05/27/81
7B00I  OPTION ROUTE=LST                                                  0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,50,3,PD,A),WORK=1,FILES=1        0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7B00I  INPFIL BLKSIZE=4080                                               0013
7B00I  OUTFIL BLKSIZE=4080                                               0014
7B00I  END                                                               0015

7J03I SORT  COMPLETE, IN 679, OUT 679.
```

1 1202

2 1803

3 2005

4 2102

5 2104

6 2200

7 2236

8 7100

© WILSON JONES COMPANY G7214 GREEN 7214 BUFF PAT APPL FOR

| | |
|---|---|
| [illegible] | 15 |
| [illegible]110 | 16 |
| 11110 | 16 |
| 108700 | 16 |
| 50[illegible]20 | 16 |
| 50670 | 16 |
| 266340 | 16 |
| 83130 | 16 |
| [illegible]200 | |

5358420 —— 16

6883470 1481

577 MADE IN U.S.

APRIL 1981.

| | | '05 | '06 | '07 | |
|---|---|---|---|---|---|
| 1 | 1401 | 100740 | | 100740 | 16 |
| 2 | 2221 | 188330 | | 188330 | 15 |
| 3 | 2604 | 182910 | | 182910 | 16 |
| 4 | 2254 | 4260 | | 4260 | 16 |
| 5 | 6400 | 456810 | | 456810 | 07 |
| 6 | 0142 | 1033250 | 320120 | 320120 | 10 |
| 7 | 1100 | | 77480 | 77480 | 16 |
| 8 | 2512 | | 261360 | 261360 | 14 |
| 9 | 3830 | | 571650 | 571650 | 16 |
| 10 | 3832 | | 373650 | 373650 | 16 |
| 11 | 7102 | | 135120 | 135120 | 16 |
| 12 | 7104 | | 50480 | 50480 | 16 |
| 13 | 9001 | | 314770 | 314770 | — |
| 14 | 0203 | | 3811000 | | |
| 15 | 2000 | | | | |
| 16 | 2011 | | | | |
| 17 | 2506 | | | | |
| 18 | 2542 | | | | |
| 19 | 3825 | | | | |
| 20 | 1000 | | | | |
| 21 | 1800 | | | | |
| 22 | 2604 | | | | |
| 23 | 2608 | | | 2203260 | 16 |
| 24 | 2240 | | | | |
| 25 | 2401 | | | | |
| 26 | 2405 | | | | |
| 27 | 2503 | | | | |
| 28 | 2514 | | | | |
| 29 | 3000 | | | | |
| 30 | 3002 | | | | |
| 31 | 3400 | | | | |
| 32 | 6100 | | | | |
| 33 | 7000 | | | | |
| 34 | 7101 | | | | |
| 35 | 7123 | | | | |
| 36 | 0201 | | | | |
| 37 | 0203 | | | | |
| 38 | 0253 | | | | |
| 39 | 0273 | | | | |
| 40 | 0276 | | | | |
| | | | | 2744650 | 12.85 |

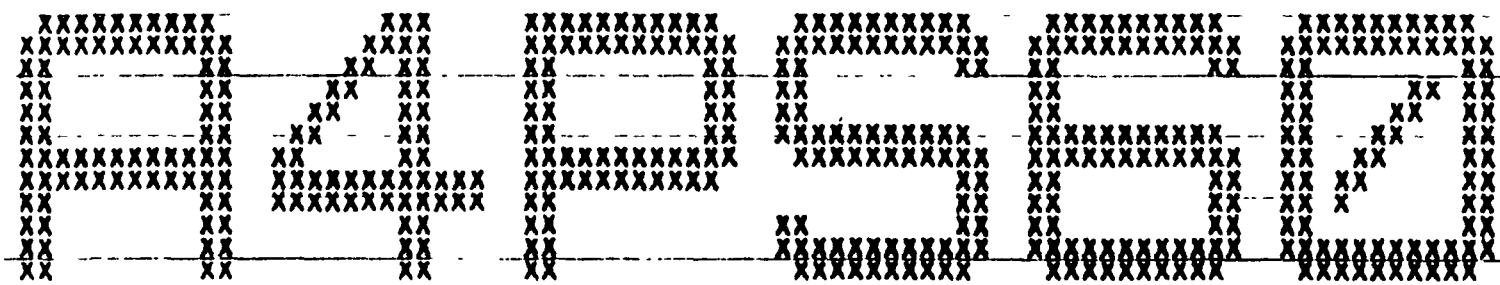
© WILSON JONES COMPANY G7214 GREEN 7214 BUFF PAT APPL FOR

| | | | | |
|---|---|---|---|---|
| 210250 | | | 210250 | 16 |
| | | | | |
| | 125250 | 21070 | 246320 | 14 |
| | 45000 | | 45000 | 16. |
| | 30780 | | 30780 | 16 |
| | | | | |
| 11140 | | | 11140 | 16 |
| 26400 | | | 26400 | 15 |
| 1000 | | | 1000 | 16 |
| 38000 | | | 38000 | 16 |
| 152630 | | | 152630 | 16 |
| 174740 | | | 174740 | 16 |
| 258930 | 247610 | | 247610 | 16 |
| | 98650 | | 98650 | 16 |
| | 64470 | 15600 | 80160 | 16 |
| | 40870 | | 40870 | 16 |
| | 21450 | | 21450 | 16 |
| | 110320 | | 110320 | 16 |
| | 19000 | | 19000 | 16 |
| | 766830 | | 766830 | 16 |
| | 105680 | | 105680 | 16 |
| | 33650 | | 33650 | 16 |
| | 19120 | | 19120 | 16 |
| | 119280 | | 119280 | 03 |
| | 42160 | | 42160 | 12 |
| | 151480 | | 151480 | 16 |
| | 59360 | | 59360 | 16 |
| | 19980 | | 19980 | 14 |
| | 350250 | 212740 | 212740 | 16 |
| | | 54810 | 54810 | 16 |
| | | 74930 | 74930 | 04 |
| | | 89280 | 89280 | 08 |
| | | 472010 | 472010 | 08 |



MADE IN U S

ACT. PRODUCTION
April, 1981.



PROGRAM: A4PS3502 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 04/28/81 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 25.00 | 1401 | BRITISH OPAQUE - SER | 46.0 | 44.3 | 105.06 | 106735 | 100740 | 3100 | 97640 | 91. |
| 5 | 21.00 | 2009 | ROYAL LITE | | | | | | | | |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 111.0 | 102.3 | 100.54 | 195796 | 188330 | | 188330 | 96. |
| 5 | 21.00 | 2225 | NATO TEXT BIBLE 80 | 95.3 | 89.0 | 101.88 | 176856 | 182910 | 4170 | 178740 | 101. |
| 5 | 24.00 | 2224 | NATO TEXT 80 | 1.7 | 1.7 | 100.09 | 3537 | 4260 | | 4260 | 120. |
| 5 | 21.50 | 6480 | CIGARETTE TIPPING - | 403.5 | 372.5 | 100.71 | 559889 | 456810 | 12290 | 444520 | 79. |
| | 21.49 | | MACH TOTAL 1.09091 | 657.5 | 609.8 | 101.18 | 1042813 | 933050 | 19560 | 913490 | 87. |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 60.5 | 59.5 | 107.29 | 313965 | 320120 | | 320120 | 101. |
| 6 | 30.00 | 1100 | E. B. NEW SHADE | 190.9 | 170.4 | 97.38 | 747772 | 775480 | 32150 | 743330 | 99. |
| 6 | 40.00 | 2515 | IBM SUPERIOR OFFSET | 46.5 | 42.7 | 100.18 | 249879 | 261360 | 1580 | 259780 | 103. |
| 6 | 30.00 | 3830 | WHITE BOOKLITE | 149.3 | 130.1 | 95.06 | 552472 | 571650 | 12320 | 559330 | 101. |
| 6 | 33.00 | 3839 | WHITE BOOK LITE | 87.0 | 79.2 | 99.31 | 352782 | 373620 | 3410 | 370210 | 105. |
| 6 | 40.00 | 7100 | K WHITE OFFSET | | | | | | | | |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 23.3 | 21.2 | 99.26 | 142397 | 135120 | | 135120 | 94. |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 7.6 | 7.2 | 104.73 | 52441 | 59480 | | 59480 | 113. |
| 6 | 30.50 | 9001 | DUPONT PAPER (BLUE) | 85.0 | 80.4 | 103.19 | 306995 | 314770 | | 314770 | 102. |
| | 35.83 | | MACH TOTAL 1.09091 | 650.0 | 590.7 | 99.14 | 2718703 | 2811600 | 49460 | 2762140 | 101. |
| 7 | 48.00 | 205 | LAUREL TEXT R.S. | 2.5 | 2.1 | 91.64 | 11025 | 11140 | | 11140 | 101. |
| 7 | 22.00 | 1400 | CW BRITISH OPAQUE - | | | | | | | | |
| 7 | 20.00 | 2000 | BRITE LITE THIN | 14.5 | 13.7 | 103.07 | 32967 | 26400 | 1000 | 25400 | 77. |
| 7 | 21.00 | 2009 | ROYAL LITE | | | | | | | | |
| 7 | 20.00 | 2011 | ZONDERLITE 84 | 9.7 | 1.3 | 14.62 | 3079 | 1000 | | 1000 | 32. |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | | | | | | 1370 | 1370 | |
| 7 | 21.00 | 2225 | NATO TEXT BIBLE 80 | 141.3 | 119.0 | 91.87 | 296870 | 310350 | 2140 | 308210 | 103. |
| 7 | 45.00 | 2500 | SOLITUDE OPAQUE | 7.7 | 7.2 | 102.01 | 35712 | 38000 | | 38000 | 106. |
| 7 | 22.00 | 2542 | A P LIGHT WEIGHT | 67.5 | 63.0 | 101.82 | 155602 | 152630 | 2120 | 150510 | 96. |
| 7 | 35.00 | 3835 | WHITE BOOK LITE | 395.8 | 371.8 | 102.48 | 1728173 | 1747410 | 36945 | 1710465 | 98. |
| | 32.28 | | MACH TOTAL 1.09091 | 639.0 | 578.1 | 98.69 | 2263428 | 2286930 | 43575 | 2243355 | 99. |
| 8 | 45.00 | 1000 | O.P. OFFSET | 65.6 | 59.8 | 99.45 | 314558 | 347610 | | 347610 | 110. |
| 8 | 30.00 | 1203 | A.M. PRIDE | | | | | | | | |
| 8 | 30.00 | 1800 | PRIDE OPAQUE | 28.3 | 26.8 | 103.31 | 91488 | 98650 | | 98650 | 107. |
| 8 | 35.00 | 2204 | IMPERIAL BIBLE | 22.5 | 17.8 | 86.30 | 69573 | 64470 | | 64470 | 92. |
| 8 | 30.00 | 2208 | CW IMPERIAL BIBLE | 12.9 | 10.6 | 89.64 | 36565 | 40870 | | 40870 | 111. |
| 8 | 30.00 | 2240 | LAWYERS WHITE OFFSET | 10.3 | 9.8 | 103.80 | 31390 | 21450 | | 21450 | 68. |
| 8 | 35.00 | 2241 | LAWYERS OFFSET | 26.6 | 25.7 | 105.40 | 99921 | 110320 | 10610 | 99710 | 99. |
| 8 | 30.00 | 2300 | MERRIAM DICTIONARY | | | | | | | | |
| 8 | 35.00 | 2407 | SHAKESPEARE THIN | 5.2 | 5.2 | 109.09 | 19468 | 19000 | | 19000 | 97. |
| 8 | 30.00 | 2503 | SOLITUDE OPAQUE | 261.6 | 231.0 | 96.33 | 756301 | 766830 | 21960 | 744870 | 98. |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 37.7 | 30.5 | 88.26 | 133225 | 135550 | | 135550 | 101. |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 25.4 | 24.9 | 106.94 | 95760 | 105680 | 960 | 104720 | 109. |
| 8 | 40.00 | 3000 | SUPERIOR OFFSET | 11.6 | 6.8 | 63.95 | 28426 | 33650 | 5190 | 28460 | 100. |
| 8 | 45.00 | 3001 | SUPERIOR OFFSET | | | | | | | | |
| 8 | 50.00 | 3002 | SUPERIOR OFFSET | 4.0 | 2.9 | 79.09 | 16545 | 19120 | | 19120 | 115. |
| 8 | 80.00 | 3400 | END LEAF OFFSET - HI | 25.1 | 23.1 | 100.40 | 113109 | 119280 | | 119280 | 105. |
| 8 | 30.00 | 3830 | WHITE BOOKLITE | 16.3 | 13.4 | 88.34 | 44720 | 45900 | | 45900 | 102. |

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 60.00 | 6100 | WHITE CAP GUN STOCK | 8.1 | 7.0 | 94.28 | 39550 | 42160 | | 42160 | 106. |
| 8 | 40.00 | 7000 | CALENDAR PAD OFFSET | 30.3 | 29.2 | 105.13 | 129817 | 151480 | | 151480 | 116. |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 10.8 | 10.5 | 106.06 | 52310 | 59360 | | 59360 | 113. |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 53.3 | 52.2 | 106.84 | 284435 | 307890 | | 307890 | 108. |
| 8 | 55.00 | 7123 | BW K OFFSET - ANTIQU | 4.4 | 3.9 | 96.69 | 18475 | 19980 | | 19980 | 108. |
| 8 | 60.00 | 7124 | BW K OFFSET - ANTIQU | | | | | | | | |
| | 39.99 | | MACH TOTAL 1.09091 | 660.0 | 590.9 | 97.67 | 2375636 | 2509250 | 38720 | 2470530 | 103. |
| 9 | 30.00 | 201 | LAUREL TEXT R.S. | 60.8 | 56.1 | 100.66 | 197826 | 212740 | | 212740 | 107. |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 17.4 | 15.5 | 97.18 | 62793 | 54810 | | 54810 | 87. |
| 9 | 48.00 | 269 | HWT - NON BLEED R.S. | 16.0 | 19.0 | 102.27 | 70375 | 74930 | | 74930 | 106. |
| 9 | 69.00 | 270 | TYPE IV E DT BLADE B | 20.2 | 19.0 | 102.61 | 89526 | 89280 | | 89280 | 99. |
| 9 | 60.00 | 276 | TYPE IV E DT BLADE B | 114.5 | 100.1 | 95.37 | 510129 | 472010 | 4800 | 467210 | 91. |
| 9 | 33.00 | 1202 | SPECIAL AM PRIDE | 98.7 | 84.9 | 93.84 | 317587 | 335390 | 6210 | 329180 | 103. |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | | | | | | | | |
| 9 | 33.00 | 1833 | BW-WH SPECIAL PRIDE | 14.4 | 13.5 | 102.27 | 47343 | 52110 | 1450 | 50660 | 107. |
| 9 | 28.00 | 2008 | BRITE LITE THIN | 10.0 | 4.0 | 43.64 | 11260 | 11110 | | 11110 | 98. |
| 9 | 30.00 | 2102 | BRITISH OPAQUE | 36.8 | 32.5 | 96.34 | 102729 | 108790 | 2690 | 106100 | 103. |
| 9 | 35.00 | 2104 | BRITISH OPAQUE | 17.2 | 14.3 | 90.70 | 56506 | 50220 | 3120 | 47100 | 83. |
| 9 | 25.00 | 2200 | IMPERIAL BIBLE | 18.7 | 16.4 | 95.67 | 45184 | 50670 | 2040 | 48630 | 107. |
| 9 | 35.00 | 2204 | IMPERIAL BIBLE | 5.2 | 3.8 | 79.72 | 14474 | 15690 | | 15690 | 108. |
| 9 | 26.00 | 2236 | WHITE IMPERIAL BIBLE | 114.3 | 104.6 | 99.83 | 262413 | 266340 | | 266340 | 101. |
| 9 | 30.00 | 2503 | SOLITUDE OPAQUE | | | | | | | | |
| 9 | 48.00 | 2513 | IHM-SUPERIOR OFFSET | 50.0 | 47.9 | 104.51 | 204571 | 210070 | 13860 | 196210 | 95. |
| 9 | 40.00 | 7100 | K WHITE OFFSET | 20.8 | 17.6 | 92.31 | 76277 | 83130 | | 83130 | 108. |
| | 40.79 | | MACH TOTAL 1.09091 | 615.0 | 545.2 | 96.71 | 2068993 | 2087290 | 34170 | 2053120 | 99. |
| | | | MILL TOTAL | 3221.5 | 2914.7 | 98.70 | 10469573 | 10628120 | 185485 | 10442635 | 99. |
| 11 | | 6720 | PLUG WRAP | | | | | | | | |
| | | | MACH TOTAL 1.11628 | | | | | | | | |
| | | | MILL TOTAL | 3221.5 | 2914.7 | 101.00 | 10469573 | 10628120 | 185485 | 10442635 | 99. |
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 139.5 | 137.6 | 108.84 | 521347 | 512360 | 900 | 511460 | 98. |
| 15 | 78.00 | 538 | ELECTROSTATIC - AB D | 9.0 | 9.0 | 110.35 | 33768 | 33190 | | 33190 | 98. |
| | 78.00 | | MACH TOTAL 1.10345 | 148.5 | 146.6 | 108.93 | 555115 | 545550 | 900 | 544650 | 98. |
| 17 | 40.00 | 801 | LAUREL TEXT | 46.3 | 32.4 | 77.22 | 237321 | 182210 | 11260 | 170950 | 72. |
| 17 | 45.00 | 802 | LAUREL TEXT | | | | | | | | |
| 17 | 50.00 | 803 | LAUREL TEXT | 28.3 | 19.7 | 76.81 | 161167 | 147150 | 1520 | 145630 | 90. |
| 17 | 60.00 | 805 | LAUREL TEXT | 2.2 | 1.5 | 75.24 | 11275 | 13400 | 2500 | 10900 | 63. |
| 17 | 43.00 | 812 | LAUREL TEXT | | | | | | | | |
| 17 | 35.00 | 846 | RAM KOTE | | | | | | | | |
| 17 | 55.00 | 853 | H W MASTER - NON BLE | 10.7 | 8.5 | 87.66 | 66243 | 75140 | | 75140 | 113. |
| 17 | 92.00 | 873 | MASTERBASE TYPE IV D | 19.7 | 18.0 | 100.82 | 94659 | 74500 | | 74500 | 78. |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV D | 168.5 | 158.1 | 103.53 | 590620 | 571770 | 11620 | 560150 | 94. |
| | 71.86 | | MACH TOTAL 1.10345 | 275.7 | 238.2 | 95.34 | 1167285 | 1064170 | 26900 | 1037270 | 88. |

SB 85586

FORM 6183

# A4P560

# Q4 99

FORM 6783

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ********** | START | A4PS60 | 00996 | LAST | 29 | APR 81 | 08.38.23 |
| ********** | START | A4PS60 | 00996 | LAST | 29 | APR 81 | 08.38.23 |
| ********** | START | A4PS60 | 00996 | LAST | 29 | APR 81 | 08.38.23 |
| ********** | START | A4PS60 | 00996 | LAST | 29 | APR 81 | 08.38.23 |
| ********** | START | A4PS60 | 00996 | LAST | 29 | APR 81 | 08.38.23 |
| ********** | START | A4PS60 | 00996 | LAST | 29 | APR 81 | 08.38.23 |
| ********** | START | A4PS60 | 00996 | LAST | 29 | APR 81 | 08.38.23 |
| ********** | START | A4PS60 | 00996 | LAST | 29 | APR 81 | 08.38.23 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 04/28/81
7800I  OPTION ROUTE=LST                                                    0010
7800I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,50,3,PD,A),WORK=1,FILES=1          0011
7800I  RECORD TYPE=F,LENGTH=(80,,80)                                       0012
7800I  INPFIL BLKSIZE=4080                                                 0013
7800I  OUTFIL BLKSIZE=4080                                                 0014
7800I  END                                                                 0015

7J03I SORT  COMPLETE, IN 667, OUT 667.
```

FORM 6183

PROGRAM: A4PS3301 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 04/28/81 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 600 | | 2 | |
| | | | 600 | 680 | 9 | 113.33 |
| | | | | | 11 | 92.72 |
| | 2009 | ROYAL LITE | 620 | | 1 | |
| | | | | | 1 | |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 620 | 620 | 3 | 100.00 |
| | | | 620 | 680 | 10 | 109.67 |
| | | | 620 | 700 | 1 | 112.90 |
| | | | | | 14 | 107.82 |
| | 2223 | NATO TEXT BIBLE 80 | 620 | | 1 | |
| | | | 620 | 620 | 2 | 100.00 |
| | | | 620 | 700 | 11 | 112.90 |
| | | | | | 14 | 102.99 |
| | 2224 | NATO TEXT 80 | 600 | 700 | 1 | 116.66 |
| | | | | | 1 | 116.66 |
| | 6400 | CIGARETTE TIPPING - CORK | 500 | | 5 | |
| | | | 500 | 460 | 2 | 92.00 |
| | | | 500 | 490 | 1 | 98.00 |
| | | | 500 | 500 | 51 | 100.00 |
| | | | | | 59 | 91.22 |
| | | | | | | 94.70 |

FORM 6183

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DIGK RS | 500 | 500 | 8 | 100.00 |
| | | | 500 | 780 | 1 | 156.00 |
| | | | | | 9 | 106.22 |
| | 1100 | E. B. NEW SHADE | 750 | | 8 | |
| | | | 750 | 780 | 25 | 104.00 |
| | | | 750 | 790 | 1 | 105.33 |
| | | | | | 34 | 79.56 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | | 2 | |
| | | | 740 | 780 | 7 | 105.40 |
| | | | | | 9 | 81.97 |
| | 3830 | WHITE BOOKLITE | 750 | | 4 | |
| | | | 750 | 780 | 17 | 104.00 |
| | | | 750 | 790 | 4 | 105.33 |
| | | | | | 25 | 87.57 |
| | 3833 | WHITE BOOK LITE | 750 | | 2 | |
| | | | 750 | 720 | 1 | 96.00 |
| | | | 750 | 750 | 1 | 100.00 |
| | | | 750 | 780 | 10 | 104.00 |
| | | | | | 14 | 88.28 |
| | 7100 | K WHITE OFFSET | 740 | | 1 | |
| | | | | | 1 | |
| | 7102 | K WHITE OFFSET | 700 | 700 | 2 | 100.00 |
| | | | 700 | 720 | 3 | 102.85 |
| | | | 700 | 750 | 1 | 107.14 |
| | | | | | 6 | 102.61 |
| | 7104 | K WHITE OFFSET | 620 | 650 | 2 | 104.83 |
| | | | | | 2 | 104.83 |
| | 9001 | DUPONT PAPER (BLUE) | 600 | 560 | 1 | 93.33 |
| | | | 600 | 600 | 4 | 100.00 |
| | | | 600 | 630 | 6 | 105.00 |
| | | | | | 11 | 102.12 |
| | | | | | | 88.04 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 205 | LAUREL TEXT R.S. | 620 | 660 | 2 | 106.45 |
| | | | | | 2 | 106.45 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 670 | | 1 | |
| | | | | | 1 | |
| | 2000 | BRITE LITE THIN | 670 | | 1 | |
| | | | 670 | 720 | 3 | 107.46 |
| | | | | | 4 | 80.59 |
| | 2009 | ROYAL LITE | 670 | | 1 | |
| | | | | | 1 | |
| | 2011 | ZONDERLITE 84 | 670 | 740 | 2 | 110.44 |
| | | | | | 2 | 110.44 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 670 | | 1 | |
| | | | | | 1 | |
| | 2223 | NATO TEXT BIBLE 80 | 670 | | 4 | |
| | | | 670 | 720 | 13 | 107.46 |
| | | | 670 | 780 | 7 | 116.41 |
| | | | | | 24 | 92.16 |
| | 2506 | SOLITUDE OPAQUE | 630 | 650 | 1 | 103.17 |
| | | | 630 | 720 | 1 | 114.28 |
| | | | | | 2 | 108.72 |
| | 2542 | A P LIGHT WEIGHT | 670 | | 3 | |
| | | | 670 | 720 | 11 | 107.46 |
| | | | | | 14 | 84.43 |
| | 3835 | WHITE BOOK LITE | 740 | | 7 | |
| | | | 740 | 730 | 19 | 98.64 |
| | | | 740 | 740 | 14 | 100.00 |
| | | | 740 | 750 | 1 | 101.35 |
| | | | 740 | 760 | 2 | 102.70 |
| | | | 740 | 770 | 13 | 104.05 |
| | | | 740 | 780 | 5 | 105.40 |
| | | | | | 61 | 89.51 |
| | | | | | | 87.75 |

FORM 6183

85512

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 1000 | Q.P. OFFSET | 730 | 760 | 1 | 104.10 |
| | | | 730 | 780 | 11 | 106.84 |
| | | | | | 12 | 106.61 |
| | 1203 | A.M. PRIDE | 730 | | 2 | |
| | | | | | 2 | |
| | 1800 | PRIDE OPAQUE | 730 | 780 | 4 | 106.84 |
| | | | | | 4 | 106.84 |
| | 2204 | IMPERIAL BIBLE | 730 | 780 | 3 | 106.84 |
| | | | | | 3 | 106.84 |
| | 2228 | CW IMPERIAL BIBLE | 730 | 780 | 3 | 106.84 |
| | | | | | 3 | 106.84 |
| | 2240 | LAWYERS WHITE OFFSET | 730 | 780 | 2 | 106.84 |
| | | | | | 2 | 106.84 |
| | 2241 | LAWYERS OFFSET | 730 | | 4 | |
| | | | 730 | 780 | 5 | 106.84 |
| | | | | | 9 | 59.35 |
| | 2300 | MERRIAM DICTIONARY | 730 | | 1 | |
| | | | | | 1 | |
| | 2407 | SHAKESPEARE THIN | 730 | 780 | 1 | 106.84 |
| | | | | | 1 | 106.84 |
| | 2503 | SOLITUDE OPAQUE | 730 | | 5 | |
| | | | 730 | 750 | 30 | 102.73 |
| | | | 730 | 780 | 7 | 106.84 |
| | | | | | 42 | 91.18 |
| | 2513 | IBM SUPERIOR OFFSET | 720 | 780 | 8 | 108.33 |
| | | | | | 8 | 108.33 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 730 | | 1 | |
| | | | 730 | 780 | 7 | 106.84 |
| | | | | | 8 | 93.48 |
| | 3000 | SUPERIOR OFFSET | 720 | | 2 | |
| | | | 720 | 780 | 3 | 108.33 |
| | | | | | 5 | 64.99 |
| | 3001 | SUPERIOR OFFSET | 730 | | 1 | |
| | | | | | 1 | |
| | 3002 | SUPERIOR OFFSET | 730 | 780 | 1 | 106.84 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 1 | 106.84 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 400 | 400 | 8 | 100.00 |
| | | | 400 | 780 | 2 | 195.00 |
| | | | | | 10 | 119.00 |
| | 3830 | WHITE BOOKLITE | 730 | 780 | 3 | 106.84 |
| | | | | | 3 | 106.84 |
| | 6100 | WHITE CAP GUN STOCK | 590 | 650 | 2 | 110.16 |
| | | | | | 2 | 110.16 |
| | 7000 | CALENDAR PAD OFFSET | 720 | 780 | 5 | 108.33 |
| | | | | | 5 | 108.33 |
| | 7101 | K WHITE OFFSET | 730 | 780 | 3 | 106.84 |
| | | | | | 3 | 106.84 |
| | 7102 | K WHITE OFFSET | 730 | 750 | 5 | 102.73 |
| | | | 730 | 760 | 1 | 104.10 |
| | | | 730 | 780 | 3 | 106.84 |
| | | | | | 9 | 104.25 |
| | 7123 | BW K OFFSET - ANTIQUE | 650 | 720 | 2 | 110.76 |
| | | | | | 2 | 110.76 |
| | 7124 | BW K OFFSET - ANTIQUE | 590 | | 1 | |
| | | | | | 1 | |
| | | | | | | 93.65 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 201 | LAUREL TEXT R.S. | 720 | 740 | 6 | 102.77 |
| | | | 720 | 745 | 2 | 103.47 |
| | | | 720 | 760 | 2 | 105.55 |
| | | | | | 10 | 103.46 |
| | 203 | LAUREL TEXT - RS | 720 | 740 | 1 | 102.77 |
| | | | 720 | 760 | 4 | 105.55 |
| | | | | | 5 | 104.99 |
| | 253 | HWT - NON BLEED R.S. | 600 | 600 | 3 | 100.00 |
| | | | 600 | 750 | 1 | 125.00 |
| | | | | | 4 | 106.25 |
| | 273 | TYPE IV E DT BLADE BASE | 430 | 460 | 5 | 106.97 |
| | | | | | 5 | 106.97 |
| | 276 | TYPE IV E DT BLADE BASE | 550 | | 1 | |
| | | | 550 | 480 | 7 | 87.27 |
| | | | 550 | 500 | 12 | 90.90 |
| | | | 550 | 760 | 1 | 138.18 |
| | | | | | 21 | 87.61 |
| | 1202 | SPECIAL AM PRIDE | 720 | | 2 | |
| | | | 720 | 700 | 1 | 97.22 |
| | | | 720 | 745 | 1 | 103.47 |
| | | | 720 | 750 | 5 | 104.16 |
| | | | 720 | 760 | 4 | 105.55 |
| | | | 720 | 780 | 4 | 108.33 |
| | | | | | 17 | 92.76 |
| | 1800 | PRIDE OPAQUE | 720 | | 1 | |
| | | | | | 1 | |
| | 1833 | BW WH SPECIAL PRIDE | 720 | | 1 | |
| | | | 720 | 750 | 3 | 104.16 |
| | | | | | 4 | 78.12 |
| | 2005 | BRITE LITE THIN | 700 | 740 | 2 | 105.71 |
| | | | | | 2 | 105.71 |
| | 2102 | BRITISH OPAQUE | 720 | | 2 | |
| | | | 720 | 760 | 3 | 105.55 |
| | | | 720 | 780 | 3 | 108.33 |
| | | | | | 8 | 80.20 |
| | 2104 | BRITISH OPAQUE | 720 | | 2 | |
| | | | 720 | 750 | 2 | 104.16 |
| | | | 720 | 760 | 2 | 105.55 |
| | | | | | 6 | 69.90 |

85515

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2200 | IMPERIAL BIBLE | 700 | | 2 | |
| | | | 700 | 750 | 3 | 107.14 |
| | | | | | 5 | 64.28 |
| | 2204 | IMPERIAL BIBLE | 720 | 750 | 2 | 104.16 |
| | | | | | 2 | 104.16 |
| | 2236 | WHITE IMPERIAL BIBLE | 700 | 740 | 1 | 105.71 |
| | | | 700 | 750 | 15 | 107.14 |
| | | | | | 16 | 107.05 |
| | 2503 | SOLITUDE OPAQUE | 720 | | 1 | |
| | | | | | 1 | |
| | 2513 | IHM SUPERIOR OFFSET | 700 | | 1 | |
| | | | 700 | 700 | 3 | 100.00 |
| | | | 700 | 740 | 12 | 105.71 |
| | | | 700 | 750 | 1 | 107.14 |
| | | | | | 17 | 98.56 |
| | 7100 | K WHITE OFFSET | 700 | 750 | 3 | 107.14 |
| | | | | | 3 | 107.14 |
| | | | | | | 92.60 |

FORM 6183

SD 853516

PROGRAM: A4PS33C1 S C M A L L I E D P A P E R I N C. PAGE 8
RUN DATE: 04/28/81 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 6720 | PLUG WRAP | 600 | | 1 | |
| | | | | | 1 | |

FORM 6173

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 510 | | 21 | |
| | | | | | 21 | |
| | 533 | ELECTROSTATIC - AB DICK | 510 | | 1 | |
| | | | | | 1 | |

FORM 6123

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 801 | LAUREL TEXT | 1300 | | 10 | |
| | | | | | 10 | |
| | 802 | LAUREL TEXT | 1250 | | 1 | |
| | | | | | 1 | |
| | 803 | LAUREL TEXT | 1250 | | 6 | |
| | | | | | 6 | |
| | 805 | LAUREL TEXT | 1250 | | 2 | |
| | | | | | 2 | |
| | 812 | LAUREL TEXT | 1300 | | 1 | |
| | | | | | 1 | |
| | 846 | RAM KOTE | 1300 | | 2 | |
| | | | | | 2 | |
| | 853 | H W MASTER - NON BLEED II | 1000 | | 4 | |
| | | | | | 4 | |
| | 873 | MASTERBASE TYPE IV DTHW | 425 | | 3 | |
| | | | | | 3 | |
| | 876 | MASTERBASE TYPE IV DT | 320 | | 28 | |
| | | | | | 28 | |

FORM 8153

SD 85519

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 04/28/81
7B00I  OPTION ROUTE=LST                                                  0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1        0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7B00I  INPFIL BLKSIZE=4080                                               0013
7B00I  OUTFIL BLKSIZE=4080                                               0014
7B00I  END                                                               0015

7J03I SORT  COMPLETE, IN 667, OUT 667.
```

FORM 6183

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 04/28/81 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 116 | 114 | 7 | 98.27 |
| | | | 116 | 105 | 2 | 90.51 |
| | | | 116 | | 2 | |
| | | | | | 11 | 78.99 |
| | 2009 | ROYAL LITE | 116 | | 1 | |
| | | | | | 1 | |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 110 | 14 | 107.84 |
| | | | | | 14 | 107.84 |
| | 2223 | NATO TEXT BIBLE 80 | 102 | 108 | 13 | 105.88 |
| | | | 102 | | 1 | |
| | | | | | 14 | 98.31 |
| | 2224 | NATO TEXT 80 | 118 | 102 | 1 | 86.44 |
| | | | | | 1 | 86.44 |
| | 6400 | CIGARETTE TIPPING - CORK | 114 | 100 | 20 | 87.71 |
| | | | 114 | 99 | 10 | 86.84 |
| | | | 114 | 98 | 24 | 85.96 |
| | | | 114 | | 5 | |
| | | | | | 59 | 79.41 |
| | | | | 104 | | 85.27 |

FORM 6182

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A-B DICK RS | 144 | 136 | 9 | 94.44 |
| | | | | | 9 | 94.44 |
| | 1100 | E. B. NEW SHADE | 138 | 138 | 26 | 100.00 |
| | | | 138 | | 8 | |
| | | | | | 34 | 76.47 |
| | 2513 | IBM SUPERIOR OFFSET | 140 | 140 | 7 | 100.00 |
| | | | 140 | | 2 | |
| | | | | | 9 | 77.77 |
| | 3830 | WHITE BOOKLITE | 138 | 136 | 16 | 98.55 |
| | | | 138 | 126 | 5 | 91.30 |
| | | | 138 | | 4 | |
| | | | | | 25 | 81.33 |
| | 3833 | WHITE BOOK LITE | 136 | 128 | 12 | 94.11 |
| | | | 136 | | 2 | |
| | | | | | 14 | 80.66 |
| | 7100 | K WHITE OFFSET | 142 | | 1 | |
| | | | | | 1 | |
| | 7102 | K WHITE OFFSET | 142 | 144 | 1 | 101.40 |
| | | | 142 | 140 | 1 | 98.59 |
| | | | 142 | 134 | 2 | 94.36 |
| | | | 142 | 130 | 2 | 91.54 |
| | | | | | 6 | 95.79 |
| | 7104 | K WHITE OFFSET | 142 | 139 | 2 | 97.88 |
| | | | | | 2 | 97.88 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 11 | 100.00 |
| | | | | | 11 | 100.00 |
| | | | | 137 | | 82.70 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,19H1

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 205 | LAUREL TEXT R.S. | 126 | 125 | 2 | 99.20 |
| | | | | | 2 | 99.20 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 112 | | 1 | |
| | | | | | 1 | |
| | 2000 | BRITE LITE THIN | 132 | 128 | 3 | 96.96 |
| | | | 132 | | 1 | |
| | | | | | 4 | 72.72 |
| | 2009 | ROYAL LITE | 132 | | 1 | |
| | | | | | 1 | |
| | 2011 | ZONDERLITE 84 | 105 | 126 | 2 | 120.00 |
| | | | | | 2 | 120.00 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | | 1 | |
| | | | | | 1 | |
| | 2223 | NATO TEXT BIBLE 80 | 132 | 126 | 20 | 95.45 |
| | | | 132 | | 4 | |
| | | | | | 24 | 79.54 |
| | 2506 | SOLITUDE OPAQUE | 134 | 124 | 2 | 92.53 |
| | | | | | 2 | 92.53 |
| | 2542 | A P LIGHT WEIGHT | 133 | 124 | 6 | 93.23 |
| | | | 133 | 114 | 5 | 85.71 |
| | | | 133 | | 3 | |
| | | | | | 14 | 70.56 |
| | 3835 | WHITE BOOK LITE | 136 | 127 | 54 | 93.38 |
| | | | 136 | | 7 | |
| | | | | | 61 | 82.66 |
| | | | | 126 | | 79.05 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 1000 | Q.P. OFFSET | 114 | 114 | 10 | 100.00 |
| | | | 114 | 105 | 2 | 92.10 |
| | | | | | 12 | 98.68 |
| | 1203 | A.M. PRIDE | 120 | | 2 | |
| | | | | | 2 | |
| | 1800 | PRIDE OPAQUE | 110 | 114 | 2 | 103.63 |
| | | | 110 | 107 | 2 | 97.27 |
| | | | | | 4 | 100.45 |
| | 2204 | IMPERIAL BIBLE | 110 | 110 | 1 | 100.00 |
| | | | 110 | 108 | 2 | 98.18 |
| | | | | | 3 | 98.78 |
| | 2228 | CW IMPERIAL BIBLE | 112 | 112 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 2240 | LAWYERS WHITE OFFSET | 116 | 104 | 2 | 89.65 |
| | | | | | 2 | 89.65 |
| | 2241 | LAWYERS OFFSET | 110 | 108 | 5 | 98.18 |
| | | | 110 | | 4 | |
| | | | | | 9 | 54.54 |
| | 2300 | MERRIAM DICTIONARY | 112 | | 1 | |
| | | | | | 1 | |
| | 2407 | SHAKESPEARE THIN | 110 | 104 | 1 | 94.54 |
| | | | | | 1 | 94.54 |
| | 2503 | SOLITUDE OPAQUE | 110 | 118 | 4 | 107.27 |
| | | | 110 | 114 | 2 | 103.63 |
| | | | 110 | 106 | 28 | 96.36 |
| | | | 110 | 101 | 3 | 91.81 |
| | | | 110 | | 5 | |
| | | | | | 42 | 85.94 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 115 | 1 | 104.54 |
| | | | 110 | 112 | 2 | 101.81 |
| | | | 110 | 105 | 5 | 95.45 |
| | | | | | 8 | 98.17 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 118 | 2 | 112.38 |
| | | | 105 | 105 | 5 | 100.00 |
| | | | 105 | | 1 | |
| | | | | | 8 | 90.59 |
| | 3000 | SUPERIOR OFFSET | 110 | 105 | 2 | 95.45 |

FORM 6183

SB 855524

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 110 | 99 | 1 | 90.00 |
| | | | 110 | | 2 | |
| | | | | | 5 | 56.18 |
| | 3001 | SUPERIOR OFFSET | 110 | | 1 | |
| | | | | | 1 | |
| | 3002 | SUPERIOR OFFSET | 110 | 111 | 1 | 100.90 |
| | | | | | 1 | 100.90 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 114 | 1 | 95.00 |
| | | | 120 | 113 | 2 | 94.16 |
| | | | 120 | 111 | 2 | 92.50 |
| | | | 120 | 109 | 1 | 90.83 |
| | | | 120 | 107 | 2 | 89.16 |
| | | | 120 | 104 | 2 | 86.66 |
| | | | | | 10 | 91.07 |
| | 3830 | WHITE BOOKLITE | 110 | 110 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 6100 | WHITE CAP GUN STOCK | 108 | 113 | 2 | 104.62 |
| | | | | | 2 | 104.62 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 1 | 103.63 |
| | | | 110 | 110 | 3 | 100.00 |
| | | | 110 | 105 | 1 | 95.45 |
| | | | | | 5 | 99.81 |
| | 7101 | K WHITE OFFSET | 110 | 108 | 2 | 98.18 |
| | | | 110 | 105 | 1 | 95.45 |
| | | | | | 3 | 97.27 |
| | 7102 | K WHITE OFFSET | 110 | 112 | 2 | 101.81 |
| | | | 110 | 105 | 6 | 95.45 |
| | | | 110 | 102 | 1 | 92.72 |
| | | | | | 9 | 96.56 |
| | 7123 | BW K OFFSET - ANTIQUE | 110 | 94 | 2 | 85.45 |
| | | | | | 2 | 85.45 |
| | 7124 | BW K OFFSET - ANTIQUE | 110 | | 1 | |
| | | | | | 1 | |
| | | | | 108 | | 85.39 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 201 | LAUREL TEXT R.S. | 104 | 116 | 10 | 111.53 |
| | | | | | 10 | 111.53 |
| | 203 | LAUREL TEXT - RS | 104 | 108 | 3 | 103.84 |
| | | | 104 | 100 | 2 | 96.15 |
| | | | | | 5 | 100.76 |
| | 253 | HWT - NON BLEED R.S. | 104 | 117 | 3 | 112.50 |
| | | | 104 | 114 | 1 | 109.61 |
| | | | | | 4 | 111.77 |
| | 273 | TYPE IV E DT BLADE BASE | 104 | 119 | 1 | 114.42 |
| | | | 104 | 113 | 3 | 108.65 |
| | | | 104 | 105 | 1 | 100.96 |
| | | | | | 5 | 108.26 |
| | 276 | TYPE IV E DT BLADE BASE | 124 | 120 | 1 | 96.77 |
| | | | 124 | 119 | 1 | 95.96 |
| | | | 124 | 109 | 18 | 87.90 |
| | | | 124 | | 1 | |
| | | | | | 21 | 84.52 |
| | 1202 | SPECIAL AM PRIDE | 116 | 112 | 15 | 96.55 |
| | | | 116 | | 2 | |
| | | | | | 17 | 85.19 |
| | 1800 | PRIDE OPAQUE | 110 | | 1 | |
| | | | | | 1 | |
| | 1833 | BW WW SPECIAL PRIDE | 110 | 105 | 3 | 95.45 |
| | | | 110 | | 1 | |
| | | | | | 4 | 71.58 |
| | 2005 | WHITE LITE THIN | 110 | 102 | 2 | 92.72 |
| | | | | | 2 | 92.72 |
| | 2102 | BRITISH OPAQUE | 110 | 105 | 3 | 95.45 |
| | | | 110 | 103 | 3 | 93.63 |
| | | | 110 | | 2 | |
| | | | | | 8 | 70.90 |
| | 2104 | BRITISH OPAQUE | 110 | 111 | 4 | 100.90 |
| | | | 110 | | 2 | |
| | | | | | 6 | 67.76 |
| | 2200 | IMPERIAL BIBLE | 110 | 112 | 3 | 101.81 |
| | | | 110 | | 2 | |
| | | | | | 5 | 61.08 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2204 | IMPERIAL BIBLE | 110 | 107 | 2 | 97.27 |
| | | | | | 2 | 97.27 |
| | 2236 | WHITE IMPERIAL BIBLE | 110 | 98 | 16 | 89.09 |
| | | | | | 16 | 89.09 |
| | 2503 | SOLITUDE OPAQUE | 110 | | 1 | |
| | | | | | 1 | |
| | 2513 | IRM SUPERIOR OFFSET | 110 | 118 | 1 | 107.27 |
| | | | 110 | 114 | 7 | 103.63 |
| | | | 110 | 110 | 2 | 100.00 |
| | | | 110 | 103 | 6 | 93.63 |
| | | | 110 | | 1 | |
| | | | | | 17 | 93.79 |
| | 7100 | K WHITE OFFSET | 110 | 110 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | | | | 109 | | 87.34 |

FORM 6183

85572

PROGRAM: A4PS3401 S C M A L L I E D P A P E R I N C. PAGE 8
RUN DATE: 04/28/81 DAILY PRODUCTION SYSTEM

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 6720 | PLUG WRAP | 110 | | 1 | |

FORM 6183

PROGRAM: A4PS3401 S C M A L L I E D P A P E R I N C. PAGE 9
RUN DATE: 04/28/81 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 72 | 70 | 4 | 97.22 |
| | | | 72 | 67 | 14 | 93.05 |
| | | | 72 | | 3 | |
| | | | | | 21 | 80.55 |
| | 533 | ELECTROSTATIC - AB DICK | 72 | 67 | 1 | 93.05 |
| | | | | | 1 | 93.05 |
| | | | | 68 | | 81.11 |

FORM 6183

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 801 | LAUREL TEXT | 102 | 112 | 7 | 109.80 |
| | | | 102 | | 3 | |
| | | | | | 10 | 76.86 |
| | 802 | LAUREL TEXT | 102 | | 1 | |
| | | | | | 1 | |
| | 803 | LAUREL TEXT | 102 | 107 | 2 | 104.90 |
| | | | 102 | 105 | 2 | 102.94 |
| | | | 102 | 97 | 1 | 95.09 |
| | | | 102 | | 1 | |
| | | | | | 6 | 85.12 |
| | 805 | LAUREL TEXT | 102 | 122 | 1 | 119.60 |
| | | | 102 | | 1 | |
| | | | | | 2 | 59.80 |
| | 812 | LAUREL TEXT | 102 | | 1 | |
| | | | | | 1 | |
| | 846 | RAM KOTE | 102 | | 2 | |
| | | | | | 2 | |
| | 853 | H W MASTER - NON BLEED II | 102 | 114 | 3 | 111.76 |
| | | | 102 | 111 | 1 | 108.82 |
| | | | | | 4 | 111.02 |
| | 873 | MASTERBASE TYPE IV DTHW | 102 | 110 | 2 | 107.84 |
| | | | 102 | 102 | 1 | 100.00 |
| | | | | | 3 | 105.22 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 117 | 1 | 114.70 |
| | | | 102 | 116 | 1 | 113.72 |
| | | | 102 | 106 | 24 | 103.92 |
| | | | 102 | | 2 | |
| | | | | | 28 | 97.23 |
| | | | | 108 | | 85.63 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 04/28/81
7800I  OPTION ROUTE=LST                                                  0013
7800I  SORT FIELDS=(15,2,A,19,4,A),FORMAT=BI,WORK=1,FILES=2              0014
7800I  RECORD TYPE=F,LENGTH=(80,,80)                                     0015
7800I  INPFIL BLKSIZE=4080                                               0016
7800I  OUTFIL BLKSIZE=4080                                               0017
7800I  END                                                               0018

7J03I SORT  COMPLETE, IN 1557, OUT 1557.
```

| | | | | |
|---|---|---|---|---|
| 269200 | | | 269200 | 15 |
| 77600 | | | 77600 | 15 |
| 561480 | | | 561480 | 16 |
| | 622620 | 367070 | 989690 | 14 |
| | | 196410 | 196410 | 16 |
| | 133900 | 48510 | 182410 | 16 |
| | | 18500 | 18500 | 16 |
| | 25260 | | 25260 | 16 |
| 49050 | 27840 | 18720 | 95610 | 16 |
| | | 11280 | 11280 | 16 |
| 4960 | | | 4960 | 16 |
| 277510 | | | 277510 | 16 |
| 3460 | | | 3460 | 16 |
| 297600 | | | 297600 | 16 |
| 111520 | | | 111520 | 16 |
| 162470 | | | 162470 | 15 |
| 15910 | | | 15910 | 16 |
| 45040 | | | 45040 | 16 |
| 13610 | 15330 | | 28940 | 16 |
| 167320 | | | 167320 | 16 |
| 218550 | | | 218550 | 16 |
| 26750 | 49070 | | 75820 | 16 |
| 45660 | | | 45660 | 16 |

MARCH. 1981.

| | | | | | |
|---|---|---|---|---|---|
| | | *DE | CG* | TMI | |
| 1 | 2000 | 54250 | | 54050 | 15 |
| 2 | 2001 | 74640 | | 74640 | 15 |
| 3 | 2018 | 38860 | | 38860 | 16 |
| 4 | 2200 | 43200 | | 43200 | 16 |
| 5 | 2221 | 54500 | | 54500 | 15 |
| 6 | 2222 | 136970 | | 136970 | 15 |
| 7 | 2223 | 365900 | | 365900 | 16 |
| 8 | 2228 | 47630 | | 47630 | 16 |
| 9 | 6400 | 354620 | | 354620 | 07 |
| 10 | 0142 | 1170370 | 455530 | 455530 | 10 |
| 11 | 1100 | | 564920 | 564920 | 16 |
| 12 | 1202 | | 163640 | 163640 | 16 |
| 13 | 2104 | | 37880 | 37880 | 16 |
| 14 | 2513 | | 1257050 | 1257050 | 14 |
| 15 | 2516 | | 52190 | 52190 | 16 |
| 16 | 3022 | | 43340 | 43340 | 14 |
| 17 | 3830 | | 268950 | 268950 | 16 |
| 18 | 7100 | | 5520 | 5520 | 16 |
| 19 | 7101 | | 110800 | 110800 | 16 |
| 20 | 7102 | | 107020 | 107020 | 16 |
| 21 | 7103 | | 89170 | 89170 | 16 |
| 22 | 7104 | | 68960 | 68960 | 16 |
| 23 | 7201 | | 30140 | 30140 | 16 |
| 24 | 7202 | | 4200 | 4200 | [illegible] |
| 25 | 7204 | | 3840 | 3840 | [illegible] |
| 26 | 9001 | | 465080 | 465080 | — |
| 27 | 9002 | | 41840 | 41840 | — |
| 28 | 0204 | | 2770370 | | |
| 29 | 0205 | | | | |
| 30 | 0210 | | | | |
| 31 | 1803 | | | | |
| 32 | 2011 | | | | |
| 33 | 2012 | | | | |
| 34 | 2202 | | | | |
| 35 | 2203 | | | | |
| 36 | 2204 | | | | |
| 37 | 2216 | | | | |
| 38 | 2420 | | | 6[illegible] | |
| 39 | 2502 | | | | |
| 40 | 2532 | | | | |
| | | | | 4940440 | 1257 |

2002820
12

C. WILSON JONES COMPANY G7214 GREEN 7214 BUFF PAT APPL FOR

SA 853533

| | 2 | 3 | 4 | 6 |
|---|---|---|---|---|
| 1 | 3500 | | | |
| 2 | 3502 | | | |
| 3 | 1800 | | | |
| 4 | 2402 | | | |
| 5 | 2401 | | | |
| 6 | 2441 | | | |
| 7 | 2500 | | | |
| 8 | 2504 | | | |
| 9 | 2514 | | | |
| 10 | 3001 | | | |
| 11 | 3400 | | | |
| 12 | 7000 | | | |
| 13 | 7120 | | | |
| 14 | 7122 | | | |
| 15 | 0202 | | | |
| 16 | 0203 | | | |
| 17 | 0206 | | | |
| 18 | 0246 | | | |
| 19 | 0272 | | | |
| 20 | 0276 | | | |
| 21 | 1202 | | | |
| 22 | 1402 | | | |
| 23 | 2005 | | | |
| 24 | 2012 | | | |
| 25 | 2402 | | | |
| 26 | 3000 | | | |
| 27 | 3525 | | | |
| 28 | | | | |
| 29 | | | | |
| 30 | | | | |
| 31 | | | | |
| 32 | | | | |
| 33 | | | | |
| 34 | | | | |
| 35 | | | | |
| 36 | | | | |
| 37 | | | | |
| 38 | | | | |
| 39 | | | | |
| 40 | | | | |

| | | | | |
|---|---|---|---|---|
| [illegible] | | | 2500 | 19 |
| 56020 | | [illegible] | 85010 | 19 |
| [illegible] | 22640 | 115520 | 138170 | 16 |
| | 90430 | | 90430 | 16 |
| | 752910 | | 752910 | 16 |
| | 171080 | | 171080 | 16 |
| | 264260 | | 264260 | 16 |
| | 33270 | 37560 | 70830 | 16 |
| | 43380 | | 43380 | 16 |
| | 54440 | 47610 | 102050 | 16 |
| | 74760 | | 74760 | 03 |
| | 458160 | | 458160 | 16 |
| | 9240 | | 9240 | 14 |
| | 12420 | | 12420 | 14 |
| | 2860610 | 3450 | 3450 | 16 |
| | | 145280 | 145280 | 16 |
| | | 92210 | 92210 | 16 |
| | | 253700 | 253700 | 16 |
| | | 62780 | 62780 | 08 |
| | | 791500 | 791500 | 08 |
| | | 43820 | 43820 | 15 |
| | | 57090 | 57090 | 16 |
| | | 14510 | 14510 | 16 |
| | | 219500 | 219500 | 15 |
| | | 109360 | 109360 | 16 |
| | | 33660 | 33660 | 16 |
| | | 110870 | 110870 | 16 |
| | | 2738900 | | |

5205700
10

8006940 1471



5A 053535

PROGRAM: A4PS3302 — S C M A L L I E D P A P E R I N C. — PAGE 1
RUN DATE: 04/01/81 — DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 9 OF MONTH 03,1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 20.00 | 2000 | BRITE LITE THIN | 44.5 | 36.6 | 89.72 | 63684 | 54050 | 2050 | 52000 | 81.65 |
| 5 | 22.00 | 2001 | BRITE LITE THIN | 41.0 | 38.9 | 103.50 | 74688 | 74640 | | 74640 | 99.93 |
| 5 | 18.00 | 2018 | BRITE LITE THIN | 51.3 | 49.7 | 105.69 | 82503 | 38860 | 7390 | 31470 | 38.14 |
| 5 | 25.00 | 2200 | IMPERIAL BIBLE | 18.2 | 18.2 | 109.09 | 43213 | 43200 | | 43200 | 99.96 |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 37.6 | 33.4 | 96.91 | 58116 | 54500 | 2790 | 51710 | 88.97 |
| 5 | 20.00 | 2222 | BANK DIRECTORY | 87.5 | 79.6 | 99.24 | 148192 | 136970 | | 136970 | 92.42 |
| 5 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 198.4 | 182.4 | 100.29 | 361987 | 365900 | 2950 | 362950 | 100.26 |
| 5 | 30.00 | 2228 | CW IMPERIAL BIBLE | 27.0 | 21.9 | 88.48 | 62299 | 47630 | | 47630 | 76.45 |
| 5 | 28.00 | 2528 | A H DICTIONARY | | | | | | | | |
| 5 | 21.50 | 6400 | CIGARETTE TIPPING - | 292.0 | 268.7 | 100.39 | 421925 | 354620 | 9860 | 344760 | 81.71 |
| | 21.42 | | MACH TOTAL 1.09091 | 797.5 | 729.4 | 99.78 | 1316607 | 1170370 | 25040 | 1145330 | 86.99 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 84.2 | 80.0 | 103.65 | 414829 | 455530 | | 455530 | 109.81 |
| 6 | 38.00 | 1100 | E. B. NEW SHADE | 149.8 | 134.1 | 97.66 | 588475 | 564920 | 75000 | 489920 | 83.25 |
| 6 | 30.00 | 1203 | A.H. PRIDE | 44.3 | 42.4 | 104.41 | 133727 | 163640 | 11640 | 152000 | 113.66 |
| 6 | 35.00 | 2104 | BRITISH OPAQUE | 10.6 | 8.4 | 86.45 | 41336 | 37880 | | 37880 | 91.63 |
| 6 | 40.00 | 2519 | IBM SUPERIOR OFFSET | 220.9 | 204.1 | 100.79 | 1190526 | 1257050 | 36180 | 1220870 | 102.54 |
| 6 | 30.00 | 2516 | CELLUPAQUE | 11.1 | 10.8 | 106.14 | 49215 | 52190 | 970 | 51220 | 104.07 |
| 6 | 58.00 | 3022 | BW SUPERIOR OFFSET - | 7.0 | 7.0 | 109.09 | 50832 | 43340 | | 43340 | 85.26 |
| 6 | 38.00 | 3830 | WHITE BOOKLITE | 73.0 | 64.1 | 95.79 | 256832 | 268950 | 2700 | 266250 | 103.66 |
| 6 | 48.00 | 7100 | K WHITE OFFSET | 2.0 | 1.3 | 70.91 | 7933 | 5520 | | 5520 | 69.58 |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 17.0 | 16.2 | 103.96 | 103420 | 110800 | | 110800 | 107.13 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 15.2 | 14.1 | 101.20 | 96684 | 107020 | | 107020 | 110.69 |
| 6 | 55.00 | 7103 | K WHITE OFFSET | 11.8 | 11.8 | 109.09 | 82274 | 89170 | | 89170 | 108.38 |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 7.9 | 7.9 | 109.09 | 58529 | 68960 | | 68960 | 117.82 |
| 6 | 45.00 | 7201 | RAVENSWOOD OPAQUE | 5.0 | 4.4 | 96.00 | 28089 | 30140 | | 30140 | 107.30 |
| 6 | 50.00 | 7202 | RAVENSWOOD OPAQUE | .8 | .8 | 109.09 | 5690 | 4200 | | 4200 | 73.81 |
| 6 | 60.00 | 7204 | RAVENSWOOD OPAQUE | .9 | .9 | 109.09 | 6791 | 3840 | | 3840 | 56.54 |
| 6 | 39.50 | 9001 | DUPONT PAPER (BLUE) | 129.6 | 121.1 | 101.94 | 462403 | 465080 | 12870 | 452210 | 97.79 |
| 6 | 54.00 | 9002 | BLUE PAPER DD377388 | 14.4 | 13.9 | 109.38 | 45258 | 41840 | | 41840 | 92.44 |
| | 38.99 | | MACH TOTAL 1.09091 | 805.5 | 743.3 | 100.67 | 3622843 | 3770070 | 139360 | 3630710 | 100.21 |
| 7 | 43.00 | 204 | LAUREL TEXT R.S. | 1.6 | 1.1 | 75.00 | 5995 | 4960 | | 4960 | 82.73 |
| 7 | 48.00 | 205 | LAUREL TEXT R.S. | 53.4 | 52.6 | 107.46 | 276150 | 277510 | | 277510 | 100.49 |
| 7 | 32.00 | 212 | LAUREL TEXT R.S. | 1.2 | .9 | 81.82 | 3042 | 3460 | | 3460 | 113.74 |
| 7 | 33.00 | 1803 | PRIDE OPAQUE | 68.5 | 64.2 | 102.24 | 292670 | 297600 | 5200 | 292400 | 99.90 |
| 7 | 22.00 | 2001 | BRITE LITE THIN | 92.3 | 86.4 | 102.12 | 231823 | 269300 | 2480 | 266820 | 115.09 |
| 7 | 20.00 | 2011 | ZONDERLITE 84 | 54.7 | 46.4 | 92.54 | 102916 | 111580 | 2450 | 109130 | 106.03 |
| 7 | 23.00 | 2013 | BRITELITE THIN | 57.5 | 54.4 | 103.21 | 146008 | 162470 | 6010 | 156460 | 107.15 |
| 7 | 30.00 | 2202 | IMPERIAL BIBLE | 4.9 | 4.4 | 97.96 | 16230 | 15910 | | 15910 | 98.02 |
| 7 | 33.00 | 2203 | IMPERIAL BIBLE | 11.5 | 10.2 | 96.76 | 46498 | 45940 | | 45940 | 98.79 |
| 7 | 35.00 | 2204 | IMPERIAL BIBLE | 4.1 | 2.7 | 71.84 | 12648 | 13610 | | 13610 | 107.60 |
| 7 | 35.00 | 2216 | ALLIEDS #502 BIBLE | 39.7 | 36.8 | 98.92 | 160324 | 167320 | | 167320 | 104.36 |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 28.8 | 25.5 | 96.59 | 62321 | 77660 | 9310 | 68350 | 109.67 |
| 7 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 217.0 | 197.6 | 99.34 | 503128 | 561480 | 29380 | 532100 | 105.75 |
| 7 | 20.00 | 2420 | SPEC. SHAKESPEARE TH | 118.0 | 96.0 | 88.75 | 203885 | 218550 | 7460 | 211090 | 103.53 |
| 7 | 30.00 | 2503 | SOLITUDE OPAQUE | 6.0 | 5.9 | 107.27 | 23022 | 26750 | | 26750 | 116.19 |
| 7 | 35.00 | 2554 | SOLITUDE OPAQUE | 11.8 | 10.0 | 92.45 | 44651 | 45660 | | 45660 | 102.25 |

163304 - 3M
102.443

63326
64877

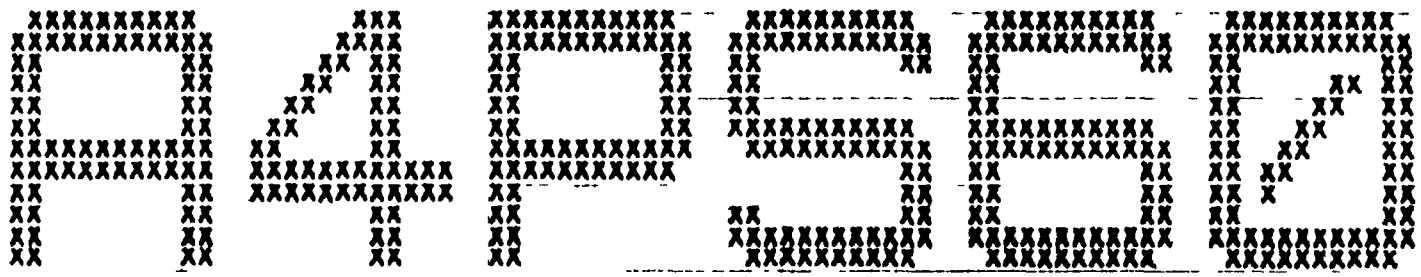
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

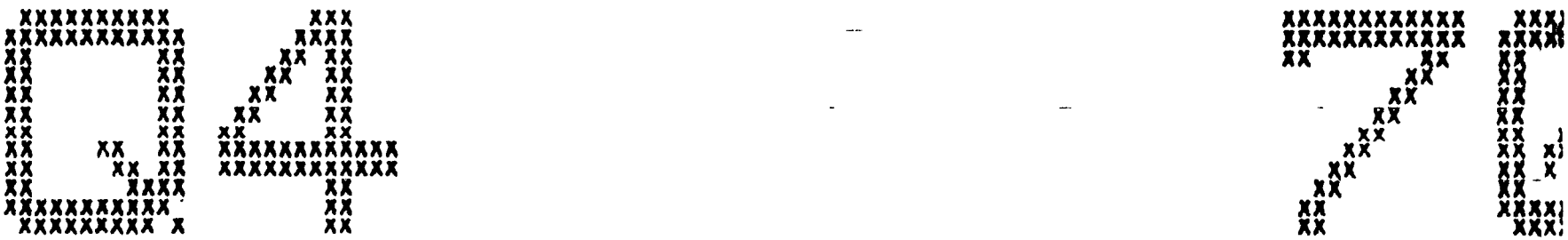
| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 40.00 | 3508 | SCHOOL COTE | 5.0 | 4.7 | 102.55 | 14314 | 2500 | | 2500 | 17.46 |
| 7 | 50.00 | 3502 | SCHOOL COTE | 13.1 | 12.1 | 100.76 | 54931 | 56030 | | 56030 | 102.00 |
| 7 | 30.00 | 3838 | WHITE BOOKLITE | | | | | | | | |
| 7 | 50.00 | 7102 | K WHITE OFFSET | 12.4 | 12.4 | 109.09 | 62137 | 49050 | | 49050 | 78.93 |
| | 28.73 | | MACH TOTAL 1.09091 | 801.5 | 723.5 | 98.47 | 2262693 | 2407340 | 62290 | 2345050 | 103.63 |
| 8 | 30.00 | 1808 | PRIDE OPAQUE | 9.5 | 6.8 | 78.09 | 24503 | 22640 | | 22640 | 92.39 |
| 8 | 30.00 | 2102 | BRITISH OPAQUE | 31.0 | 25.6 | 90.09 | 85482 | 90430 | 1240 | 89190 | 104.33 |
| 8 | 28.00 | 2202 | IMPERIAL BIBLE | 260.1 | 227.3 | 95.33 | 706983 | 752910 | 11780 | 741130 | 104.82 |
| 8 | 35.00 | 2204 | IMPERIAL BIBLE | 3.6 | 3.4 | 103.03 | 13096 | 15330 | | 15330 | 117.05 |
| 8 | 35.00 | 2242 | LAWYERS OFFSET | 44.4 | 41.8 | 102.70 | 156066 | 171080 | | 171080 | 109.62 |
| 8 | 30.00 | 2308 | MERRIAM DICTIONARY | 79.1 | 74.5 | 102.75 | 254694 | 264260 | 7270 | 256990 | 100.90 |
| 8 | 30.00 | 2503 | SOLITUDE OPAQUE | 22.2 | 15.5 | 76.17 | 52034 | 49070 | | 49070 | 94.30 |
| 8 | 35.00 | 2504 | SOLITUDE OPAQUE | 11.8 | 11.8 | 107.24 | 46770 | 33270 | 5510 | 27760 | 59.35 |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 146.0 | 130.8 | 97.14 | 557901 | 622220 | | 622220 | 111.52 |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 10.8 | 10.8 | 109.09 | 40824 | 43380 | | 43380 | 106.26 |
| 8 | 45.00 | 3001 | SUPERIOR OFFSET | 12.0 | 11.5 | 104.55 | 60829 | 54440 | | 54440 | 89.49 |
| 8 | 80.00 | 3400 | END LEAF OFFSET - HI | 17.0 | 16.5 | 105.88 | 84717 | 74760 | | 74760 | 88.24 |
| 8 | 30.00 | 3838 | WHITE BOOKLITE | 42.3 | 39.9 | 102.90 | 130690 | 133900 | | 133900 | 102.48 |
| 8 | 40.00 | 7000 | CALENDAR PAD OFFSET | 90.5 | 88.8 | 107.04 | 396579 | 458160 | | 458160 | 115.52 |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 5.9 | 4.8 | 104.73 | 22215 | 25260 | | 25260 | 113.70 |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 5.2 | 5.0 | 104.90 | 27498 | 27840 | | 27840 | 101.24 |
| 8 | 50.00 | 7122 | BW K OFFSET - ANTIQU | 1.8 | 1.6 | 96.97 | 8799 | 9240 | | 9240 | 105.01 |
| 8 | 60.00 | 7124 | BW K OFFSET - ANTIQU | 2.2 | 2.2 | 109.09 | 11220 | 12420 | | 12420 | 110.69 |
| | 35.82 | | MACH TOTAL 1.09091 | 794.5 | 717.6 | 98.53 | 2680860 | 2860610 | 25800 | 2834810 | 105.74 |
| 9 | 33.00 | 202 | LAUREL TEXT - RS | .9 | .9 | 109.09 | 3246 | 3450 | | 3450 | 106.28 |
| 9 | 38.00 | 205 | LAUREL TEXT - RS | 40.8 | 32.8 | 87.70 | 136495 | 145280 | | 145280 | 106.43 |
| 9 | 58.00 | 206 | LAUREL TEXT R.S. | 27.5 | 21.1 | 83.70 | 106300 | 92210 | 8890 | 83320 | 78.38 |
| 9 | 29.00 | 246 | RAM KOTE R.S. | 93.8 | 88.4 | 102.81 | 270515 | 253700 | | 253700 | 93.78 |
| 9 | 69.00 | 273 | TYPE IV E DT BLADE B | 15.0 | 13.8 | 100.36 | 61637 | 62780 | | 62780 | 101.85 |
| 9 | 68.00 | 276 | TYPE IV E DT BLADE B | 173.8 | 168.1 | 105.51 | 853124 | 791590 | 7590 | 784000 | 91.89 |
| 9 | 33.00 | 1202 | SPECIAL AM PRIDE | 11.8 | 11.1 | 102.62 | 39875 | 43820 | | 43820 | 109.89 |
| 9 | 28.00 | 1402 | BRITISH OPAQUE - SER | 22.5 | 19.5 | 94.55 | 62429 | 57090 | 3970 | 53120 | 85.08 |
| 9 | 30.00 | 1808 | PRIDE OPAQUE | 38.5 | 34.9 | 98.89 | 110726 | 115830 | 1150 | 114680 | 103.30 |
| 9 | 28.00 | 2005 | BRITE LITE THIN | 6.5 | 5.9 | 99.02 | 16609 | 14510 | | 14510 | 87.36 |
| 9 | 24.00 | 2210 | IMPERIAL BIBLE EF NA | 98.7 | 91.2 | 100.89 | 212584 | 219500 | 1250 | 218250 | 102.67 |
| 9 | 38.00 | 2405 | SHAKESPEARE THIN | 37.4 | 34.0 | 99.17 | 105728 | 109360 | 8070 | 101290 | 95.80 |
| 9 | 35.00 | 2504 | SOLITUDE OPAQUE | 9.4 | 9.0 | 104.45 | 34281 | 37560 | | 37560 | 109.56 |
| 9 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 83.9 | 81.2 | 105.58 | 337303 | 367070 | 1320 | 365750 | 108.43 |
| 9 | 30.00 | 2516 | CELLUPAQUE | 40.3 | 32.9 | 89.06 | 105015 | 106410 | | 106410 | 101.32 |
| 9 | 40.00 | 3000 | SUPERIOR OFFSET | 7.5 | 6.7 | 97.45 | 29037 | 33660 | | 33660 | 115.92 |
| 9 | 45.00 | 3001 | SUPERIOR OFFSET | 11.8 | 10.2 | 98.78 | 46492 | 47610 | 1420 | 46190 | 99.35 |
| 9 | 40.00 | 3508 | SCHOOL COTE | | | | | | | | |
| 9 | 50.00 | 3502 | SCHOOL COTE | 7.3 | 7.1 | 104.61 | 33254 | 29880 | | 29880 | 89.85 |
| 9 | 35.00 | 3535 | RAMKOTE II (SCHOOLCO | 43.4 | 38.7 | 97.20 | 143280 | 110870 | | 110870 | 77.37 |
| 9 | 30.00 | 3838 | WHITE BOOKLITE | 13.8 | 13.0 | 102.77 | 46633 | 48510 | | 48510 | 104.02 |
| 9 | 40.00 | 7100 | K WHITE OFFSET | 4.4 | 4.0 | 99.17 | 17020 | 18500 | | 18500 | 108.69 |

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 50.00 | 7102 | K WHITE OFFSET | 4:1 | 4:1 | 109.09 | 18021 | 18720 | | 18720 | 103.87 |
| 9 | 60.00 | 7104 | K WHITE OFFSET | 5:2 | 3:2 | 67.13 | 14315 | 11380 | | 11380 | 79.49 |
| | 42.90 | | MACH TOTAL 1.09091 | 798:0 | 731:7 | 100.03 | 2803899 | 2738990 | 33660 | 2705330 | 96.48 |
| | | | MILL TOTAL | 3997:0 | 3649:5 | 99.50 | 12806902 | 12947380 | 286150 | 12661230 | 99.79 |
| 10 | 21.00 | 2223 | NATO TEXT BIBLE 80 | | | | | | | | |
| | | | MACH TOTAL 1.11628 | | | | | | | | |
| 15 | 78.00 | 526 | ELECTROSTATIC -A 8 D | 186.5 | 176:7 | 104.55 | 869579 | 674810 | 18300 | 656510 | 98.04 |
| | 78.00 | | MACH TOTAL 1.10345 | 186.5 | 176:7 | 104.55 | 869579 | 674810 | 18300 | 656510 | 98.04 |
| 17 | 45.00 | 802 | LAUREL TEXT | :2 | :2 | 110.35 | 1486 | 4440 | | 4440 | 298.78 |
| 17 | 50.00 | 803 | LAUREL TEXT | 13:3 | 9:3 | 77.16 | 75715 | 49680 | 11040 | 38640 | 51.03 |
| 17 | 60.00 | 805 | LAUREL TEXT | 32:2 | 26:5 | 90.81 | 305193 | 273560 | | 273560 | 89.63 |
| 17 | 70.00 | 806 | LAUREL TEXT | 11:5 | 8:8 | 84.44 | 91146 | 72660 | 6510 | 66150 | 72.57 |
| 17 | 43.00 | 812 | LAUREL TEXT | :7 | :5 | 78.82 | 3449 | 4440 | | 4440 | 128.73 |
| 17 | 35.00 | 846 | RAM KOTE | 51:5 | 44:5 | 95.35 | 264719 | 265780 | 12050 | 253730 | 95.84 |
| 17 | 92.00 | 879 | MASTERBASE TYPE IV D | 23:6 | 20:3 | 94.92 | 103722 | 74645 | | 74645 | 71.96 |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV D | 338:6 | 316:6 | 103.79 | 1510006 | 1017400 | 35020 | 982380 | 65.05 |
| | 73.51 | | MACH TOTAL 1.10345 | 469:6 | 426:7 | 100.26 | 2355436 | 1762605 | 64620 | 1697985 | 72.08 |

MARCH. 1981





| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ********** | START | A4PS60 | 00070 | LAST | 01 | APR | 81 | 14.54.48 |
| ********** | START | A4PS60 | 00070 | LAST | 01 | APR | 81 | 14.54.48 |
| ********** | START | A4PS60 | 00070 | LAST | 01 | APR | 81 | 14.54.48 |
| ********** | START | A4PS60 | 00070 | LAST | 01 | APR | 81 | 14.54.48 |
| ********** | START | A4PS60 | 00070 | LAST | 01 | APR | 81 | 14.54.48 |
| ********** | START | A4PS60 | 00070 | LAST | 01 | APR | 81 | 14.54.48 |
| ********** | START | A4PS60 | 00070 | LAST | 01 | APR | 81 | 14.54.48 |
| ********** | START | A4PS60 | 00070 | LAST | 01 | APR | 81 | 14.54.48 |

A4P56Ø

Q4 7

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 04/01/81
7800I  OPTION ROUTE=LST                                                    0010
7800I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,50,3,PD,A),WORK=1,FILES=1          0011
7800I  RECORD TYPE=F,LENGTH=(80,,80)                                       0012
7800I  INPFIL BLKSIZE=4080                                                 0013
7800I  OUTFIL BLKSIZE=4080                                                 0014
7800I  END                                                                 0015

7J03I SORT  COMPLETE, IN 891, OUT 891.
```

SD 85554

PROGRAM: A4PS3301 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 04/01/81 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 2000 | BRITE LITE THIN | 620 | | 2 | |
| | | | 620 | 600 | 1 | 96.77 |
| | | | 620 | 620 | 4 | 100.00 |
| | | | 620 | 700 | 2 | 112.90 |
| | | | | | 9 | 80.78 |
| | 2001 | BRITE LITE THIN | 620 | 670 | 5 | 108.06 |
| | | | 620 | 680 | 1 | 109.67 |
| | | | | | 6 | 108.32 |
| | 2018 | BRITE LITE THIN | 600 | | 4 | |
| | | | 600 | 620 | 1 | 103.33 |
| | | | 600 | 650 | 2 | 108.33 |
| | | | 600 | 670 | 1 | 111.66 |
| | | | 600 | 700 | 5 | 116.66 |
| | | | | | 13 | 78.07 |
| | 2200 | IMPERIAL BIBLE | 600 | 700 | 3 | 116.66 |
| | | | | | 3 | 116.66 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 620 | | 2 | |
| | | | 620 | 620 | 2 | 100.00 |
| | | | 620 | 670 | 2 | 108.06 |
| | | | 620 | 700 | 3 | 112.90 |
| | | | | | 9 | 83.86 |
| | 2222 | BANK DIRECTORY | 620 | 670 | 6 | 108.06 |
| | | | 620 | 700 | 6 | 112.90 |
| | | | | | 12 | 110.48 |
| | 2223 | NATO TEXT BIBLE 80 | 620 | | 2 | |
| | | | 620 | 600 | 1 | 96.77 |
| | | | 620 | 620 | 4 | 100.00 |
| | | | 620 | 670 | 2 | 108.06 |
| | | | 620 | 700 | 24 | 112.90 |
| | | | | | 33 | 103.71 |
| | 2228 | CW IMPERIAL BIBLE | 600 | 600 | 3 | 100.00 |
| | | | 600 | 620 | 1 | 103.33 |
| | | | | | 4 | 100.83 |
| | 2528 | A H DICTIONARY | 600 | | 1 | |
| | | | | | 1 | |
| | 6400 | CIGARETTE TIPPING - CORK | 500 | | 6 | |
| | | | 500 | 500 | 38 | 100.00 |
| | | | | | 44 | 86.36 |
| | | | | | | 92.86 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 500 | 500 | 1 | 100.00 |
| | | | 500 | 520 | 13 | 104.00 |
| | | | 500 | 700 | 1 | 140.00 |
| | | | | | 15 | 106.13 |
| | 1100 | E. B. NEW SHADE | 750 | | 5 | |
| | | | 750 | 750 | 1 | 100.00 |
| | | | 750 | 760 | 19 | 101.33 |
| | | | | | 25 | 81.01 |
| | 1203 | A.M. PRIDE | 750 | | 3 | |
| | | | 600 | 650 | 1 | 108.33 |
| | | | 600 | 780 | 6 | 130.00 |
| | | | | | 10 | 88.83 |
| | 2104 | BRITISH OPAQUE | 750 | 700 | 1 | 93.33 |
| | | | 750 | 800 | 2 | 106.66 |
| | | | | | 3 | 102.21 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | | 3 | |
| | | | 740 | 740 | 3 | 100.00 |
| | | | 740 | 750 | 1 | 101.35 |
| | | | 740 | 760 | 11 | 102.70 |
| | | | 740 | 770 | 5 | 104.05 |
| | | | 740 | 780 | 20 | 105.40 |
| | | | | | 43 | 96.72 |
| | 2516 | CELLUPAQUE | 750 | | 1 | |
| | | | 750 | 800 | 3 | 106.66 |
| | | | | | 4 | 79.99 |
| | 3022 | BW SUPERIOR OFFSET - ANTIQUE | 700 | 730 | 1 | 104.28 |
| | | | | | 1 | 104.28 |
| | 3830 | WHITE BOOKLITE | 750 | | 1 | |
| | | | 750 | 730 | 1 | 97.33 |
| | | | 750 | 780 | 9 | 104.00 |
| | | | | | 11 | 93.93 |
| | 7100 | K WHITE OFFSET | 740 | 780 | 1 | 105.40 |
| | | | | | 1 | 105.40 |
| | 7101 | K WHITE OFFSET | 720 | 730 | 2 | 101.38 |
| | | | 720 | 790 | 1 | 104.16 |
| | | | | | 3 | 102.30 |
| | 7102 | K WHITE OFFSET | 700 | 730 | 4 | 104.28 |
| | | | | | 4 | 104.28 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7103 | K WHITE OFFSET | 670 | 700 | 3 | 104.47 |
| | | | | | 3 | 104.47 |
| | 7104 | K WHITE OFFSET | 620 | 700 | 4 | 112.90 |
| | | | | | 4 | 112.90 |
| | 7201 | RAVENSWOOD OPAQUE | 720 | 780 | 1 | 108.33 |
| | | | | | 1 | 108.33 |
| | 7202 | RAVENSWOOD OPAQUE | 700 | 700 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 7204 | RAVENSWOOD OPAQUE | 620 | 650 | 1 | 104.83 |
| | | | | | 1 | 104.83 |
| | 9001 | DUPONT PAPER (BLUE) | 600 | | 2 | |
| | | | 600 | 600 | 18 | 100.00 |
| | | | | | 20 | 90.00 |
| | 9002 | BLUE PAPER DD37138B | 600 | 600 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | | | | | | 94.32 |

SD 855546

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 204 | LAUREL TEXT R.S. | 720 | 780 | 1 | 108.33 |
| | | | | | 1 | 108.33 |
| | 205 | LAUREL TEXT R.S. | 620 | 620 | 1 | 100.00 |
| | | | 620 | 650 | 7 | 104.83 |
| | | | 620 | 760 | 1 | 122.58 |
| | | | | | 9 | 106.26 |
| | 212 | LAUREL TEXT R.S. | 750 | 780 | 1 | 104.00 |
| | | | | | 1 | 104.00 |
| | 1803 | PRIDE OPAQUE | 750 | | 1 | |
| | | | 750 | 710 | 1 | 94.66 |
| | | | 750 | 730 | 1 | 97.33 |
| | | | 750 | 750 | 1 | 100.00 |
| | | | 750 | 770 | 1 | 102.66 |
| | | | 750 | 780 | 7 | 104.00 |
| | | | | | 12 | 93.55 |
| | 2001 | BRITE LITE THIN | 670 | | 2 | |
| | | | 670 | 760 | 12 | 113.43 |
| | | | | | 14 | 97.22 |
| | 2011 | ZONDERLITE 84 | 670 | | 1 | |
| | | | 670 | 760 | 9 | 113.43 |
| | | | | | 10 | 102.06 |
| | 2013 | BRITELITE THIN | 680 | | 3 | |
| | | | 680 | 760 | 8 | 111.76 |
| | | | | | 11 | 81.28 |
| | 2202 | IMPERIAL BIBLE | 750 | 760 | 2 | 101.33 |
| | | | | | 2 | 101.33 |
| | 2203 | IMPERIAL BIBLE | 750 | 760 | 2 | 101.33 |
| | | | 750 | 780 | 1 | 104.00 |
| | | | | | 3 | 102.22 |
| | 2204 | IMPERIAL BIBLE | 740 | 760 | 2 | 102.70 |
| | | | | | 2 | 102.70 |
| | 2216 | ALLIEDS #502 BIBLE | 740 | 760 | 7 | 102.70 |
| | | | | | 7 | 102.70 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 670 | | 4 | |
| | | | 670 | 760 | 6 | 113.43 |
| | | | | | 10 | 68.05 |
| | 2223 | NATO TEXT BIBLE 80 | 670 | | 10 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 670 | 760 | 31 | 113.43 |
| | | | 670 | 780 | 3 | 116.41 |
| | | | | | 44 | 87.85 |
| | 2420 | SPEC. SHAKESPEARE THIN | 670 | | 4 | |
| | | | 620 | 760 | 19 | 122.58 |
| | | | | | 23 | 101.26 |
| | 2503 | SOLITUDE OPAQUE | 750 | 760 | 2 | 101.33 |
| | | | | | 2 | 101.33 |
| | 2554 | SOLITUDE OPAQUE | 740 | 760 | 3 | 102.70 |
| | | | | | 3 | 102.70 |
| | 3500 | SCHOOL COTE | 500 | 520 | 1 | 104.00 |
| | | | 500 | 550 | 1 | 110.00 |
| | | | | | 2 | 107.00 |
| | 3502 | SCHOOL COTE | 500 | 520 | 4 | 104.00 |
| | | | 500 | 540 | 1 | 108.00 |
| | | | | | 5 | 104.80 |
| | 3830 | WHITE BOOKLITE | 750 | | 1 | |
| | | | | | 1 | |
| | 7102 | K WHITE OFFSET | 580 | 600 | 4 | 103.44 |
| | | | | | 4 | 103.44 |
| | | | | | | 93.60 |

853548

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 1800 | PRIDE OPAQUE | 730 | 780 | 3 | 106.84 |
| | | | | | 3 | 106.84 |
| | 2102 | BRITISH OPAQUE | 730 | | 1 | |
| | | | 730 | 780 | 6 | 106.84 |
| | | | | | 7 | 91.57 |
| | 2201 | IMPERIAL BIBLE | 730 | | 5 | |
| | | | 730 | 780 | 35 | 106.84 |
| | | | | | 40 | 93.48 |
| | 2204 | IMPERIAL BIBLE | 730 | 780 | 1 | 106.84 |
| | | | | | 1 | 106.84 |
| | 2241 | LAWYERS OFFSET | 730 | 720 | 2 | 98.63 |
| | | | 730 | 780 | 5 | 106.84 |
| | | | | | 7 | 104.49 |
| | 2300 | MERRIAM DICTIONARY | 730 | | 2 | |
| | | | 730 | 780 | 11 | 106.84 |
| | | | 730 | 785 | 1 | 107.53 |
| | | | | | 14 | 91.62 |
| | 2503 | SOLITUDE OPAQUE | 730 | 780 | 5 | 106.84 |
| | | | | | 5 | 106.84 |
| | 2504 | SOLITUDE OPAQUE | 730 | | 2 | |
| | | | 730 | 780 | 1 | 102.73 |
| | | | 730 | 780 | 1 | 106.84 |
| | | | | | 4 | 52.39 |
| | 2513 | IBM SUPERIOR OFFSET | 720 | 750 | 1 | 104.16 |
| | | | 720 | 780 | 23 | 108.33 |
| | | | | | 24 | 108.15 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 730 | 780 | 2 | 106.84 |
| | | | | | 2 | 106.84 |
| | 3001 | SUPERIOR OFFSET | 730 | 760 | 1 | 104.10 |
| | | | 730 | 770 | 1 | 105.47 |
| | | | 730 | 780 | 1 | 106.84 |
| | | | | | 3 | 105.47 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 400 | 400 | 8 | 100.00 |
| | | | | | 8 | 100.00 |
| | 3830 | WHITE BOOKLITE | 730 | 780 | 7 | 106.84 |
| | | | | | 7 | 106.84 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7000 | CALENDAR PAD OFFSET | 720 | 780 | 12 | 108.33 |
| | | | | | 12 | 108.33 |
| | 7101 | K WHITE OFFSET | 730 | 780 | 3 | 106.84 |
| | | | | | 3 | 106.84 |
| | 7102 | K WHITE OFFSET | 730 | 750 | 2 | 102.73 |
| | | | | | 2 | 102.73 |
| | 7122 | BW K OFFSET - ANTIQUE | 730 | 720 | 1 | 98.63 |
| | | | | | 1 | 98.63 |
| | 7124 | BW K OFFSET - ANTIQUE | 890 | 620 | 1 | 105.08 |
| | | | | | 1 | 105.08 |
| | | | | | | 99.09 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 202 | LAUREL TEXT - RS | 720 | 760 | 1 | 105.55 |
| | | | | | 1 | 105.55 |
| | 203 | LAUREL TEXT - RS | 720 | 740 | 4 | 102.77 |
| | | | 720 | 760 | 6 | 105.55 |
| | | | | | 10 | 104.43 |
| | 206 | LAUREL TEXT R.S. | 560 | | 1 | |
| | | | 560 | 580 | 2 | 103.57 |
| | | | 560 | 600 | 2 | 107.14 |
| | | | | | 5 | 84.28 |
| | 246 | RAM KOTE R.S. | 700 | 750 | 13 | 107.14 |
| | | | | | 13 | 107.14 |
| | 273 | TYPE IV E DT BLADE BASE | 430 | 450 | 4 | 104.65 |
| | | | | | 4 | 104.65 |
| | 276 | TYPE IV E DT BLADE BASE | 550 | | 4 | |
| | | | 550 | 500 | 27 | 90.90 |
| | | | | | 31 | 79.17 |
| | 1202 | SPECIAL AM PRIDE | 720 | 760 | 9 | 105.55 |
| | | | | | 5 | 105.55 |
| | 1402 | BRITISH OPAQUE - SERVICE OFFSE | 700 | | 3 | |
| | | | 700 | 750 | 4 | 107.14 |
| | | | | | 7 | 61.22 |
| | 1800 | PRIDE OPAQUE | 720 | | 1 | |
| | | | 720 | 750 | 2 | 104.16 |
| | | | 720 | 760 | 4 | 105.55 |
| | | | 720 | 770 | 2 | 106.94 |
| | | | | | 9 | 93.82 |
| | 2005 | BRITE LITE THIN | 700 | 740 | 1 | 105.71 |
| | | | | | 1 | 105.71 |
| | 2210 | IMPERIAL BIBLE EF NAT RUB | 700 | | 1 | |
| | | | 700 | 750 | 15 | 107.14 |
| | | | | | 16 | 100.44 |
| | 2405 | SHAKESPEARE THIN | 720 | | 9 | |
| | | | 720 | 750 | 8 | 104.16 |
| | | | | | 13 | 64.09 |
| | 2504 | SOLITUDE OPAQUE | 720 | 770 | 3 | 106.94 |
| | | | | | 3 | 106.94 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2513 | IBM SUPERIOR OFFSET | 700 | | 2 | |
| | | | 700 | 740 | 12 | 105.71 |
| | | | 700 | 760 | 4 | 108.57 |
| | | | 700 | 770 | 1 | 110.00 |
| | | | | | 19 | 95.41 |
| | 2516 | CELLUPAQUE | 720 | 760 | 6 | 105.55 |
| | | | | | 6 | 105.55 |
| | 3000 | SUPERIOR OFFSET | 700 | 740 | 2 | 105.71 |
| | | | | | 2 | 105.71 |
| | 3001 | SUPERIOR OFFSET | 670 | | 1 | |
| | | | 670 | 720 | 2 | 107.46 |
| | | | 670 | 740 | 1 | 110.44 |
| | | | | | 4 | 81.34 |
| | 3500 | SCHOOL COTE | 700 | | 1 | |
| | | | | | 1 | |
| | 3502 | SCHOOL COTE | 630 | 580 | 3 | 92.06 |
| | | | | | 3 | 92.06 |
| | 3535 | RAMKOTE II (SCHOOLCOTE) | 720 | 640 | 1 | 88.88 |
| | | | 720 | 670 | 4 | 93.05 |
| | | | 720 | 760 | 1 | 105.55 |
| | | | | | 6 | 94.43 |
| | 3830 | WHITE BOOKLITE | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 7100 | K WHITE OFFSET | 700 | 740 | 2 | 105.71 |
| | | | | | 2 | 105.71 |
| | 7102 | K WHITE OFFSET | 630 | 650 | 2 | 103.17 |
| | | | | | 2 | 103.17 |
| | 7104 | K WHITE OFFSET | 550 | 500 | 2 | 90.90 |
| | | | | | 2 | 90.90 |
| | | | | | | 90.66 |

PROGRAM: A4PS33G1 S C M A L L I E D P A P E R I N C. PAGE 11
RUN DATE: 04/01/81 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2223 | NATO TEXT BIBLE 80 | 650 | | 2 | |
| | | | | | 2 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 19 | 526 | ELECTROSTATIC -A B DICK | 510 | | 37 | |
| | | | | | 37 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 802 | LAUREL TEXT | 1250 | | 1 | |
| | | | | | 1 | |
| | 803 | LAUREL TEXT | 1250 | | 6 | |
| | | | | | 6 | |
| | 805 | LAUREL TEXT | 1250 | | 5 | |
| | | | | | 5 | |
| | 806 | LAUREL TEXT | 1100 | | 4 | |
| | | | | | 4 | |
| | 812 | LAUREL TEXT | 1300 | | 1 | |
| | | | | | 1 | |
| | 846 | RAM KOTE | 1300 | | 11 | |
| | | | | | 11 | |
| | 873 | MASTERBASE TYPE IV DTHW | 425 | | 5 | |
| | | | | | 5 | |
| | 876 | MASTERBASE TYPE IV DT | 320 | | 56 | |
| | | | | | 56 | |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 04/01/81
7800I  OPTION ROUTE=LST                                                  0010
7800I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1        0011
7800I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7800I  INPFIL BLKSIZE=4080                                               0013
7800I  OUTFIL BLKSIZE=4080                                               0014
7800I  END                                                               0015

7J03I SORT  COMPLETE, IN 891, OUT 891.
```

PROGRAM: A4PS3401 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 04/01/81 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 2000 | BRITE LITE THIN | 110 | 100 | 7 | 90.90 |
| | | | 110 | | 2 | |
| | | | | | 9 | 70.70 |
| | 2001 | BRITE LITE THIN | 110 | 100 | 6 | 90.90 |
| | | | | | 6 | 90.90 |
| | 2018 | BRITE LITE THIN | 110 | 112 | 1 | 101.81 |
| | | | 110 | 109 | 8 | 99.09 |
| | | | 110 | | 4 | |
| | | | | | 13 | 68.81 |
| | 2200 | IMPERIAL BIBLE | 110 | 112 | 3 | 101.81 |
| | | | | | 3 | 101.81 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 100 | 7 | 98.03 |
| | | | 102 | | 2 | |
| | | | | | 9 | 76.24 |
| | 2222 | BANK DIRECTORY | 102 | 107 | 12 | 104.90 |
| | | | | | 12 | 104.90 |
| | 2223 | NATO TEXT BIBLE 80 | 102 | 111 | 2 | 108.82 |
| | | | 102 | 108 | 26 | 105.88 |
| | | | 102 | 105 | 3 | 102.94 |
| | | | 102 | | 2 | |
| | | | | | 33 | 99.37 |
| | 2228 | CW IMPERIAL BIBLE | 112 | 112 | 4 | 100.00 |
| | | | | | 4 | 100.00 |
| | 2528 | A H DICTIONARY | 110 | | 1 | |
| | | | | | 1 | |
| | 6400 | CIGARETTE TIPPING - CORK | 114 | 101 | 3 | 88.59 |
| | | | 114 | 100 | 39 | 87.71 |
| | | | 114 | | 6 | |
| | | | | | 44 | 75.80 |
| | | | | 105 | | 84.63 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 144 | 139 | 3 | 96.52 |
| | | | 144 | 133 | 12 | 92.36 |
| | | | | | 15 | 93.19 |
| | 1100 | E. B. NEW SHADE | 138 | 138 | 20 | 100.00 |
| | | | 138 | | 5 | |
| | | | | | 29 | 80.00 |
| | 1203 | A.M. PRIDE | 120 | 122 | 7 | 101.66 |
| | | | 120 | | 3 | |
| | | | | | 10 | 71.16 |
| | 2104 | BRITISH OPAQUE | 138 | 133 | 3 | 96.37 |
| | | | | | 3 | 96.37 |
| | 2513 | IRM SUPERIOR OFFSET | 140 | 142 | 1 | 101.42 |
| | | | 140 | 140 | 33 | 100.00 |
| | | | 140 | 134 | 3 | 95.71 |
| | | | 140 | 128 | 2 | 91.42 |
| | | | 140 | 124 | 1 | 88.57 |
| | | | 140 | | 3 | |
| | | | | | 43 | 92.09 |
| | 2516 | CELLOPAQUE | 140 | 147 | 2 | 105.00 |
| | | | 140 | 128 | 1 | 91.42 |
| | | | 140 | | 1 | |
| | | | | | 4 | 75.35 |
| | 3022 | BW SUPERIOR OFFSET - ANTIQUE | 142 | 147 | 1 | 103.52 |
| | | | | | 1 | 103.52 |
| | 3830 | WHITE BOOKLITE | 138 | 126 | 10 | 91.30 |
| | | | 138 | | 1 | |
| | | | | | 11 | 83.00 |
| | 7100 | K WHITE OFFSET | 142 | 146 | 1 | 102.81 |
| | | | | | 1 | 102.81 |
| | 7101 | K WHITE OFFSET | 142 | 140 | 3 | 98.59 |
| | | | | | 3 | 98.59 |
| | 7102 | K WHITE OFFSET | 142 | 140 | 2 | 98.59 |
| | | | 142 | 138 | 2 | 97.18 |
| | | | | | 4 | 97.88 |
| | 7103 | K WHITE OFFSET | 142 | 135 | 2 | 95.07 |
| | | | 142 | 132 | 1 | 92.95 |
| | | | | | 3 | 94.36 |

PROGRAM: A4PS3401 S C M A L L I E D P A P E R I N C. PAGE 3
RUN DATE: 04/01/81 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7104 | K WHITE OFFSET | 142 | 145 | 1 | 102.11 |
| | | | 142 | 140 | 3 | 98.59 |
| | | | | | 4 | 99.47 |
| | 7201 | RAVENSWOOD OPAQUE | 140 | 140 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 7202 | RAVENSWOOD OPAQUE | 140 | 144 | 1 | 102.85 |
| | | | | | 1 | 102.85 |
| | 7204 | RAVENSWOOD OPAQUE | 140 | 144 | 1 | 102.85 |
| | | | | | 1 | 102.85 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 18 | 100.00 |
| | | | 148 | | 2 | |
| | | | | | 20 | 90.00 |
| | 9002 | BLUE PAPER DD371388 | 148 | 148 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | | | | 138 | | 88.50 |

SA 853559

PROGRAM: A4PS3401 S C M A L L I E D P A P E R I N C. PAGE 4
RUN DATE: 04/01/81 DAILY PRODUCTION STSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 204 | LAUREL TEXT R.S. | 126 | 125 | 1 | 99.20 |
| | | | | | 1 | 99.20 |
| | 209 | LAUREL TEXT R.S. | 126 | 125 | 9 | 99.20 |
| | | | | | 9 | 99.20 |
| | 212 | LAUREL TEXT R.S. | 126 | 100 | 1 | 79.36 |
| | | | | | 1 | 79.36 |
| | 1803 | PRIDE OPAQUE | 136 | 131 | 11 | 96.32 |
| | | | 136 | | 1 | |
| | | | | | 12 | 88.29 |
| | 2001 | BRITE LITE THIN | 132 | 129 | 12 | 97.72 |
| | | | 132 | | 2 | |
| | | | | | 14 | 83.76 |
| | 2011 | ZONDERLITE 84 | 105 | 120 | 7 | 114.28 |
| | | | 105 | 102 | 2 | 97.14 |
| | | | 105 | | 1 | |
| | | | | | 10 | 99.42 |
| | 2013 | BRITELITE THIN | 132 | 122 | 8 | 92.42 |
| | | | 132 | | 3 | |
| | | | | | 11 | 67.21 |
| | 2202 | IMPERIAL BIBLE | 134 | 116 | 2 | 86.56 |
| | | | | | 2 | 86.56 |
| | 2203 | IMPERIAL BIBLE | 134 | 131 | 3 | 97.76 |
| | | | | | 3 | 97.76 |
| | 2204 | IMPERIAL BIBLE | 134 | 128 | 2 | 95.52 |
| | | | | | 2 | 95.52 |
| | 2216 | ALLIEDS #502 BIBLE | 134 | 122 | 5 | 91.04 |
| | | | 134 | 121 | 2 | 90.29 |
| | | | | | 7 | 90.82 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 130 | 6 | 98.48 |
| | | | 132 | | 4 | |
| | | | | | 10 | 59.08 |
| | 2223 | NATO TEXT BIBLE 80 | 132 | 134 | 6 | 101.51 |
| | | | 132 | 128 | 20 | 96.96 |
| | | | 132 | 126 | 3 | 95.45 |
| | | | 132 | 123 | 5 | 93.18 |
| | | | 132 | | 10 | |
| | | | | | 44 | 75.01 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2420 | SPEC. SHAKESPEARE THIN | 109 | 119 | 19 | 113.33 |
| | | | 105 | | 4 | |
| | | | | | 23 | 93.62 |
| | 2503 | SOLITUDE OPAQUE | 134 | 123 | 1 | 91.79 |
| | | | 134 | 122 | 1 | 91.04 |
| | | | | | 2 | 91.41 |
| | 2554 | SOLITUDE OPAQUE | 134 | 122 | 3 | 91.04 |
| | | | | | 3 | 91.04 |
| | 3500 | SCHOOL COTE | 120 | 108 | 2 | 90.00 |
| | | | | | 2 | 90.00 |
| | 3502 | SCHOOL COTE | 120 | 134 | 2 | 111.66 |
| | | | 120 | 126 | 3 | 105.00 |
| | | | | | 5 | 107.66 |
| | 3830 | WHITE BOOKLITE | 134 | | 1 | |
| | | | | | 1 | |
| | 7102 | K WHITE OFFSET | 136 | 123 | 2 | 90.44 |
| | | | 136 | 122 | 2 | 89.70 |
| | | | | | 4 | 90.07 |
| | | | | 126 | | 83.79 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 1800 | PRIDE OPAQUE | 110 | 117 | 3 | 106.36 |
| | | | | | 3 | 106.36 |
| | 2102 | BRITISH OPAQUE | 110 | 112 | 4 | 101.81 |
| | | | 110 | 105 | 2 | 95.45 |
| | | | 110 | | 1 | |
| | | | | | 7 | 85.44 |
| | 2201 | IMPERIAL BIBLE | 110 | 108 | 35 | 98.18 |
| | | | 110 | | 5 | |
| | | | | | 40 | 85.90 |
| | 2204 | IMPERIAL BIBLE | 110 | 107 | 1 | 97.27 |
| | | | | | 1 | 97.27 |
| | 2241 | LAWYERS OFFSET | 110 | 104 | 6 | 94.54 |
| | | | 110 | 100 | 1 | 90.90 |
| | | | | | 7 | 94.02 |
| | 2300 | MERRIAM DICTIONARY | 112 | 111 | 12 | 99.10 |
| | | | 112 | | 2 | |
| | | | | | 14 | 84.94 |
| | 2503 | SOLITUDE OPAQUE | 110 | 109 | 5 | 99.09 |
| | | | | | 5 | 99.09 |
| | 2504 | SOLITUDE OPAQUE | 110 | 112 | 2 | 101.81 |
| | | | 110 | | 2 | |
| | | | | | 4 | 50.90 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 110 | 2 | 100.00 |
| | | | 110 | 107 | 5 | 97.27 |
| | | | 110 | 105 | 17 | 95.45 |
| | | | | | 24 | 96.20 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 105 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 3001 | SUPERIOR OFFSET | 110 | 114 | 3 | 103.63 |
| | | | | | 3 | 103.63 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 118 | 2 | 98.33 |
| | | | 120 | 117 | 1 | 97.50 |
| | | | 120 | 114 | 1 | 95.00 |
| | | | 120 | 110 | 1 | 91.66 |
| | | | 120 | 109 | 2 | 90.83 |
| | | | 120 | 106 | 1 | 88.33 |
| | | | | | 8 | 93.85 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3930 | WHITE BOOKLITE | 110 | 120 | 3 | 109.09 |
| | | | 110 | 99 | 4 | 90.00 |
| | | | | | 7 | 98.18 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 110 | 12 | 100.00 |
| | | | | | 12 | 100.00 |
| | 7101 | K WHITE OFFSET | 110 | 105 | 1 | 95.45 |
| | | | 110 | 93 | 2 | 84.54 |
| | | | | | 3 | 88.17 |
| | 7102 | K WHITE OFFSET | 110 | 107 | 2 | 97.27 |
| | | | | | 2 | 97.27 |
| | 7122 | BW K OFFSET - ANTIQUE | 110 | 107 | 1 | 97.27 |
| | | | | | 1 | 97.27 |
| | 7124 | BW K OFFSET - ANTIQUE | 110 | 102 | 1 | 92.72 |
| | | | | | 1 | 92.72 |
| | | | | 108 | | 91.00 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 202 | LAUREL TEXT - RS | 104 | 108 | 1 | 103.84 |
| | | | | | 1 | 103.84 |
| | 203 | LAUREL TEXT - RS | 104 | 109 | 4 | 104.80 |
| | | | 104 | 108 | 5 | 103.84 |
| | | | 104 | 102 | 1 | 98.07 |
| | | | | | 10 | 103.64 |
| | 206 | LAUREL TEXT R.S. | 104 | 110 | 4 | 105.76 |
| | | | 104 | | 1 | |
| | | | | | 5 | 84.60 |
| | 246 | RAM KOTE R.S. | 104 | 107 | 13 | 102.88 |
| | | | | | 13 | 102.88 |
| | 273 | TYPE IV E DT BLADE BASE | 104 | 113 | 2 | 108.65 |
| | | | 104 | 105 | 2 | 100.96 |
| | | | | | 4 | 104.80 |
| | 276 | TYPE IV E DT BLADE BASE | 124 | 114 | 1 | 91.93 |
| | | | 124 | 109 | 24 | 87.90 |
| | | | 124 | 107 | 3 | 86.29 |
| | | | 124 | | 3 | |
| | | | | | 31 | 79.36 |
| | 1202 | SPECIAL AM PRIDE | 116 | 109 | 3 | 93.96 |
| | | | 116 | 105 | 2 | 90.51 |
| | | | | | 5 | 92.88 |
| | 1402 | BRITISH OPAQUE - SERVICE OFFSE | 116 | 116 | 4 | 100.00 |
| | | | 116 | | 3 | |
| | | | | | 7 | 57.14 |
| | 1800 | PRIDE OPAQUE | 110 | 107 | 3 | 97.27 |
| | | | 110 | 104 | 3 | 94.54 |
| | | | 110 | 102 | 2 | 92.72 |
| | | | 110 | | 1 | |
| | | | | | 9 | 84.54 |
| | 2005 | BRITE LITE THIN | 110 | 102 | 1 | 92.72 |
| | | | | | 1 | 92.72 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 96 | 116 | 3 | 120.83 |
| | | | 96 | 96 | 12 | 100.00 |
| | | | 96 | | 1 | |
| | | | | | 16 | 97.65 |
| | 2405 | SHAKESPEARE THIN | 110 | 107 | 5 | 97.27 |
| | | | 110 | 99 | 3 | 90.00 |

85X564

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 110 | | 5 | |
| | | | | | 13 | 58.18 |
| | 2504 | SOLITUDE OPAQUE | 110 | 107 | 3 | 97.27 |
| | | | | | 3 | 97.27 |
| | 2513 | IRM SUPERIOR OFFSET | 110 | 107 | 4 | 97.27 |
| | | | 110 | 105 | 13 | 95.45 |
| | | | 110 | | 2 | |
| | | | | | 19 | 85.78 |
| | 2516 | CELLUPAQUE | 114 | 105 | 6 | 92.10 |
| | | | | | 6 | 92.10 |
| | 3000 | SUPERIOR OFFSET | 110 | 110 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 3001 | SUPERIOR OFFSET | 110 | 107 | 3 | 97.27 |
| | | | 110 | | 1 | |
| | | | | | 4 | 72.95 |
| | 3500 | SCHOOL COTE | 105 | | 1 | |
| | | | | | 1 | |
| | 3502 | SCHOOL COTE | 105 | 107 | 3 | 101.90 |
| | | | | | 3 | 101.90 |
| | 3535 | RAMKOTE II (SCHOOLCOTE) | 110 | 104 | 6 | 94.54 |
| | | | | | 6 | 94.54 |
| | 3630 | WHITE BOOKLITE | 110 | 118 | 2 | 107.27 |
| | | | | | 2 | 107.27 |
| | 7100 | K WHITE OFFSET | 110 | 108 | 2 | 98.18 |
| | | | | | 2 | 98.18 |
| | 7102 | K WHITE OFFSET | 110 | 99 | 2 | 90.00 |
| | | | | | 2 | 90.00 |
| | 7104 | K WHITE OFFSET | 110 | 96 | 2 | 87.27 |
| | | | | | 2 | 87.27 |
| | | | | 107 | | 86.34 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2223 | NATO TEXT BIBLE 80 | 106 | | 2 | |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 72 | 73 | 4 | 101.38 |
| | | | 72 | 69 | 2 | 95.83 |
| | | | 72 | 67 | 20 | 93.05 |
| | | | 72 | 63 | 1 | 87.50 |
| | | | 72 | 57 | 1 | 79.16 |
| | | | 72 | | 9 | |
| | | | | | 37 | 70.94 |
| | | | | 68 | | 70.94 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 802 | LAUREL TEXT | 102 | 105 | 1 | 102.94 |
| | | | | | 1 | 102.94 |
| | 803 | LAUREL TEXT | 102 | 105 | 2 | 102.94 |
| | | | 102 | 99 | 1 | 97.05 |
| | | | 102 | | 3 | |
| | | | | | 6 | 50.48 |
| | 805 | LAUREL TEXT | 102 | 122 | 5 | 119.60 |
| | | | | | 5 | 119.60 |
| | 806 | LAUREL TEXT | 102 | 107 | 2 | 104.90 |
| | | | 102 | | 2 | |
| | | | | | 4 | 52.45 |
| | 812 | LAUREL TEXT | 102 | 98 | 1 | 96.07 |
| | | | | | 1 | 96.07 |
| | 846 | RAM KOTE | 102 | 104 | 7 | 101.96 |
| | | | 102 | | 4 | |
| | | | | | 11 | 64.88 |
| | 873 | MASTERBASE TYPE IV DTHW | 102 | 110 | 2 | 107.84 |
| | | | 102 | 102 | 3 | 100.00 |
| | | | | | 5 | 103.13 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 111 | 2 | 108.82 |
| | | | 102 | 110 | 2 | 107.84 |
| | | | 102 | 106 | 4 | 103.92 |
| | | | 102 | 104 | 3 | 101.96 |
| | | | 102 | | 45 | |
| | | | | | 56 | 89.28 |
| | | | | 108 | | 84.70 |

85558

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 04/01/81
7H00I  OPTION ROUTE=LST                                                0013
7H00I  SORT FIELDS=(15,2,A,19,4,A),FORMAT=BI,WORK=1,FILES=2            0014
7H00I  RECORD TYPE=F,LENGTH=(80,,80)                                   0015
7H00I  INPFIL BLKSIZE=4080                                             0016
7H00I  OUTFIL BLKSIZE=4080                                             0017
7H00I  END                                                             0018

7J03I SORT  COMPLETE, IN 2178, OUT 2178.
```

| | | | | | |
|---|---|---|---|---|---|
| | | | | 161 | |
| 64[illegible] | | | 64[illegible] | 15 | |
| | | | | 161 | |
| | | | | 161 | |
| | | | | 07 | × |
| | | | | 10 | |
| | | | | 161 | |
| | | | | 16 | |
| | | 4250 | 4250 | 161 | |
| | | | | 16 | |
| | 189[illegible] | | 18[illegible] | 14 | |
| | 16160 | | 16160 | 161 | |
| | | | | 161 | |
| | | | | 161 | |
| | 10640 | | 10640 | 16 | |
| | 51720 | 44120 | 95840 | 16 | |
| | 194920 | | 194920 | 16 | |
| | | | | 14 | |
| | | | | — | |
| 100850 | | | 100850 | 16 | |
| 19110 | | | 19110 | 16 | |
| 98880 | | | 98880 | 15 | |
| 252860 | | | 252860 | 16 | |
| 52560 | 22630 | | 75150 | 16 | |
| 469130 | | | 469130 | 16 | |
| 53050 | 270850 | | 323900 | 16 | |
| 52720 | 8600 | | 61320 | 16 | |
| 5550 | | | 5550 | 16 | |
| 44100 | 32800 | | 76900 | 14 | |
| 1798080 | 27980 | 5860 | 86500 | 16 | ✓ |
| | 45310 | 83200 | 128510 | 16 | |
| | 78300 | | 78300 | 16 | |
| | 44720 | | 44720 | 16 | |
| | 60590 | | 60590 | 16 | |
| | 17140 | | 17140 | 16 | |
| | 12600 | 52490 | 65090 | 16 | |
| | 101940 | 73230 | 175170 | 16 | |
| | 39790 | | 39790 | 16 | |
| | 42130 | | 42130 | 16 | |
| | 233610 | | 233610 | 03 | |

1 7000
2 7104
3 7124
4 7212
5 0253
6 0273
7 0276
8 1402
9 1800
10 1805
11 1810
12 2002
13 2210
14 2405
15 2407
16 2505
17 2513
18 7138
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40

C ... JONES COMPANY G7214 GREEN 7214 BUFF PAT APPL FOR

| | | | |
|---|---|---|---|
| 761080 | 49190 | 810270 | 16 |
| 27700 | | 27700 | 16 |
| 13350 | | 13350 | 14 |
| 2364870 | 32600 | 32600 | 16 |
| | 104160 | 104160 | 04 |
| | 42970 | 42970 | 08 |
| | 558710 | 558710 | 08 |
| | 109380 | 109380 | 16 |
| | 95090 | 95090 | 16 |
| | 104310 | 104310 | 16 |
| | 72190 | 72190 | 16 |
| | 65570 | 65570 | 15 |
| | 12590 | 12590 | 15 |
| | 20840 | 20840 | 16 |
| | 4440 | 4440 | 17 |
| | 56860 | 56860 | 16 |
| | 577530 | 577530 | 14 |
| | 52560 | 52560 | 16 |
| | 2364890 | | |

3834550 - 16%

6466840 1420 %



5A 053573

PROGRAM: A4PS35C2 S C M A L L I E D P A P E R I N C. PAGE
RUN DATE: 02/25/81 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 25.00 | 1401 | BRITISH OPAQUE - SER | | | | | | 1550 | 1550 | |
| 5 | 21.00 | 2009 | ROYAL LITE | | | | | | | | |
| 5 | 20.00 | 2011 | ZONDERLITE 84 | 81.3 | 72.6 | 97.42 | 122372 | 121810 | 900 | 120910 | 98.80 |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 185.3 | 146.8 | 86.43 | 285665 | 261640 | 5780 | 255860 | 89.56 |
| 5 | 21.00 | 2223 | NATO TEXT BIBLE WO | 216.9 | 198.2 | 99.69 | 391433 | 415110 | 2910 | 412200 | 105.30 |
| 5 | 20.00 | 2228 | KIMBERLY BK BIBLE | 22.0 | 18.3 | 90.74 | 32796 | 35660 | 600 | 35060 | 106.90 |
| 5 | 21.50 | 6409 | CIGARETTE TIPPING - | 96.8 | 89.8 | 101.14 | 147288 | 106800 | 6340 | 100460 | 68.20 |
| | 20.61 | | MACH TOTAL 1.09091 | 601.5 | 524.9 | 95.20 | 979554 | 941020 | 18080 | 922940 | 94.22 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 105.5 | 103.9 | 107.44 | 541789 | 597770 | | 597770 | 110.33 |
| 6 | 45.00 | 1000 | O.P. OFFSET | 56.1 | 53.1 | 103.26 | 346251 | 368310 | | 368310 | 106.37 |
| 6 | 60.00 | 1703 | JKN OPADIFIED | 10.5 | 9.3 | 96.62 | 68223 | 64910 | | 64910 | 95.14 |
| 6 | 30.00 | 2102 | BRITISH OPAQUE | 15.2 | 13.2 | 94.74 | 58766 | 60050 | | 60050 | 102.18 |
| 6 | 50.00 | 2228 | CW IMPERIAL BIBLE | 12.5 | 12.3 | 109.09 | 54759 | 50850 | | 50850 | 92.86 |
| 6 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 249.8 | 221.6 | 96.78 | 1281252 | 1380120 | 6670 | 1373450 | 107.19 |
| 6 | 45.00 | 3001 | SUPERIOR OFFSET | 2.0 | 2.0 | 109.09 | 12312 | 15030 | | 15030 | 122.07 |
| 6 | 38.00 | 3038 | HOME DICTIONARY PAPE | 55.5 | 46.2 | 90.81 | 260012 | 234940 | | 234940 | 90.35 |
| 6 | 81.00 | 5181 | GREENTINT LEDGER ANT | 18.5 | 13.6 | 80.20 | 102059 | 69500 | 9880 | 59620 | 58.41 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 7.8 | 7.1 | 99.30 | 38877 | 47480 | | 47480 | 122.12 |
| 6 | 49.00 | 7101 | K WHITE OFFSET | 24.4 | 21.0 | 93.89 | 118741 | 118980 | | 118980 | 100.20 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 12.3 | 11.3 | 100.22 | 81350 | 77800 | | 77800 | 95.63 |
| 6 | 35.00 | 7123 | BW K OFFSET - ANTIQU | 7.8 | 7.3 | 102.10 | 33144 | 21150 | | 21150 | 39.79 |
| 6 | 38.00 | 9001 | DUPONT PAPER (BLUE) | 47.3 | 39.6 | 91.33 | 151207 | 137210 | | 137210 | 90.74 |
| | 44.24 | | MACH TOTAL 1.09091 | 625.0 | 561.5 | 98.01 | 3168742 | 3244100 | 16550 | 3227550 | 101.85 |
| 7 | 33.00 | 1803 | PRIDE OPAQUE | 25.0 | 21.9 | 95.56 | 91454 | 100850 | | 100850 | 110.27 |
| 7 | 21.00 | 2009 | ROYAL LITE | 7.3 | 6.9 | 103.11 | 15983 | 19110 | | 19110 | 119.56 |
| 7 | 20.00 | 2011 | BRITELITE THIN | 37.7 | 35.4 | 102.44 | 92676 | 98880 | | 98880 | 106.69 |
| 7 | 35.00 | 2100 | BRITISH OPAQUE | 103.0 | 87.6 | 92.78 | 262800 | 252860 | 2930 | 249930 | 95.10 |
| 7 | 39.00 | 2204 | IMPERIAL BIBLE | 13.7 | 12.8 | 100.33 | 56261 | 52560 | | 52560 | 93.42 |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 295.6 | 263.9 | 97.06 | 607174 | 649270 | 7810 | 641460 | 105.64 |
| 7 | 35.00 | 2231 | ALLIED SPECIAL BIBLE | 101.5 | 96.1 | 103.29 | 436134 | 469130 | | 469130 | 107.56 |
| 7 | 39.00 | 2241 | LAWYERS OFFSET | 11.9 | 11.0 | 100.84 | 52738 | 53050 | | 53050 | 100.59 |
| 7 | 39.00 | 2504 | SOLITUDE OPAQUE | 24.0 | 12.2 | 85.45 | 54169 | 52720 | 4970 | 47750 | 88.15 |
| 7 | 38.00 | 3048 | SPECIAL SUPERIOR BOO | 2.3 | 2.3 | 109.09 | 11415 | 5550 | 16240 | 10690 | 93.64 |
| 7 | 50.00 | 7122 | BW K OFFSET - ANTIQU | 9.5 | 8.8 | 91.87 | 37658 | 44100 | | 44100 | 117.10 |
| | 21.63 | | MACH TOTAL 1.09091 | 631.5 | 557.0 | 96.22 | 1718462 | 1798080 | 31950 | 1766130 | 102.77 |
| 8 | 38.00 | 203 | LAUREL TEXT - RS | 9.5 | 8.7 | 99.90 | 36371 | 27980 | | 27980 | 76.92 |
| 8 | 58.00 | 206 | LAUREL TEXT R.S& | 13.7 | 12.1 | 96.35 | 64625 | 45310 | | 45310 | 70.11 |
| 8 | 60.00 | 207 | LAUREL TEXT R.S& | 22.8 | 21.5 | 102.87 | 115633 | 78300 | 6270 | 72030 | 62.29 |
| 8 | 35.00 | 1805 | ALLIED PRIDE | 15.3 | 14.4 | 102.67 | 54432 | 44720 | | 44720 | 82.15 |
| 8 | 35.00 | 2104 | BRITISH OPAQUE | 19.0 | 18.2 | 104.50 | 74569 | 60590 | | 60590 | 81.25 |
| 8 | 35.00 | 2204 | IMPERIAL BIBLE | 7.3 | 6.4 | 95.64 | 26725 | 22630 | 530 | 22100 | 82.69 |
| 8 | 35.00 | 2241 | LAWYERS OFFSET | 81.8 | 75.9 | 101.82 | 292245 | 270850 | | 270850 | 92.67 |
| 8 | 30.00 | 2308 | MERRIAM DICTIONARY | 37.0 | 21.8 | 161.92 | 71792 | 17140 | 2460 | 14680 | 20.44 |
| 8 | 38.00 | 2402 | SHAKESPEARE THIN | | | | | | | | |
| 8 | 30.00 | 2503 | SOLITUDE OPAQUE | 3.6 | 3.4 | 103.03 | 10576 | 12600 | | 12600 | 119.13 |

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 35.00 | 2504 | SOLITUDE OPAQUE | 3.2 | 2.8 | 95.45 | 8064 | 8600 | | 8600 | 106.64 |
| 8 | 40.00 | 2505 | SOLITUDE OPAQUE | | | | | | | | |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 63.7 | 52.3 | 89.57 | 233200 | 189310 | 11140 | 178170 | 76.40 |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 36.5 | 28.7 | 85.78 | 108734 | 101940 | | 101940 | 93.75 |
| 8 | 30.00 | 2516 | CELLUPAQUE | 15.3 | 11.6 | 82.71 | 37548 | 39790 | 4050 | 35740 | 95.18 |
| 8 | 60.00 | 2902 | GPO WOT #1 | 9.8 | 8.8 | 100.19 | 47250 | 42130 | | 42130 | 89.16 |
| 8 | 45.00 | 3001 | SUPERIOR OFFSET | 3.3 | 3.3 | 109.09 | 15618 | 16160 | | 16160 | 103.47 |
| 8 | 80.00 | 3400 | END LEAF OFFSET - HI | 59.4 | 57.8 | 106.15 | 287485 | 233610 | | 233610 | 81.25 |
| 8 | 40.00 | 7000 | CALENDAR PAD OFFSET | 174.3 | 159.8 | 99.52 | 717573 | 761080 | 7900 | 753180 | 104.96 |
| 8 | 40.00 | 7100 | K WHITE OFFSET | 2.0 | 2.0 | 109.09 | 8789 | 10640 | | 10640 | 121.33 |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 12.1 | 11.6 | 104.58 | 55238 | 51720 | | 51720 | 93.63 |
| 8 | 30.00 | 7102 | K WHITE OFFSET | 31.6 | 31.1 | 107.36 | 177842 | 194920 | | 194920 | 109.60 |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 7.3 | 6.8 | 98.63 | 38940 | 27700 | | 27700 | 71.13 |
| 8 | 50.00 | 7128 | BW K OFFSET - ANTIQU | 8.8 | 8.1 | 108.41 | 45201 | 32800 | | 32800 | 72.46 |
| 8 | 60.00 | 7124 | BW K OFFSET - ANTIQU | 4.2 | 3.9 | 101.30 | 19898 | 13350 | | 13350 | 67.11 |
| | 43.79 | | MACH TOTAL 1.09091 | 641.5 | 569.4 | 96.83 | 2548380 | 2303870 | 32350 | 2271520 | 89.13 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 19.0 | 13.5 | 77.51 | 56520 | 58610 | 3830 | 54780 | 96.92 |
| 9 | 50.00 | 208 | LAUREL TEXT R.S. | 21.7 | 17.5 | 87.90 | 87301 | 83200 | | 83200 | 95.23 |
| 9 | 32.00 | 212 | LAUREL TEXT R.S. | 10.6 | 9.5 | 97.77 | 30780 | 32600 | | 32600 | 105.91 |
| 9 | 48.00 | 253 | HWT - NON BLEED R.S. | 23.9 | 21.1 | 96.31 | 101383 | 104160 | | 104160 | 102.61 |
| 9 | 69.00 | 273 | TYPE IV E DI BLADE R | 8.4 | 8.2 | 106.49 | 38529 | 42970 | | 42970 | 111.55 |
| 9 | 60.00 | 276 | TYPE IV E DI BLADE R | 136.8 | 119.3 | 98.14 | 603742 | 558710 | 2700 | 556010 | 92.09 |
| 9 | 26.00 | 1402 | BRITISH OPAQUE - SER | 38.1 | 34.7 | 99.36 | 109176 | 109380 | 2100 | 107280 | 98.26 |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 33.8 | 28.7 | 92.63 | 93398 | 95090 | 1900 | 93190 | 99.77 |
| 9 | 35.00 | 1805 | ALLIED PRIDE | 55.7 | 50.7 | 99.30 | 189515 | 194310 | | 194310 | 102.53 |
| 9 | 40.00 | 1810 | BW PRIDE OPAQUE | 15.5 | 14.8 | 104.16 | 66280 | 72190 | 12150 | 60040 | 90.58 |
| 9 | 24.00 | 2002 | BRITE LITE THIN | 33.5 | 26.1 | 84.99 | 67754 | 65570 | | 65570 | 96.77 |
| 9 | 30.00 | 2102 | BRITISH OPAQUE | 2.8 | 1.8 | 78.91 | 4584 | 4250 | | 4250 | 92.71 |
| 9 | 24.00 | 2210 | IMPERIAL BIBLE EF NA | 4.4 | 4.2 | 104.13 | 11497 | 12590 | | 12590 | 109.50 |
| 9 | 38.00 | 2405 | SHAKESPEARE THIN | 8.4 | 7.7 | 100.80 | 24343 | 20840 | | 20840 | 85.60 |
| 9 | 35.00 | 2407 | SHAKESPEARE THIN | 1.5 | 1.2 | 87.27 | 3887 | 4440 | | 4440 | 114.22 |
| 9 | 30.00 | 2503 | SOLITUDE OPAQUE | 25.6 | 18.2 | 77.56 | 60503 | 52490 | | 52490 | 86.75 |
| 9 | 40.00 | 2505 | SOLITUDE OPAQUE | 16.1 | 13.6 | 92.15 | 54118 | 56860 | 4530 | 52330 | 96.69 |
| 9 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 127.7 | 123.5 | 105.50 | 514527 | 577530 | 1330 | 576200 | 111.98 |
| 9 | 35.00 | 2514 | INTERNATIONAL HARVES | 20.0 | 19.3 | 108.27 | 71455 | 73230 | | 73230 | 102.48 |
| 9 | 40.00 | 7000 | CALENDAR PAD OFFSET | 12.5 | 11.8 | 102.98 | 53080 | 49190 | | 49190 | 92.81 |
| 9 | 45.00 | 7101 | K WHITE OFFSET | 8.8 | 8.3 | 102.89 | 42429 | 44120 | | 44120 | 103.98 |
| 9 | 38.00 | 7138 | SPEC #IC# OFFSET | 11.3 | 11.3 | 109.09 | 42408 | 52560 | | 52560 | 123.93 |
| | 43.74 | | MACH TOTAL 1.09091 | 635.5 | 564.7 | 98.94 | 2327311 | 2384890 | 28540 | 2336350 | 100.38 |
| | | | MILL TOTAL | 3135.0 | 2777.8 | 96.65 | 10742449 | 10651960 | 127470 | 10524490 | 97.97 |
| 10 | | 2223 | NATO TEXT BIBLE 80 | | | | | | | | |
| 10 | | 2412 | NATO TEXT BIBLE | | | | | | | | |
| | | | MACH TOTAL 1.11628 | | | | | | | | |
| 11 | | 6400 | CIGARETTE TIPPING - | | | | | | | | |
| | | | MACH TOTAL 1.11628 | | | | | | | | |

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 155.5 | 136.4 | 96.79 | 514348 | 507280 | 17760 | 489520 | 95.17 |
| | 78.00 | | MACH TOTAL 1.19345 | 155.5 | 136.4 | 96.79 | 514348 | 507280 | 17760 | 489520 | 95.17 |
| 17 | 58.00 | 803 | LAUREL TEXT | 27.0 | 19.8 | 77.65 | 158894 | 132860 | 1440 | 131420 | 82.70 |
| 17 | 70.00 | 806 | LAUREL TEXT | 20.8 | 11.2 | 59.42 | 116083 | 120240 | | 120240 | 103.65 |
| 17 | 80.00 | 807 | LAUREL TEXT | 10.7 | 7.8 | 72.19 | 77615 | 61130 | | 61130 | 78.76 |
| 17 | 43.00 | 812 | LAUREL TEXT | 8.0 | 5.3 | 73.10 | 36565 | 33300 | | 33300 | 91.07 |
| 17 | 99.99 | 814 | LAUREL TEXT | | | | | | | | |
| 17 | 46.00 | 821 | CAMELIA MATTE | 6.5 | 5.3 | 89.97 | 37062 | 22570 | 1550 | 21020 | 56.71 |
| 17 | 55.00 | 853 | H W MASTER - NON BLE | 19.5 | 13.3 | 75.26 | 106780 | 88980 | 2800 | 86180 | 80.70 |
| 17 | 82.00 | 873 | MASTERBASE TYPE IV D | 7.9 | 7.7 | 107.55 | 41455 | 49650 | | 49650 | 119.76 |
| 17 | 81.50 | 878 | MASTERBASE TYPE IV D | 92.6 | 83.9 | 99.50 | 411235 | 381960 | 13810 | 368630 | 89.41 |
| | 73.16 | | MACH TOTAL 1.18345 | 193.0 | 152.3 | 87.08 | 987609 | 890390 | 18800 | 871590 | 88.25 |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 02/25/81 DAILY PRODUCTION SYSTEM

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 116 | | 1 | |
| | | | | | 1 | |
| | 2009 | ROYAL LITE | 116 | | 3 | |
| | | | | | 3 | |
| | 2011 | ZONDERLITE 84 | 110 | 101 | 2 | 91.81 |
| | | | 110 | 97 | 6 | 88.18 |
| | | | 110 | 94 | 4 | 85.45 |
| | | | 110 | | 1 | |
| | | | | | 13 | 81.11 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 114 | 20 | 111.76 |
| | | | 102 | 105 | 6 | 102.94 |
| | | | 102 | | 4 | |
| | | | | | 30 | 95.09 |
| | 2223 | NATO TEXT BIBLE 80 | 102 | 108 | 24 | 105.88 |
| | | | 102 | 105 | 8 | 102.94 |
| | | | 102 | | 3 | |
| | | | | | 35 | 96.13 |
| | 2225 | KINGSPORT 80 BIBLE | 110 | 103 | 3 | 93.63 |
| | | | 110 | | 1 | |
| | | | | | 4 | 70.22 |
| | 6400 | CIGARETTE TIPPING - CORK | 114 | 100 | 13 | 87.71 |
| | | | 114 | 92 | 1 | 80.70 |
| | | | 114 | | 3 | |
| | | | | | 17 | 71.81 |
| | | | | 106 | | 85.18 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 144 | 139 | 4 | 96.52 |
| | | | 144 | 137 | 2 | 95.13 |
| | | | 144 | 136 | 4 | 94.44 |
| | | | 144 | 133 | 6 | 92.36 |
| | | | 144 | 125 | 1 | 86.80 |
| | | | 144 | 119 | 2 | 82.63 |
| | | | | | 19 | 92.64 |
| | 1000 | Q.P. OFFSET | 140 | 143 | 8 | 102.14 |
| | | | | | 8 | 102.14 |
| | 1703 | JKN OPACIFIED | 148 | 140 | 3 | 94.59 |
| | | | | | 3 | 94.59 |
| | 2102 | BRITISH OPAQUE | 138 | 140 | 3 | 101.44 |
| | | | | | 3 | 101.44 |
| | 2228 | CW IMPERIAL BIBLE | 142 | 140 | 3 | 98.59 |
| | | | | | 3 | 98.59 |
| | 2513 | IBM SUPERIOR OFFSET | 140 | 148 | 1 | 105.71 |
| | | | 140 | 145 | 2 | 103.57 |
| | | | 140 | 142 | 3 | 101.42 |
| | | | 140 | 140 | 30 | 100.00 |
| | | | 140 | 139 | 1 | 99.28 |
| | | | 140 | 136 | 4 | 97.14 |
| | | | 140 | 133 | 1 | 95.00 |
| | | | 140 | 132 | 6 | 94.28 |
| | | | 140 | 105 | 1 | 75.00 |
| | | | 140 | | 5 | |
| | | | | | 57 | 90.03 |
| | 3001 | SUPERIOR OFFSET | 142 | 135 | 1 | 95.07 |
| | | | | | 1 | 95.07 |
| | 3038 | HOME DICTIONARY PAPER | 148 | 140 | 7 | 94.59 |
| | | | | | 7 | 94.59 |
| | 5181 | GREENTINT LEDGER ANTIQUE | 148 | 146 | 3 | 98.64 |
| | | | 148 | | 1 | |
| | | | | | 4 | 73.98 |
| | 7100 | K WHITE OFFSET | 142 | 131 | 2 | 92.25 |
| | | | | | 2 | 92.25 |
| | 7101 | K WHITE OFFSET | 142 | 124 | 4 | 87.32 |
| | | | | | 4 | 87.32 |
| | 7102 | K WHITE OFFSET | 142 | 146 | 3 | 102.81 |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 3
RUN DATE: 02/25/81 DAILY PRODUCTION SYSTEM

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 142 | 140 | 1 | 98.59 |
| | | | | | 4 | 101.75 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 140 | 2 | 98.59 |
| | | | | | 2 | 98.59 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 6 | 100.00 |
| | | | | | 6 | 100.00 |
| | | | | 139 | | 92.55 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 1803 | PRIDE OPAQUE | 136 | 120 | 4 | 88.23 |
| | | | | | 4 | 88.23 |
| | 2009 | ROYAL LITE | 132 | 117 | 2 | 88.63 |
| | | | | | 2 | 88.63 |
| | 2013 | BRITELITE THIN | 132 | 119 | 6 | 90.15 |
| | | | | | 6 | 90.15 |
| | 2100 | BRITISH OPAQUE | 134 | 120 | 14 | 89.55 |
| | | | 134 | | 2 | |
| | | | | | 16 | 78.35 |
| | 2204 | IMPERIAL BIBLE | 134 | 122 | 2 | 91.04 |
| | | | | | 2 | 91.04 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 133 | 1 | 100.75 |
| | | | 132 | 130 | 5 | 98.48 |
| | | | 132 | 127 | 8 | 96.21 |
| | | | 132 | 126 | 1 | 95.45 |
| | | | 132 | 125 | 14 | 94.69 |
| | | | 132 | 120 | 12 | 90.90 |
| | | | 132 | 116 | 5 | 87.87 |
| | | | 132 | 100 | 2 | 75.75 |
| | | | 132 | 97 | 1 | 73.48 |
| | | | 132 | | 5 | |
| | | | | | 54 | 84.05 |
| | 2231 | ALLIED SPECIAL BIBLE | 136 | 124 | 14 | 91.17 |
| | | | 136 | | 1 | |
| | | | | | 15 | 85.09 |
| | 2241 | LAWYERS OFFSET | 134 | 131 | 3 | 97.76 |
| | | | | | 3 | 97.76 |
| | 2504 | SOLITUDE OPAQUE | 134 | 129 | 1 | 96.26 |
| | | | 134 | 122 | 1 | 91.04 |
| | | | 134 | 120 | 3 | 89.55 |
| | | | 134 | | 2 | |
| | | | | | 7 | 65.13 |
| | 3040 | SPECIAL SUPERIOR BOOK | 134 | 132 | 1 | 98.50 |
| | | | 134 | | 3 | |
| | | | | | 4 | 24.62 |
| | 7122 | BW K OFFSET - ANTIQUE | 136 | 117 | 1 | 86.02 |
| | | | 136 | 115 | 2 | 84.55 |
| | | | | | 3 | 85.04 |

85580

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 5
RUN DATE: 02/25/81 DAILY PRODUCTION SYSTEM

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | 122 | | 81.25 |

SD 85R581

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 203 | LAUREL TEXT - RS | 104 | 109 | 1 | 104.80 |
| | | | 104 | 108 | 1 | 103.84 |
| | | | | | 2 | 104.32 |
| | 206 | LAUREL TEXT R.S. | 104 | 109 | 3 | 104.80 |
| | | | | | 3 | 104.80 |
| | 207 | LAUREL TEXT R.S. | 104 | 108 | 5 | 103.84 |
| | | | 104 | | 1 | |
| | | | | | 6 | 86.53 |
| | 1805 | ALLIED PRIDE | 105 | 105 | 4 | 100.00 |
| | | | | | 4 | 100.00 |
| | 2104 | BRITISH OPAQUE | 110 | 117 | 2 | 106.36 |
| | | | 110 | 114 | 2 | 103.63 |
| | | | 110 | 100 | 1 | 90.90 |
| | | | | | 5 | 102.17 |
| | 2204 | IMPERIAL BIBLE | 110 | 116 | 3 | 105.45 |
| | | | 110 | | 1 | |
| | | | | | 4 | 79.08 |
| | 2241 | LAWYERS OFFSET | 110 | 108 | 8 | 98.18 |
| | | | 110 | 104 | 4 | 94.54 |
| | | | | | 12 | 96.96 |
| | 2300 | MERRIAM DICTIONARY | 112 | 111 | 6 | 99.10 |
| | | | 112 | | 1 | |
| | | | | | 7 | 84.94 |
| | 2407 | SHAKESPEARE THIN | 110 | | 1 | |
| | | | | | 1 | |
| | 2503 | SOLITUDE OPAQUE | 110 | 101 | 1 | 91.81 |
| | | | | | 1 | 91.81 |
| | 2504 | SOLITUDE OPAQUE | 110 | 80 | 2 | 72.72 |
| | | | | | 2 | 72.72 |
| | 2505 | SOLITUDE OPAQUE | 110 | | 1 | |
| | | | | | 1 | |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 118 | 2 | 107.27 |
| | | | 110 | 116 | 5 | 105.45 |
| | | | 110 | 105 | 7 | 95.45 |
| | | | 110 | 94 | 1 | 85.45 |
| | | | 110 | | 1 | |
| | | | | | 16 | 93.46 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 111 | 1 | 105.71 |
| | | | 105 | 105 | 6 | 100.00 |
| | | | 105 | 104 | 2 | 99.04 |
| | | | | | 9 | 100.42 |
| | 2516 | CELLUPAQUE | 114 | 121 | 2 | 106.14 |
| | | | 114 | 105 | 2 | 92.10 |
| | | | 114 | 103 | 1 | 90.35 |
| | | | 114 | 102 | 2 | 89.47 |
| | | | 114 | | 1 | |
| | | | | | 8 | 83.22 |
| | 2962 | GPO LOT 21 | 110 | 105 | 2 | 95.45 |
| | | | | | 2 | 95.45 |
| | 3001 | SUPERIOR OFFSET | 110 | 102 | 1 | 92.72 |
| | | | | | 1 | 92.72 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 121 | 2 | 100.83 |
| | | | 120 | 119 | 2 | 99.16 |
| | | | 120 | 118 | 1 | 98.33 |
| | | | 120 | 115 | 1 | 95.83 |
| | | | 120 | 114 | 2 | 95.00 |
| | | | 120 | 111 | 2 | 92.50 |
| | | | 120 | 110 | 1 | 91.66 |
| | | | 120 | 109 | 1 | 90.83 |
| | | | 120 | 108 | 1 | 90.00 |
| | | | 120 | 105 | 1 | 87.50 |
| | | | 120 | 100 | 3 | 83.33 |
| | | | | | 17 | 92.88 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 7 | 103.63 |
| | | | 110 | 110 | 17 | 100.00 |
| | | | 110 | | 3 | |
| | | | | | 27 | 89.83 |
| | 7100 | K WHITE OFFSET | 110 | 108 | 1 | 98.18 |
| | | | | | 1 | 98.18 |
| | 7101 | K WHITE OFFSET | 110 | 108 | 1 | 98.18 |
| | | | 110 | 101 | 2 | 91.81 |
| | | | | | 3 | 93.93 |
| | 7102 | K WHITE OFFSET | 110 | 116 | 1 | 105.45 |
| | | | 110 | 112 | 6 | 101.81 |
| | | | 110 | 106 | 1 | 96.36 |
| | | | | | 8 | 101.58 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7104 | K WHITE OFFSET | 110 | 118 | 2 | 107.27 |
| | | | | | 2 | 107.27 |
| | 7122 | BW K OFFSET - ANTIQUE | 110 | 117 | 1 | 106.36 |
| | | | 110 | 106 | 2 | 96.36 |
| | | | | | 3 | 99.69 |
| | 7124 | BW K OFFSET - ANTIQUE | 110 | 102 | 1 | 92.72 |
| | | | | | 1 | 92.72 |
| | | | | 109 | | 91.89 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 109 | 2 | 104.80 |
| | | | 104 | 108 | 3 | 103.84 |
| | | | 104 | | 1 | |
| | | | | | 6 | 86.85 |
| | 206 | LAUREL TEXT R.S. | 104 | 109 | 5 | 104.80 |
| | | | | | 5 | 104.80 |
| | 212 | LAUREL TEXT R.S. | 104 | 100 | 2 | 96.15 |
| | | | | | 2 | 96.15 |
| | 253 | HWT - NON BLEED R.S. | 104 | 120 | 2 | 115.38 |
| | | | 104 | 119 | 1 | 114.42 |
| | | | 104 | 118 | 2 | 113.46 |
| | | | 104 | 117 | 2 | 112.50 |
| | | | | | 7 | 113.87 |
| | 273 | TYPE IV E DT BLADE BASE | 104 | 113 | 1 | 108.65 |
| | | | 104 | 111 | 2 | 106.73 |
| | | | | | 3 | 107.37 |
| | 276 | TYPE IV E DT BLADE BASE | 124 | 112 | 2 | 90.32 |
| | | | 124 | 109 | 18 | 87.90 |
| | | | 124 | 106 | 4 | 85.48 |
| | | | 124 | | 1 | |
| | | | | | 25 | 84.19 |
| | 1402 | BRITISH OPAQUE - SERVICE OFFSE | 116 | 114 | 7 | 98.27 |
| | | | 116 | | 2 | |
| | | | | | 9 | 76.43 |
| | 1800 | PRIDE OPAQUE | 110 | 117 | 2 | 106.36 |
| | | | 110 | 107 | 3 | 97.27 |
| | | | 110 | 102 | 2 | 92.72 |
| | | | 110 | | 1 | |
| | | | | | 8 | 86.24 |
| | 1805 | ALLIED PRIDE | 110 | 105 | 11 | 95.45 |
| | | | | | 11 | 95.45 |
| | 1810 | BW PRIDE OPAQUE | 110 | 114 | 5 | 103.63 |
| | | | 110 | 107 | 1 | 97.27 |
| | | | 110 | | 2 | |
| | | | | | 8 | 76.92 |
| | 2002 | BRITE LITE THIN | 110 | 110 | 5 | 100.00 |
| | | | | | 5 | 100.00 |
| | 2102 | BRITISH OPAQUE | 110 | 116 | 1 | 105.45 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 1 | 105.45 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 96 | 116 | 1 | 120.83 |
| | | | | | 1 | 120.83 |
| | 2405 | SHAKESPEARE THIN | 110 | 104 | 2 | 94.54 |
| | | | | | 2 | 94.54 |
| | 2407 | SHAKESPEARE THIN | 110 | 91 | 1 | 82.72 |
| | | | | | 1 | 82.72 |
| | 2503 | SOLITUDE OPAQUE | 110 | 114 | 3 | 103.63 |
| | | | 110 | 101 | 2 | 91.81 |
| | | | | | 5 | 98.90 |
| | 2505 | SOLITUDE OPAQUE | 110 | 101 | 5 | 91.81 |
| | | | 110 | | 2 | |
| | | | | | 7 | 65.57 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 107 | 9 | 97.27 |
| | | | 110 | 105 | 15 | 95.45 |
| | | | 110 | | 1 | |
| | | | | | 25 | 92.28 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 104 | 3 | 99.04 |
| | | | | | 3 | 99.04 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 3 | 103.63 |
| | | | | | 3 | 103.63 |
| | 7101 | K WHITE OFFSET | 110 | 120 | 2 | 109.09 |
| | | | | | 2 | 109.09 |
| | 7138 | SPEC "IC" OFFSET | 114 | 104 | 3 | 91.22 |
| | | | | | 3 | 91.22 |
| | | | | 108 | | 90.58 |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 11
RUN DATE: 02/25/81 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2223 | NATO TEXT BIBLE 80 | 102 | | 8 | |
| | | | | | 8 | |
| | 2412 | NATO TEXT BIBLE | 105 | | 3 | |
| | | | | | 3 | |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 12
RUN DATE: 02/25/81 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 6400 | CIGARETTE TIPPING - CORK | 114 | | 2 | |
| | | | | | 2 | |

SA 855588

DAILY PRODUCTION SYSTEM

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 72 | 73 | 1 | 101.38 |
| | | | 72 | 70 | 3 | 97.22 |
| | | | 72 | 67 | 15 | 93.05 |
| | | | 72 | 63 | 2 | 87.50 |
| | | | 72 | | 12 | |
| | | | | | 33 | 59.50 |
| | | | | 67 | | 59.50 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 109 | 2 | 106.86 |
| | | | 102 | 107 | 2 | 104.90 |
| | | | 102 | 105 | 3 | 102.94 |
| | | | 102 | | 1 | |
| | | | | | 8 | 91.54 |
| | 806 | LAUREL TEXT | 102 | 107 | 5 | 104.90 |
| | | | | | 5 | 104.90 |
| | 807 | LAUREL TEXT | 102 | 105 | 4 | 102.94 |
| | | | | | 4 | 102.94 |
| | 812 | LAUREL TEXT | 102 | 98 | 1 | 96.07 |
| | | | | | 1 | 96.07 |
| | 814 | LAUREL TEXT | 102 | | 1 | |
| | | | | | 1 | |
| | 821 | CAMELIA MATTE | 102 | 111 | 1 | 108.82 |
| | | | 102 | | 1 | |
| | | | | | 2 | 54.41 |
| | 853 | H W MASTER - NON BLEED II | 102 | 117 | 3 | 114.70 |
| | | | 102 | 116 | 1 | 113.72 |
| | | | 102 | 114 | 1 | 111.76 |
| | | | 102 | | 2 | |
| | | | | | 7 | 81.36 |
| | 873 | MASTERBASE TYPE IV DTHW | 102 | 110 | 1 | 107.84 |
| | | | 102 | 108 | 1 | 105.88 |
| | | | | | 2 | 106.86 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 110 | 1 | 107.84 |
| | | | 102 | 106 | 12 | 103.92 |
| | | | 102 | 104 | 4 | 101.96 |
| | | | 102 | | 5 | |
| | | | | | 22 | 80.12 |
| | | | | 107 | | 84.99 |

| | | | | |
|---|---|---|---|---|
| | | 43950 | 43950 | 16 |
| 21150 | 389720 | 84210 | 593080 | 14 |
| | | | | 16 |
| | 202890 | | 202890 | 16 |
| | 11130 | | 11130 | 16 |
| | 64100 | | 64100 | 16 |
| | 306760 | | 306760 | 16 |
| | 240730 | | 240730 | 16 |
| | 154880 | | 154880 | 16 |
| | 17490 | | 17490 | 16 |
| 153630 | | | 153630 | 14 |
| 4480 | | | 4480 | 16 |
| 192560 | | 164100 | 356660 | 15 |
| 324050 | | | 324050 | 15 |
| 101710 | | | 101710 | 15 |
| 93780 | | | 93780 | 16 |
| 201130 | | | 201130 | 16 |
| 290740 | | | 290740 | 16 |
| 91670 | | | 91670 | 16 |
| 679330 | | | 679330 | 16 |
| 2154250 | 424620 | | 424620 | 16 |
| | 19920 | | 19920 | 16 |
| | 204860 | | 204860 | 16 |
| | 41830 | | 41830 | 16 |
| | 155020 | | 155020 | 16 |
| | 71020 | | 71020 | 16 |
| | 65140 | | 65140 | 03 |

577 MADE IN U.S.A.

SA 053591

JANUARY 1981

| | | | | | |
|---|---|---|---|---|---|
| 1 | 1401 | 90340 | | 90340 | 16 |
| 2 | 2000 | 63260 | | 63260 | 15 |
| 3 | 2005 | 40680 | | 40680 | 16 |
| 4 | 2007 | 27570 | | 27570 | 16 |
| 5 | 2007 | 28910 | | 28910 | 16 |
| 6 | 2200 | 42090 | | 42090 | 16 |
| 7 | 2213 | 17100 | | 17100 | 15 |
| 8 | 2263 | 504420 | | 504420 | 16 |
| 9 | 2285 | 94900 | | 94900 | 16 |
| 10 | 6400 | 127500 | | 127500 | 07 |
| 11 | 1803 | ~~1036860~~ | 51.000 | 51000 | 16 |
| 12 | 2513 | 358520 | | 358520 | 14 |
| 13 | 2961 | 240035 | | 240035 | 16 |
| 14 | 2962 | 99960 | | 99960 | 16 |
| 15 | 3000 | 19830 | | 19830 | 16 |
| 16 | 3001 | 24630 | | 24630 | 16 |
| 17 | 3002 | 882650 | | 882650 | 16 |
| 18 | 3004 | 102070 | | 102070 | 16 |
| 19 | 3038 | 167450 | | 167450 | 16 |
| 20 | 3830 | 28240 | | 28240 | 16 |
| 21 | 7100 | 450820 | | 450820 | 15 |
| 22 | 7102 | 124730 | | 124730 | 16 |
| 23 | 0142 | 280860 | | 280860 | 10 |
| 24 | 1403 | ~~2831205~~ | | | |
| 25 | 2206 | | | | |
| 26 | 2210 | | | | |
| 27 | 2221 | | | | |
| 28 | 2235 | | | | |
| 29 | 2504 | | | | |
| 30 | 2526 | | | | |
| 31 | 2528 | | | | |
| 32 | 2554 | | | | |
| 33 | 3040 | | | | |
| 34 | 1402 | | | | |
| 35 | 1807 | | | | |
| 36 | 2241 | | | | |
| 37 | 2514 | | | | |
| 38 | 2516 | | | | |
| 39 | 2901 | | | | |
| 40 | 3400 | | | | |
| | | | | 3664065 | 1506 |

16 00
7 4 1 1
27 1 1
3020

1 3835
2 6100
3 7101
4 7122
5 7123
6 0140
7 0202
8 0203
9 0221
10 0226
11 0272
12 0273
13 0276
14 1800
15 2102
16 2407
17 2426
18 3501
19 7000
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40

© WILSON JONES COMPANY 07214 GREEN 7214 BLUE PA APPL FOR

| | | | |
|---|---|---|---|
| 102320 | | 102320 | 16 |
| 43520 | | 43520 | 2 |
| 201390 | | 201390 | 6 |
| 93400 | | 93400 | 14 |
| 14750 | | 14750 | 14 |
| 2825500 | 22180 | [illegible] | 10 |
| | 99250 | [illegible] | 16 |
| | 197310 | 197310 | 16 |
| | 265780 | [illegible] | 16 |
| | [illegible] | [illegible] | 16 |
| | 30520 | 30520 | 06 |
| | 39750 | 39750 | 08 |
| | 719130 | 719130 | 08 |
| | 44665 | 44665 | 16 |
| | 73520 | 73520 | 16 |
| | 4860 | 4860 | 16 |
| | 55580 | 55580 | 16 |
| | 43610 | 43610 | 19 |
| | 154200 | 154200 | 16 |
| | 226[illegible]45 | | |

4585455 16/0

7247095 14 61

577 MADE USA

PROGRAM: A4PS35C2 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 01/28/81 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 25.00 | 1401 | BRITISH OPAQUE - SER | 37.2 | 34.3 | 100.59 | 82893 | 90340 | 1800 | 88540 | 106.81 |
| 5 | 20.00 | 2000 | BRITE LITE THIN | 73.1 | 63.8 | 95.21 | 106550 | 63260 | 4050 | 59210 | 55.57 |
| 5 | 28.00 | 2005 | BRITE LITE THIN | 15.5 | 13.9 | 97.83 | 38052 | 40680 | | 40680 | 106.90 |
| 5 | 20.00 | 2007 | BRITE LITE PLUS | 16.7 | 15.7 | 102.56 | 27043 | 27570 | | 27570 | 101.94 |
| 5 | 21.00 | 2009 | ROYAL LITE | 13.3 | 13.0 | 106.63 | 25833 | 28910 | | 28910 | 111.91 |
| 5 | 25.00 | 2200 | IMPERIAL BIBLE | 22.9 | 21.7 | 103.37 | 51522 | 42090 | | 42090 | 81.69 |
| 5 | 22.00 | 2213 | ANDERPAQUE-BIBLE | 8.0 | 8.0 | 109.09 | 16895 | 17100 | | 17100 | 101.21 |
| 5 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 276.5 | 256.9 | 101.36 | 515733 | 504420 | 13840 | 490580 | 95.12 |
| 5 | 26.00 | 2225 | MEMORIAL OPAQUE | 53.5 | 50.6 | 103.18 | 110487 | 94900 | | 94900 | 85.89 |
| 5 | 21.50 | 6400 | CIGARETTE TIPPING - | 119.8 | 114.1 | 103.90 | 175695 | 127590 | 3040 | 124550 | 70.88 |
| | 22.14 | | MACH TOTAL 1.09091 | 636.5 | 592.0 | 101.46 | 1150703 | 1036860 | 22730 | 1014130 | 88.13 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 56.3 | 49.6 | 96.11 | 255952 | 280860 | | 280860 | 109.73 |
| 6 | 50.00 | 1533 | B W 'J' OFFSET | | | | | | | | |
| 6 | 33.00 | 1803 | PRIDE OPAQUE | 10.2 | 9.7 | 103.74 | 44220 | 51000 | | 51000 | 115.33 |
| 6 | 30.00 | 2300 | MERRIAM DICTIONARY | | | | | | | | |
| 6 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 62.6 | 59.3 | 103.34 | 343039 | 358930 | | 358930 | 104.63 |
| 6 | 50.00 | 2961 | BW G OFFSET | 42.8 | 33.2 | 84.62 | 229609 | 240035 | | 240035 | 104.54 |
| 6 | 60.00 | 2962 | GPO LOT 21 | 12.9 | 12.4 | 104.86 | 90965 | 99960 | | 99960 | 109.88 |
| 6 | 40.00 | 3000 | SUPERIOR OFFSET | 3.3 | 3.0 | 99.17 | 17556 | 19830 | | 19830 | 112.95 |
| 6 | 45.00 | 3001 | SUPERIOR OFFSET | 5.7 | 5.7 | 109.09 | 35868 | 24630 | | 24630 | 68.66 |
| 6 | 50.00 | 3002 | SUPERIOR OFFSET | 128.6 | 114.3 | 96.96 | 832296 | 882650 | 5760 | 876890 | 105.35 |
| 6 | 60.00 | 3004 | SUPERIOR OFFSET | 14.1 | 13.1 | 101.35 | 100906 | 102070 | | 102070 | 101.15 |
| 6 | 38.00 | 3038 | HOME DICTIONARY PAPE | 29.8 | 28.0 | 102.50 | 156099 | 167450 | | 167450 | 107.27 |
| 6 | 30.00 | 3830 | WHITE BOOKLITE | 7.3 | 6.7 | 100.12 | 29102 | 28240 | | 28240 | 97.03 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 78.8 | 69.8 | 96.63 | 393528 | 450820 | 1250 | 449570 | 114.24 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 15.6 | 15.4 | 107.69 | 109498 | 124730 | | 124730 | 113.91 |
| | 47.02 | | MACH TOTAL 1.09091 | 468.0 | 420.2 | 97.95 | 2638638 | 2831205 | 7010 | 2824195 | 107.03 |
| 7 | 30.00 | 1100 | E. B. NEW SHADE | | | | | | | | |
| 7 | 20.00 | 1405 | M H SPECIAL-LIGHT WE | 71.5 | 65.4 | 99.78 | 135102 | 153630 | | 153630 | 113.71 |
| 7 | 21.00 | 2009 | ROYAL LITE | | | | | | 1440 | 1440 | |
| 7 | 35.00 | 2204 | IMPERIAL BIBLE | 1.4 | 1.0 | 77.92 | 4684 | 4480 | | 4480 | 95.64 |
| 7 | 24.00 | 2210 | IMPERIAL BIBLE EF NA | 53.3 | 52.5 | 107.45 | 161276 | 192560 | 1280 | 191280 | 118.60 |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 150.5 | 136.3 | 98.80 | 331967 | 324050 | 54680 | 269370 | 81.14 |
| 7 | 24.00 | 2232 | LOLLIPOP BIBLE | 33.8 | 29.1 | 93.92 | 87300 | 101710 | | 101710 | 116.50 |
| 7 | 35.00 | 2504 | SOLITUDE OPAQUE | 19.8 | 19.2 | 105.79 | 90648 | 93780 | | 93780 | 103.45 |
| 7 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 7.5 | 6.9 | 100.36 | 27820 | 21150 | | 21150 | 76.02 |
| 7 | 26.00 | 2526 | SOLITUDE OPAQUE | 56.0 | 54.1 | 105.39 | 171604 | 201130 | | 201130 | 117.20 |
| 7 | 28.00 | 2528 | A H DICTIONARY | 88.0 | 80.1 | 99.30 | 286879 | 290740 | 4450 | 286290 | 99.79 |
| 7 | 35.00 | 2554 | SOLITUDE OPAQUE | 20.7 | 19.0 | 100.13 | 84142 | 91690 | | 91690 | 108.97 |
| 7 | 38.00 | 3040 | SPECIAL SUPERIOR BOO | 151.5 | 146.4 | 105.42 | 726602 | 679330 | 29110 | 650220 | 89.48 |
| | 29.38 | | MACH TOTAL 1.09091 | 654.0 | 610.0 | 101.75 | 2108024 | 2154250 | 90960 | 2063290 | 97.87 |
| 8 | 45.00 | 1000 | Q.P. OFFSET | | | | | | | 2066 170 | |
| 8 | 30.00 | 1203 | A.M. PRIDE | 126.1 | 113.6 | 98.28 | 424060 | 424620 | 12690 | 411930 | 97.13 |
| 8 | 47.00 | 1547 | B.W. J OFFSET M F | | | | | | | | |
| 8 | 30.00 | 1800 | PRIDE OPAQUE | 10.7 | 6.2 | 63.21 | 19286 | 19920 | | 19920 | 103.28 |

PROGRAM: A4PS35C2 S C M A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 01/28/81 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 35.00 | 2241 | LAWYERS OFFSET | 47.4 | 45.8 | 105.41 | 178068 | 204860 | 9480 | 195380 | 109.72 |
| 8 | 40.00 | 2505 | SOLITUDE OPAQUE | | | | | | | | |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 80.6 | 78.9 | 106.79 | 340325 | 389720 | 1560 | 388160 | 114.05 |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 14.9 | 10.9 | 79.80 | 40808 | 41830 | | 41830 | 102.50 |
| 8 | 30.00 | 2516 | CELLURAQUE | 53.7 | 46.6 | 94.67 | 167925 | 155020 | 2550 | 152470 | 90.79 |
| 8 | 45.00 | 2901 | DICKENS OFFSET | 14.6 | 13.6 | 101.62 | 61841 | 71020 | | 71020 | 114.84 |
| 8 | 60.00 | 2962 | GPO LOT 21 | 35.2 | 35.9 | 108.47 | 173250 | 202890 | 2520 | 200370 | 115.65 |
| 8 | 40.00 | 3000 | SUPERIOR OFFSET | 2.5 | 2.5 | 109.09 | 10657 | 11130 | | 11130 | 104.43 |
| 8 | 45.00 | 3001 | SUPERIOR OFFSET | 12.5 | 12.0 | 104.73 | 56235 | 64100 | | 64100 | 113.98 |
| 8 | 50.00 | 3002 | SUPERIOR OFFSET | 48.1 | 46.0 | 104.33 | 278995 | 306760 | 2200 | 304560 | 109.16 |
| 8 | 38.00 | 3038 | HOME DICTIONARY PAPE | 55.5 | 51.1 | 100.44 | 220912 | 240730 | 2270 | 238460 | 107.94 |
| 8 | 80.00 | 3400 | END LEAF OFFSET - HE | 15.7 | 15.2 | 105.62 | 74469 | 65140 | 3280 | 61860 | 83.06 |
| 8 | 35.00 | 3835 | WHITE BOOK LITE | 23.3 | 23.0 | 107.69 | 88596 | 102320 | | 102320 | 115.49 |
| 8 | 60.00 | 6100 | WHITE CAP GUN STOCK | 7.3 | 6.8 | 101.62 | 38420 | 43540 | | 43540 | 113.32 |
| 8 | 40.00 | 7100 | K WHITE OFFSET | 30.9 | 30.1 | 106.27 | 138849 | 154880 | 12080 | 142800 | 102.84 |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 37.1 | 36.0 | 105.86 | 178103 | 201390 | | 201390 | 113.07 |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 2.9 | 2.4 | 90.28 | 13692 | 17480 | | 17480 | 127.66 |
| 8 | 50.00 | 7122 | BW K OFFSET - ANTIQU | 17.5 | 15.8 | 98.49 | 90955 | 93400 | 3520 | 89880 | 98.81 |
| 8 | 55.00 | 7123 | BW K OFFSET - ANTIQU | 3.0 | 2.3 | 83.64 | 13098 | 14750 | | 14750 | 112.61 |
| | 41.91 | | MACH TOTAL 1.09091 | 639.5 | 593.8 | 101.30 | 2608544 | 2825500 | 52150 | 2773350 | 106.31 |
| 9 | 38.00 | 140 | ELECTRO 11A | 6.1 | 6.1 | 109.09 | 21850 | 23180 | | 23180 | 106.08 |
| 9 | 33.00 | 202 | LAUREL TEXT - RS | 34.0 | 23.8 | 76.36 | 88234 | 99250 | | 99250 | 112.48 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 46.8 | 43.5 | 101.40 | 180991 | 197310 | | 197310 | 109.01 |
| 9 | 30.00 | 221 | CAMELIA MAITE RS | 81.7 | 72.5 | 96.81 | 251251 | 265280 | 2480 | 262800 | 104.59 |
| 9 | 33.00 | 262 | HM WEB BASE STOCK R/ | 7.3 | 6.6 | 98.63 | 23806 | 24220 | | 24220 | 101.73 |
| 9 | 64.00 | 272 | TYPE IV BASE STOCK L | 6.0 | 5.7 | 103.64 | 29438 | 30530 | | 30530 | 103.70 |
| 9 | 69.00 | 273 | TYPE IV E DT BLADE B | 10.5 | 9.8 | 101.82 | 55759 | 39750 | | 39750 | 71.28 |
| 9 | 60.00 | 276 | TYPE IV E DT BLADE B | 161.1 | 153.5 | 103.94 | 782237 | 719130 | 24230 | 694900 | 88.83 |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 13.2 | 12.2 | 100.83 | 39683 | 44665 | | 44665 | 112.55 |
| 9 | 30.00 | 2102 | BRITISH OPAQUE | 23.2 | 18.7 | 87.93 | 61395 | 73520 | | 73520 | 119.74 |
| 9 | 25.00 | 2200 | IMPERIAL BIBLE | 16.5 | 15.2 | 100.50 | 41878 | 43950 | | 43950 | 104.94 |
| 9 | 24.00 | 2210 | IMPERIAL BIBLE EF NA | 77.1 | 62.6 | 88.57 | 165621 | 164100 | 10320 | 153780 | 92.85 |
| 9 | 35.00 | 2407 | SHAKESPEARE THIN | 1.6 | 1.1 | 75.00 | 3837 | 4860 | | 4860 | 126.66 |
| 9 | 26.00 | 2426 | SHAKESPEARE THIN | 25.3 | 21.7 | 93.57 | 46783 | 55580 | | 55580 | 118.80 |
| 9 | 35.00 | 2504 | SOLITUDE OPAQUE | | | | | | | | |
| 9 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 72.1 | 63.3 | 95.78 | 261867 | 284210 | | 284210 | 108.53 |
| 9 | 45.00 | 3501 | SCHOOL COTE | 10.7 | 10.2 | 103.99 | 45189 | 43610 | | 43610 | 96.50 |
| 9 | 50.00 | 3502 | SCHOOL COTE | | | | | | | | |
| 9 | 40.00 | 7000 | CALENDAR PAD OFFSET | 34.3 | 32.6 | 103.68 | 141288 | 154200 | | 154200 | 109.13 |
| | 43.20 | | MACH TOTAL 1.09091 | 627.5 | 559.1 | 97.20 | 2241107 | 2267345 | 37030 | 2230315 | 99.51 |
| | | | MILL TOTAL | 3025.5 | 2775.1 | 100.06 | 10747016 | 11115160 | 209880 | 10905280 | 101.47 |
| 10 | 20.00 | 2000 | BRITE LITE THIN | | | | | | | | |
| 10 | 20.00 | 2011 | ZONDERLITE 84 | .1 | .1 | 111.63 | | 1 | | 1 | |
| 10 | 21.00 | 2223 | NATO TEXT BIBLE 80 | | | | | | | | |
| | 20.00 | | MACH TOTAL 1.11628 | .1 | .1 | 111.63 | | 1 | | 1 | |

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1981

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 21.50 | 6400 | CIGARETTE TIPPING - | .1 | .1 | 111.63 | | 1 | | 1 | |
| 11 | | 6717 | WHITE CRIMPING PAPER | | | | | | | | |
| 11 | | 6720 | PLUG WRAP | | | | | | | | |
| | 21.00 | | MACH TOTAL 1.11628 | .1 | .1 | 111.63 | | 1 | | 1 | |
| 15 | 60.00 | 525 | LIQUID TONER CONDUCT | 15.0 | 12.2 | 89.75 | 26058 | 27070 | 3000 | 24070 | 92.37 |
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 71.5 | 59.8 | 92.29 | 202835 | 216480 | 33985 | 182495 | 89.97 |
| 15 | 78.00 | 533 | ELECTROSTATIC - AB D | 8.0 | 7.7 | 106.21 | 28890 | 26870 | 2000 | 24870 | 86.08 |
| | 76.20 | | MACH TOTAL 1.10345 | 94.5 | 79.7 | 93.06 | 257783 | 270420 | 38985 | 231435 | 89.77 |
| 17 | 45.00 | 802 | LAUREL TEXT | 14.0 | 12.7 | 100.10 | 97108 | 108855 | 1720 | 107135 | 110.32 |
| 17 | 50.00 | 803 | LAUREL TEXT | 20.9 | 17.6 | 92.92 | 143866 | 160930 | | 160930 | 111.86 |
| 17 | 40.00 | 822 | CAMELIA MATTE | 56.2 | 36.9 | 72.45 | 258037 | 217180 | 5040 | 212140 | 82.21 |
| 17 | 50.00 | 833 | CAMELIA MATTE | | | | | | | | |
| 17 | 35.00 | 846 | RAM KOTE | | | | | | | | |
| 17 | 55.00 | 853 | H W MASTER - NON BLE | | | | | | | | |
| 17 | 45.00 | 862 | H M WEB | 5.4 | 3.4 | 69.48 | 26275 | 24120 | | 24120 | 91.79 |
| 17 | 91.00 | 872 | MASTERBASE TYPE IV C | 14.0 | 8.6 | 67.78 | 32478 | 30800 | | 30800 | 94.83 |
| 17 | 92.00 | 873 | MASTERBASE TYPE IV D | 7.0 | 6.5 | 102.46 | 35058 | 46440 | | 46440 | 132.46 |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV D | 190.8 | 167.9 | 97.10 | 835350 | 869990 | 77660 | 792330 | 94.85 |
| | 72.63 | | MACH TOTAL 1.10345 | 308.3 | 253.6 | 90.77 | 1428172 | 1458315 | 84420 | 1373895 | 96.19 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 01/28/81
7B00I  OPTION ROUTE=LST                                                  0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,50,3,PD,A),WORK=1,FILES=1        0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7B00I  INPFIL BLKSIZE=4080                                               0013
7B00I  OUTFIL BLKSIZE=4080                                               0014
7B00I  END                                                               0015

7J03I SORT  COMPLETE, IN 688, OUT 688.
```

PROGRAM: A4PS33C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 01/28/81 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 600 | | 1 | |
| | | | 600 | 600 | 1 | 100.00 |
| | | | 600 | 700 | 6 | 116.66 |
| | | | | | 8 | 99.99 |
| | 2000 | BRITE LITE THIN | 620 | | 2 | |
| | | | 620 | 620 | 1 | 100.00 |
| | | | 620 | 650 | 1 | 104.83 |
| | | | 620 | 700 | 11 | 112.90 |
| | | | | | 15 | 96.44 |
| | 2005 | BRITE LITE THIN | 600 | 600 | 2 | 100.00 |
| | | | 600 | 620 | 1 | 103.33 |
| | | | | | 3 | 101.11 |
| | 2007 | BRITE LITE PLUS | 620 | 620 | 1 | 100.00 |
| | | | 620 | 700 | 2 | 112.90 |
| | | | | | 3 | 108.60 |
| | 2009 | ROYAL LITE | 620 | 700 | 2 | 112.90 |
| | | | | | 2 | 112.90 |
| | 2200 | IMPERIAL BIBLE | 600 | 600 | 1 | 100.00 |
| | | | 600 | 620 | 1 | 103.33 |
| | | | 600 | 650 | 2 | 108.33 |
| | | | | | 4 | 104.99 |
| | 2213 | ANDERPAQUE BIBLE | 620 | 700 | 3 | 112.90 |
| | | | | | 3 | 112.90 |
| | 2223 | NATO TEXT BIBLE 80 | 620 | | 7 | |
| | | | 620 | 600 | 1 | 96.77 |
| | | | 620 | 660 | 1 | 106.45 |
| | | | 620 | 700 | 39 | 112.90 |
| | | | | | 48 | 95.96 |
| | 2225 | MEMORIAL OPAQUE | 600 | 620 | 1 | 103.33 |
| | | | 600 | 650 | 2 | 108.33 |
| | | | 600 | 700 | 4 | 116.66 |
| | | | | | 7 | 112.37 |
| | 6400 | CIGARETTE TIPPING - CORK | 550 | | 3 | |
| | | | 550 | 480 | 16 | 87.27 |
| | | | 550 | 500 | 1 | 90.90 |
| | | | | | 20 | 74.36 |
| | | | | | | 95.04 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 500 | 500 | 2 | 100.00 |
| | | | 500 | 520 | 8 | 104.00 |
| | | | | | 10 | 103.20 |
| | 1533 | B W [illegible] OFFSET | 700 | | 1 | |
| | | | | | 1 | |
| | 1803 | PRIDE OPAQUE | 750 | 750 | 1 | 100.00 |
| | | | 750 | 800 | 1 | 106.66 |
| | | | | | 2 | 103.33 |
| | 2300 | MERRIAM DICTIONARY | 750 | | 1 | |
| | | | | | 1 | |
| | 2513 | IBM SUPERIOR OFFSET | 740 | | 1 | |
| | | | 740 | 740 | 1 | 100.00 |
| | | | 740 | 780 | 1 | 105.40 |
| | | | 740 | 800 | 10 | 108.10 |
| | | | | | 13 | 98.95 |
| | 2961 | BW G OFFSET | 700 | 700 | 5 | 100.00 |
| | | | 700 | 720 | 2 | 102.85 |
| | | | | | 7 | 100.81 |
| | 2962 | GPO LOT 21 | 620 | 620 | 2 | 100.00 |
| | | | 620 | 640 | 1 | 103.22 |
| | | | | | 3 | 101.07 |
| | 3000 | SUPERIOR OFFSET | 740 | 780 | 2 | 105.40 |
| | | | | | 2 | 105.40 |
| | 3001 | SUPERIOR OFFSET | 720 | 780 | 2 | 108.33 |
| | | | | | 2 | 108.33 |
| | 3002 | SUPERIOR OFFSET | 700 | | 3 | |
| | | | 700 | 520 | 1 | 74.28 |
| | | | 700 | 700 | 13 | 100.00 |
| | | | 700 | 720 | 3 | 102.85 |
| | | | | | 20 | 84.14 |
| | 3004 | SUPERIOR OFFSET | 620 | 630 | 2 | 101.61 |
| | | | 620 | 720 | 1 | 116.12 |
| | | | | | 3 | 106.44 |
| | 3038 | HOME DICTIONARY PAPER | 750 | | 1 | |
| | | | 750 | 800 | 5 | 106.66 |
| | | | | | 6 | 88.88 |
| | 3830 | WHITE BOOKLITE | 750 | | 1 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 750 | 750 | 3 | 100.00 |
| | | | | | 4 | 75.00 |
| | 7100 | K WHITE OFFSET | 740 | | 1 | |
| | | | 740 | 740 | 4 | 100.00 |
| | | | 740 | 800 | 8 | 108.10 |
| | | | 740 | 810 | 1 | 109.45 |
| | | | | | 14 | 98.16 |
| | 7102 | K WHITE OFFSET | 700 | 720 | 4 | 102.85 |
| | | | | | 4 | 102.85 |
| | | | | | | 93.28 |

SB 051604

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 1100 | E. B. NEW SHADE | 750 | | 3 | |
| | | | | | 3 | |
| | 1405 | M H SPECIAL LIGHT WEIGHT | 620 | 770 | 8 | 124.19 |
| | | | 670 | 780 | 1 | 116.41 |
| | | | | | 9 | 123.32 |
| | 2009 | ROYAL LITE | 670 | | 2 | |
| | | | | | 2 | |
| | 2204 | IMPERIAL BIBLE | 740 | 800 | 1 | 108.10 |
| | | | | | 1 | 108.10 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 710 | | 1 | |
| | | | 710 | 780 | 1 | 109.85 |
| | | | 710 | 800 | 10 | 112.67 |
| | | | | | 12 | 103.04 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 670 | | 9 | |
| | | | 670 | 680 | 1 | 101.49 |
| | | | 670 | 770 | 5 | 114.92 |
| | | | 670 | 800 | 15 | 119.40 |
| | | | | | 30 | 82.23 |
| | 2232 | LOLLIPOP BIBLE | 710 | 800 | 5 | 112.67 |
| | | | | | 5 | 112.67 |
| | 2504 | SOLITUDE OPAQUE | 740 | 770 | 4 | 104.05 |
| | | | | | 4 | 104.05 |
| | 2513 | IBM SUPERIOR OFFSET | 680 | 680 | 1 | 100.00 |
| | | | 680 | 710 | 1 | 104.41 |
| | | | | | 2 | 102.20 |
| | 2526 | SOLITUDE OPAQUE | 710 | 800 | 7 | 112.67 |
| | | | | | 7 | 112.67 |
| | 2528 | A H DICTIONARY | 750 | | 1 | |
| | | | 750 | 770 | 1 | 102.66 |
| | | | 750 | 800 | 10 | 106.66 |
| | | | | | 12 | 97.43 |
| | 2554 | SOLITUDE OPAQUE | 740 | 770 | 1 | 104.05 |
| | | | 740 | 780 | 2 | 105.40 |
| | | | | | 3 | 104.95 |
| | 3040 | SPECIAL SUPERIOR BOOK | 700 | | 2 | |
| | | | 700 | 710 | 13 | 101.42 |
| | | | 700 | 730 | 1 | 104.28 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 700 | 740 | 6 | 105.71 |
| | | | | | 22 | 93.50 |
| | | | | | | 93.17 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 1000 | Q.P. OFFSET | 730 | | 1 | |
| | | | | | 1 | |
| | 1203 | A.M. PRIDE | 730 | | 4 | |
| | | | 730 | 700 | 1 | 95.89 |
| | | | 730 | 720 | 1 | 98.63 |
| | | | 730 | 780 | 19 | 106.84 |
| | | | | | 25 | 88.97 |
| | 1547 | B.W. J OFFSET M F | 730 | | 1 | |
| | | | | | 1 | |
| | 1800 | PRIDE OPAQUE | 730 | 720 | 1 | 98.63 |
| | | | 730 | 780 | 1 | 106.84 |
| | | | | | 2 | 102.73 |
| | 2241 | LAWYERS OFFSET | 730 | | 1 | |
| | | | 730 | 780 | 6 | 106.84 |
| | | | | | 7 | 91.57 |
| | 2505 | SOLITUDE OPAQUE | 720 | | 1 | |
| | | | | | 1 | |
| | 2513 | IBM SUPERIOR OFFSET | 720 | | 1 | |
| | | | 720 | 780 | 20 | 108.33 |
| | | | | | 21 | 103.17 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 730 | 780 | 3 | 106.84 |
| | | | | | 3 | 106.84 |
| | 2516 | CELLUPAQUE | 730 | | 4 | |
| | | | 730 | 700 | 1 | 95.89 |
| | | | 730 | 780 | 6 | 106.84 |
| | | | | | 11 | 66.99 |
| | 2901 | DICKENS OFFSET | 730 | 780 | 3 | 106.84 |
| | | | | | 3 | 106.84 |
| | 2962 | GPO LOT 21 | 590 | | 1 | |
| | | | 590 | 650 | 5 | 110.16 |
| | | | | | 6 | 91.80 |
| | 3000 | SUPERIOR OFFSET | 720 | 780 | 2 | 108.33 |
| | | | | | 2 | 108.33 |
| | 3001 | SUPERIOR OFFSET | 730 | 780 | 2 | 106.84 |
| | | | | | 2 | 106.84 |
| | 3002 | SUPERIOR OFFSET | 730 | | 1 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 730 | 760 | 3 | 104.10 |
| | | | 730 | 780 | 4 | 106.84 |
| | | | | | 8 | 92.45 |
| | 3038 | HOME DICTIONARY PAPER | 720 | | 2 | |
| | | | 720 | 780 | 7 | 108.33 |
| | | | | | 9 | 84.25 |
| | 3400 | END LEAF OFFSET - HI ORAQUE | 400 | | 1 | |
| | | | 400 | 400 | 5 | 100.00 |
| | | | | | 6 | 83.33 |
| | 3835 | WHITE BOOK LITE | 730 | 780 | 4 | 106.84 |
| | | | | | 4 | 106.84 |
| | 6100 | WHITE CAP GUN STOCK | 590 | 650 | 2 | 110.16 |
| | | | | | 2 | 110.16 |
| | 7100 | K WHITE OFFSET | 720 | | 2 | |
| | | | 720 | 780 | 6 | 108.33 |
| | | | | | 8 | 81.24 |
| | 7101 | K WHITE OFFSET | 730 | 780 | 8 | 106.84 |
| | | | | | 8 | 106.84 |
| | 7102 | K WHITE OFFSET | 730 | | 1 | |
| | | | 730 | 760 | 1 | 104.10 |
| | | | | | 2 | 52.05 |
| | 7122 | BW K OFFSET - ANTIQUE | 730 | | 1 | |
| | | | 730 | 630 | 2 | 86.30 |
| | | | 730 | 660 | 2 | 90.41 |
| | | | 730 | 700 | 1 | 95.89 |
| | | | | | 6 | 74.88 |
| | 7123 | BW K OFFSET - ANTIQUE | 650 | 700 | 1 | 107.69 |
| | | | | | 1 | 107.69 |
| | | | | | | 89.26 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 140 | ELECTRO 11A | 600 | 610 | 2 | 101.66 |
| | | | | | 2 | 101.66 |
| | 202 | LAUREL TEXT - RS | 720 | 770 | 5 | 106.94 |
| | | | | | 5 | 106.94 |
| | 203 | LAUREL TEXT - RS | 720 | 730 | 2 | 101.38 |
| | | | 720 | 760 | 2 | 105.55 |
| | | | 720 | 770 | 7 | 106.94 |
| | | | | | 11 | 105.67 |
| | 221 | CAMELIA MATTE RS | 720 | | 1 | |
| | | | 720 | 750 | 2 | 104.16 |
| | | | 720 | 770 | 9 | 106.94 |
| | | | | | 12 | 97.56 |
| | 262 | HM WEB BASE STOCK R/S | 720 | 770 | 2 | 106.94 |
| | | | | | 2 | 106.94 |
| | 272 | TYPE IV BASE STOCK LIQ. TONER | 480 | 450 | 2 | 93.75 |
| | | | | | 2 | 93.75 |
| | 273 | TYPE IV E DT BLADE BASE | 520 | 430 | 3 | 82.69 |
| | | | 520 | 770 | 1 | 148.07 |
| | | | | | 4 | 99.03 |
| | 276 | TYPE IV E DT BLADE BASE | 550 | | 5 | |
| | | | 550 | 480 | 11 | 87.27 |
| | | | 550 | 500 | 16 | 90.90 |
| | | | 550 | 720 | 1 | 130.90 |
| | | | | | 33 | 77.12 |
| | 1800 | PRIDE OPAQUE | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 2102 | BRITISH OPAQUE | 720 | 760 | 4 | 105.55 |
| | | | | | 4 | 105.55 |
| | 2200 | IMPERIAL BIBLE | 700 | 725 | 3 | 103.57 |
| | | | | | 3 | 103.57 |
| | 2210 | IMPERIAL BIBLE EF NAT RUB | 700 | | 3 | |
| | | | 700 | 750 | 12 | 107.14 |
| | | | | | 15 | 85.71 |
| | 2407 | SHAKESPEARE THIN | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 2426 | SHAKESPEARE THIN | 600 | 725 | 4 | 120.83 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 4 | 120.83 |
| | 2504 | SOLITUDE OPAQUE | 720 | | 1 | |
| | | | | | 1 | |
| | 2513 | IBM SUPERIOR OFFSET | 700 | 720 | 7 | 102.85 |
| | | | 700 | 740 | 1 | 105.71 |
| | | | 700 | 750 | 3 | 107.14 |
| | | | | | 11 | 104.28 |
| | 3501 | SCHOOL COTE | 670 | 700 | 3 | 104.47 |
| | | | | | 3 | 104.47 |
| | 3502 | SCHOOL COTE | 630 | | 2 | |
| | | | | | 2 | |
| | 7000 | CALENDAR PAD OFFSET | 700 | 740 | 5 | 105.71 |
| | | | | | 5 | 105.71 |
| | | | | | | 92.09 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2000 | BRITE LITE THIN | 650 | | 1 | |
| | | | | | 1 | |
| | 2011 | ZONDERLITE 84 | 650 | | 2 | |
| | | | | | 2 | |
| | 2223 | NATO TEXT BIBLE 80 | 650 | | 1 | |
| | | | | | 1 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 6400 | CIGARETTE TIPPING - CORK | 570 | | 3 | |
| | | | | | 3 | |
| | 6717 | WHITE CRIMPING PAPER | 600 | | 3 | |
| | | | | | 3 | |
| | 6720 | PLUG WRAP | 600 | | 1 | |
| | | | | | 1 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 525 | LIQUID TONER CONDUCTIVE | 420 | | 3 | |
| | | | | | 3 | |
| | 526 | ELECTROSTATIC -A B DICK | 510 | | 14 | |
| | | | | | 14 | |
| | 533 | ELECTROSTATIC - AB DICK | 510 | | 2 | |
| | | | | | 2 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 802 | LAUREL TEXT | 1250 | | 3 | |
| | | | | | 3 | |
| | 803 | LAUREL TEXT | 1250 | | 6 | |
| | | | | | 6 | |
| | 821 | CAMELIA MATTE | 1250 | | 10 | |
| | | | | | 10 | |
| | 833 | CAMELIA MATTE | 1300 | | 1 | |
| | | | | | 1 | |
| | 846 | RAM KOTE | 1300 | | 1 | |
| | | | | | 1 | |
| | 853 | H W MASTER -- NON BLEED II | 1000 | | 1 | |
| | | | | | 1 | |
| | 862 | H M WEB | 1300 | | 1 | |
| | | | | | 1 | |
| | 872 | MASTERBASE TYPE IV CLT | 280 | | 5 | |
| | | | | | 5 | |
| | 873 | MASTERBASE TYPE IV DTHW | 425 | | 3 | |
| | | | | | 3 | |
| | 876 | MASTERBASE TYPE IV DT | 425 | | 48 | |
| | | | | | 48 | |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 01/28/81
7B00I  OPTION ROUTE=LST                                                    0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1          0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                       0012
7B00I  INPFIL BLKSIZE=4080                                                 0013
7B00I  OUTFIL BLKSIZE=4080                                                 0014
7B00I  END                                                                 0015

7J03I SORT  COMPLETE, IN 688, OUT 688.
```

SA 85615

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 116 | 114 | 7 | 98.27 |
| | | | 116 | | 1 | |
| | | | | | 8 | 85.98 |
| | 2000 | BRITE LITE THIN | 110 | 116 | 2 | 105.45 |
| | | | 110 | 105 | 1 | 95.45 |
| | | | 110 | 93 | 7 | 84.54 |
| | | | 110 | 92 | 3 | 83.63 |
| | | | 110 | | 2 | |
| | | | | | 15 | 76.60 |
| | 2005 | BRITE LITE THIN | 110 | 116 | 3 | 105.45 |
| | | | | | 3 | 105.45 |
| | 2007 | BRITE LITE PLUS | 110 | 99 | 3 | 90.00 |
| | | | | | 3 | 90.00 |
| | 2009 | ROYAL LITE | 116 | 108 | 2 | 93.10 |
| | | | | | 2 | 93.10 |
| | 2200 | IMPERIAL BIBLE | 110 | 112 | 4 | 101.81 |
| | | | | | 4 | 101.81 |
| | 2213 | ANDERPAQUE BIBLE | 105 | 110 | 3 | 104.76 |
| | | | | | 3 | 104.76 |
| | 2223 | NATO TEXT BIBLE 80 | 102 | 116 | 9 | 113.72 |
| | | | 102 | 108 | 29 | 105.88 |
| | | | 102 | 101 | 3 | 99.01 |
| | | | 102 | | 7 | |
| | | | | | 48 | 91.47 |
| | 2225 | MEMORIAL OPAQUE | 118 | 103 | 7 | 87.28 |
| | | | | | 7 | 87.28 |
| | 6400 | CIGARETTE TIPPING - CORK | 114 | 100 | 2 | 87.71 |
| | | | 114 | 98 | 1 | 85.96 |
| | | | 114 | 92 | 14 | 80.70 |
| | | | 114 | | 3 | |
| | | | | | 20 | 69.55 |
| | | | | 106 | | 86.05 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7100 | K WHITE OFFSET | 142 | 146 | 3 | 102.81 |
| | | | 142 | 140 | 2 | 98.59 |
| | | | 142 | 131 | 8 | 92.25 |
| | | | 142 | | 1 | |
| | | | | | 14 | 88.82 |
| | 7102 | K WHITE OFFSET | 142 | 146 | 2 | 102.81 |
| | | | 142 | 140 | 2 | 98.59 |
| | | | | | 4 | 100.70 |
| | | | | 141 | | 89.72 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 1100 | E. B. NEW SHADE | 138 | | 3 | |
| | | | | | 3 | |
| | 1405 | M H SPECIAL LIGHT WEIGHT | 116 | 116 | 9 | 100.00 |
| | | | | | 9 | 100.00 |
| | 2009 | ROYAL LITE | 132 | | 2 | |
| | | | | | 2 | |
| | 2204 | IMPERIAL BIBLE | 134 | 128 | 1 | 95.52 |
| | | | | | 1 | 95.52 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 128 | 128 | 11 | 100.00 |
| | | | 128 | | 1 | |
| | | | | | 12 | 91.66 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 130 | 20 | 98.48 |
| | | | 132 | 114 | 1 | 86.36 |
| | | | 132 | | 9 | |
| | | | | | 30 | 68.53 |
| | 2232 | LOLLIPOP BIBLE | 134 | 125 | 5 | 93.28 |
| | | | | | 5 | 93.28 |
| | 2504 | SOLITUDE OPAQUE | 134 | 129 | 4 | 96.26 |
| | | | | | 4 | 96.26 |
| | 2513 | IBM SUPERIOR OFFSET | 134 | 105 | 2 | 78.35 |
| | | | | | 2 | 78.35 |
| | 2526 | SOLITUDE OPAQUE | 134 | 122 | 7 | 91.04 |
| | | | | | 7 | 91.04 |
| | 2528 | A H DICTIONARY | 136 | 121 | 11 | 88.97 |
| | | | 136 | | 1 | |
| | | | | | 12 | 81.55 |
| | 2554 | SOLITUDE OPAQUE | 134 | 121 | 3 | 90.29 |
| | | | | | 3 | 90.29 |
| | 3040 | SPECIAL SUPERIOR BOOK | 134 | 132 | 20 | 98.50 |
| | | | 134 | | 2 | |
| | | | | | 22 | 89.54 |
| | | | | 127 | | 80.50 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 1000 | Q.P. OFFSET | 114 | | 1 | |
| | | | | | 1 | |
| | 1203 | A.M. PRIDE | 120 | 123 | 4 | 102.50 |
| | | | 120 | 122 | 12 | 101.66 |
| | | | 120 | 119 | 2 | 99.16 |
| | | | 120 | 117 | 1 | 97.50 |
| | | | 120 | 112 | 2 | 93.33 |
| | | | 120 | | 4 | |
| | | | | | 25 | 84.49 |
| | 1547 | B.W. J OFFSET M F | 106 | | 1 | |
| | | | | | 1 | |
| | 1800 | PRIDE OPAQUE | 110 | 101 | 2 | 91.81 |
| | | | | | 2 | 91.81 |
| | 2241 | LAWYERS OFFSET | 110 | 108 | 6 | 98.18 |
| | | | 110 | | 1 | |
| | | | | | 7 | 84.15 |
| | 2505 | SOLITUDE OPAQUE | 110 | | 1 | |
| | | | | | 1 | |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 116 | 1 | 105.45 |
| | | | 110 | 112 | 2 | 101.81 |
| | | | 110 | 107 | 4 | 97.27 |
| | | | 110 | 105 | 13 | 95.45 |
| | | | 110 | | 1 | |
| | | | | | 21 | 92.33 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 104 | 3 | 99.04 |
| | | | | | 3 | 99.04 |
| | 2516 | CELLUPAQUE | 114 | 117 | 7 | 102.63 |
| | | | 114 | | 4 | |
| | | | | | 11 | 65.31 |
| | 2901 | DICKENS OFFSET | 110 | 98 | 3 | 89.09 |
| | | | | | 3 | 89.09 |
| | 2962 | GPO LOT 21 | 110 | 99 | 5 | 90.00 |
| | | | 110 | | 1 | |
| | | | | | 6 | 75.00 |
| | 3000 | SUPERIOR OFFSET | 110 | 105 | 2 | 95.45 |
| | | | | | 2 | 95.45 |
| | 3001 | SUPERIOR OFFSET | 110 | 101 | 2 | 91.81 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 2 | 91.81 |
| | 3002 | SUPERIOR OFFSET | 110 | 118 | 7 | 107.27 |
| | | | 110 | | 1 | |
| | | | | | 8 | 93.86 |
| | 3038 | HOME DICTIONARY PAPER | 110 | 112 | 7 | 101.81 |
| | | | 110 | | 2 | |
| | | | | | 9 | 79.18 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 109 | 3 | 90.83 |
| | | | 120 | 107 | 2 | 89.16 |
| | | | 120 | | 1 | |
| | | | | | 6 | 75.13 |
| | 3835 | WHITE BOOK LITE | 105 | 107 | 4 | 101.90 |
| | | | | | 4 | 101.90 |
| | 6100 | WHITE CAP GUN STOCK | 108 | 113 | 2 | 104.62 |
| | | | | | 2 | 104.62 |
| | 7100 | K WHITE OFFSET | 110 | 116 | 3 | 105.45 |
| | | | 110 | 112 | 3 | 101.81 |
| | | | 110 | | 2 | |
| | | | | | 8 | 77.72 |
| | 7101 | K WHITE OFFSET | 110 | 110 | 2 | 100.00 |
| | | | 110 | 107 | 2 | 97.27 |
| | | | 110 | 106 | 4 | 96.36 |
| | | | | | 8 | 97.49 |
| | 7102 | K WHITE OFFSET | 110 | 111 | 1 | 100.90 |
| | | | 110 | | 1 | |
| | | | | | 2 | 50.45 |
| | 7122 | BW K OFFSET - ANTIQUE | 110 | 112 | 5 | 101.81 |
| | | | 110 | | 1 | |
| | | | | | 6 | 84.84 |
| | 7123 | BW K OFFSET - ANTIQUE | 110 | 113 | 1 | 102.72 |
| | | | | | 1 | 102.72 |
| | | | | 111 | | 83.28 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 140 | ELECTRO 11A | 144 | 119 | 2 | 82.63 |
| | | | | | 2 | 82.63 |
| | 202 | LAUREL TEXT - RS | 104 | 111 | 5 | 106.73 |
| | | | | | 5 | 106.73 |
| | 203 | LAUREL TEXT - RS | 104 | 112 | 2 | 107.69 |
| | | | 104 | 108 | 7 | 103.84 |
| | | | 104 | 103 | 2 | 99.03 |
| | | | | | 11 | 103.66 |
| | 221 | CAMELIA MATTE RS | 104 | 114 | 11 | 109.61 |
| | | | 104 | | 1 | |
| | | | | | 12 | 100.47 |
| | 262 | HM WEB BASE STOCK R/S | 121 | 108 | 2 | 89.25 |
| | | | | | 2 | 89.25 |
| | 272 | TYPE IV BASE STOCK LIQ. TONER | 144 | 119 | 2 | 82.63 |
| | | | | | 2 | 82.63 |
| | 273 | TYPE IV E DT BLADE BASE | 124 | 113 | 2 | 91.12 |
| | | | 124 | 111 | 2 | 89.51 |
| | | | | | 4 | 90.31 |
| | 276 | TYPE IV E DT BLADE BASE | 124 | 118 | 2 | 95.16 |
| | | | 124 | 109 | 26 | 87.90 |
| | | | 124 | | 5 | |
| | | | | | 33 | 75.02 |
| | 1800 | PRIDE OPAQUE | 110 | 107 | 2 | 97.27 |
| | | | | | 2 | 97.27 |
| | 2102 | BRITISH OPAQUE | 110 | 108 | 4 | 98.18 |
| | | | | | 4 | 98.18 |
| | 2200 | IMPERIAL BIBLE | 110 | 112 | 3 | 101.81 |
| | | | | | 3 | 101.81 |
| | 2210 | IMPERIAL BIBLE EF NAT RUB | 96 | 116 | 3 | 120.83 |
| | | | 96 | 111 | 9 | 115.62 |
| | | | 96 | | 3 | |
| | | | | | 15 | 93.53 |
| | 2407 | SHAKESPEARE THIN | 110 | 98 | 2 | 89.09 |
| | | | | | 2 | 89.09 |
| | 2426 | SHAKESPEARE THIN | 102 | 98 | 4 | 96.07 |
| | | | | | 4 | 96.07 |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 8
RUN DATE: 01/28/81 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2504 | SOLITUDE OPAQUE | 110 | | 1 | |
| | | | | | 1 | |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 105 | 11 | 95.45 |
| | | | | | 11 | 95.45 |
| | 3501 | SCHOOL COTE | 105 | 104 | 3 | 99.04 |
| | | | | | 3 | 99.04 |
| | 3502 | SCHOOL COTE | 105 | | 2 | |
| | | | | | 2 | |
| | 7000 | CALENDAR PAD OFFSET | 110 | 110 | 5 | 100.00 |
| | | | | | 5 | 100.00 |
| | | | | 109 | | 88.86 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2000 | BRITE LITE THIN | 105 | | 1 | |
| | | | | | 1 | |
| | 2011 | ZONDERLITE 84 | 105 | | 2 | |
| | | | | | 2 | |
| | 2223 | NATO TEXT BIBLE 80 | 106 | | 1 | |
| | | | | | 1 | |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 6400 | CIGARETTE TIPPING - CORK | 100 | | 3 | |
| | | | | | 3 | |
| | 6717 | WHITE CRIMPING PAPER | 100 | | 3 | |
| | | | | | 3 | |
| | 6720 | PLUG WRAP | 110 | | 1 | |
| | | | | | 1 | |

85624

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 525 | LIQUID TONER CONDUCTIVE | 72 | 60 | 2 | 83.33 |
| | | | 72 | | 1 | |
| | | | | | 3 | 55.55 |
| | 526 | ELECTROSTATIC -A B DICK | 72 | 73 | 3 | 101.38 |
| | | | 72 | 67 | 6 | 93.05 |
| | | | 72 | | 5 | |
| | | | | | 14 | 61.60 |
| | 533 | ELECTROSTATIC - AB DICK | 72 | 67 | 1 | 93.05 |
| | | | 72 | | 1 | |
| | | | | | 2 | 46.52 |
| | | | | 61 | | 59.06 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1981

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 802 | LAUREL TEXT | 102 | 108 | 2 | 105.88 |
| | | | 102 | | 1 | |
| | | | | | 3 | 70.58 |
| | 803 | LAUREL TEXT | 102 | 105 | 5 | 102.94 |
| | | | 102 | 101 | 1 | 99.01 |
| | | | | | 6 | 102.28 |
| | 821 | CAMELIA MATTE | 102 | 111 | 8 | 108.82 |
| | | | 102 | | 2 | |
| | | | | | 10 | 87.05 |
| | 833 | CAMELIA MATTE | 102 | | 1 | |
| | | | | | 1 | |
| | 846 | RAM KOTE | 102 | | 1 | |
| | | | | | 1 | |
| | 853 | H W MASTER - NON BLEED II | 102 | | 1 | |
| | | | | | 1 | |
| | 862 | H M WEB | 102 | 105 | 1 | 102.94 |
| | | | | | 1 | 102.94 |
| | 872 | MASTERBASE TYPE IV CLT | 102 | 119 | 3 | 116.66 |
| | | | 102 | 116 | 2 | 113.72 |
| | | | | | 5 | 115.48 |
| | 873 | MASTERBASE TYPE IV DTHW | 102 | 110 | 1 | 107.84 |
| | | | 102 | 108 | 2 | 105.88 |
| | | | | | 3 | 106.53 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 115 | 1 | 112.74 |
| | | | 102 | 106 | 27 | 103.92 |
| | | | 102 | | 20 | |
| | | | | | 48 | 60.80 |
| | | | | 107 | | 71.07 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 01/28/81
7B00I  OPTION ROUTE=LST                                                  0013
7B00I  SORT FIELDS=(15,2,A,19,4,A),FORMAT=BI,WORK=1,FILES=2              0014
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0015
7B00I  INPFIL BLKSIZE=4080                                               0016
7B00I  OUTFIL BLKSIZE=4080                                               0017
7B00I  END                                                               0018

7J03I SORT  COMPLETE, IN 1666, OUT 1666.
```

1 1701
2 1702
3 1800
4 1805
5 1900
6 2240
7 2243
8 2512
9 2514
10 2516
11 2961
12 3400
13 7100
14 7104
15 7122
16 0253
17 2021
18 2500
19 2503
20 2505
21 3001
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40

© WILSON JONES COMPANY G7214 GREEN 7214 BUFF PAT APPL FOR

| | | | |
|---|---|---|---|
| 53580 | | [illegible] | 16 |
| 44470 | | 44470 | 16 |
| 97560 | | 97560 | 16 |
| 25190 | | [illegible] | 16 |
| 31830 | | 31830 | 16 |
| 222650 | | [illegible] | 16 |
| 222130 | | [illegible] | 16 |
| 320610 | 281420 | [illegible] | 14 |
| 524580 | 71680 | 122260 | 16 |
| 53580 | | 53580 | 16 |
| 142560 | | 142560 | [illegible] |
| 35720 | | 35720 | 03 |
| 46900 | | 46900 | 16 |
| 53980 | | 53980 | 16 |
| 51820 | | 51820 | 14 |
| [illegible] | 70430 | 70430 | 04 |
| | 114980 | 114980 | 15 |
| | 420460 | 420460 | 16 |
| | 21830 | 21830 | 16 |
| | 22140 | 22140 | 16 |
| | 46890 | 46890 | 16 |
| | 3 114410 | | |

5902750 - 1040

12411:30

9524810 1456

DECEMBER, 1980

| | | #05 | #06 | TOTAL | |
|---|---|---|---|---|---|
| 1 | 2002 | 12640 | | 12640 | 15 |
| 2 | 2007 | 831240 | | 831240 | 6 |
| 3 | 2009 | 53210 | | 53210 | 16 |
| 4 | 2021 | 20850 | | 20850 | 5 |
| 5 | 2022 | 382150 | | 382150 | 16 |
| 6 | 0033 | 55540 | | 55540 | 16 |
| 7 | 0142 | 1356230 | 305140 | 305140 | 10 |
| 8 | 1900 | | 47350 | 47350 | 16 |
| 9 | 1900 | | 387710 | 387710 | 16 |
| 10 | 2102 | | 238170 | 238170 | 16 |
| 11 | 2104 | | 12290 | 12290 | 16 |
| 12 | 2254 | | 5700 | 5700 | 16 |
| 13 | 2502 | | 145430 | 145430 | 16 |
| 14 | 2513 | | 1150260 | 1150260 | 14 |
| 15 | 2961 | | 524920 | 524920 | 16 |
| 16 | 3002 | | 16060 | 16060 | 16 |
| 17 | 3024 | | 7720 | 7720 | 14 |
| 18 | 3038 | | 21400 | 21400 | 16 |
| 19 | 3830 | | 202580 | 202580 | 16 |
| 20 | 7000 | | 314020 | 314020 | 16 |
| 21 | 7101 | | 44810 | 44810 | 16 |
| 22 | 7102 | | 80100 | 80100 | 16 |
| 23 | 7103 | | 97880 | 97880 | 16 |
| 24 | 7123 | | 24940 | 24940 | 14 |
| 25 | 0205 | | 3626480 | | |
| 26 | 1803 | | | | |
| 27 | 2003 | | | | |
| 28 | 2011 | | | | |
| 29 | 2224 | | | | |
| 30 | 2236 | | | | |
| 31 | 2502 | | | | |
| 32 | 2528 | | | | |
| 33 | 3502 | | | | |
| 34 | 3510 | | | | |
| 35 | 3512 | | | | |
| 36 | 0202 | | | | |
| 37 | 0206 | | | | |
| 38 | 0276 | | | | |
| 39 | 1000 | | | | |
| 40 | 1503 | | | | |
| | | | | 4482110 | 1515 |

C. WILSON JONES COMPA G7214 GREEN 7214 BU PAT APPL FOR

SA 053630

| | | | | |
|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | |
| 209610 | | | 0,060 | 16 |
| 51470 | | | 51470 | 5 |
| 240935 | | | 240935 | 16 |
| | | 46000 | 46000 | 16 |
| | 169680 | | 169680 | 16 |
| | 68840 | 58000 | 126[illegible]0 | 16 |
| | 60470 | | 60470 | 16 |
| | 178680 | | 178680 | 16 |
| | 40770 | | 40770 | 16 |
| 197580 | | | 197580 | 16 |
| 102140 | | | 102140 | 16 |
| 11940 | | 8250 | 20190 | 16 |
| 109230 | | | 109230 | 16 |
| 118660 | | | 118660 | 16 |
| 329280 | | | 329280 | 16 |
| 24110 | | | 24110 | 16 |
| 532430 | | | 532430 | 16 |
| 56640 | | 258260 | 315000 | 16 |
| 112795 | | | 112795 | 16 |
| 83130 | | | 83130 | 16 |
| 3780250 | 49020 | 57960 | 66980 | 16 |
| | 4200 | | 4200 | 16 |
| | 64290 | 1216310 | 1280600 | 08 |
| | 375260 | 309520 | 684780 | 16 |
| | 382250 | | 382250 | 16 |

577 MADE IN U S A

PROGRAM: A4PS35C2 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 12/30/80 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

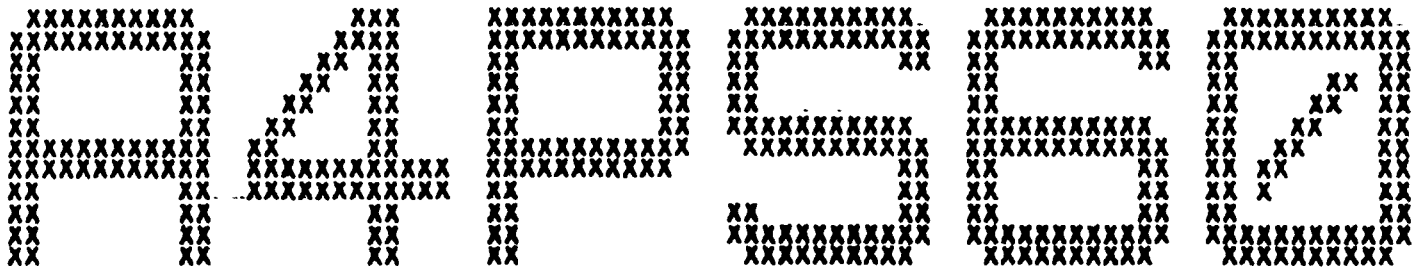
| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 24.00 | 2002 | BRITE LITE THIN | 9.9 | 8.8 | 96.97 | 19387 | 12640 | | 12640 | 65.19 |
| 5 | 20.00 | 2007 | BRITE LITE PLUS | 464.1 | 423.4 | 99.52 | 780892 | 831240 | 26940 | 804300 | 102.99 |
| 5 | 21.00 | 2009 | ROYAL LITE | 26.7 | 25.8 | 105.41 | 51580 | 53210 | | 53210 | 103.22 |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 13.6 | 13.1 | 103.56 | 23933 | 20850 | | 20850 | 87.11 |
| 5 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 204.5 | 192.0 | 102.42 | 376358 | 382150 | 4050 | 378100 | 99.93 |
| 5 | 22.00 | 2233 | IMPERIAL BIBLE EXTRA | 28.5 | 27.4 | 104.86 | 59971 | 55540 | 1470 | 54070 | 90.16 |
| | 20.44 | | MACH TOTAL 1.09091 | 747.5 | 690.5 | 100.77 | 1314091 | 1355630 | 32460 | 1323170 | 100.69 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 60.3 | 54.5 | 98.60 | 289153 | 305140 | 5320 | 299820 | 103.68 |
| 6 | 30.00 | 1808 | PRIDE OPAQUE | 16.0 | 13.3 | 90.68 | 57518 | 47350 | | 47350 | 82.32 |
| 6 | 40.00 | 1909 | TENNYSON OFFSET | 83.4 | 81.1 | 105.13 | 283193 | 387710 | | 387710 | 136.90 |
| 6 | 30.00 | 2102 | BRITISH OPAQUE | 58.5 | 54.1 | 100.89 | 220205 | 238170 | 5730 | 232440 | 105.55 |
| 6 | 35.00 | 2104 | BRITISH OPAQUE | 3.2 | 2.9 | 98.86 | 14485 | 12290 | | 12290 | 84.84 |
| 6 | 32.00 | 2284 | EX. WHITE IMPERIAL B | 2.3 | 1.4 | 66.40 | 6706 | 5700 | | 5700 | 84.24 |
| 6 | 28.00 | 2502 | SOLITUDE OPAQUE | 36.3 | 30.9 | 92.35 | 102092 | 145430 | 2830 | 142600 | 139.67 |
| 6 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 203.5 | 184.0 | 98.64 | 1065596 | 1150260 | 49750 | 1100510 | 103.27 |
| 6 | 50.00 | 2961 | BW 6 OFFSET | 75.0 | 73.0 | 106.18 | 494706 | 524920 | | 524920 | 106.10 |
| 6 | 50.00 | 3002 | SUPERIOR OFFSET | 5.8 | 3.4 | 63.95 | 25025 | 16060 | | 16060 | 64.17 |
| 6 | 60.00 | 3024 | SUPERIOR OFFSET - AN | 1.0 | 1.0 | 109.09 | 6759 | 7720 | | 7720 | 114.21 |
| 6 | 38.00 | 3038 | HOME DICTIONARY PAPE | 4.3 | 3.8 | 88.80 | 19697 | 21400 | | 21400 | 108.64 |
| 6 | 38.00 | 3838 | WHITE BOOKLITE | 58.3 | 45.9 | 84.77 | 210315 | 202580 | 750 | 201830 | 95.96 |
| 6 | 40.00 | 7000 | CALENDAR PAD OFFSET | 50.5 | 46.7 | 100.88 | 275648 | 314020 | | 314020 | 113.92 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | | | | | | | | |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 7.2 | 6.3 | 95.45 | 40793 | 44810 | | 44810 | 109.84 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 11.5 | 10.9 | 103.49 | 74237 | 80100 | | 80100 | 107.89 |
| 6 | 55.00 | 7103 | K WHITE OFFSET | 12.8 | 12.0 | 107.39 | 88623 | 97880 | | 97880 | 110.44 |
| 6 | 55.00 | 7123 | BW K OFFSET - ANTIQU | 3.5 | 3.5 | 109.09 | 25680 | 24940 | | 24940 | 97.88 |
| | 41.72 | | MACH TOTAL 1.09091 | 673.6 | 608.4 | 98.53 | 3800291 | 3626480 | 64380 | 3562100 | 107.93 |
| 7 | 48.00 | 205 | LAUREL TEXT R.S& | 38.2 | 36.0 | 102.81 | 189000 | 197580 | 17450 | 180130 | 95.30 |
| 7 | 33.00 | 1803 | PRIDE OPAQUE | 24.4 | 21.1 | 94.34 | 92517 | 102140 | | 102140 | 110.40 |
| 7 | 25.00 | 2003 | BRITE LITE THIN | 4.5 | 4.2 | 101.82 | 11024 | 11940 | | 11940 | 108.30 |
| 7 | 20.00 | 2007 | BRITE LITE PLUS | | | | | | | | |
| 7 | 21.00 | 2009 | ROYAL LITE | 98.0 | 89.1 | 99.18 | 207468 | 209910 | 1210 | 208700 | 100.59 |
| 7 | 20.00 | 2011 | ZONDERLITE 84 | 83.0 | 64.7 | 85.04 | 136122 | 109230 | 10990 | 98240 | 72.17 |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 21.8 | 20.8 | 102.59 | 48377 | 51470 | 850 | 50620 | 109.14 |
| 7 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 189.3 | 93.9 | 102.13 | 237975 | 240935 | 22410 | 218525 | 91.82 |
| 7 | 24.00 | 2224 | NATO TEXT 80GM | 92.7 | 42.4 | 87.77 | 130251 | 118660 | 2580 | 116080 | 89.12 |
| 7 | 26.00 | 2236 | WHITE IMPERIAL BIBLE | 101.0 | 98.2 | 106.07 | 324666 | 329280 | 9390 | 319890 | 98.55 |
| 7 | 28.00 | 2502 | SOLITUDE OPAQUE | 7.1 | 5.9 | 90.65 | 23226 | 24110 | | 24110 | 103.80 |
| 7 | 28.00 | 2528 | A H DICTIONARY | 149.1 | 140.8 | 102.43 | 501489 | 532430 | 11640 | 520790 | 103.84 |
| 7 | 50.00 | 3502 | SCHOOL COTE | 18.8 | 18.8 | 106.19 | 79230 | 56640 | 1340 | 55300 | 69.79 |
| 7 | 42.00 | 3510 | IRWIN OPAQUE COTE | 27.0 | 20.3 | 106.26 | 93008 | 112795 | | 112795 | 121.24 |
| 7 | 50.00 | 3512 | IRWIN OPAQUE COTE | 22.6 | 19.7 | 95.09 | 85245 | 83130 | | 83130 | 97.53 |
| | 29.61 | | MACH TOTAL 1.09091 | 748.5 | 680.3 | 99.15 | 2157518 | 2180250 | 77860 | 2102390 | 97.44 |
| 8 | 38.00 | 203 | LAUREL TEXT - RS | 13.5 | 12.8 | 96.97 | 51507 | 49020 | | 49020 | 95.17 |
| 8 | 58.00 | 206 | LAUREL TEXT R.S& | .9 | .6 | 72.73 | 3204 | 4200 | | 4200 | 131.08 |

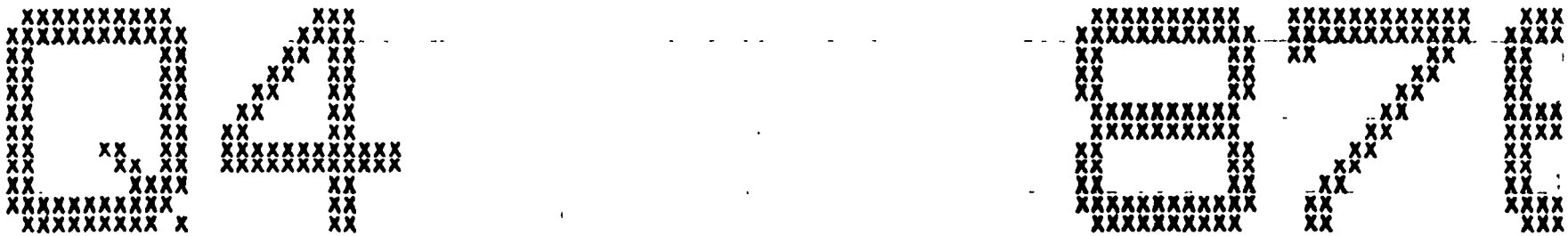
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 60.00 | 276 | TYPE IV BLADE BASE | 12.5 | 12.5 | 109.09 | 59014 | 64290 | 5800 | 58490 | 99.11 |
| 8 | 45.00 | 1000 | Q.P. OFFSET | 71.4 | 69.5 | 106.19 | 356511 | 375260 | 4250 | 371010 | 104.06 |
| 8 | 30.00 | 1203 | A.M. PRIDE | | | | | | | | |
| 8 | 40.00 | 1503 | J OFFSET | 73.8 | 73.1 | 108.06 | 326463 | 382250 | | 382250 | 117.08 |
| 8 | 45.00 | 1701 | B W 'J' OPAQUE | 10.5 | 10.8 | 109.09 | 49694 | 53380 | | 53380 | 107.41 |
| 8 | 50.00 | 1702 | J OPACIFIED OFFSET | 7.2 | 7.0 | 106.06 | 38138 | 44480 | | 44480 | 116.62 |
| 8 | 30.00 | 1800 | PRIDE OPAQUE | 33.0 | 27.7 | 91.57 | 94473 | 97560 | | 97560 | 103.26 |
| 8 | 35.00 | 1805 | ALLIED PRIDE | 5.8 | 5.6 | 105.33 | 23184 | 25190 | | 25190 | 108.65 |
| 8 | 40.00 | 1900 | TENNYSON OFFSET | 6.7 | 6.2 | 100.95 | 28947 | 31830 | | 31830 | 109.95 |
| 8 | 30.00 | 2240 | LAWYERS WHITE OFFSET | 68.7 | 62.3 | 98.93 | 222582 | 232650 | | 232650 | 104.52 |
| 8 | 43.00 | 2243 | LAWYERS OFFSET | 42.0 | 41.3 | 107.27 | 203474 | 222830 | | 222830 | 109.51 |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 72.0 | 68.5 | 103.79 | 297433 | 320610 | 1020 | 319590 | 107.44 |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 18.2 | 14.4 | 86.31 | 52605 | 54580 | | 54580 | 103.75 |
| 8 | 30.00 | 2516 | CELLUPAQUE | 14.7 | 14.7 | 109.09 | 49371 | 53580 | | 53580 | 108.52 |
| 8 | 50.00 | 2961 | BW 8 OFFSET | 26.8 | 24.4 | 99.32 | 128385 | 142560 | 800 | 141760 | 110.41 |
| 8 | 35.00 | 2990 | HEAT SET WEB OFFSET | | | | | | | | |
| 8 | 50.00 | 3022 | BW SUPERIOR OFFSET - | | | | | | | | |
| 8 | 38.00 | 3038 | HOME DICTIONARY PAPE | 41.2 | 36.9 | 97.71 | 259523 | 169680 | | 169680 | 106.36 |
| 8 | 80.00 | 3400 | END LEAF OFFSET - HI | 10.2 | 9.7 | 103.74 | 49981 | 35730 | 1800 | 33930 | 67.88 |
| 8 | 30.00 | 3830 | WHITE BOOKLITE | 22.3 | 20.6 | 100.77 | 69792 | 68840 | 4040 | 64800 | 92.84 |
| 8 | 40.00 | 7000 | CALENDAR PAD OFFSET | 16.9 | 15.8 | 100.70 | 72200 | 60470 | | 60470 | 83.75 |
| 8 | 40.00 | 7100 | K WHITE OFFSET | 10.7 | 10.3 | 105.01 | 40144 | 46960 | | 46960 | 116.97 |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 28.8 | 28.1 | 106.44 | 157763 | 178680 | | 178680 | 113.25 |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 86.3 | 78.9 | 99.74 | 437761 | 409720 | | 409720 | 93.59 |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 10.2 | 9.2 | 98.40 | 51115 | 53980 | | 53980 | 105.60 |
| 8 | 50.00 | 7122 | BW K OFFSET - ANTIQU | 8.7 | 8.2 | 102.82 | 47204 | 51820 | | 51820 | 109.77 |
| | 42.69 | | MACH TOTAL 1.89091 | 713.0 | 667.8 | 102.18 | 3870468 | 3230150 | 17710 | 3212440 | 104.62 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 17.0 | 14.1 | 90.48 | 57672 | 57960 | | 57960 | 100.49 |
| 9 | 48.00 | 253 | HWT - NON BLEED R.S. | 16.5 | 15.2 | 100.50 | 70566 | 70430 | 1650 | 68780 | 97.46 |
| 9 | 60.00 | 276 | TYPE IV BLADE BASE | 272.4 | 252.0 | 101.16 | 1250400 | 1216310 | 37340 | 1178970 | 94.28 |
| 9 | 45.00 | 1000 | Q.P. OFFSET | 56.6 | 54.2 | 104.47 | 263212 | 309520 | | 309520 | 117.59 |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 19.3 | 15.7 | 88.74 | 51066 | 46090 | 3040 | 43050 | 84.30 |
| 9 | 25.00 | 2003 | BRITE LITE THIN | 11.6 | 5.4 | 50.78 | 13947 | 8250 | | 8250 | 59.15 |
| 9 | 28.00 | 2201 | IMPERIAL BIBLE | 37.2 | 32.9 | 96.48 | 98067 | 114980 | | 114980 | 117.24 |
| 9 | 30.00 | 2300 | MERRIAM DICTIONARY | 129.5 | 120.8 | 101.76 | 407620 | 420460 | 2230 | 418230 | 102.60 |
| 9 | 30.00 | 2503 | SOLITUDE OPAQUE | 10.2 | 7.1 | 75.94 | 21799 | 21830 | | 21830 | 100.14 |
| 9 | 40.00 | 2505 | SOLITUDE OPAQUE | 5.5 | 4.5 | 89.26 | 17907 | 22140 | | 22140 | 123.63 |
| 9 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 81.3 | 80.0 | 107.35 | 331312 | 381420 | 10830 | 370590 | 111.85 |
| 9 | 35.00 | 2514 | INTERNATIONAL HARVES | 19.3 | 17.5 | 98.92 | 66759 | 71680 | | 71680 | 107.37 |
| 9 | 45.00 | 3001 | SUPERIOR OFFSET | 9.1 | 8.9 | 106.69 | 40567 | 46890 | | 46890 | 115.58 |
| 9 | 50.00 | 3502 | SCHOOL COTE | 59.0 | 48.6 | 89.86 | 240252 | 258360 | | 258360 | 107.53 |
| 9 | 30.00 | 3830 | WHITE BOOKLITE | 20.8 | 17.2 | 90.21 | 59806 | 68090 | | 68090 | 113.85 |
| | 46.97 | | MACH TOTAL 1.89091 | 765.3 | 694.7 | 99.03 | 2990952 | 3114410 | 55090 | 3059320 | 102.28 |
| | | | MILL TOTAL | 3647.9 | 3341.7 | 99.93 | 12833320 | 13506920 | 247500 | 13259420 | 103.32 |
| 10 | 30.00 | 3830 | WHITE BOOKLITE | .1 | .1 | 111.63 | | 1 | | 1 | |
| | 30.00 | | MACH TOTAL 1.11628 | .1 | .1 | 111.63 | | 1 | | 1 | |

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 154.0 | 140.1 | 100.39 | 536098 | 514830 | 3540 | 511290 | 95.37 |
| | 78.00 | | MACH TOTAL 1.10345 | 154.0 | 140.1 | 100.39 | 536098 | 514830 | 3540 | 511290 | 95.37 |
| 17 | 45.00 | 802 | LAUREL TEXT | | | | | | | | |
| 17 | 50.00 | 803 | LAUREL TEXT | 19.3 | 15.3 | 87.48 | 127163 | 108420 | 9340 | 99080 | 77.91 |
| 17 | 60.00 | 805 | LAUREL TEXT | 21.0 | 18.4 | 96.68 | 211907 | 148210 | | 148210 | 69.94 |
| 17 | 70.00 | 806 | LAUREL TEXT | 4.7 | 3.9 | 91.56 | 40016 | 35400 | 8880 | 26520 | 66.27 |
| 17 | 40.00 | 821 | CAMELIA MATTE | | | | | | | | |
| 17 | 55.00 | 853 | H W MASTER - NON BLE | 13.5 | 11.3 | 92.36 | 88464 | 72370 | | 72370 | 81.80 |
| 17 | 86.00 | 871 | MASTERBASE TYPE V LT | 3.8 | 3.8 | 110.35 | 15944 | 41630 | | 41630 | 261.10 |
| 17 | 91.00 | 872 | MASTERBASE TYPE IV O | | | | | | 1075 | 1075 | |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV D | 234.5 | 819.0 | 103.33 | 1102460 | 1027960 | 57106 | 970854 | 88.06 |
| | 79.71 | | MACH TOTAL 1.10345 | 296.8 | 872.3 | 101.24 | 1685954 | 1433990 | 76401 | 1357589 | 85.60 |





| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ********** | START | A4PS60 | 00876 | LAST | 30 | DEC | 80 | 11.26.36 | ******* |
| ********** | START | A4PS60 | 00876 | LAST | 30 | DEC | 80 | 11.26.36 | ******* |
| ********** | START | A4PS60 | 00876 | LAST | 30 | DEC | 80 | 11.26.36 | ******* |
| ********** | START | A4PS60 | 00876 | LAST | 30 | DEC | 80 | 11.26.36 | ******* |
| ********** | START | A4PS60 | 00876 | LAST | 30 | DEC | 80 | 11.26.36 | ******* |
| ********** | START | A4PS60 | 00876 | LAST | 30 | DEC | 80 | 11.26.36 | ******* |
| ********** | START | A4PS60 | 00876 | LAST | 30 | DEC | 80 | 11.26.36 | ******* |
| ********** | START | A4PS60 | 00876 | LAST | 30 | DEC | 80 | 11.26.36 | ******* |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 12/30/80
1B00I  OPTION ROUTE=LST                                                    0010
1B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,50,3,PD,A),WORK=1,FILES=1          0011
1B00I  RECORD TYPE=F,LENGTH=(80,,80)                                       0012
1B00I  INPFIL BLKSIZE=4080                                                 0013
1B00I  OUTFIL BLKSIZE=4080                                                 0014
1B00I  END                                                                 0015

1J03I SORT  COMPLETE, IN 709, OUT 709.
```

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 2002 | BRITE LITE THIN | 600 | 700 | 2 | 116.66 |
| | | | | | 2 | 116.66 |
| | 2007 | BRITE LITE PLUS | 620 | 620 | 2 | 100.00 |
| | | | 620 | 650 | 1 | 104.83 |
| | | | 620 | 700 | 60 | 112.90 |
| | | | | | 63 | 112.36 |
| | 2009 | ROYAL LITE | 620 | 700 | 5 | 112.90 |
| | | | | | 5 | 112.90 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 620 | 700 | 3 | 112.90 |
| | | | | | 3 | 112.90 |
| | 2223 | NATO TEXT BIBLE 80 | 620 | 600 | 2 | 96.77 |
| | | | 620 | 620 | 3 | 100.00 |
| | | | 620 | 650 | 2 | 104.83 |
| | | | 620 | 680 | 2 | 109.67 |
| | | | 620 | 700 | 26 | 112.90 |
| | | | | | 35 | 110.22 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 620 | 700 | 4 | 112.90 |
| | | | | | 4 | 112.90 |
| | | | | | | 111.82 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 500 | 500 | 2 | 100.00 |
| | | | 500 | 520 | 7 | 104.00 |
| | | | | | 9 | 103.11 |
| | 1800 | PRIDE OPAQUE | 750 | 740 | 1 | 98.66 |
| | | | 750 | 750 | 1 | 100.00 |
| | | | 750 | 780 | 1 | 104.00 |
| | | | | | 3 | 100.88 |
| | 1900 | TENNYSON OFFSET | 740 | 740 | 10 | 100.00 |
| | | | | | 10 | 100.00 |
| | 2102 | BRITISH OPAQUE | 750 | 750 | 8 | 100.00 |
| | | | | | 8 | 100.00 |
| | 2104 | BRITISH OPAQUE | 750 | 750 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 2254 | EX. WHITE IMPERIAL BIBLE | 750 | 750 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 2502 | SOLITUDE OPAQUE | 600 | 750 | 4 | 125.00 |
| | | | 600 | 790 | 2 | 131.66 |
| | | | | | 6 | 127.22 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | 740 | 3 | 100.00 |
| | | | 740 | 750 | 5 | 101.35 |
| | | | 740 | 775 | 1 | 104.72 |
| | | | 740 | 780 | 23 | 105.40 |
| | | | | | 32 | 104.23 |
| | 2961 | BW 6 OFFSET | 700 | 700 | 9 | 100.00 |
| | | | 700 | 720 | 5 | 102.85 |
| | | | | | 14 | 101.01 |
| 10 | 3002 | SUPERIOR OFFSET | 700 | 700 | 1 | 100.00 |
| | | | 700 | 740 | 1 | 105.71 |
| | | | | | 2 | 102.85 |
| | 3024 | SUPERIOR OFFSET - ANTIQUE | 620 | 650 | 1 | 104.83 |
| | | | | | 1 | 104.83 |
| | 3038 | HOME DICTIONARY PAPER | 750 | 600 | 1 | 80.00 |
| | | | 750 | 740 | 1 | 98.66 |
| | | | | | 2 | 89.33 |
| | 3830 | WHITE BOOKLITE | 750 | 750 | 3 | 100.00 |
| | | | 750 | 770 | 1 | 102.66 |
| | | | 750 | 790 | 4 | 105.33 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 750 | 800 | 1 | 106.66 |
| | | | | | 9 | 103.40 |
| | 7000 | CALENDAR PAD OFFSET | 740 | 750 | 7 | 101.35 |
| | | | 740 | 790 | 1 | 106.75 |
| | | | | | 8 | 102.02 |
| | 7101 | K WHITE OFFSET | 720 | 780 | 2 | 108.33 |
| | | | | | 2 | 108.33 |
| | 7102 | K WHITE OFFSET | 700 | 700 | 2 | 100.00 |
| | | | 700 | 720 | 2 | 102.85 |
| | | | | | 4 | 101.42 |
| | 7103 | K WHITE OFFSET | 670 | 700 | 4 | 104.47 |
| | | | | | 4 | 104.47 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | 670 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | | | | | | 103.59 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 205 | LAUREL TEXT R.S. | 620 | 625 | 2 | 100.80 |
| | | | 620 | 650 | 6 | 104.83 |
| | | | | | 8 | 103.82 |
| | 1803 | PRIDE OPAQUE | 750 | 780 | 4 | 104.00 |
| | | | | | 4 | 104.00 |
| | 2003 | BRITE LITE THIN | 710 | 800 | 2 | 112.67 |
| | | | | | 2 | 112.67 |
| | 2009 | ROYAL LITE | 670 | 780 | 7 | 116.41 |
| | | | 670 | 800 | 7 | 119.40 |
| | | | | | 14 | 117.90 |
| | 2011 | ZONDERLITE 84 | 670 | 780 | 4 | 116.41 |
| | | | 670 | 800 | 9 | 119.40 |
| | | | | | 13 | 118.48 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 670 | 800 | 4 | 119.40 |
| | | | | | 4 | 119.40 |
| | 2223 | NATO TEXT BIBLE 80 | 670 | 740 | 2 | 110.44 |
| | | | 670 | 800 | 12 | 119.40 |
| | | | | | 14 | 118.12 |
| | 2224 | NATO TEXT "80" | 710 | 780 | 2 | 109.85 |
| | | | 710 | 800 | 5 | 112.67 |
| | | | | | 7 | 111.86 |
| | 2236 | WHITE IMPERIAL BIBLE | 710 | 780 | 1 | 109.85 |
| | | | 710 | 800 | 13 | 112.67 |
| | | | | | 14 | 112.46 |
| | 2502 | SOLITUDE OPAQUE | 750 | 780 | 2 | 104.00 |
| | | | | | 2 | 104.00 |
| | 2528 | A H DICTIONARY | 750 | 500 | 1 | 66.66 |
| | | | 750 | 780 | 1 | 104.00 |
| | | | 750 | 800 | 20 | 106.66 |
| | | | | | 22 | 104.72 |
| | 3502 | SCHOOL COTE | 500 | 500 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 3510 | IRWIN OPAQUE COTE | 500 | 500 | 1 | 100.00 |
| | | | 500 | 575 | 2 | 115.00 |
| | | | 500 | 580 | 2 | 116.00 |
| | | | | | 5 | 112.40 |

58 85642

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3512 | IRWIN OPAQUE COTE | 500 | 500 | 6 | 100.00 |
| | | | | | 6 | 100.00 |
| | | | | | | 111.23 |

053643

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 203 | LAUREL TEXT - RS | 720 | 750 | 3 | 104.16 |
| | | | 720 | 770 | 1 | 106.94 |
| | | | | | 4 | 104.85 |
| | 206 | LAUREL TEXT R.S. | 600 | 640 | 1 | 106.66 |
| | | | | | 1 | 106.66 |
| | 276 | TYPE IV BLADE BASE | 500 | 520 | 4 | 104.00 |
| | | | | | 4 | 104.00 |
| | 1000 | Q.P. OFFSET | 730 | 750 | 8 | 102.73 |
| | | | 730 | 770 | 8 | 105.47 |
| | | | 730 | 780 | 2 | 106.84 |
| | | | | | 18 | 104.40 |
| | 1503 | J OFFSET | 720 | 780 | 10 | 108.33 |
| | | | | | 10 | 108.33 |
| | 1701 | B W 'J' OPAQUE | 730 | 700 | 1 | 95.89 |
| | | | 730 | 780 | 1 | 106.84 |
| | | | | | 2 | 101.36 |
| | 1702 | J OPACIFIED OFFSET | 730 | 780 | 2 | 106.84 |
| | | | | | 2 | 106.84 |
| | 1800 | PRIDE OPAQUE | 730 | 780 | 6 | 106.84 |
| | | | | | 6 | 106.84 |
| | 1805 | ALLIED PRIDE | 730 | 780 | 2 | 106.84 |
| | | | | | 2 | 106.84 |
| | 1900 | TENNYSON OFFSET | 720 | 780 | 1 | 108.33 |
| | | | | | 1 | 108.33 |
| | 2240 | LAWYERS WHITE OFFSET | 730 | 780 | 10 | 106.84 |
| | | | | | 10 | 106.84 |
| | 2243 | LAWYERS OFFSET | 720 | 780 | 7 | 108.33 |
| | | | | | 7 | 108.33 |
| | 2513 | IBM SUPERIOR OFFSET | 720 | 750 | 3 | 104.16 |
| | | | 720 | 770 | 3 | 106.94 |
| | | | 720 | 780 | 11 | 108.33 |
| | | | | | 17 | 107.34 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 730 | 750 | 2 | 102.73 |
| | | | 730 | 780 | 2 | 106.84 |
| | | | | | 4 | 104.78 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2516 | CELLUPAQUE | 730 | 780 | 4 | 106.84 |
| | | | | | 4 | 106.84 |
| | 2961 | BW G OFFSET | 730 | 780 | 5 | 106.84 |
| | | | | | 5 | 106.84 |
| | 3038 | HOME DICTIONARY PAPER | 720 | 780 | 6 | 108.33 |
| | | | | | 6 | 108.33 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 400 | 400 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 3830 | WHITE BOOKLITE | 730 | 780 | 5 | 106.84 |
| | | | | | 5 | 106.84 |
| | 7000 | CALENDAR PAD OFFSET | 720 | 750 | 5 | 104.16 |
| | | | 720 | 760 | 1 | 105.55 |
| | | | | | 6 | 104.39 |
| | 7100 | K WHITE OFFSET | 720 | 780 | 2 | 108.33 |
| | | | | | 2 | 108.33 |
| | 7101 | K WHITE OFFSET | 730 | 780 | 5 | 106.84 |
| | | | | | 5 | 106.84 |
| | 7102 | K WHITE OFFSET | 730 | 680 | 1 | 93.15 |
| | | | 730 | 700 | 6 | 95.89 |
| | | | 730 | 720 | 5 | 98.63 |
| | | | 730 | 730 | 2 | 100.00 |
| | | | 730 | 750 | 3 | 102.73 |
| | | | 730 | 760 | 3 | 104.10 |
| | | | | | 20 | 99.10 |
| | 7104 | K WHITE OFFSET | 590 | 640 | 3 | 108.47 |
| | | | 590 | 650 | 1 | 110.16 |
| | | | | | 4 | 108.89 |
| | 7122 | BW K OFFSET - ANTIQUE | 730 | 720 | 2 | 98.63 |
| | | | | | 2 | 98.63 |
| | | | | | | 105.32 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 720 | 760 | 7 | 105.55 |
| | | | | | 7 | 105.55 |
| | 253 | HWT - NON BLEED R.S. | 600 | 580 | 1 | 96.66 |
| | | | 600 | 620 | 2 | 103.33 |
| | | | | | 3 | 101.10 |
| | 276 | TYPE IV BLADE BASE | 550 | 500 | 42 | 90.90 |
| | | | 500 | 525 | 1 | 105.00 |
| | | | | | 43 | 91.22 |
| | 1000 | Q.P. OFFSET | 670 | 740 | 8 | 110.44 |
| | | | | | 8 | 110.44 |
| | 1800 | PRIDE OPAQUE | 720 | 760 | 4 | 105.55 |
| | | | | | 4 | 105.55 |
| | 2003 | BRITE LITE THIN | 700 | 730 | 1 | 104.28 |
| | | | 700 | 770 | 1 | 110.00 |
| | | | | | 2 | 107.14 |
| | 2201 | IMPERIAL BIBLE | 700 | 760 | 5 | 108.57 |
| | | | | | 5 | 108.57 |
| | 2300 | MERRIAM DICTIONARY | 720 | 770 | 18 | 106.94 |
| | | | | | 18 | 106.94 |
| | 2503 | SOLITUDE OPAQUE | 720 | 770 | 2 | 106.94 |
| | | | | | 2 | 106.94 |
| | 2505 | SOLITUDE OPAQUE | 700 | 770 | 1 | 110.00 |
| | | | | | 1 | 110.00 |
| | 2513 | IBM SUPERIOR OFFSET | 700 | 760 | 11 | 108.57 |
| | | | 700 | 770 | 3 | 110.00 |
| | | | | | 14 | 108.87 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 720 | 760 | 1 | 105.55 |
| | | | 720 | 770 | 4 | 106.94 |
| | | | | | 5 | 106.66 |
| | 3001 | SUPERIOR OFFSET | 670 | 740 | 2 | 110.44 |
| | | | | | 2 | 110.44 |
| | 3502 | SCHOOL COTE | 630 | 680 | 12 | 107.93 |
| | | | | | 12 | 107.93 |
| | 3830 | WHITE BOOKLITE | 720 | 760 | 4 | 105.55 |
| | | | 720 | 770 | 1 | 106.94 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 5 | 105.82 |
| | | | | | | 102.13 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 3830 | WHITE BOOKLITE | 510 | | 1 | |
| | | | | | 1 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 510 | | 21 | |
| | | | | | 21 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1250 | | 9 | |
| | | | | | 9 | |
| | 805 | LAUREL TEXT | 1250 | | 4 | |
| | | | | | 4 | |
| | 806 | LAUREL TEXT | 1100 | | 2 | |
| | | | | | 2 | |
| | 853 | H W MASTER - NON BLEED II | 1000 | | 3 | |
| | | | | | 3 | |
| | 871 | MASTERBASE TYPE V LTHWM | 350 | | 1 | |
| | | | | | 1 | |
| | 876 | MASTERBASE TYPE IV DT | 425 | | 41 | |
| | | | | | 41 | |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 12/30/80
7B00I  OPTION ROUTE=LST                                                  0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1        0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7B00I  INPFIL BLKSIZE=4080                                               0013
7B00I  OUTFIL BLKSIZE=4080                                               0014
7B00I  END                                                               0015

7J03I SORT  COMPLETE, IN 709, OUT 709.
```

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 12/30/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 2002 | BRITE LITE THIN | 110 | 108 | 2 | 98.18 |
| | | | | | 2 | 98.18 |
| | 2007 | BRITE LITE PLUS | 110 | 106 | 63 | 96.36 |
| | | | | | 63 | 96.36 |
| | 2009 | ROYAL LITE | 116 | 110 | 1 | 94.82 |
| | | | 116 | 108 | 4 | 93.10 |
| | | | | | 5 | 93.44 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 105 | 3 | 102.94 |
| | | | | | 3 | 102.94 |
| | 2223 | NATO TEXT BIBLE 80 | 102 | 108 | 23 | 105.88 |
| | | | 102 | 105 | 12 | 102.94 |
| | | | | | 35 | 104.87 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 102 | 114 | 4 | 111.76 |
| | | | | | 4 | 111.76 |
| | | | | 107 | | 99.64 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 144 | 139 | 5 | 96.52 |
| | | | 144 | 133 | 4 | 92.36 |
| | | | | | 9 | 94.67 |
| | 1800 | PRIDE OPAQUE | 140 | 136 | 3 | 97.14 |
| | | | | | 3 | 97.14 |
| | 1900 | TENNYSON OFFSET | 138 | 131 | 10 | 94.92 |
| | | | | | 10 | 94.92 |
| | 2102 | BRITISH OPAQUE | 138 | 128 | 8 | 92.75 |
| | | | | | 8 | 92.75 |
| | 2104 | BRITISH OPAQUE | 138 | 135 | 1 | 97.82 |
| | | | | | 1 | 97.82 |
| | 2254 | EX. WHITE IMPERIAL BIBLE | 138 | 143 | 1 | 103.62 |
| | | | | | 1 | 103.62 |
| | 2502 | SOLITUDE OPAQUE | 110 | 140 | 6 | 127.27 |
| | | | | | 6 | 127.27 |
| | 2513 | IBM SUPERIOR OFFSET | 148 | 148 | 1 | 105.71 |
| | | | 140 | 140 | 27 | 100.00 |
| | | | 140 | 127 | 4 | 90.71 |
| | | | | | 32 | 99.01 |
| | 2961 | BW 0 OFFSET | 142 | 140 | 10 | 98.59 |
| | | | 142 | 132 | 4 | 92.95 |
| | | | | | 14 | 96.97 |
| | 3002 | SUPERIOR OFFSET | 142 | 149 | 2 | 104.92 |
| | | | | | 2 | 104.92 |
| | 3024 | SUPERIOR OFFSET - ANTIQUE | 142 | 129 | 1 | 90.84 |
| | | | | | 1 | 90.84 |
| | 3038 | HOME DICTIONARY PAPER | 148 | 140 | 2 | 94.59 |
| | | | | | 2 | 94.59 |
| | 3830 | WHITE BOOKLITE | 138 | 146 | 9 | 105.79 |
| | | | | | 9 | 105.79 |
| | 7000 | CALENDAR PAD OFFSET | 142 | 145 | 2 | 102.11 |
| | | | 142 | 140 | 6 | 98.59 |
| | | | | | 8 | 99.47 |
| | 7101 | K WHITE OFFSET | 142 | 142 | 2 | 100.00 |
| | | | | | 2 | 100.00 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7102 | K WHITE OFFSET | 142 | 142 | 2 | 100.00 |
| | | | 142 | 132 | 2 | 92.95 |
| | | | | | 4 | 96.47 |
| | 7103 | K WHITE OFFSET | 142 | 138 | 1 | 97.18 |
| | | | 142 | 135 | 3 | 95.07 |
| | | | | | 4 | 95.59 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 140 | 1 | 98.59 |
| | | | | | 1 | 98.59 |
| | | | | 137 | | 99.40 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 205 | LAUREL TEXT R.S. | 126 | 125 | 8 | 99.20 |
| | | | | | 8 | 99.20 |
| | 1803 | PRIDE OPAQUE | 136 | 126 | 4 | 92.64 |
| | | | | | 4 | 92.64 |
| | 2003 | BRITE LITE THIN | 132 | 105 | 2 | 79.54 |
| | | | | | 2 | 79.54 |
| | 2009 | ROYAL LITE | 132 | 122 | 3 | 92.42 |
| | | | 132 | 117 | 11 | 88.63 |
| | | | | | 14 | 89.44 |
| | 2011 | ZONDERLITE 84 | 105 | 136 | 2 | 129.52 |
| | | | 105 | 120 | 2 | 114.28 |
| | | | 105 | 102 | 9 | 97.14 |
| | | | | | 13 | 104.75 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 127 | 2 | 96.21 |
| | | | 132 | 114 | 2 | 86.36 |
| | | | | | 4 | 91.28 |
| | 2223 | NATO TEXT BIBLE 80 | 132 | 128 | 14 | 96.96 |
| | | | | | 14 | 96.96 |
| | 2224 | NATO TEXT "80" | 134 | 128 | 7 | 95.52 |
| | | | | | 7 | 95.52 |
| | 2236 | WHITE IMPERIAL BIBLE | 132 | 131 | 14 | 99.24 |
| | | | | | 14 | 99.24 |
| | 2502 | SOLITUDE OPAQUE | 134 | 133 | 2 | 99.25 |
| | | | | | 2 | 99.25 |
| | 2528 | A H DICTIONARY | 136 | 121 | 22 | 88.97 |
| | | | | | 22 | 88.97 |
| | 3502 | SCHOOL COTE | 120 | 123 | 3 | 102.50 |
| | | | | | 3 | 102.50 |
| | 3510 | IRWIN OPAQUE COTE | 120 | 124 | 1 | 103.33 |
| | | | 120 | 119 | 4 | 99.16 |
| | | | | | 5 | 99.99 |
| | 3512 | IRWIN OPAQUE COTE | 120 | 124 | 5 | 103.33 |
| | | | 120 | 110 | 1 | 91.66 |
| | | | | | 6 | 101.38 |
| | | | | 124 | | 95.67 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 4 | 96.42 |
| | 2516 | CELLUPAQUE | 114 | 112 | 2 | 98.24 |
| | | | 114 | 105 | 2 | 92.10 |
| | | | | | 4 | 95.17 |
| | 2961 | BW G OFFSET | 110 | 105 | 1 | 95.45 |
| | | | 110 | 102 | 4 | 92.72 |
| | | | | | 5 | 93.26 |
| | 3038 | HOME DICTIONARY PAPER | 110 | 112 | 6 | 101.81 |
| | | | | | 6 | 101.81 |
| | 3400 | END LEAF OFFSET - HI ORAQUE | 120 | 114 | 2 | 95.00 |
| | | | | | 2 | 95.00 |
| | 3830 | WHITE BOOKLITE | 110 | 110 | 5 | 100.00 |
| | | | | | 5 | 100.00 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 6 | 103.63 |
| | | | | | 6 | 103.63 |
| | 7100 | K WHITE OFFSET | 110 | 96 | 2 | 87.27 |
| | | | | | 2 | 87.27 |
| | 7101 | K WHITE OFFSET | 110 | 121 | 5 | 110.00 |
| | | | | | 5 | 110.00 |
| | 7102 | K WHITE OFFSET | 110 | 114 | 4 | 103.63 |
| | | | 110 | 112 | 4 | 101.81 |
| | | | 110 | 108 | 3 | 98.18 |
| | | | 110 | 105 | 6 | 95.45 |
| | | | 110 | 101 | 2 | 91.81 |
| | | | 110 | 99 | 1 | 90.00 |
| | | | | | 20 | 98.13 |
| | 7104 | K WHITE OFFSET | 110 | 120 | 1 | 109.09 |
| | | | 110 | 107 | 2 | 97.27 |
| | | | 110 | 99 | 1 | 90.00 |
| | | | | | 4 | 98.40 |
| | 7122 | BW K OFFSET - ANTIQUE | 110 | 112 | 2 | 101.81 |
| | | | | | 2 | 101.81 |
| | | | | 110 | | 99.72 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 203 | LAUREL TEXT - RS | 104 | 112 | 2 | 107.69 |
| | | | 104 | 109 | 2 | 104.80 |
| | | | | | 4 | 106.24 |
| | 206 | LAUREL TEXT R.S. | 104 | 109 | 1 | 104.80 |
| | | | | | 1 | 104.80 |
| | 276 | TYPE IV BLADE BASE | 124 | 118 | 1 | 95.16 |
| | | | 124 | 112 | 2 | 90.32 |
| | | | 124 | 109 | 1 | 87.90 |
| | | | | | 4 | 90.92 |
| | 1000 | Q.P. OFFSET | 114 | 114 | 11 | 100.00 |
| | | | 114 | 108 | 7 | 94.73 |
| | | | | | 18 | 97.95 |
| | 1503 | J OFFSET | 105 | 110 | 10 | 104.76 |
| | | | | | 10 | 104.76 |
| | 1701 | B W 'J' OPAQUE | 105 | 102 | 2 | 97.14 |
| | | | | | 2 | 97.14 |
| | 1702 | J OPACIFIED OFFSET | 105 | 106 | 2 | 100.95 |
| | | | | | 2 | 100.95 |
| | 1800 | PRIDE OPAQUE | 118 | 116 | 3 | 105.45 |
| | | | 110 | 107 | 3 | 97.27 |
| | | | | | 6 | 101.36 |
| | 1805 | ALLIED PRIDE | 105 | 115 | 2 | 109.52 |
| | | | | | 2 | 109.52 |
| | 1900 | TENNYSON OFFSET | 110 | 115 | 1 | 104.54 |
| | | | | | 1 | 104.54 |
| | 2240 | LAWYERS WHITE OFFSET | 116 | 116 | 10 | 100.00 |
| | | | | | 10 | 100.00 |
| | 2243 | LAWYERS OFFSET | 110 | 113 | 7 | 102.72 |
| | | | | | 7 | 102.72 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 123 | 1 | 111.81 |
| | | | 110 | 118 | 2 | 107.27 |
| | | | 110 | 107 | 3 | 97.27 |
| | | | 110 | 105 | 11 | 95.45 |
| | | | | | 17 | 98.12 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 104 | 3 | 99.04 |
| | | | 105 | 93 | 1 | 88.57 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 111 | 1 | 106.73 |
| | | | 104 | 108 | 2 | 103.84 |
| | | | 104 | 103 | 2 | 99.03 |
| | | | 104 | 101 | 2 | 97.11 |
| | | | | | 7 | 100.95 |
| | 253 | HWT - NON BLEED R.S. | 104 | 119 | 1 | 114.42 |
| | | | 104 | 112 | 2 | 107.69 |
| | | | | | 3 | 109.93 |
| | 276 | TYPE IV BLADE BASE | 124 | 118 | 8 | 95.16 |
| | | | 124 | 109 | 34 | 87.90 |
| | | | 124 | 107 | 1 | 86.29 |
| | | | | | 43 | 89.21 |
| | 1000 | Q.P. OFFSET | 114 | 114 | 8 | 100.00 |
| | | | | | 8 | 100.00 |
| | 1800 | PRIDE OPAQUE | 110 | 107 | 4 | 97.27 |
| | | | | | 4 | 97.27 |
| | 2003 | BRITE LITE THIN | 110 | 105 | 2 | 95.45 |
| | | | | | 2 | 95.45 |
| | 2201 | IMPERIAL BIBLE | 110 | 108 | 5 | 98.18 |
| | | | | | 5 | 98.18 |
| | 2300 | MERRIAM DICTIONARY | 112 | 111 | 18 | 99.10 |
| | | | | | 18 | 99.10 |
| | 2503 | SOLITUDE OPAQUE | 110 | 101 | 2 | 91.81 |
| | | | | | 2 | 91.81 |
| | 2505 | SOLITUDE OPAQUE | 110 | 101 | 1 | 91.81 |
| | | | | | 1 | 91.81 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 107 | 2 | 97.27 |
| | | | 110 | 105 | 10 | 95.45 |
| | | | 110 | 100 | 2 | 90.90 |
| | | | | | 14 | 95.06 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 111 | 2 | 105.71 |
| | | | 105 | 105 | 3 | 100.00 |
| | | | | | 5 | 102.28 |
| | 3001 | SUPERIOR OFFSET | 110 | 107 | 2 | 97.27 |
| | | | | | 2 | 97.27 |
| | 3502 | SCHOOL COTE | 105 | 118 | 4 | 112.38 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 105 | 115 | 4 | 109.52 |
| | | | 105 | 104 | 2 | 99.04 |
| | | | 105 | 98 | 2 | 93.33 |
| | | | | | 12 | 106.02 |
| | 3830 | WHITE BOOKLITE | 110 | 117 | 3 | 106.36 |
| | | | 110 | 108 | 2 | 98.18 |
| | | | | | 5 | 103.08 |
| | | | | 110 | | 96.39 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 3830 | WHITE BOOKLITE | 102 | | 1 | |
| | | | | | 1 | |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 72 | 73 | 3 | 101.38 |
| | | | 72 | 70 | 4 | 97.22 |
| | | | 72 | 67 | 14 | 93.05 |
| | | | | | 21 | 95.03 |
| | | | | 68 | | 95.03 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 109 | 1 | 106.86 |
| | | | 102 | 108 | 1 | 105.88 |
| | | | 102 | 107 | 2 | 104.90 |
| | | | 102 | 105 | 3 | 102.94 |
| | | | 102 | 100 | 1 | 98.03 |
| | | | 102 | 98 | 1 | 96.07 |
| | | | | | 9 | 102.82 |
| | 805 | LAUREL TEXT | 102 | 122 | 4 | 119.60 |
| | | | | | 4 | 119.60 |
| | 806 | LAUREL TEXT | 102 | 106 | 2 | 103.92 |
| | | | | | 2 | 103.92 |
| | 853 | H W MASTER - NON BLEED II | 102 | 116 | 2 | 113.72 |
| | | | 102 | 110 | 1 | 107.84 |
| | | | | | 3 | 111.76 |
| | 871 | MASTERBASE TYPE V LTHWM | 102 | 111 | 1 | 108.82 |
| | | | | | 1 | 108.82 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 115 | 3 | 112.74 |
| | | | 102 | 110 | 2 | 107.84 |
| | | | 102 | 108 | 1 | 105.88 |
| | | | 102 | 107 | 5 | 104.90 |
| | | | 102 | 106 | 26 | 103.92 |
| | | | 102 | 105 | 1 | 102.94 |
| | | | 102 | 98 | 1 | 96.07 |
| | | | | | 41 | 105.13 |
| | | | | 109 | | 106.10 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 12/30/80
7B00I  OPTION ROUTE=LST                                                  0013
7B00I  SORT FIELDS=(15,2,A,19,4,A),FORMAT=BI,WORK=1,FILES=2              0014
7B00I  RECORD TYPE=F,LENGTH=(80,,,80)                                    0015
7B00I  INPFIL BLKSIZE=4080                                               0016
7B00I  OUTFIL BLKSIZE=4080                                               0017
7B00I  END                                                               0018

7J03I SORT  COMPLETE, IN 1881, OUT 1881,
```

1 1533
2 1550
3 2103
4 2505
5 2514
6 3001
7 3400
8 7104
9 0203
10 0212
11 0246
12 1510
13 1805
14 2210
15 2540
16 2514
17 3501
18 3835
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40

C W SON JONES COMPANY G7214 GREEN 7214 BUFF PAT APPL FOR

| #08 | 09 | [illegible] | |
|---|---|---|---|
| 77940 | | [illegible] | 16 |
| 39440 | | [illegible] | [illegible] |
| 63310 | | 63310 | 16 |
| 36140 | | [illegible] | 16 |
| 43440 | | 43440 | 16 |
| 98270 | | [illegible] | 16 |
| 56280 | | 56280 | [illegible] |
| 119450 | | 119450 | 16 |
| 432430 | 106170 | 106170 | 16 |
| | 33300 | [illegible] | 16 |
| | 143720 | [illegible] | 16 |
| | 97850 | 97850 | 16 |
| | 120270 | 120270 | 16 |
| | 35210 | 35210 | 16 |
| | [illegible] | 232610 | 16 |
| | 38500 | 38500 | 16 |
| | 22580 | 22580 | 19 |
| | 90210 | 90210 | 16 |
| | 1820180 | | |
| | | 4065315-16 | |
| | | 6338330 | 1476 |

NOVEMBER, 1980.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | [illegible] | 706500 | | 706500 | 14 | |
| 2 | 1500 | | 54000 | 54000 | 16 | |
| 3 | 1[illegible] | | 56240 | 56240 | 16 | |
| 4 | [illegible] | | 68610 | 68610 | 16 | |
| 5 | [illegible]54 | | 33740 | 33740 | 16 | |
| 6 | [illegible] | | | | | [illegible] |
| 7 | 2000 | 73500 | | 73500 | 16 | [illegible] |
| 8 | [illegible] | 218910 | | 218910 | 15 | |
| 9 | 0142 | [illegible] | 359840 | 359840 | 10 | |
| 10 | 2513 | | 877070 | 877070 | 14 | |
| 11 | [illegible] | | 310810 | 310810 | 16 | |
| 12 | [illegible] | | 59360 | 59360 | 14 | |
| 13 | [illegible] | | 1040370 | 1040370 | 16 | |
| 14 | 3820 | | 234680 | 234680 | 16 | 61260 |
| 15 | 5191 | | 217200 | 217200 | 16 | |
| 16 | 7101 | | 43600 | 43600 | 16 | |
| 17 | 7102 | | 144200 | 144200 | 16 | |
| 18 | 7122 | | 61910 | 61910 | 14 | |
| 19 | 14[illegible] | | 3550[illegible] | | | 47050 |
| 20 | 1400 | | | | | 113830 |
| 21 | 1[illegible] | | | | | [illegible] |
| 22 | 1910 | | | | | [illegible] |
| 23 | [illegible] | | | | | [illegible] |
| 24 | [illegible] | | | | | [illegible] |
| 25 | [illegible] | | | | | [illegible] |
| 26 | [illegible] | | | | | [illegible] |
| 27 | [illegible] | | | | | [illegible] |
| 28 | [illegible] | | | | | [illegible] |
| 29 | [illegible] | | | | | [illegible] |
| 30 | [illegible] | | | | | [illegible] |
| 31 | [illegible] | | | | | [illegible] |
| 32 | [illegible] | | | 2766330 - 16% | | [illegible] |
| 33 | [illegible] | | | | | [illegible] |
| 34 | [illegible] | | | | | [illegible] |
| 35 | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] |
| 36 | [illegible] | | | | [illegible] | [illegible] |
| 37 | [illegible] | | | | | |
| 38 | [illegible] | | | | | |
| 39 | [illegible] | | | | | |
| 40 | 1000 | | | | | |

C. W. LSON JONES COMPANY G7214 GREEN 72 4 BLFD PAT APPL FOR

SA 053666

| | | | | |
|---|---|---|---|---|
| | 132970 | 386310 | 519280 | 16 |
| | | | | |
| | | | | |
| 21130 | | | 21130 | 15 |
| [illegible] | | | 71370 | 16 |
| | | | | |
| | | | | |
| | 250100 | | 250100 | 4 |
| | | | | |
| | | | | |
| 21260 | 64110 | | 1[illegible] | 16 |
| | | | | |
| | 63150 | | 63150 | 16 |
| | 126000 | | 126000 | 16 |
| | | | | |
| 47050 | | | 47050 | 16 |
| 3830 | | 274260 | 398000 | 16 |
| [illegible] | | | [illegible] | 16 |
| [illegible] | 19560 | 38990 | [illegible] | 16 |
| [illegible] | | | 21000 | 15 |
| [illegible] | 43240 | | [illegible] | 16 |
| [illegible] | | | 50470 | 16 |
| 13570 | | | 13570 | 16 |
| 7920 | | | 7920 | 15 |
| [illegible] | | | 15455 | 15 |
| [illegible] | | | 25070 | 15 |
| [illegible] | | | 41480 | 16 |
| [illegible] | | | 507325 | 16 |
| [illegible] | | | 30580 | 16 |
| [illegible] | 164190 | | 191280 | 16 |
| [illegible] | 57500 | | 245770 | 16 |
| [illegible] | | | 43560 | 16 |
| [illegible] | 33600 | | 33600 | 16 |
| | 46850 | | 46850 | 16 |
| | 38740 | | 38740 | 06 |
| | 754750 | | 754750 | 08 |
| | 103400 | | 103400 | 16 |

577 MADE IN U.S.A.

PROGRAM: A4PS35C2 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 11/25/80 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 20.00 | 1405 | M H SPECIAL LIGHT WE | 390.2 | 363.2 | 101.54 | 733060 | 706500 | 24720 | 681780 | 93.00 |
| 5 | 21.00 | 2009 | ROYAL LITE | 38.5 | 35.9 | 101.72 | 72659 | 73590 | | 73590 | 101.28 |
| 5 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 132.8 | 117.4 | 96.44 | 234177 | 218910 | 8180 | 210730 | 89.98 |
| | 20.29 | | MACH TOTAL 1.89091 | 561.5 | 516.5 | 100.35 | 1039896 | 999000 | 32900 | 966100 | 92.90 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 59.5 | 58.0 | 106.34 | 313183 | 359840 | 6270 | 353570 | 112.89 |
| 6 | 40.00 | 1503 | J OFFSET | 12.0 | 8.8 | 80.00 | 51497 | 54000 | | 54000 | 104.86 |
| 6 | 50.00 | 1902 | TENNYSON OFFSET | 9.3 | 7.8 | 91.50 | 51247 | 56240 | | 56240 | 109.74 |
| 6 | 30.00 | 2102 | BRITISH OPAQUE | 16.0 | 16.0 | 109.09 | 65126 | 68610 | | 68610 | 105.34 |
| 6 | 32.00 | 2254 | EX. WHITE IMPERIAL B | 7.6 | 7.0 | 100.48 | 33833 | 33740 | | 33740 | 99.72 |
| 6 | 35.00 | 2504 | SOLITUDE OPAQUE | | | | | | | | |
| 6 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 141.5 | 134.5 | 103.69 | 787547 | 877070 | 5040 | 872030 | 110.72 |
| 6 | 50.00 | 3002 | SUPERIOR OFFSET | 47.2 | 45.0 | 104.01 | 304309 | 310810 | | 310810 | 102.13 |
| 6 | 60.00 | 3024 | SUPERIOR OFFSET - AN | 8.4 | 8.2 | 106.49 | 55427 | 59360 | | 59360 | 107.09 |
| 6 | 38.00 | 3038 | HOME DICTIONARY PAPE | 205.8 | 187.0 | 99.13 | 1052426 | 1049570 | 4390 | 1045180 | 99.31 |
| 6 | 30.00 | 3830 | WHITE BOOKLITE | 49.3 | 48.2 | 106.66 | 221794 | 234680 | | 234680 | 105.80 |
| 6 | 81.00 | 5181 | GREENTINT LEDGER ANT | 31.5 | 29.1 | 100.78 | 216881 | 217290 | 10410 | 206880 | 95.38 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | | | | | | | | |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 6.9 | 6.6 | 104.35 | 40629 | 43600 | | 43600 | 107.31 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 22.6 | 19.3 | 93.16 | 134040 | 124200 | | 124200 | 92.65 |
| 6 | 50.00 | 7122 | BW K OFFSET - ANTIQU | 14.5 | 10.9 | 82.01 | 75384 | 61910 | 19450 | 42460 | 56.32 |
| | 44.46 | | MACH TOTAL 1.89091 | 632.1 | 586.4 | 101.20 | 3403323 | 3550920 | 45560 | 3505360 | 102.99 |
| 7 | 28.00 | 1402 | BRITISH OPAQUE - SER | 11.4 | 10.9 | 104.31 | 40539 | 47050 | | 47050 | 116.06 |
| 7 | 30.00 | 1800 | PRIDE OPAQUE | 25.4 | 24.9 | 106.94 | 109268 | 113830 | | 113830 | 104.17 |
| 7 | 33.00 | 1803 | PRIDE OPAQUE | 73.8 | 71.5 | 105.69 | 325951 | 356960 | 4800 | 352160 | 108.04 |
| 7 | 40.00 | 1818 | BW PRIDE OPAQUE | 4.5 | 3.5 | 84.85 | 15590 | 17460 | | 17460 | 111.99 |
| 7 | 20.00 | 2000 | BRITE LITE THIN | 12.1 | 11.0 | 99.17 | 25735 | 21130 | 1120 | 20010 | 77.75 |
| 7 | 22.00 | 2001 | BRITE LITE THIN | 56.1 | 45.7 | 88.87 | 122618 | 131090 | 2780 | 128310 | 104.64 |
| 7 | 21.00 | 2009 | ROYAL LITE | 36.9 | 33.3 | 98.45 | 79584 | 71370 | | 71370 | 89.67 |
| 7 | 30.00 | 2102 | BRITISH OPAQUE | 13.2 | 11.7 | 96.69 | 50971 | 55880 | | 55880 | 109.63 |
| 7 | 30.00 | 2202 | IMPERIAL BIBLE | 17.8 | 13.5 | 82.74 | 58362 | 50470 | 1020 | 49450 | 84.70 |
| 7 | 33.00 | 2203 | IMPERIAL BIBLE | 5.0 | 4.3 | 93.82 | 13915 | 13570 | 3750 | 9820 | 70.57 |
| 7 | 24.00 | 2210 | IMPERIAL BIBLE EF NA | 3.2 | 2.9 | 98.86 | 7377 | 7820 | | 7820 | 106.00 |
| 7 | 23.00 | 2214 | SPECIAL IMPERIAL BIB | 22.7 | 20.8 | 99.96 | 58572 | 65455 | 1340 | 64115 | 109.46 |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 12.5 | 11.9 | 103.85 | 25727 | 25070 | | 25070 | 97.44 |
| 7 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 137.0 | 116.1 | 92.45 | 294235 | 241480 | 3830 | 237650 | 80.76 |
| 7 | 35.00 | 2231 | ALLIED SPECIAL BIBLE | 122.3 | 116.8 | 104.19 | 530078 | 507325 | 11770 | 495555 | 93.48 |
| 7 | 26.00 | 2426 | SHAKESPEARE THIN | 13.7 | 13.1 | 104.31 | 43596 | 39580 | 900 | 38680 | 88.72 |
| 7 | 30.00 | 2503 | SOLITUDE OPAQUE | 6.5 | 6.3 | 105.73 | 24639 | 27090 | | 27090 | 109.94 |
| 7 | 30.00 | 2516 | CELLUPAQUE | 43.1 | 40.6 | 102.76 | 170340 | 188270 | | 188270 | 110.52 |
| 7 | 40.00 | 2534 | I H OPAQUE | 8.6 | 8.3 | 105.29 | 43345 | 43560 | | 43560 | 100.49 |
| 7 | 45.00 | 3501 | SCHOOL COTE | | | | | | | | |
| 7 | 30.00 | 3830 | WHITE BOOKLITE | 15.0 | 14.5 | 105.45 | 60402 | 61260 | | 61260 | 101.42 |
| | 29.60 | | MACH TOTAL 1.89091 | 640.8 | 581.6 | 99.01 | 2100864 | 2085720 | 31310 | 2054410 | 97.78 |
| 8 | 58.00 | 206 | LAUREL TEXT R.S. | 6.2 | 6.2 | 109.09 | 33113 | 33600 | | 33600 | 101.47 |
| 8 | 54.00 | 270 | TYPE IV BLADE BASE | 10.7 | 10.7 | 109.09 | 44644 | 46850 | | 46850 | 104.94 |

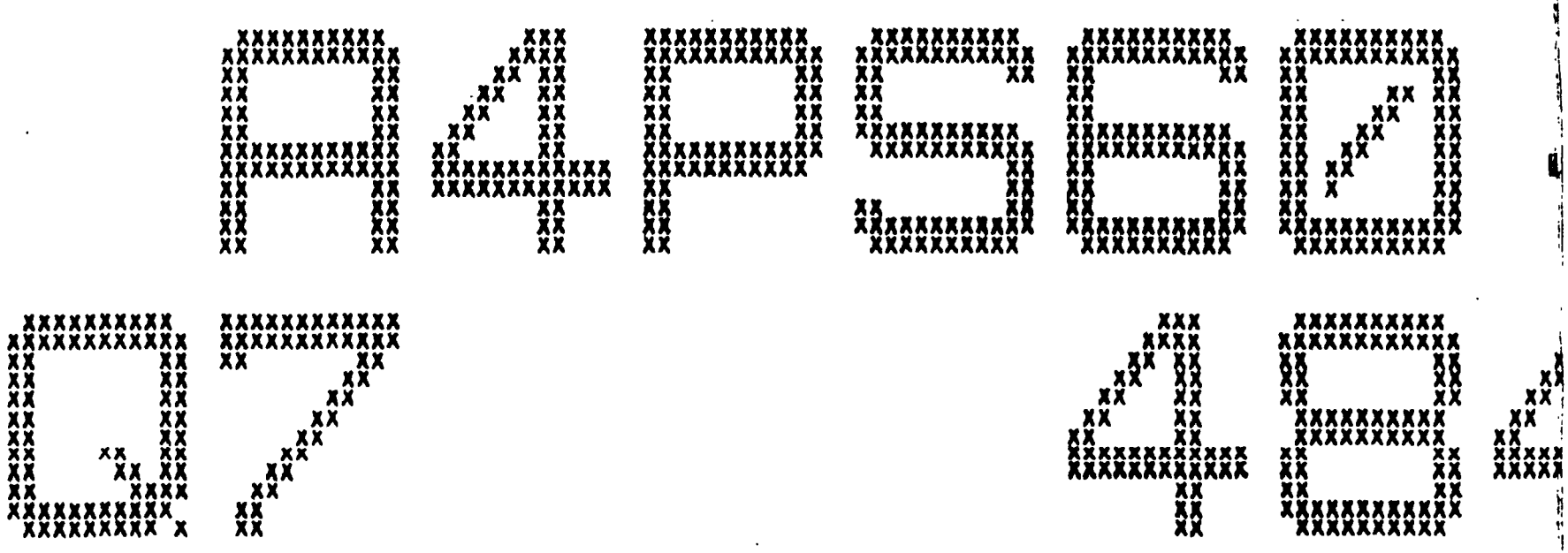
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| ACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 64.00 | 272 | TYPE IV BASE STOCK L | 8.3 | 7.6 | 99.89 | 29822 | 38740 | | 38740 | 129.90 |
| 8 | 60.00 | 276 | TYPE IV BLADE BASE | 171.2 | 161.8 | 103.10 | 750662 | 754750 | 109387 | 645363 | 85.97 |
| 8 | 45.00 | 1000 | Q.P. OFFSET | 19.4 | 18.5 | 104.03 | 92705 | 103400 | | 103400 | 111.53 |
| 8 | 40.00 | 1503 | J OFFSET | 30.0 | 28.5 | 103.64 | 122285 | 132970 | 2260 | 130710 | 106.88 |
| 8 | 50.00 | 1533 | B W 'J' OFFSET | 15.8 | 13.7 | 94.59 | 76116 | 77940 | | 77940 | 102.39 |
| 8 | 60.00 | 1559 | BW J OFFSET | 7.0 | 6.8 | 105.97 | 35360 | 39440 | | 39440 | 111.53 |
| 8 | 40.00 | 1810 | BW PRIDE OPAQUE | 4.0 | 3.8 | 103.64 | 16199 | 19560 | | 19560 | 120.74 |
| 8 | 30.00 | 2102 | BRITISH OPAQUE | 11.7 | 10.4 | 96.97 | 35875 | 43240 | | 43240 | 120.52 |
| 8 | 33.00 | 2103 | BRITISH OPAQUE | 15.2 | 15.2 | 109.09 | 58397 | 63310 | 1340 | 61970 | 106.11 |
| 8 | 30.00 | 2503 | SOLITUDE OPAQUE | 55.9 | 50.3 | 98.16 | 164216 | 164190 | 1830 | 162360 | 98.86 |
| 8 | 40.00 | 2505 | SOLITUDE OPAQUE | 9.8 | 9.3 | 103.53 | 38511 | 36140 | | 36140 | 93.84 |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 80.9 | 64.0 | 86.30 | 273526 | 250100 | 3420 | 246680 | 90.18 |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 12.2 | 11.3 | 101.04 | 42306 | 43440 | | 43440 | 102.68 |
| 8 | 30.00 | 2516 | CELLUPAQUE | 34.9 | 24.6 | 76.90 | 78427 | 57500 | | 57500 | 73.31 |
| 8 | 45.00 | 3001 | SUPERIOR OFFSET | 20.7 | 19.7 | 103.82 | 94779 | 98270 | | 98270 | 103.68 |
| 8 | 80.00 | 3400 | END LEAF OFFSET - HI | 12.4 | 11.4 | 100.29 | 58062 | 56280 | | 56280 | 96.93 |
| 8 | 30.00 | 3838 | WHITE BOOKLITE | 24.0 | 18.6 | 84.55 | 65307 | 64110 | | 64110 | 98.16 |
| 8 | 60.00 | 6100 | WHITE CAP GUN STOCK | | | | | | | | |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 13.8 | 13.8 | 109.09 | 68763 | 63150 | 1150 | 62000 | 90.16 |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 40.1 | 31.6 | 85.97 | 179426 | 126000 | 1140 | 124860 | 69.58 |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 27.4 | 22.4 | 88.86 | 112760 | 119450 | 12500 | 106950 | 94.84 |
| | 49.10 | | MACH TOTAL 1.09091 | 631.7 | 560.2 | 96.74 | 2471261 | 2432430 | 133027 | 2299403 | 93.04 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 26.3 | 24.4 | 101.21 | 97379 | 106190 | | 106190 | 109.04 |
| 9 | 32.00 | 212 | LAUREL TEXT R.S. | 11.7 | 10.1 | 94.17 | 33050 | 33390 | | 33390 | 101.02 |
| 9 | 29.00 | 246 | RAM KOTE R.S. | 118.5 | 105.5 | 97.12 | 319626 | 343720 | 13340 | 330380 | 103.29 |
| 9 | 40.00 | 1503 | J OFFSET | 88.7 | 78.0 | 95.93 | 338047 | 386310 | | 386310 | 114.27 |
| 9 | 45.00 | 1510 | B.W. OFFSET MF STD | 28.0 | 21.6 | 82.60 | 98281 | 97850 | | 97850 | 99.56 |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 71.4 | 70.9 | 108.33 | 237089 | 274260 | | 274260 | 115.67 |
| 9 | 35.00 | 1805 | ALLIED PRIDE | 31.8 | 29.0 | 99.49 | 110862 | 120270 | | 120270 | 108.48 |
| 9 | 40.00 | 1810 | BW PRIDE OPAQUE | 10.6 | 8.5 | 87.48 | 38847 | 38990 | | 38990 | 100.36 |
| 9 | 24.00 | 2219 | SPEC. IMP. BIBLE | 28.5 | 20.9 | 80.00 | 48830 | 35210 | | 35210 | 72.10 |
| 9 | 30.00 | 2240 | LAWYERS WHITE OFFSET | 69.9 | 64.2 | 100.20 | 226392 | 232610 | | 232610 | 102.74 |
| 9 | 40.00 | 2513 | IBM SUPERIOR OFFSET | | | | | | | | |
| 9 | 35.00 | 2514 | INTERNATIONAL HARVES | 11.0 | 9.4 | 93.22 | 35137 | 38590 | | 38590 | 109.82 |
| 9 | 45.00 | 3501 | SCHOOL COTE | 10.3 | 7.0 | 74.14 | 31012 | 22580 | | 22580 | 72.81 |
| 9 | 35.00 | 3835 | WHITE BOOK LITE | 24.8 | 21.9 | 96.33 | 78742 | 90210 | | 90210 | 114.56 |
| | 34.21 | | MACH TOTAL 1.09091 | 531.5 | 471.0 | 96.67 | 1693494 | 1820180 | 13340 | 1806840 | 106.69 |
| | | | MILL TOTAL | 2997.6 | 2715.7 | 98.83 | 10708838 | 10888250 | 256137 | 10632113 | 99.28 |
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 123.8 | 112.2 | 100.01 | 442622 | 443390 | 10953 | 432437 | 97.69 |
| 15 | 78.00 | 533 | ELECTROSTATIC - AB D | 16.0 | 11.4 | 78.62 | 45511 | 44470 | | 44470 | 97.71 |
| | 78.00 | | MACH TOTAL 1.10345 | 139.8 | 123.6 | 97.56 | 488133 | 487860 | 10953 | 476907 | 97.70 |
| 17 | 50.00 | 803 | LAUREL TEXT | 14.2 | 12.9 | 100.24 | 103820 | 117610 | | 117610 | 113.28 |
| 17 | 43.00 | 812 | LAUREL TEXT | 8.6 | 5.9 | 75.70 | 40704 | 29360 | | 29360 | 72.13 |
| 17 | 40.00 | 821 | CAMELIA MATTE | | | | | | | | |
| 17 | 35.00 | 846 | RAM KOTE | 60.5 | 53.9 | 98.31 | 320637 | 369500 | | 369500 | 115.23 |

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | 76.00 | 870 | MASTERBASE TYPE V LT | 14.4 | 13.6 | 104.21 | 54998 | 50900 | | 50900 | 92.54 |
| 17 | 91.00 | 872 | MASTERBASE TYPE IV C | 18.3 | 13.1 | 78.99 | 45278 | 33410 | | 33410 | 73.78 |
| 17 | 92.00 | 873 | MASTERBASE TYPE IV D | 8.0 | 8.0 | 110.35 | 46169 | 54150 | | 54150 | 117.28 |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV D | 184.0 | 179.4 | 107.59 | 850962 | 774680 | 13980 | 760700 | 89.39 |
| | 69.77 | | MACH TOTAL | 1.10345 | 308.0 | 286.8 | 102.75 | 1462568 | 1429610 | 13980 | 1415630 | 96.79 |

Adolf Artmanis




50 053621

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 11/25/80
7800I  OPTION ROUTE=LST                                                  0013
7800I  SORT FIELDS=(15,2,A,19,4,A),FORMAT=BI,WORK=1,FILES=2              0014
7800I  RECORD TYPE=F,LENGTH=(80,,80)                                     0015
7800I  INPFIL BLKSIZE=4080                                               0016
7800I  OUTFIL BLKSIZE=4080                                               0017
7800I  END                                                               0018

7J03I SORT  COMPLETE, IN 1566, OUT 1566.
```

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 105 | 3 | 102.94 |
| | | | 102 | 93 | 2 | 91.17 |
| | | | | | 5 | 98.23 |
| | 812 | LAUREL TEXT | 102 | 98 | 2 | 96.07 |
| | | | | | 2 | 96.07 |
| | 846 | RAM KOTE | 102 | 104 | 8 | 101.96 |
| | | | | | 8 | 101.96 |
| | 870 | MASTERBASE TYPE V LTLW | 102 | 114 | 3 | 111.76 |
| | | | 102 | 111 | 2 | 108.82 |
| | | | | | 5 | 110.58 |
| | 872 | MASTERBASE TYPE IV CLT | 102 | 109 | 2 | 106.86 |
| | | | 102 | 106 | 1 | 103.92 |
| | | | | | 3 | 105.88 |
| | 873 | MASTERBASE TYPE IV DTHW | 102 | 118 | 1 | 115.68 |
| | | | 102 | 116 | 1 | 113.72 |
| | | | | | 2 | 114.70 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 115 | 4 | 112.74 |
| | | | 102 | 112 | 2 | 109.80 |
| | | | 102 | 106 | 8 | 103.92 |
| | | | 102 | 104 | 6 | 101.96 |
| | | | 102 | 98 | 4 | 96.07 |
| | | | 102 | 89 | 2 | 87.25 |
| | | | 102 | 80 | 5 | 78.43 |
| | | | | | 31 | 98.85 |
| | | | | 104 | | 101.13 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 72 | 73 | 5 | 101.38 |
| | | | 72 | 70 | 10 | 97.22 |
| | | | 72 | 69 | 1 | 95.83 |
| | | | 72 | 65 | 2 | 90.27 |
| | | | | | 18 | 97.52 |
| | 533 | ELECTROSTATIC - AB DICK | 72 | 73 | 1 | 101.38 |
| | | | 72 | 70 | 1 | 97.22 |
| | | | | | 2 | 99.30 |
| | | | | 71 | | 97.70 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 108 | 3 | 103.84 |
| | | | 104 | 101 | 2 | 97.11 |
| | | | 104 | 95 | 2 | 91.34 |
| | | | | | 7 | 98.34 |
| | 212 | LAUREL TEXT R.S. | 104 | 101 | 2 | 97.11 |
| | | | | | 2 | 97.11 |
| | 246 | RAM KOTE R.S. | 104 | 106 | 16 | 101.92 |
| | | | | | 16 | 101.92 |
| | 1503 | J OFFSET | 105 | 110 | 16 | 104.76 |
| | | | | | 16 | 104.76 |
| | 1510 | B.W. OFFSET MF STD | 106 | 113 | 1 | 106.60 |
| | | | 106 | 108 | 4 | 101.88 |
| | | | | | 5 | 102.82 |
| | 1800 | PRIDE OPAQUE | 110 | 110 | 10 | 100.00 |
| | | | | | 10 | 100.00 |
| | 1805 | ALLIED PRIDE | 110 | 109 | 3 | 99.09 |
| | | | 110 | 105 | 3 | 95.45 |
| | | | | | 6 | 97.27 |
| | 1810 | BW PRIDE OPAQUE | 110 | 116 | 2 | 105.45 |
| | | | | | 2 | 105.45 |
| | 2219 | SPEC. IMP. BIBLE | 102 | 99 | 4 | 97.05 |
| | | | | | 4 | 97.05 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 116 | 10 | 105.45 |
| | | | | | 10 | 105.45 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 105 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 3501 | SCHOOL COTE | 105 | 104 | 2 | 99.04 |
| | | | | | 2 | 99.04 |
| | 3835 | WHITE BOOK LITE | 121 | 101 | 4 | 83.47 |
| | | | | | 4 | 83.47 |
| | | | | 109 | | 100.84 |

053675

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 206 | LAUREL TEXT R.S. | 104 | 109 | 2 | 104.80 |
| | | | | | 2 | 104.80 |
| | 270 | TYPE IV BLADE BASE | 120 | 114 | 3 | 95.00 |
| | | | | | 3 | 95.00 |
| | 272 | TYPE IV BASE STOCK LIQ. TONER | 124 | 109 | 2 | 87.90 |
| | | | | | 2 | 87.90 |
| | 276 | TYPE IV BLADE BASE | 124 | 118 | 6 | 95.16 |
| | | | 124 | 115 | 1 | 92.74 |
| | | | 124 | 113 | 1 | 91.12 |
| | | | 124 | 109 | 14 | 87.90 |
| | | | 124 | 106 | 4 | 85.48 |
| | | | 124 | 100 | 6 | 80.64 |
| | | | | | 32 | 87.84 |
| | 1000 | Q.P. OFFSET | 114 | 108 | 5 | 94.73 |
| | | | | | 5 | 94.73 |
| | 1503 | J OFFSET | 105 | 110 | 2 | 104.76 |
| | | | 105 | 105 | 4 | 100.00 |
| | | | 105 | 96 | 1 | 91.42 |
| | | | | | 7 | 100.13 |
| | 1533 | B W "J" OFFSET | 106 | 113 | 1 | 106.60 |
| | | | 106 | 107 | 3 | 100.94 |
| | | | | | 4 | 102.35 |
| | 1559 | BW J OFFSET | 105 | 104 | 2 | 99.04 |
| | | | | | 2 | 99.04 |
| | 1810 | BW PRIDE OPAQUE | 110 | 105 | 1 | 95.45 |
| | | | | | 1 | 95.45 |
| | 2102 | BRITISH OPAQUE | 110 | 112 | 2 | 101.81 |
| | | | | | 2 | 101.81 |
| | 2103 | BRITISH OPAQUE | 110 | 113 | 3 | 102.72 |
| | | | | | 3 | 102.72 |
| | 2503 | SOLITUDE OPAQUE | 110 | 106 | 9 | 96.36 |
| | | | | | 9 | 96.36 |
| | 2505 | SOLITUDE OPAQUE | 110 | 102 | 3 | 92.72 |
| | | | | | 3 | 92.72 |
| | 2513 | IHM SUPERIOR OFFSET | 110 | 107 | 2 | 97.27 |
| | | | 110 | 105 | 10 | 95.45 |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 7
RUN DATE: 11/25/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 12 | 95.75 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 104 | 2 | 99.04 |
| | | | | | 2 | 99.04 |
| | 2516 | CELLUPAQUE | 114 | 105 | 3 | 92.10 |
| | | | 114 | 102 | 4 | 89.47 |
| | | | | | 7 | 90.59 |
| | 3001 | SUPERIOR OFFSET | 110 | 107 | 2 | 97.27 |
| | | | 110 | 102 | 1 | 92.72 |
| | | | 110 | 100 | 2 | 90.90 |
| | | | 110 | 99 | 1 | 90.00 |
| | | | | | 6 | 93.17 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 115 | 1 | 95.83 |
| | | | 120 | 113 | 1 | 94.16 |
| | | | 120 | 107 | 1 | 89.16 |
| | | | 120 | 105 | 1 | 87.50 |
| | | | | | 4 | 91.66 |
| | 3830 | WHITE BOOKLITE | 110 | 114 | 3 | 103.63 |
| | | | | | 3 | 103.63 |
| | 7101 | K WHITE OFFSET | 110 | 115 | 3 | 104.54 |
| | | | 110 | 105 | 2 | 95.45 |
| | | | | | 5 | 100.90 |
| | 7102 | K WHITE OFFSET | 110 | 114 | 2 | 103.63 |
| | | | 110 | 113 | 6 | 102.72 |
| | | | 110 | 109 | 2 | 99.09 |
| | | | 110 | 99 | 2 | 90.00 |
| | | | | | 12 | 100.14 |
| | 7104 | K WHITE OFFSET | 110 | 103 | 3 | 93.63 |
| | | | 110 | 99 | 1 | 90.00 |
| | | | 110 | 98 | 3 | 89.09 |
| | | | | | 7 | 91.16 |
| | | | | 108 | | 94.57 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2426 | SHAKESPEARE THIN | 134 | 128 | 4 | 95.52 |
| | | | | | 4 | 95.52 |
| | 2503 | SOLITUDE OPAQUE | 134 | 123 | 3 | 91.79 |
| | | | | | 3 | 91.79 |
| | 2516 | CELLUPAQUE | 132 | 135 | 5 | 102.27 |
| | | | 132 | 124 | 3 | 93.93 |
| | | | | | 8 | 99.14 |
| | 2534 | 1 H OPAQUE | 134 | 136 | 2 | 101.49 |
| | | | | | 2 | 101.49 |
| | 3830 | WHITE BOOKLITE | 134 | 131 | 5 | 97.76 |
| | | | | | 5 | 97.76 |
| | | | | 128 | | 95.35 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 1402 | BRITISH OPAQUE - SERVICE OFFSE | 116 | 133 | 1 | 114.65 |
| | | | 116 | 124 | 2 | 106.89 |
| | | | | | 3 | 109.47 |
| | 1800 | PRIDE OPAQUE | 136 | 138 | 5 | 101.47 |
| | | | | | 5 | 101.47 |
| | 1803 | PRIDE OPAQUE | 136 | 131 | 10 | 96.32 |
| | | | | | 10 | 96.32 |
| | 1810 | BW PRIDE OPAQUE | 136 | 116 | 2 | 85.29 |
| | | | | | 2 | 85.29 |
| | 2000 | BRITE LITE THIN | 132 | 128 | 3 | 96.96 |
| | | | 132 | 126 | 1 | 95.45 |
| | | | 132 | 110 | 1 | 83.33 |
| | | | | | 5 | 93.93 |
| | 2001 | BRITE LITE THIN | 132 | 129 | 8 | 97.72 |
| | | | | | 8 | 97.72 |
| | 2009 | ROYAL LITE | 132 | 122 | 4 | 92.42 |
| | | | 132 | 117 | 2 | 88.63 |
| | | | | | 6 | 91.15 |
| | 2102 | BRITISH OPAQUE | 134 | 137 | 2 | 102.23 |
| | | | | | 2 | 102.23 |
| | 2202 | IMPERIAL BIBLE | 134 | 136 | 4 | 101.49 |
| | | | | | 4 | 101.49 |
| | 2203 | IMPERIAL BIBLE | 134 | 93 | 2 | 69.40 |
| | | | | | 2 | 69.40 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 128 | 106 | 1 | 82.81 |
| | | | | | 1 | 82.81 |
| | 2214 | SPECIAL IMPERIAL BIBLE | 133 | 128 | 4 | 96.24 |
| | | | | | 4 | 96.24 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 115 | 3 | 87.12 |
| | | | | | 3 | 87.12 |
| | 2223 | NATO TEXT BIBLE 80 | 132 | 128 | 18 | 96.96 |
| | | | | | 18 | 96.96 |
| | 2231 | ALLIED SPECIAL BIBLE | 136 | 124 | 18 | 91.17 |
| | | | | | 18 | 91.17 |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 3
RUN DATE: 11/25/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 4 | 98.59 |
| | | | | 140 | | 97.58 |

053680

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 144 | 142 | 4 | 98.61 |
| | | | 144 | 139 | 1 | 96.52 |
| | | | 144 | 136 | 6 | 94.44 |
| | | | | | 11 | 96.14 |
| | 1503 | J OFFSET | 142 | 140 | 3 | 98.59 |
| | | | | | 3 | 98.59 |
| | 1902 | TENNYSON OFFSET | 138 | 133 | 2 | 96.37 |
| | | | | | 2 | 96.37 |
| | 2102 | BRITISH OPAQUE | 138 | 128 | 2 | 92.75 |
| | | | | | 2 | 92.75 |
| | 2254 | EX. WHITE IMPERIAL BIBLE | 138 | 143 | 1 | 103.62 |
| | | | | | 1 | 103.62 |
| | 2513 | IBM SUPERIOR OFFSET | 140 | 142 | 2 | 101.42 |
| | | | 140 | 140 | 20 | 100.00 |
| | | | 140 | 138 | 2 | 98.57 |
| | | | | | 24 | 99.99 |
| | 3002 | SUPERIOR OFFSET | 142 | 137 | 7 | 96.47 |
| | | | 142 | 131 | 1 | 92.25 |
| | | | | | 8 | 95.94 |
| | 3024 | SUPERIOR OFFSET - ANTIQUE | 142 | 129 | 2 | 90.84 |
| | | | | | 2 | 90.84 |
| | 3038 | HOME DICTIONARY PAPER | 148 | 140 | 29 | 94.59 |
| | | | | | 29 | 94.59 |
| | 3830 | WHITE BOOKLITE | 138 | 147 | 6 | 106.52 |
| | | | 138 | 140 | 2 | 101.44 |
| | | | | | 8 | 105.25 |
| | 5181 | GREENTINT LEDGER ANTIQUE | 148 | 145 | 4 | 97.97 |
| | | | | | 4 | 97.97 |
| | 7101 | K WHITE OFFSET | 142 | 135 | 2 | 95.07 |
| | | | | | 2 | 95.07 |
| | 7102 | K WHITE OFFSET | 142 | 147 | 2 | 103.52 |
| | | | 142 | 140 | 3 | 98.59 |
| | | | 142 | 138 | 1 | 97.18 |
| | | | 142 | 136 | 1 | 95.77 |
| | | | | | 7 | 99.39 |
| | 7122 | BW K OFFSET - ANTIQUE | 142 | 140 | 4 | 98.59 |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 11/25/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1405 | M H SPECIAL LIGHT WEIGHT | 116 | 116 | 51 | 100.00 |
| | | | | | 51 | 100.00 |
| | 2009 | ROYAL LITE | 116 | 110 | 7 | 94.82 |
| | | | | | 7 | 94.82 |
| | 2223 | NATO TEXT BIBLE 80 | 102 | 111 | 3 | 108.82 |
| | | | 102 | 108 | 19 | 105.88 |
| | | | | | 22 | 106.28 |
| | | | | 114 | | 101.27 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 11/25/80
7800I  OPTION ROUTE=LST                                                    0010
7800I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1          0011
7800I  RECORD TYPE=F,LENGTH=(80,,80)                                       0012
7808I  INPFIL BLKSIZE=4080                                                 0013
7808I  OUTFIL BLKSIZE=4080                                                 0014
7800I  END                                                                 0015

7J03I SORT  COMPLETE, IN 595, OUT 595.
```

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 510 | | 16 | |
| | | | | | 16 | |
| | 533 | ELECTROSTATIC - AB DICK | 510 | | 2 | |
| | | | | | 2 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1250 | | 5 | |
| | | | | | 5 | |
| | 812 | LAUREL TEXT | 1300 | | 2 | |
| | | | | | 2 | |
| | 846 | RAM KOTE | 1300 | | 8 | |
| | | | | | 8 | |
| | 870 | MASTERBASE TYPE V LTLW | 375 | | 5 | |
| | | | | | 5 | |
| | 872 | MASTERBASE TYPE IV CLT | 280 | | 3 | |
| | | | | | 3 | |
| | 873 | MASTERBASE TYPE IV DTHW | 425 | | 2 | |
| | | | | | 2 | |
| | 876 | MASTERBASE TYPE IV DT | 425 | | 31 | |
| | | | | | 31 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 720 | 740 | 4 | 102.77 |
| | | | 720 | 770 | 3 | 106.94 |
| | | | | | 7 | 104.55 |
| | 212 | LAUREL TEXT R.S. | 720 | 770 | 2 | 106.94 |
| | | | | | 2 | 106.94 |
| | 246 | RAM KOTE R.S. | 700 | 740 | 16 | 105.71 |
| | | | | | 16 | 105.71 |
| | 1503 | J OFFSET | 700 | 740 | 16 | 105.71 |
| | | | | | 16 | 105.71 |
| | 1510 | B.W. OFFSET MF STD | 670 | 740 | 5 | 110.44 |
| | | | | | 5 | 110.44 |
| | 1800 | PRIDE OPAQUE | 720 | 770 | 10 | 106.94 |
| | | | | | 10 | 106.94 |
| | 1805 | ALLIED PRIDE | 720 | 770 | 6 | 106.94 |
| | | | | | 6 | 106.94 |
| | 1810 | BW PRIDE OPAQUE | 700 | 740 | 2 | 105.71 |
| | | | | | 2 | 105.71 |
| | 2219 | SPEC. IMP. BIBLE | 700 | 730 | 4 | 104.28 |
| | | | | | 4 | 104.28 |
| | 2240 | LAWYERS WHITE OFFSET | 720 | 770 | 10 | 106.94 |
| | | | | | 10 | 106.94 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 3501 | SCHOOL COTE | 670 | 720 | 2 | 107.46 |
| | | | | | 2 | 107.46 |
| | 3835 | WHITE BOOK LITE | 720 | 770 | 4 | 106.94 |
| | | | | | 4 | 106.94 |
| | | | | | | 106.31 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 730 | 750 | 1 | 102.73 |
| | | | 730 | 760 | 1 | 104.10 |
| | | | | | 2 | 103.41 |
| | 2516 | CELLUPAQUE | 730 | 760 | 7 | 104.10 |
| | | | | | 7 | 104.10 |
| | 3001 | SUPERIOR OFFSET | 730 | 760 | 4 | 104.10 |
| | | | 730 | 770 | 2 | 105.47 |
| | | | | | 6 | 104.55 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 400 | 400 | 4 | 100.00 |
| | | | | | 4 | 100.00 |
| | 3830 | WHITE BOOKLITE | 730 | 760 | 3 | 104.10 |
| | | | | | 3 | 104.10 |
| | 7101 | K WHITE OFFSET | 730 | 670 | 2 | 91.78 |
| | | | 730 | 700 | 1 | 95.89 |
| | | | 730 | 760 | 2 | 104.10 |
| | | | | | 5 | 97.53 |
| | 7102 | K WHITE OFFSET | 730 | 670 | 2 | 91.78 |
| | | | 730 | 690 | 1 | 94.52 |
| | | | 730 | 720 | 2 | 98.63 |
| | | | 730 | 740 | 2 | 101.36 |
| | | | 730 | 750 | 5 | 102.73 |
| | | | | | 12 | 99.30 |
| | 7104 | K WHITE OFFSET | 590 | 600 | 2 | 101.69 |
| | | | 590 | 650 | 5 | 110.16 |
| | | | | | 7 | 107.74 |
| | | | | | | 103.02 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 206 | LAUREL TEXT R.S. | 600 | 600 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 270 | TYPE IV BLADE BASE | 480 | 500 | 3 | 104.16 |
| | | | | | 3 | 104.16 |
| | 272 | TYPE IV BASE STOCK LIQ. TONER | 400 | 480 | 2 | 120.00 |
| | | | | | 2 | 120.00 |
| | 276 | TYPE IV BLADE BASE | 500 | 480 | 7 | 96.00 |
| | | | 500 | 490 | 1 | 98.00 |
| | | | 500 | 500 | 24 | 100.00 |
| | | | | | 32 | 99.06 |
| | 1000 | Q.P. OFFSET | 730 | 760 | 5 | 104.10 |
| | | | | | 5 | 104.10 |
| | 1503 | J OFFSET | 720 | 750 | 1 | 104.16 |
| | | | 720 | 760 | 6 | 105.55 |
| | | | | | 7 | 105.35 |
| | 1533 | B W "J" OFFSET | 730 | 740 | 1 | 101.36 |
| | | | 730 | 750 | 3 | 102.73 |
| | | | | | 4 | 102.38 |
| | 1559 | BW J OFFSET | 590 | 650 | 2 | 110.16 |
| | | | | | 2 | 110.16 |
| | 1810 | BW PRIDE OPAQUE | 720 | 780 | 1 | 108.33 |
| | | | | | 1 | 108.33 |
| | 2102 | BRITISH OPAQUE | 730 | 780 | 2 | 106.84 |
| | | | | | 2 | 106.84 |
| | 2103 | BRITISH OPAQUE | 730 | 780 | 3 | 106.84 |
| | | | | | 3 | 106.84 |
| | 2503 | SOLITUDE OPAQUE | 730 | 780 | 9 | 106.84 |
| | | | | | 9 | 106.84 |
| | 2505 | SOLITUDE OPAQUE | 720 | 750 | 1 | 104.16 |
| | | | 720 | 760 | 1 | 105.55 |
| | | | 720 | 780 | 1 | 108.33 |
| | | | | | 3 | 106.01 |
| | 2513 | IBM SUPERIOR OFFSET | 720 | 750 | 4 | 104.16 |
| | | | 720 | 760 | 8 | 105.55 |
| | | | | | 12 | 105.08 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 740 | 760 | 2 | 102.70 |
| | | | 740 | 780 | 11 | 105.40 |
| | | | | | 18 | 103.75 |
| | 2426 | SHAKESPEARE THIN | 710 | 780 | 4 | 109.85 |
| | | | | | 4 | 109.85 |
| | 2503 | SOLITUDE OPAQUE | 750 | 780 | 1 | 104.00 |
| | | | 750 | 800 | 2 | 106.66 |
| | | | | | 3 | 105.77 |
| | 2516 | CELLUPAQUE | 750 | 780 | 3 | 104.00 |
| | | | 750 | 800 | 5 | 106.66 |
| | | | | | 8 | 105.66 |
| | 2534 | 1 H OPAQUE | 680 | 700 | 1 | 102.94 |
| | | | 680 | 720 | 1 | 105.88 |
| | | | | | 2 | 104.41 |
| | 3830 | WHITE BOOKLITE | 750 | 780 | 4 | 104.00 |
| | | | 750 | 800 | 1 | 106.66 |
| | | | | | 5 | 104.53 |
| | | | | | | 108.30 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 700 | 750 | 1 | 107.14 |
| | | | | | 7 | 99.38 |
| | 7122 | BW K OFFSET - ANTIQUE | 700 | 660 | 2 | 94.28 |
| | | | 700 | 700 | 2 | 100.00 |
| | | | | | 4 | 97.14 |
| | | | | | | 100.92 |

SB 053690

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 1402 | BRITISH OPAQUE - SERVICE OFFSE | 750 | 800 | 3 | 106.66 |
| | | | | | 3 | 106.66 |
| | 1800 | PRIDE OPAQUE | 750 | 780 | 5 | 104.00 |
| | | | | | 5 | 104.00 |
| | 1803 | PRIDE OPAQUE | 750 | 750 | 1 | 100.00 |
| | | | 750 | 780 | 9 | 104.00 |
| | | | | | 10 | 103.60 |
| | 1810 | BW PRIDE OPAQUE | 680 | 700 | 1 | 102.94 |
| | | | 680 | 720 | 1 | 105.88 |
| | | | | | 2 | 104.41 |
| | 2000 | BRITE LITE THIN | 670 | 780 | 5 | 116.41 |
| | | | | | 5 | 116.41 |
| | 2001 | BRITE LITE THIN | 670 | 780 | 8 | 116.41 |
| | | | | | 8 | 116.41 |
| | 2009 | ROYAL LITE | 670 | 770 | 3 | 114.92 |
| | | | 670 | 780 | 3 | 116.41 |
| | | | | | 6 | 115.66 |
| | 2102 | BRITISH OPAQUE | 750 | 780 | 1 | 104.00 |
| | | | 750 | 800 | 1 | 106.66 |
| | | | | | 2 | 105.33 |
| | 2202 | IMPERIAL BIBLE | 750 | 780 | 2 | 104.00 |
| | | | 750 | 800 | 2 | 106.66 |
| | | | | | 4 | 105.33 |
| | 2203 | IMPERIAL BIBLE | 750 | 780 | 2 | 104.00 |
| | | | | | 2 | 104.00 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 710 | 780 | 1 | 109.85 |
| | | | | | 1 | 109.85 |
| | 2214 | SPECIAL IMPERIAL BIBLE | 680 | 780 | 4 | 114.70 |
| | | | | | 4 | 114.70 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 670 | 780 | 3 | 116.41 |
| | | | | | 3 | 116.41 |
| | 2223 | NATO TEXT BIBLE 80 | 670 | 740 | 18 | 110.44 |
| | | | | | 18 | 110.44 |
| | 2231 | ALLIED SPECIAL BIBLE | 740 | 740 | 3 | 100.00 |
| | | | 740 | 750 | 2 | 101.35 |

SB 853691

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 500 | 500 | 5 | 100.00 |
| | | | 500 | 520 | 6 | 104.00 |
| | | | | | 11 | 102.18 |
| | 1503 | J OFFSET | 740 | 740 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 1902 | TENNYSON OFFSET | 700 | 720 | 2 | 102.85 |
| | | | | | 2 | 102.85 |
| | 2102 | BRITISH OPAQUE | 750 | 750 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2254 | EX. WHITE IMPERIAL BIBLE | 750 | 750 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | 740 | 13 | 100.00 |
| | | | 740 | 750 | 1 | 101.35 |
| | | | 740 | 760 | 6 | 102.70 |
| | | | 740 | 770 | 1 | 104.05 |
| | | | 740 | 780 | 3 | 105.40 |
| | | | | | 24 | 101.57 |
| | 3002 | SUPERIOR OFFSET | 700 | 680 | 1 | 97.14 |
| | | | 700 | 700 | 5 | 100.00 |
| | | | 700 | 720 | 2 | 102.85 |
| | | | | | 8 | 100.35 |
| | 3024 | SUPERIOR OFFSET - ANTIQUE | 620 | 620 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 3038 | HOME DICTIONARY PAPER | 750 | 740 | 2 | 98.66 |
| | | | 750 | 750 | 14 | 100.00 |
| | | | 750 | 770 | 10 | 102.66 |
| | | | 750 | 780 | 3 | 104.00 |
| | | | | | 29 | 101.23 |
| | 3830 | WHITE BOOKLITE | 750 | 750 | 8 | 100.00 |
| | | | | | 8 | 100.00 |
| | 5181 | GREENTINT LEDGER ANTIQUE | 450 | 450 | 4 | 100.00 |
| | | | | | 4 | 100.00 |
| | 7101 | K WHITE OFFSET | 720 | 750 | 2 | 104.16 |
| | | | | | 2 | 104.16 |
| | 7102 | K WHITE OFFSET | 700 | 660 | 1 | 94.28 |
| | | | 700 | 680 | 2 | 97.14 |
| | | | 700 | 700 | 3 | 100.00 |

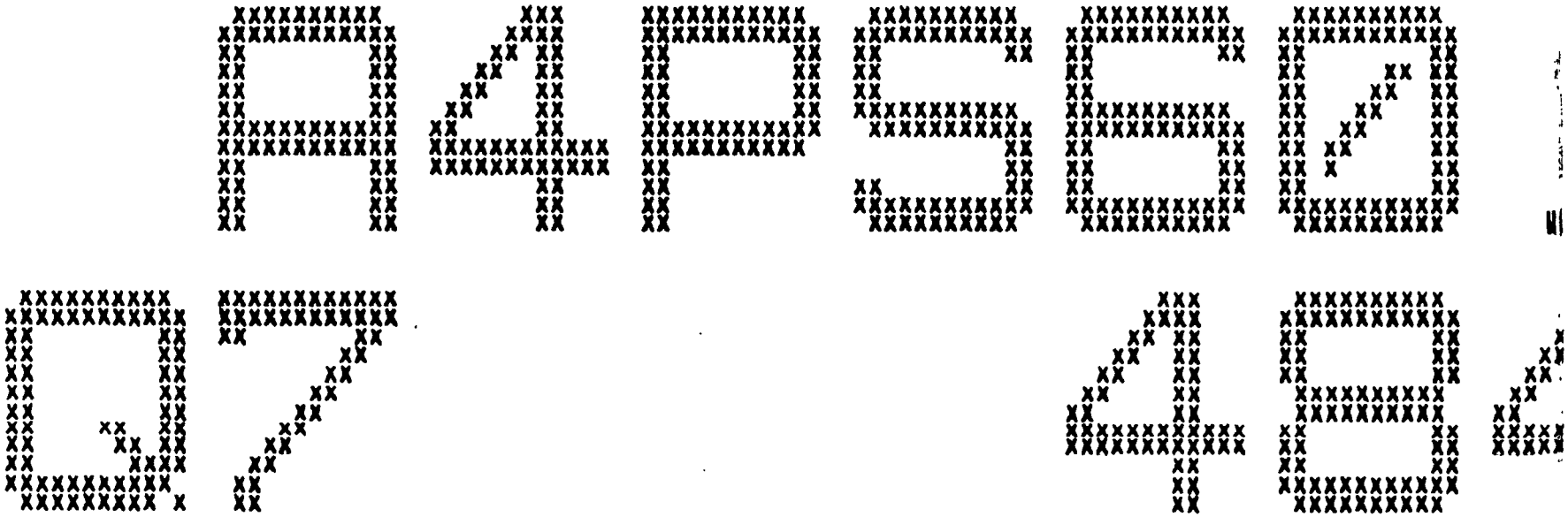
PROGRAM: A4PS33C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 11/25/80 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1405 | M H SPECIAL LIGHT WEIGHT | 620 | 600 | 1 | 96.77 |
| | | | 620 | 650 | 28 | 104.83 |
| | | | 620 | 700 | 22 | 112.90 |
| | | | | | 51 | 108.15 |
| | 2009 | ROYAL LITE | 620 | 700 | 7 | 112.90 |
| | | | | | 7 | 112.90 |
| | 2223 | NATO TEXT BIBLE 80 | 620 | 600 | 1 | 96.77 |
| | | | 620 | 650 | 6 | 104.83 |
| | | | 620 | 700 | 15 | 112.90 |
| | | | | | 22 | 109.96 |
| | | | | | | 109.06 |

```
*** SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 11/25/80
7B00I  OPTION ROUTE=LST                                                  0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,50,3,PD,A),WORK=1,FILES=1        0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7B00I  INPFIL BLKSIZE=4080                                               0013
7B00I  OUTFIL BLKSIZE=4080                                               0014
7B00I  END                                                               0015

7J03I SORT  COMPLETE, IN 595, OUT 595.
```

053694 50



# OCTOBER 1980.

| | | * OE | * CG | TOTAL | | |
|---|---|---|---|---|---|---|
| 1 | 1405 | 105040 | | 105040 | 14 | |
| 2 | 1533 | 86150 | 323830 | 409980 | 16 | |
| 3 | 1559 | 10650 | 36640 | 47290 | 16 | |
| 4 | 2000 | 287220 | | 287220 | 15 | |
| 5 | 2005 | 170310 | | 170310 | 16 | 744125 |
| 6 | 2221 | 97010 | | 97010 | 15 | |
| 7 | 2223 | 182810 | | 182810 | 16 | 55120 |
| 8 | 2420 | 113740 | | 113740 | 16 | |
| 9 | 0142 | 1052930 | 286060 | 286060 | 10 | |
| 10 | 1000 | | 443920 | 443920 | 16 | |
| 11 | 1100 | | 213890 | 213890 | 16 | |
| 12 | 1511 | | 161520 | 161520 | 16 | |
| 13 | 2254 | | 22510 | 22510 | 16 | |
| 14 | 2300 | | 87900 | 87900 | 16 | |
| 15 | 2505 | | 97720 | 97720 | 16 | |
| 16 | 2513 | | 198560 | 198560 | 14 | |
| 17 | 2514 | | 40510 | 40510 | 16 | |
| 18 | 2516 | | 58470 | 58470 | 15 | |
| 19 | 3000 | | 68690 | 68690 | 16 | |
| 20 | 3001 | | 58400 | 58400 | 16 | |
| 21 | 3002 | | 55570 | 55570 | 16 | |
| 22 | 3042 | | 112410 | 112410 | 14 | |
| 23 | 3045 | | 63570 | 63570 | 14 | |
| 24 | [illegible] | | [illegible] | [illegible] | 16 | |
| 25 | 0205 | | [illegible] | | | 48250 |
| 26 | 1702 | | | | | 64850 |
| 27 | 2001 | | | 4211750 | 1526 | 424285 |
| 28 | 2405 | | | | | 101740 |
| 29 | 3501 | | | | | 80400 |
| 30 | 3502 | | | 3003410 | | 26040 |
| 31 | 3510 | | | | | 25040 |
| 32 | 0273 | | | | | [illegible]850 |
| 33 | 0276 | | | | | |
| 34 | 1502 | | | | | |
| 35 | 1540 | | | | | |
| 36 | 1702 | | | | | |
| 37 | 2104 | | | | | |
| 38 | [illegible] | | | | | |
| 39 | [illegible] | | | | | |
| 40 | 2504 | | | | | |

C. WILSON JONES COMPA C7214 CREE 7214 BUFF PAT APPL FOR

SA 053696

| | | | | |
|---|---|---|---|---|
| | 20420 | | 20420 | 16 |
| | | | 24125 | 16 |
| 5120 | | | 25120 | 16 |
| | 46680 | | 46680 | 16 |
| | 48740 | 756200 | 805330 | 14 |
| | 70450 | | 70450 | 16 |
| | 38930 | | 38930 | 16 |
| | 29650 | | 29650 | 16 |
| | 45480 | | 45480 | 16 |
| 48250 | | | 48250 | 16 |
| 64850 | | | 64850 | 16 |
| 424285 | | | 424285 | 15 |
| 101749 | | | 101749 | 16 |
| 80400 | | 324970 | 405370 | 19 |
| 26044 | | 100400 | 126444 | 19 |
| 25040 | | | 25040 | 16 |
| | 47310 | | 47310 | 18 |
| | 719335 | | 719335 | 18 |
| | 425760 | | 425760 | 16 |
| | 44450 | | 44450 | 16 |
| | 25660 | | 25660 | 16 |
| | 90700 | | 90700 | 16 |
| | 44000 | | 44090 | 16 |
| | 26520 | | 26520 | 16 |
| | 9120 | | 9120 | 16 |



MADE IN U S

| | | | |
|---|---|---|---|
| 149400 | | 149400 | 61 |
| 38100 | | 38100 | 14 |
| 162370 | | 162370 | 03 |
| 22510 | | 22510 | 16 |
| 11290 | | 11290 | 16 |
| 142270 | | 142270 | 16 |
| 43020 | | 43020 | 16 |
| 58500 | | 58500 | 14 |
| 57820 | | 57820 | 4 |
| 105430 | | 105430 | 4 |
| [illegible] | 3610 | 3610 | 4 |
| | 33610 | 33610 | 16 |
| | 412810 | 412810 | 16 |
| | 71240 | 71240 | 16 |
| | 78620 | 78620 | 15 |
| | 8800 | 8800 | 16 |
| | 335910 | 335910 | 16 |
| | 2126500 | 6473055 | |

6473055 1457

345 [illegible]

577 MADE IN U.S.A.

| | |
|---|---|
| 1 | 2902 |
| 2 | 3100 |
| 3 | 3400 |
| 4 | 7100 |
| 5 | 7101 |
| 6 | 7102 |
| 7 | 7105 |
| 8 | 7120 |
| 9 | 7123 |
| 10 | 7124 |
| 11 | 0203 |
| 12 | 0212 |
| 13 | 1510 |
| 14 | 2201 |
| 15 | 2210 |
| 16 | 2826 |
| 17 | 2940 |
| 18 | |
| 19 | |
| 20 | |
| 21 | |
| 22 | |
| 23 | |
| 24 | |
| 25 | |
| 26 | |
| 27 | |
| 28 | |
| 29 | |
| 30 | |
| 31 | |
| 32 | |
| 33 | |
| 34 | |
| 35 | |
| 36 | |
| 37 | |
| 38 | |
| 39 | |
| 40 | |

© WILSON JONES COMPANY 37214 GREEN 7214 BUFF PAT APPL FOR

PROGRAM: A4PS35C2 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/30/80 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 20.00 | 1405 | M M SPECIAL LIGHT WE | 61.5 | 53.5 | 94.90 | 107979 | 105040 | 2200 | 102840 | 95.24 |
| 5 | 50.00 | 1533 | B W 'J' OFFSET | 28.9 | 24.9 | 93.99 | 77388 | 86150 | | 86150 | 111.32 |
| 5 | 60.00 | 1559 | BW J OFFSET | 3.1 | 3.1 | 109.09 | | 10650 | | 10650 | |
| 5 | 20.00 | 2000 | BRITE LITE THIN | 180.2 | 165.4 | 100.13 | 321443 | 287220 | 10900 | 276320 | 85.96 |
| 5 | 21.00 | 2009 | ROYAL LITE | 108.8 | 96.7 | 96.96 | 188581 | 170310 | 4300 | 166010 | 88.03 |
| 5 | 30.00 | 2202 | IMPERIAL BIBLE | | | | | | | | |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 93.2 | 71.0 | 83.11 | 129709 | 97010 | 3100 | 93910 | 72.40 |
| 5 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 100.8 | 93.5 | 101.19 | 185360 | 182810 | | 182810 | 98.62 |
| 5 | 20.00 | 2420 | SPEC. SHAKESPEARE TH | 74.5 | 70.7 | 103.53 | 135315 | 113740 | 4280 | 109460 | 80.89 |
| | 23.19 | | MACH TOTAL 1.09091 | 651.0 | 578.8 | 96.99 | 1145775 | 1052930 | 24780 | 1028150 | 89.73 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 49.0 | 48.5 | 107.98 | 263078 | 286060 | 8475 | 277585 | 105.51 |
| 6 | 45.00 | 1000 | O.P. OFFSET | 82.2 | 78.9 | 104.71 | 449730 | 443920 | 980 | 442940 | 98.49 |
| 6 | 30.00 | 1100 | E. B. NEW SHADE | 52.5 | 46.9 | 97.45 | 205812 | 213890 | 11640 | 202250 | 98.26 |
| 6 | 45.00 | 1511 | JOY OF COOKING OFFSE | 27.1 | 24.6 | 99.03 | 152556 | 161520 | | 161520 | 105.87 |
| 6 | 50.00 | 1533 | B W 'J' OFFSET | 52.4 | 48.4 | 100.76 | 336485 | 323830 | | 323830 | 96.23 |
| 6 | 60.00 | 1559 | BW J OFFSET | 5.1 | 4.8 | 102.67 | 35212 | 36640 | | 36640 | 104.05 |
| 6 | 50.00 | 1820 | BW PRIDE OPAQUE | | | | | | | | |
| 6 | 32.00 | 2254 | EX. WHITE IMPERIAL B | 5.4 | 5.1 | 103.03 | 24649 | 22510 | | 22510 | 91.32 |
| 6 | 30.00 | 2300 | MERRIAM DICTIONARY | 24.7 | 20.1 | 88.77 | 78617 | 87900 | 1990 | 85910 | 109.27 |
| 6 | 35.00 | 2504 | SOLITUDE OPAQUE | | | | | | | | |
| 6 | 40.00 | 2505 | SOLITUDE OPAQUE | 15.8 | 15.8 | 109.09 | 89818 | 97720 | | 97720 | 108.79 |
| 6 | 40.00 | 2513 | YBR SUPERIOR OFFSET | 31.7 | 31.0 | 106.68 | 181411 | 198560 | | 198560 | 109.45 |
| 6 | 35.00 | 2514 | INTERNATIONAL HARVES | 10.4 | 8.8 | 92.31 | 45584 | 40510 | | 40510 | 88.86 |
| 6 | 30.00 | 2516 | CELLUPAQUE | 13.5 | 13.2 | 106.67 | 57362 | 58470 | | 58470 | 101.93 |
| 6 | 40.00 | 3000 | SUPERIOR OFFSET | 13.4 | 12.2 | 99.32 | 71393 | 68690 | 5370 | 63320 | 88.69 |
| 6 | 45.00 | 3001 | SUPERIOR OFFSET | 10.5 | 9.8 | 101.82 | 63455 | 58460 | 15080 | 43380 | 68.36 |
| 6 | 50.00 | 3002 | SUPERIOR OFFSET | 9.3 | 9.0 | 105.57 | 58242 | 55570 | | 55570 | 95.41 |
| 6 | 50.00 | 3042 | BW RD OFFSET ANT. | 17.2 | 15.2 | 96.41 | | 112410 | 4500 | 107910 | |
| 6 | 70.00 | 3045 | BW RD OFFSET VELLUM | 11.7 | 10.4 | 96.97 | | 63570 | | 63570 | |
| 6 | 30.00 | 3838 | WHITE BOOKLITE | 188.3 | 174.8 | 101.27 | 774032 | 828590 | 1440 | 827150 | 106.86 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | | | | | | | | |
| 6 | 45.00 | 7101 | K WHITE OFFSET | | | | | | | | |
| 6 | 50.00 | 7102 | K WHITE OFFSET | | | | | | | | |
| | 40.92 | | MACH TOTAL 1.09091 | 620.2 | 577.5 | 101.58 | 2887436 | 3158820 | 49475 | 3109345 | 107.68 |
| 7 | 48.00 | 205 | LAUREL TEXT R.S. | 13.1 | 9.3 | 77.45 | 48825 | 48250 | | 48250 | 98.82 |
| 7 | 60.00 | 1703 | JKN OPACIFIED | 11.1 | 10.7 | 105.16 | | 64850 | | 64850 | |
| 7 | 20.00 | 2000 | BRITE LITE THIN | | | | | | 1330 | 1330 | |
| 7 | 22.00 | 2001 | BRITE LITE THIN | 143.5 | 135.2 | 102.78 | 362258 | 424285 | | 424285 | 117.12 |
| 7 | 21.00 | 2009 | ROYAL LITE | 364.2 | 334.5 | 100.19 | 790345 | 744125 | 17570 | 726555 | 91.92 |
| 7 | 35.00 | 2104 | BRITISH OPAQUE | | | | | | 1210 | 1210 | |
| 7 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 35.3 | 33.3 | 102.91 | 82703 | 95120 | | 95120 | 115.01 |
| 7 | 35.00 | 2231 | ALLIED SPECIAL BIBLE | | | | | | | | |
| 7 | 35.00 | 2241 | LAWYERS OFFSET | | | | | | | | |
| 7 | 30.00 | 2300 | MERRIAM DICTIONARY | | | | | | 8340 | 8340 | |
| 7 | 30.00 | 2405 | SHAKESPEARE THIN | 29.6 | 27.2 | 100.25 | 117633 | 101740 | 5530 | 96210 | 81.78 |
| 7 | 30.00 | 2503 | SOLITUDE OPAQUE | | | | | | | | |

PROGRAM: A4PS35C2 S C M A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 10/30/80 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 35.00 | 2554 | SOLITUDE OPAQUE | | | | | | | | |
| 7 | 45.00 | 3501 | SCHOOL COTE | 24.0 | 24.0 | 109.09 | 94635 | 80400 | | 80400 | 84.95 |
| 7 | 50.00 | 3502 | SCHOOL COTE | 7.9 | 7.2 | 99.42 | 26611 | 26040 | | 26040 | 97.85 |
| 7 | 42.00 | 3516 | IRWIN OPAQUE COTE | 7.8 | 5.6 | 87.27 | 4771 | 25040 | | 25040 | 524.83 |
| | 26.21 | | MACH TOTAL 1.09091 | 635.7 | 587.0 | 100.73 | 1527781 | 1609850 | 33980 | 1575870 | 103.14 |
| 8 | 69.00 | 273 | TYPE IV BLADE BASE | 12.0 | 9.8 | 89.09 | 59150 | 47310 | | 47310 | 79.98 |
| 8 | 60.00 | 276 | TYPE IV BLADE BASE | 166.3 | 156.4 | 102.60 | 707399 | 719335 | 21360 | 697975 | 98.66 |
| 8 | 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | 1130 | 1130 | |
| 8 | 40.00 | 1503 | J OFFSET | 96.3 | 84.8 | 96.06 | 378781 | 425760 | 3690 | 422070 | 111.42 |
| 8 | 30.00 | 1533 | B W 'J' OFFSET | 42.0 | 39.7 | 103.12 | 224101 | 240420 | | 240420 | 107.28 |
| 8 | 55.00 | 1549 | B W J OFFSET | 10.7 | 8.7 | 88.70 | 48232 | 44450 | | 44450 | 92.15 |
| 8 | 50.00 | 1702 | J OPACIFIED OFFSET | 5.9 | 4.6 | 85.05 | 28771 | 25660 | | 25660 | 99.56 |
| 8 | 35.00 | 2104 | BRITISH OPAQUE | 25.0 | 24.3 | 106.04 | 99727 | 90700 | 1250 | 89450 | 89.69 |
| 8 | 30.00 | 2202 | IMPERIAL BIBLE | 20.5 | 17.2 | 91.53 | 53720 | 44090 | | 44090 | 82.07 |
| 8 | 30.00 | 2240 | LAWYERS WHITE OFFSET | | | | | | | | |
| 8 | 35.00 | 2407 | SHAKESPEARE THIN | 7.0 | 6.7 | 104.42 | 24602 | 26520 | | 26520 | 107.79 |
| 8 | 35.00 | 2504 | SOLITUDE OPAQUE | 5.7 | 4.4 | 84.21 | 18532 | 9120 | 2110 | 7010 | 37.82 |
| 8 | 40.00 | 2505 | SOLITUDE OPAQUE | 11.3 | 9.2 | 88.82 | 42954 | 46680 | | 46680 | 108.67 |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 11.3 | 11.5 | 106.19 | 45702 | 48740 | 2390 | 46350 | 101.41 |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 22.4 | 20.3 | 98.86 | 73553 | 70450 | | 70450 | 95.78 |
| 8 | 50.00 | 2902 | DICKENS OFFSET | 31.0 | 26.4 | 92.90 | 147906 | 149430 | | 149430 | 101.03 |
| 8 | 45.00 | 3001 | SUPERIOR OFFSET | 13.4 | 9.1 | 74.08 | 41800 | 38930 | 4020 | 34910 | 83.51 |
| 8 | 50.00 | 3002 | SUPERIOR OFFSET | 4.7 | 4.7 | 109.09 | 26332 | 29650 | | 29650 | 112.60 |
| 8 | 40.00 | 3020 | BW SUPERIOR OFFSET - | 8.7 | 7.4 | 92.79 | 35451 | 38100 | | 38100 | 107.47 |
| 8 | 38.00 | 3039 | ENCYCLOPEDIA | | | | | | | | |
| 8 | 80.00 | 3400 | END LEAF OFFSET - HI | 34.3 | 33.1 | 105.27 | 164387 | 162370 | | 162370 | 98.77 |
| 8 | 30.00 | 3830 | WHITE BOOKLITE | 23.1 | 18.9 | 89.26 | 65622 | 45480 | | 45480 | 69.30 |
| 8 | 40.00 | 7100 | K WHITE OFFSET | 10.0 | 6.9 | 65.45 | 24602 | 22910 | 3216 | 19694 | 80.05 |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 2.3 | 2.1 | 99.60 | 9938 | 11290 | | 11290 | 113.60 |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 27.5 | 25.2 | 99.97 | 140440 | 142290 | 4000 | 138290 | 98.46 |
| 8 | 70.00 | 7105 | K WHITE OFFSET | 8.3 | 7.6 | 99.89 | 39421 | 43020 | | 43020 | 109.12 |
| 8 | 50.00 | 7122 | BW K OFFSET - ANTIQU | 13.5 | 11.4 | 92.12 | 59180 | 58590 | 16086 | 42504 | 71.82 |
| 8 | 55.00 | 7123 | BW K OFFSET - ANTIQU | 10.0 | 9.0 | 98.18 | 42637 | 50820 | 26870 | 23950 | 56.17 |
| 8 | 60.00 | 7124 | BW K OFFSET - ANTIQU | 18.8 | 18.1 | 105.03 | 92310 | 105430 | 25000 | 80430 | 87.13 |
| | 31.66 | | MACH TOTAL 1.09091 | 642.0 | 576.1 | 97.89 | 2692250 | 2737545 | 111122 | 2626423 | 97.55 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 1.1 | .9 | 89.26 | 3647 | 3610 | | 3610 | 98.98 |
| 9 | 32.00 | 218 | LAUREL TEXT R S4 | 0.0 | 0.1 | 89.26 | 29130 | 33610 | | 33610 | 115.37 |
| 9 | 45.00 | 1518 | B.W. OFFSET MF STD | 78.8 | 76.2 | 105.49 | 341207 | 412810 | | 412810 | 120.98 |
| 9 | 28.00 | 2201 | IMPERIAL BIBLE | 24.1 | 22.8 | 103.66 | 65731 | 71240 | | 71240 | 108.38 |
| 9 | 24.00 | 2210 | IMPERIAL BIBLE EF NA | 33.0 | 27.9 | 92.23 | 68347 | 78620 | | 78620 | 115.03 |
| 9 | 25.00 | 2226 | ESPARTO TEXT | 4.2 | 2.9 | 75.52 | 8417 | 8800 | | 8800 | 104.55 |
| 9 | 30.00 | 2240 | LAWYERS WHITE OFFSET | 85.6 | 83.0 | 105.78 | 287854 | 335910 | 1080 | 334830 | 116.31 |
| 9 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 164.0 | 157.2 | 104.57 | 651925 | 756590 | | 756590 | 116.05 |
| 9 | 45.00 | 3501 | SCHOOL COTE | 75.4 | 71.8 | 103.88 | 313114 | 324970 | 2330 | 322640 | 97.38 |
| 9 | 30.00 | 3502 | SCHOOL COTE | 25.1 | 22.3 | 96.92 | 116827 | 100400 | | 100400 | 85.93 |
| | 39.44 | | MACH TOTAL 1.09091 | 501.2 | 473.2 | 103.00 | 1904399 | 2126560 | 3410 | 2123150 | 111.48 |

PROGRAM: A4PS35C2 S C M A L L I E D P A P E R I N C. PAGE 3
RUN DATE: 10/30/80 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MILL TOTAL | 3050.1 | 2792.6 | 99.88 | 10157641 | 10685705 | 222767 | 10462938 | 103.00 |
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 167.7 | 146.8 | 96.59 | 560672 | 572495 | 12540 | 559955 | 99.87 |
| 15 | 78.00 | 533 | ELECTROSTATIC - AB D | 12.3 | 10.3 | 92.40 | 41198 | 44450 | | 44450 | 107.89 |
| | 78.00 | | MACH TOTAL 1.10345 | 180.0 | 157.1 | 96.31 | 601870 | 616945 | 12540 | 604405 | 100.42 |
| 17 | 50.00 | 803 | LAUREL TEXT | 8.5 | 7.3 | 94.77 | 58524 | 68110 | | 68110 | 116.37 |
| 17 | 60.00 | 805 | LAUREL TEXT | 5.5 | 5.2 | 104.33 | 59887 | 51320 | 2800 | 48520 | 81.01 |
| 17 | 43.00 | 812 | LAUREL TEXT | 5.1 | 4.3 | 93.04 | 32693 | 38860 | | 38860 | 118.86 |
| 17 | 40.00 | 821 | CAMELIA MATTE | 8.7 | 5.2 | 65.95 | 38983 | 48840 | | 48840 | 125.28 |
| 17 | 91.00 | 872 | MASTERBASE TYPE IV C | 15.5 | 12.9 | 91.84 | 47212 | 34310 | | 34310 | 72.67 |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV D | 191.7 | 181.7 | 104.59 | 891163 | 819280 | 5180 | 814100 | 91.35 |
| | 80.06 | | MACH TOTAL 1.10345 | 235.0 | 216.6 | 101.71 | 1128462 | 1060720 | 7980 | 1052740 | 93.28 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 10/29/80
7800I  OPTION ROUTE=LST                                                    0010
7800I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,50,3,PD,A),WORK=1,FILES=1          0011
7800I  RECORD TYPE=F,LENGTH=(80,,80)                                       0012
7800I  INPFIL BLKSIZE=4080                                                 0013
7800I  OUTFIL BLKSIZE=4080                                                 0014
7800I  END                                                                 0015

7J03I SORT  COMPLETE, IN 584, OUT 584.
```

PROGRAM: A4P533C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/29/80 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1405 | M H SPECIAL LIGHT WEIGHT | 620 | 650 | 5 | 104.83 |
| | | | 620 | 690 | 4 | 111.29 |
| | | | | | 9 | 107.70 |
| | 1533 | B W 'J' OFFSET | 420 | 490 | 4 | 116.66 |
| | | | | | 4 | 116.66 |
| | 1559 | BW J OFFSET | 370 | 430 | 1 | 116.21 |
| | | | | | 1 | 116.21 |
| | 2000 | BRITE LITE THIN | 620 | 560 | 1 | 90.32 |
| | | | 620 | 600 | 1 | 96.77 |
| | | | 620 | 630 | 4 | 101.61 |
| | | | 620 | 650 | 7 | 104.83 |
| | | | 620 | 670 | 5 | 108.06 |
| | | | 620 | 675 | 1 | 108.87 |
| | | | 620 | 690 | 4 | 111.29 |
| | | | | | 26 | 105.60 |
| | 2009 | ROYAL LITE | 620 | 630 | 1 | 101.61 |
| | | | 620 | 650 | 10 | 104.83 |
| | | | 620 | 670 | 6 | 108.06 |
| | | | 620 | 690 | 1 | 111.29 |
| | | | | | 18 | 106.08 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 620 | 650 | 5 | 104.83 |
| | | | 620 | 660 | 1 | 106.45 |
| | | | 620 | 690 | 7 | 111.29 |
| | | | | | 13 | 108.43 |
| | 2223 | NATO TEXT BIBLE 80 | 620 | 650 | 15 | 104.83 |
| | | | | | 15 | 104.83 |
| | 2420 | SPEC. SHAKESPEARE THIN | 620 | 650 | 10 | 104.83 |
| | | | | | 10 | 104.83 |
| | | | | | | 106.64 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 500 | 500 | 3 | 100.00 |
| | | | 500 | 520 | 6 | 104.00 |
| | | | 500 | 700 | 1 | 140.00 |
| | | | | | 10 | 106.40 |
| | 1000 | G.P. OFFSET | 720 | 650 | 1 | 90.27 |
| | | | 720 | 690 | 3 | 95.83 |
| | | | 720 | 700 | 4 | 97.22 |
| | | | 720 | 720 | 3 | 100.00 |
| | | | 720 | 750 | 1 | 104.16 |
| | | | | | 12 | 97.56 |
| | 1100 | E. B. NEW SHADE | 750 | 750 | 7 | 100.00 |
| | | | | | 7 | 100.00 |
| | 1511 | JOY OF COOKING OFFSET | 720 | 720 | 5 | 100.00 |
| | | | | | 5 | 100.00 |
| | 1533 | B W "J" OFFSET | 700 | 650 | 2 | 92.85 |
| | | | 700 | 700 | 10 | 100.00 |
| | | | | | 12 | 98.80 |
| | 1559 | BW J OFFSET | 620 | 620 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 2254 | EX. WHITE IMPERIAL BIBLE | 750 | 750 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2300 | MERRIAM DICTIONARY | 750 | 750 | 3 | 100.00 |
| | | | 750 | 780 | 1 | 104.00 |
| | | | | | 4 | 101.00 |
| | 2505 | SOLITUDE OPAQUE | 740 | 750 | 3 | 101.35 |
| | | | | | 3 | 101.35 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | 750 | 5 | 101.35 |
| | | | | | 5 | 101.35 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 750 | 750 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2516 | CELLUPAQUE | 750 | 750 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 3000 | SUPERIOR OFFSET | 740 | 740 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 3001 | SUPERIOR OFFSET | 720 | 720 | 2 | 100.00 |
| | | | 720 | 750 | 1 | 104.16 |

58 855706

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 3 | 101.38 |
| | 3002 | SUPERIOR OFFSET | 700 | 720 | 2 | 102.85 |
| | | | | | 2 | 102.85 |
| | 3042 | BW RD OFFSET ANT. | 700 | 730 | 3 | 104.28 |
| | | | | | 3 | 104.28 |
| | 3045 | BW RD OFFSET VELLUM | 480 | 480 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 3830 | WHITE BOOKLITE | 750 | 750 | 25 | 100.00 |
| | | | 750 | 780 | 3 | 104.00 |
| | | | | | 28 | 100.42 |
| | | | | | | 100.64 |

PROGRAM: A4PS33C1 S C M A L L I E D P A P E R I N C. PAGE 4
RUN DATE: 10/29/80 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 205 | LAUREL TEXT R.S. | 620 | 650 | 2 | 104.83 |
| | | | | | 2 | 104.83 |
| | 1703 | JKN OPACIFIED | 620 | 570 | 4 | 91.93 |
| | | | | | 4 | 91.93 |
| | 2001 | BRITE LITE THIN | 670 | 670 | 1 | 100.00 |
| | | | 670 | 680 | 2 | 101.49 |
| | | | 670 | 780 | 18 | 116.41 |
| | | | | | 21 | 114.20 |
| | 2009 | ROYAL LITE | 670 | 740 | 13 | 110.44 |
| | | | 670 | 770 | 8 | 114.92 |
| | | | 670 | 780 | 29 | 116.41 |
| | | | 670 | 800 | 1 | 119.40 |
| | | | | | 51 | 114.71 |
| | 2223 | NATO TEXT BIBLE 80 | 670 | 780 | 7 | 116.41 |
| | | | | | 7 | 116.41 |
| | 2405 | SHAKESPEARE THIN | 750 | 800 | 5 | 106.66 |
| | | | | | 5 | 106.66 |
| | 3501 | SCHOOL COTE | 500 | 575 | 3 | 115.00 |
| | | | | | 3 | 115.00 |
| | 3502 | SCHOOL COTE | 500 | 550 | 2 | 110.00 |
| | | | | | 2 | 110.00 |
| | 3510 | IRWIN OPAQUE COTE | 700 | 575 | 2 | 82.14 |
| | | | | | 2 | 82.14 |
| | | | | | | 112.40 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 273 | TYPE IV BLADE BASE | 520 | 430 | 4 | 82.69 |
| | | | 520 | 450 | 1 | 86.53 |
| | | | | | 5 | 83.45 |
| | 276 | TYPE IV BLADE BASE | 500 | 500 | 14 | 100.00 |
| | | | 500 | 520 | 8 | 104.00 |
| | | | 500 | 530 | 6 | 106.00 |
| | | | | | 28 | 102.42 |
| | 1503 | J OFFSET | 720 | 640 | 1 | 88.88 |
| | | | 720 | 760 | 1 | 105.55 |
| | | | 720 | 780 | 15 | 108.33 |
| | | | | | 17 | 107.02 |
| | 1533 | B W "J" OFFSET | 730 | 750 | 1 | 102.73 |
| | | | 730 | 770 | 4 | 105.47 |
| | | | 730 | 780 | 3 | 106.84 |
| | | | | | 8 | 105.64 |
| | 1549 | B W J OFFSET | 650 | 690 | 2 | 106.15 |
| | | | | | 2 | 106.15 |
| | 1702 | J OPACIFIED OFFSET | 730 | 750 | 2 | 102.73 |
| | | | | | 2 | 102.73 |
| | 2104 | BRITISH OPAQUE | 730 | 750 | 4 | 102.73 |
| | | | 730 | 760 | 1 | 104.10 |
| | | | | | 5 | 103.00 |
| | 2202 | IMPERIAL BIBLE | 730 | 780 | 4 | 106.84 |
| | | | | | 4 | 106.84 |
| | 2407 | SHAKESPEARE THIN | 730 | 760 | 1 | 104.10 |
| | | | | | 1 | 104.10 |
| | 2504 | SOLITUDE OPAQUE | 730 | 750 | 1 | 102.73 |
| | | | | | 1 | 102.73 |
| | 2505 | SOLITUDE OPAQUE | 720 | 780 | 2 | 108.33 |
| | | | | | 2 | 108.33 |
| | 2513 | IBM SUPERIOR OFFSET | 720 | 780 | 4 | 108.33 |
| | | | | | 4 | 108.33 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 730 | 780 | 5 | 106.84 |
| | | | | | 5 | 106.84 |
| | 2902 | DICKENS OFFSET | 730 | 720 | 4 | 98.63 |
| | | | | | 4 | 98.63 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3001 | SUPERIOR OFFSET | 730 | 760 | 3 | 104.10 |
| | | | | | 3 | 104.10 |
| | 3002 | SUPERIOR OFFSET | 730 | 760 | 1 | 104.10 |
| | | | | | 1 | 104.10 |
| | 3020 | BW SUPERIOR OFFSET - ANTIQUE | 720 | 780 | 2 | 108.33 |
| | | | | | 2 | 108.33 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 400 | 400 | 12 | 100.00 |
| | | | | | 12 | 100.00 |
| | 3830 | WHITE BOOKLITE | 730 | 780 | 9 | 106.84 |
| | | | | | 5 | 106.84 |
| | 7100 | K WHITE OFFSET | 720 | 780 | 3 | 108.33 |
| | | | | | 3 | 108.33 |
| | 7101 | K WHITE OFFSET | 730 | 780 | 1 | 106.84 |
| | | | | | 1 | 106.84 |
| | 7102 | K WHITE OFFSET | 730 | 740 | 2 | 101.36 |
| | | | 730 | 750 | 1 | 102.73 |
| | | | 730 | 760 | 5 | 104.10 |
| | | | | | 8 | 103.24 |
| | 7105 | K WHITE OFFSET | 500 | 500 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 7122 | BW K OFFSET - ANTIQUE | 730 | 750 | 3 | 102.73 |
| | | | 730 | 760 | 2 | 104.10 |
| | | | | | 5 | 103.27 |
| | 7123 | BW K OFFSET - ANTIQUE | 650 | 700 | 1 | 107.69 |
| | | | 650 | 760 | 1 | 116.92 |
| | | | | | 2 | 112.30 |
| | 7124 | BW K OFFSET - ANTIQUE | 590 | 650 | 4 | 110.16 |
| | | | | | 4 | 110.16 |
| | | | | | | 103.69 |

85718

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 720 | 760 | 1 | 105.55 |
| | | | | | 1 | 105.55 |
| | 212 | LAUREL TEXT R.S. | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 1510 | H.W. OFFSET MF STD | 670 | 720 | 1 | 107.46 |
| | | | 670 | 740 | 4 | 110.44 |
| | | | 670 | 770 | 7 | 114.92 |
| | | | | | 12 | 112.80 |
| | 2201 | IMPERIAL BIBLE | 700 | 770 | 4 | 110.00 |
| | | | | | 4 | 110.00 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 700 | 730 | 2 | 104.28 |
| | | | 700 | 770 | 4 | 110.00 |
| | | | | | 6 | 108.09 |
| | 2226 | ESPARTO TEXT | 700 | 770 | 2 | 110.00 |
| | | | | | 2 | 110.00 |
| | 2240 | LAWYERS WHITE OFFSET | 720 | 770 | 12 | 106.94 |
| | | | | | 12 | 106.94 |
| | 2513 | IAM SUPERIOR OFFSET | 700 | 760 | 8 | 108.57 |
| | | | 700 | 770 | 19 | 110.00 |
| | | | 700 | 780 | 3 | 111.42 |
| | | | | | 30 | 109.76 |
| | 3501 | SCHOOL COTE | 670 | 710 | 11 | 105.97 |
| | | | 670 | 730 | 1 | 108.95 |
| | | | | | 12 | 106.21 |
| | 3502 | SCHOOL COTE | 630 | 670 | 4 | 106.34 |
| | | | 630 | 780 | 1 | 123.80 |
| | | | | | 5 | 109.83 |
| | | | | | | 109.05 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 510 | | 20 | |
| | | | | | 20 | |
| | 533 | ELECTROSTATIC - AB DICK | 510 | | 3 | |
| | | | | | 3 | |

50 35213

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1250 | | 2 | |
| | | | | | 2 | |
| | 805 | LAUREL TEXT | 1250 | | 1 | |
| | | | | | 1 | |
| | 812 | LAUREL TEXT | 1300 | | 2 | |
| | | | | | 2 | |
| | 821 | CAMELIA MATTE | 1250 | | 2 | |
| | | | | | 2 | |
| | 872 | MASTERBASE TYPE IV CLT | 280 | | 4 | |
| | | | | | 4 | |
| | 876 | MASTERBASE TYPE IV DT | 425 | | 27 | |
| | | | | | 27 | |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/29/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1405 | M H SPECIAL LIGHT WEIGHT | 116 | 116 | 9 | 100.00 |
| | | | | | 9 | 100.00 |
| | 1533 | B W 'J' OFFSET | 106 | 105 | 4 | 99.05 |
| | | | | | 4 | 99.05 |
| | 1559 | BW J OFFSET | 106 | 105 | 1 | 99.05 |
| | | | | | 1 | 99.05 |
| | 2000 | BRITE LITE THIN | 110 | 114 | 16 | 103.63 |
| | | | 110 | 108 | 10 | 98.18 |
| | | | | | 26 | 101.53 |
| | 2009 | ROYAL LITE | 110 | 112 | 4 | 96.55 |
| | | | 110 | 109 | 3 | 93.96 |
| | | | 116 | 104 | 11 | 89.65 |
| | | | | | 18 | 91.90 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 105 | 13 | 102.94 |
| | | | | | 13 | 102.94 |
| | 2223 | NATO TEXT BIBLE 80 | 102 | 108 | 13 | 105.88 |
| | | | 102 | 105 | 2 | 102.94 |
| | | | | | 15 | 105.48 |
| | 2420 | SPEC. SHAKESPEARE THIN | 110 | 110 | 10 | 100.00 |
| | | | | | 10 | 100.00 |
| | | | | 109 | | 100.10 |

SD 055714

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 10/29/80
7B00I  OPTION ROUTE=LST                                                  0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1        0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7B00I  INPFIL BLKSIZE=4080                                               0013
7B00I  OUTFIL BLKSIZE=4080                                               0014
7B00I  END                                                               0015

7J03I SORT  COMPLETE, IN 584, OUT 584.
```

S8 05715

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTHO - IIA A B DICK RS | 144 | 142 | 3 | 98.61 |
| | | | 144 | 139 | 7 | 96.52 |
| | | | | | 10 | 97.14 |
| | 1000 | Q.P. OFFSET | 140 | 125 | 12 | 89.28 |
| | | | | | 12 | 89.28 |
| | 1100 | E. B. NEW SHADE | 138 | 138 | 7 | 100.00 |
| | | | | | 7 | 100.00 |
| | 1511 | JOY OF COOKING OFFSET | 142 | 136 | 5 | 95.77 |
| | | | | | 5 | 95.77 |
| | 1533 | B W "J" OFFSET | 142 | 145 | 1 | 102.11 |
| | | | 142 | 142 | 1 | 100.00 |
| | | | 142 | 141 | 1 | 99.29 |
| | | | 142 | 140 | 9 | 98.59 |
| | | | | | 12 | 99.05 |
| | 1559 | BW J OFFSET | 142 | 140 | 1 | 98.59 |
| | | | | | 1 | 98.59 |
| | 2254 | EX. WHITE IMPERIAL BIBLE | 138 | 143 | 2 | 103.62 |
| | | | | | 2 | 103.62 |
| | 2300 | MERRIAM DICTIONARY | 140 | 123 | 4 | 87.85 |
| | | | | | 4 | 87.85 |
| | 2505 | SOLITUDE OPAQUE | 140 | 136 | 3 | 97.14 |
| | | | | | 3 | 97.14 |
| | 2513 | IBM SUPERIOR OFFSET | 140 | 140 | 5 | 100.00 |
| | | | | | 5 | 100.00 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 140 | 140 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2516 | CELLUPAQUE | 140 | 140 | 1 | 100.00 |
| | | | 440 | 133 | 2 | 95.00 |
| | | | | | 3 | 96.66 |
| | 3000 | SUPERIOR OFFSET | 142 | 140 | 3 | 98.59 |
| | | | | | 3 | 98.59 |
| | 3001 | SUPERIOR OFFSET | 142 | 142 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 3002 | SUPERIOR OFFSET | 142 | 131 | 2 | 92.25 |
| | | | | | 2 | 92.25 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3042 | BW RD OFFSET ANT. | 142 | 137 | 1 | 96.47 |
| | | | 142 | 136 | 2 | 95.77 |
| | | | | | 3 | 96.00 |
| | 3045 | BW RD OFFSET VELLUM | 142 | 136 | 3 | 95.77 |
| | | | | | 3 | 95.77 |
| | 3830 | WHITE BOOKLITE | 138 | 140 | 22 | 101.44 |
| | | | 138 | 139 | 2 | 100.72 |
| | | | 138 | 138 | 1 | 100.00 |
| | | | 138 | 131 | 3 | 94.92 |
| | | | | | 28 | 100.63 |
| | | | | 136 | | 97.43 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 205 | LAUREL TEXT R.S. | 126 | 125 | 2 | 99.20 |
| | | | | | 2 | 99.20 |
| | 1703 | JKN OPACIFIED | 148 | 123 | 4 | 83.10 |
| | | | | | 4 | 83.10 |
| | 2001 | BRITE LITE THIN | 132 | 129 | 20 | 97.72 |
| | | | 132 | 114 | 1 | 86.36 |
| | | | | | 21 | 97.17 |
| | 2009 | ROYAL LITE | 132 | 122 | 20 | 92.42 |
| | | | 132 | 119 | 11 | 90.15 |
| | | | 132 | 117 | 20 | 88.63 |
| | | | | | 51 | 90.44 |
| | 2223 | NATO TEXT BIBLE 80 | 132 | 126 | 2 | 95.45 |
| | | | 132 | 125 | 5 | 94.69 |
| | | | | | 7 | 94.90 |
| | 2405 | SHAKESPEARE THIN | 132 | 136 | 5 | 103.03 |
| | | | | | 5 | 103.03 |
| | 3501 | SCHOOL COTE | 120 | 124 | 3 | 103.33 |
| | | | | | 3 | 103.33 |
| | 3502 | SCHOOL COTE | 120 | 105 | 2 | 87.50 |
| | | | | | 2 | 87.50 |
| | 3510 | IRWIN OPAQUE COTE | 120 | 124 | 2 | 103.33 |
| | | | | | 2 | 103.33 |
| | | | | 124 | | 93.35 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 273 | TYPE IV BLADE BASE | 124 | 120 | 2 | 96.77 |
| | | | 124 | 119 | 1 | 95.96 |
| | | | 124 | 118 | 2 | 95.16 |
| | | | | | 5 | 95.96 |
| | 276 | TYPE IV BLADE BASE | 124 | 109 | 18 | 87.90 |
| | | | 124 | 108 | 1 | 87.09 |
| | | | 124 | 104 | 5 | 83.87 |
| | | | 124 | 100 | 3 | 80.64 |
| | | | 124 | 98 | 1 | 79.03 |
| | | | | | 28 | 86.05 |
| | 1503 | J OFFSET | 109 | 113 | 2 | 107.61 |
| | | | 109 | 110 | 13 | 104.76 |
| | | | 105 | 96 | 2 | 91.42 |
| | | | | | 17 | 103.52 |
| | 1533 | B W 'J' OFFSET | 106 | 117 | 2 | 110.37 |
| | | | 106 | 108 | 2 | 101.88 |
| | | | 106 | 107 | 4 | 100.94 |
| | | | | | 8 | 103.53 |
| | 1549 | B W J OFFSET | 105 | 110 | 2 | 104.76 |
| | | | | | 2 | 104.76 |
| | 1702 | J OPACIFIED OFFSET | 105 | 109 | 2 | 103.80 |
| | | | | | 2 | 103.80 |
| | 2104 | BRITISH OPAQUE | 110 | 114 | 3 | 103.63 |
| | | | | | 5 | 103.63 |
| | 2202 | IMPERIAL BIBLE | 110 | 105 | 2 | 95.45 |
| | | | 110 | 99 | 2 | 90.00 |
| | | | | | 4 | 92.72 |
| | 2407 | SHAKESPEARE THIN | 110 | 102 | 1 | 92.72 |
| | | | | | 1 | 92.72 |
| | 2504 | SOLITUDE OPAQUE | 110 | 117 | 1 | 106.36 |
| | | | | | 1 | 106.36 |
| | 2505 | SOLITUDE OPAQUE | 110 | 115 | 2 | 104.54 |
| | | | | | 2 | 104.54 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 103 | 2 | 93.63 |
| | | | 110 | 102 | 2 | 92.72 |
| | | | | | 4 | 93.17 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 104 | 3 | 99.04 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 105 | 96 | 2 | 91.42 |
| | | | | | 5 | 95.99 |
| | 2902 | DICKENS OFFSET | 110 | 109 | 4 | 99.09 |
| | | | | | 4 | 99.09 |
| | 3001 | SUPERIOR OFFSET | 110 | 99 | 3 | 90.00 |
| | | | | | 3 | 90.00 |
| | 3002 | SUPERIOR OFFSET | 110 | 109 | 1 | 99.09 |
| | | | | | 1 | 99.09 |
| | 3020 | BW SUPERIOR OFFSET - ANTIQUE | 110 | 118 | 2 | 107.27 |
| | | | | | 2 | 107.27 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 117 | 2 | 97.50 |
| | | | 120 | 115 | 1 | 95.83 |
| | | | 120 | 114 | 1 | 95.00 |
| | | | 120 | 111 | 2 | 92.50 |
| | | | 120 | 109 | 2 | 90.83 |
| | | | 120 | 107 | 2 | 89.16 |
| | | | 120 | 106 | 1 | 88.33 |
| | | | 120 | 105 | 1 | 87.50 |
| | | | | | 12 | 92.22 |
| | 3830 | WHITE BOOKLITE | 110 | 119 | 2 | 108.18 |
| | | | 110 | 114 | 1 | 103.63 |
| | | | 110 | 105 | 1 | 95.45 |
| | | | 110 | 102 | 1 | 92.72 |
| | | | | | 5 | 101.63 |
| | 7100 | K WHITE OFFSET | 110 | 101 | 3 | 91.81 |
| | | | | | 3 | 91.81 |
| | 7101 | K WHITE OFFSET | 110 | 102 | 1 | 92.72 |
| | | | | | 1 | 92.72 |
| | 7102 | K WHITE OFFSET | 110 | 112 | 2 | 101.81 |
| | | | 110 | 108 | 2 | 98.18 |
| | | | 110 | 107 | 1 | 97.27 |
| | | | 110 | 105 | 2 | 95.45 |
| | | | 110 | 101 | 1 | 91.81 |
| | | | | | 8 | 97.49 |
| | 7105 | K WHITE OFFSET | 110 | 105 | 2 | 95.45 |
| | | | | | 2 | 95.45 |
| | 7122 | BW K OFFSET - ANTIQUE | 110 | 101 | 5 | 91.81 |
| | | | | | 5 | 91.81 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7123 | BW K OFFSET - ANTIQUE | 110 | 94 | 2 | 85.45 |
| | | | | | 2 | 85.45 |
| | 7124 | BW K OFFSET - ANTIQUE | 110 | 102 | 4 | 92.72 |
| | | | | | 4 | 92.72 |
| | | | | 108 | | 95.43 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 105 | 1 | 100.96 |
| | | | | | 1 | 100.96 |
| | 212 | LAUREL TEXT R.S. | 104 | 111 | 2 | 106.73 |
| | | | | | 2 | 106.73 |
| | 1510 | B.W. OFFSET MF STD | 106 | 107 | 1 | 100.94 |
| | | | 106 | 105 | 11 | 99.05 |
| | | | | | 12 | 99.20 |
| | 2201 | IMPERIAL BIBLE | 110 | 104 | 4 | 94.54 |
| | | | | | 4 | 94.54 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 96 | 107 | 4 | 111.45 |
| | | | 96 | 96 | 2 | 100.00 |
| | | | | | 6 | 107.63 |
| | 2226 | ESPARTO TEXT | 102 | 118 | 2 | 115.68 |
| | | | | | 2 | 115.68 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 116 | 8 | 105.45 |
| | | | 110 | 110 | 4 | 100.00 |
| | | | | | 12 | 103.63 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 114 | 2 | 103.63 |
| | | | 110 | 107 | 3 | 97.27 |
| | | | 110 | 105 | 24 | 95.45 |
| | | | 110 | 100 | 1 | 90.90 |
| | | | | | 30 | 96.02 |
| | 3501 | SCHOOL COTE | 105 | 115 | 5 | 109.52 |
| | | | 105 | 104 | 7 | 99.04 |
| | | | | | 12 | 103.40 |
| | 3502 | SCHOOL COTE | 105 | 118 | 4 | 112.38 |
| | | | 105 | 117 | 1 | 111.42 |
| | | | | | 5 | 112.18 |
| | | | | 108 | | 101.00 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 72 | 70 | 9 | 97.22 |
| | | | 72 | 67 | 10 | 93.05 |
| | | | 72 | 63 | 1 | 87.50 |
| | | | | | 20 | 94.64 |
| | 533 | ELECTROSTATIC - AB DICK | 72 | 73 | 2 | 101.38 |
| | | | 72 | 70 | 1 | 97.22 |
| | | | | | 3 | 99.99 |
| | | | | 68 | | 95.34 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 102 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 805 | LAUREL TEXT | 102 | 122 | 1 | 119.60 |
| | | | | | 1 | 119.60 |
| | 812 | LAUREL TEXT | 102 | 108 | 2 | 105.88 |
| | | | | | 2 | 105.88 |
| | 821 | CAMELIA MATTE | 102 | 119 | 2 | 116.66 |
| | | | | | 2 | 116.66 |
| | 872 | MASTERBASE TYPE IV CLT | 102 | 115 | 2 | 112.74 |
| | | | 102 | 112 | 2 | 109.80 |
| | | | | | 4 | 111.27 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 106 | 21 | 103.92 |
| | | | 102 | 101 | 4 | 99.01 |
| | | | 102 | 95 | 2 | 93.13 |
| | | | | | 27 | 102.39 |
| | | | | 106 | | 104.58 |

SEPTEMBER. 1980.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| | | | #05 | #06 | #07 | #08 | #09 |
| 1 | 1401 | | 68490 | | | | |
| 2 | 1800 | | 42940 | | | | |
| 3 | 2000 | | 26220 | | 149910 | | |
| 4 | 2001 | | 32550 | | 100700 | | |
| 5 | 2002 | | 67020 | | | | |
| 6 | 2007 | | 33450 | | | | |
| 7 | 2009 | | 170860 | | 19040 | | |
| 8 | 2102 | | 34950 | | | | |
| 9 | 2200 | | 41070 | | | | |
| 10 | 2210 | | 114380 | | | | 141330 |
| 11 | 2223 | | 65090 | | | | |
| 12 | 2231 | | 398870 | | | | |
| 13 | 2233 | | 100070 | | | | |
| 14 | 2405 | 130715 | 5490 | | | | |
| 15 | 2420 | | 10250 | | | | |
| 16 | 2426 | | 105410 | | | | |
| 17 | 2503 | | 104750 | | 89240 | 6820 | |
| 18 | 2504 | | 34500 | | | 40880 | 76085 |
| 19 | 2516 | | 24870 | | | | |
| 20 | 0142 | | -1572100 | 684710 | | | |
| 21 | 1000 | | | 84150 | | 45260 | |
| 22 | 1100 | | | 698704 | 1012650 | | |
| 23 | 1503 | | | 50330 | | | |
| 24 | 1510 | | | 37260 | | | [illegible] |
| 25 | 1511 | | | 169690 | | | |
| 26 | 1533 | | | 335820 | | 431910 | 20120 |
| 27 | 1540 | | | 86180 | | 20220 | |
| 28 | 2513 | | | 657120 | | [illegible] | [illegible]0220 |
| 29 | 3002 | | | 302400 | | 4720 | |
| 30 | 3038 | | | 456400 | | | |
| 31 | 3830 | | | 9700 | 239140 | | |
| 32 | 7100 | | | 86000 | | 34730 | 107195 |
| 33 | 7101 | | | 58510 | | 107080 | |
| 34 | 7102 | | 2551 [illegible] 2462 [illegible] | 48760 | | 269600 | |
| 35 | 7104 | | | 43520 | | 56200 | |
| 36 | 7123 | | | 22500 | | | |
| 37 | 7124 | | | 17600 | | 18600 | |
| 38 | 0221 | | | -3948154 | 42810 | | |
| 39 | 2104 | | | | 137560 | | |
| 40 | 2300 | 1646270 | | | 342205 | | |

| | TOTAL | | | |
|---|---|---|---|---|
| | 68450 | 16 | | |
| | 42840 | 16 | | |
| | 176130 | 15 | | |
| | 133250 | 15 | | |
| | 57300 | 15 | | |
| | 33450 | 16 | | |
| | 188900 | 16 | | |
| | 34950 | 16 | | |
| | 41070 | 16 | 187125 | 187125 |
| 20✓ | 255710 | 15 | | |
| | 65070 | 16 | 121250 | 121250 |
| | [illegible]870 | [illegible] | | |
| | 190970 | 16 | | |
| | 5480 | 16 | | |
| | 10230 | 16 | | |
| | 105410 | 16 | 211775 | 211775 |
| | 200310 | 16 | | |
| 25✓ | 151555 | 16 | | |
| | 24870 | 15 | | |
| | 584010 | 10 | | |
| | 130410 | 16 | | |
| | 1711444 | 16 | | |
| | 50530 | 16 | | |
| 20✓ | 225560 | 16 | | |
| | 168690 | 16 | | |
| 20✓ | 796850 | 16 | | |
| | 106400 ✓ | 16 | | |
| 20✓ | 1234390 | 14 | | |
| | 307210 | 16 | | |
| | 456460 | 16 | | |
| | 247840 | 16 | | |
| 25✓ | 227085 | 16 | | |
| | 163500 | 16 | | |
| | 318360 | 16 | | |
| | 99770 | 16 | | |
| | 22500 | 14 | | |
| | 36290 | 14 | | |
| | 42810 | 16 | | |
| | 137560 | 16 | | |
| | 242205 | 16 | | |

577 MADE IN U S A

58 853226

| | | | | | |
|---|---|---|---|---|---|
| 1 | 2430 | | 14840 | | |
| 2 | 2502 | | 45410 | | |
| 3 | 2961 | | 211400 | 343[illegible] | 418650 |
| 4 | 3825 | | 32000 | | |
| 5 | 0272 | | [illegible] | 81[illegible] | |
| 6 | 0276 | | | 259660 | |
| 7 | 1202 | | | 57640 | |
| 8 | 1583 | | | 6640 | |
| 9 | 1805 | | | 45240 | |
| 10 | 1810 | | | 60170 | |
| 11 | 2204 | | | 11760 | |
| 12 | 2406 | | | 264210 | |
| 13 | 2514 | | | [illegible] | 46370 |
| 14 | 2550 | | | 45080 | |
| 15 | 2[illegible] | | | 321770 | |
| 16 | 3000 | | | 21820 | |
| 17 | 3001 | | | 38740 | |
| 18 | 3004 | | | 18[illegible] | |
| 19 | 3400 | | | 124810 | |
| 20 | 6100 | | | [illegible]8570 | |
| 21 | 7[illegible] | | | 53[illegible] | |
| 22 | 7121 | | | 14070 | |
| 23 | 7[illegible] | | | 60080 | |
| 24 | 0203 | | | [illegible]04010 | [illegible]770 |
| 25 | 1703 | | | | 164540 |
| 26 | 1800 | | | | 17430 |
| 27 | 2224 | | | | 47560 |
| 28 | 2240 | | | | 114740 |
| 29 | 2241 | | | | 351630 |
| 30 | 2960 | | | | 199870 |
| 31 | | | | | |
| 32 | 3500 | | | | 133200 |
| 33 | 3502 | | | | 322290 |
| 34 | 2222 | | | | 2801300 |
| 35 | 6700 | 5420344 | | | |
| 36 | 6717 | | 16-2284455 | 2282110 | 1984260 |
| 7 | 6400 | | | | |
| 8 | 6720 | | | | |
| 9 | | | | | |
| 0 | | | | | |

AST 14 94

| TOTAL | | | | | |
|---|---|---|---|---|---|
| 14840 | 16 | | | | |
| 45480 | 16 | | | | |
| 1074070 | 16 | | | | |
| 32000 | 16 | | | | |
| 81330 | 06 | | | | |
| 259660 | 08 | | | | |
| 57640 | 15 | | | | |
| 6640 | 16 | | | | |
| 45240 | 16 | | | | |
| 69170 | 16 | | | | |
| 11760 | 16 | | | | |
| 264210 | 16 | | | | |
| 72600 | 16 | | | | |
| 45080 | 16 | | | | |
| 321770 | 16 | | | | |
| 21820 | 16 | | | | |
| 38740 | 16 | | | | |
| 18320 | 16 | | | | |
| 124810 | 03 | | | | |
| 38570 | 12 | | | | |
| 53230 | 16 | | | | |
| 14070 | 14 | | | | |
| 60080 | 14 | | | | |
| 222770 | 16 | | | | |
| 164540 | 16 | | | | |
| 17430 | 16 | | | | |
| 47560 | 16 | | | | |
| 114740 | 16 | | | | |
| 351630 | 16 | | | | |
| 199870 | 16 | | | | |
| 133200 | 19 | | | | |
| 322290 | 19 | | | | |
| 14050719 | | 93570 | | 93570 | 15 |
| | | 68330 | 269000 | 337330 | 15 |
| MILLD | | 121800 | | 121800 | 15 |
| 8630375 | | 903860 | 364705 | 364705 | 07 |
| | | | 116860 | 116860 | 15 |
| | | | 950565 | 1554425 | |
| | | | | | 1540 |
| 1541 | | | | | |

577 MADE IN U.S.A.

SA 053728

PROGRAM: A4PS35C2 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/01/80 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 25.00 | 1401 | BRITISH OPAQUE - SER | 25.5 | 25.0 | 106.95 | 60419 | 68490 | | 68490 | 113.35 |
| 5 | 30.00 | 1800 | PRIDE OPAQUE | 15.2 | 13.8 | 97.61 | 40070 | 42940 | 520 | 42420 | 105.86 |
| 5 | 20.00 | 2000 | BRITE LITE THIN | 26.1 | 22.8 | 91.95 | 42106 | 26220 | 400 | 25820 | 61.32 |
| 5 | 22.00 | 2001 | BRITE LITE THIN | 16.3 | 15.7 | 105.08 | 33498 | 32650 | 800 | 31750 | 94.89 |
| 5 | 24.00 | 2002 | BRITE LITE THIN | 26.4 | 26.1 | 107.85 | 58096 | 67020 | | 67020 | 115.36 |
| 5 | 20.00 | 2007 | BRITE LITE PLUS | 19.2 | 19.0 | 107.95 | 33844 | 33450 | | 33450 | 98.83 |
| 5 | 21.00 | 2009 | ROYAL LITE | 139.5 | 123.8 | 96.81 | 2488459 | 170860 | | 170860 | 68.76 |
| 5 | 30.00 | 2102 | BRITISH OPAQUE | 13.9 | 12.7 | 99.67 | 33870 | 34950 | | 34950 | 103.18 |
| 5 | 25.00 | 2200 | IMPERIAL BIBLE | 17.2 | 17.0 | 107.82 | 40364 | 41070 | | 41070 | 101.74 |
| 5 | 24.00 | 2210 | IMPERIAL BIBLE EF NA | 45.3 | 43.4 | 104.52 | 98272 | 114380 | | 114380 | 116.39 |
| 5 | 21.00 | 2283 | NATO TEXT BIBLE 80 | 38.8 | 32.2 | 98.44 | 68725 | 65090 | 8440 | 56650 | 82.42 |
| 5 | 35.00 | 2291 | ALLIED SPECIAL BIBLE | 128.0 | 123.5 | 106.96 | 350362 | 398870 | 2100 | 396770 | 113.24 |
| 5 | 22.00 | 2233 | IMPERIAL BIBLE EXTRA | 89.5 | 83.5 | 101.78 | 168381 | 190970 | 1400 | 189570 | 112.58 |
| 5 | 30.00 | 2405 | SHAKESPEARE THIN | 3.8 | 1.5 | 45.06 | 4389 | 5480 | | 5480 | 127.29 |
| 5 | 20.00 | 2420 | SPEC. SHAKESPEARE TH | 11.0 | 10.2 | 101.16 | 21542 | 10230 | | 10230 | 47.48 |
| 5 | 26.00 | 2426 | SHAKESPEARE THIN | 45.0 | 43.3 | 104.97 | 93354 | 105410 | 1300 | 104110 | 111.52 |
| 5 | 30.00 | 2503 | SOLITUDE OPAQUE | 39.8 | 37.7 | 103.33 | 107142 | 104750 | | 104750 | 97.76 |
| 5 | 35.00 | 2504 | SOLITUDE OPAQUE | 12.0 | 11.2 | 101.82 | 33794 | 34590 | | 34590 | 102.35 |
| 5 | 30.00 | 2516 | CELLUPAQUE | 8.9 | 8.2 | 105.24 | 21868 | 24870 | | 24870 | 113.72 |
| | 27.14 | | MACH TOTAL 1.09091 | 720.2 | 671.6 | 101.73 | 1558431 | 1572190 | 14960 | 1557230 | 99.92 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 119.5 | 115.8 | 105.71 | 607901 | 684810 | 5280 | 678730 | 111.65 |
| 6 | 45.00 | 1000 | O.P. OFFSET | 13.8 | 13.3 | 105.14 | 75810 | 84150 | | 84150 | 111.00 |
| 6 | 30.00 | 1188 | E. B. NEW SHADE | 186.0 | 169.3 | 96.95 | 725392 | 698794 | 10200 | 688594 | 94.92 |
| 6 | 40.00 | 1503 | J OFFSET | 10.9 | 9.7 | 97.08 | 55547 | 50530 | | 50530 | 90.96 |
| 6 | 45.00 | 1518 | B.W. OFFSET MF STD | 5.9 | 5.4 | 99.85 | 36443 | 37260 | 2400 | 34860 | 95.65 |
| 6 | 45.00 | 1519 | JOY OF COOKING OFFSE | 26.2 | 25.1 | 104.51 | 155697 | 168690 | 1000 | 167690 | 107.73 |
| 6 | 45.00 | 1533 | B W "J" OFFSET | 47.1 | 44.8 | 103.87 | 338830 | 338820 | | 338820 | 109.86 |
| 6 | 45.00 | 1549 | B W J OFFSET | 12.5 | 11.4 | 99.49 | 80028 | 86180 | | 86180 | 107.68 |
| 6 | 35.00 | 2254 | EX. WHITE IMPERIAL B | | | | | | 1300 | 1300 | |
| 6 | 35.00 | 2504 | SOLITUDE OPAQUE | | | | | | | | |
| 6 | 50.00 | 2507 | SOLITUDE OPAQUE | | | | | | | | |
| 6 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 112.4 | 103.7 | 100.65 | 603180 | 657120 | 2150 | 654970 | 108.58 |
| 6 | 50.00 | 3002 | SUPERIOR OFFSET | 53.3 | 49.3 | 100.90 | 333649 | 302490 | | 302490 | 90.66 |
| 6 | 38.00 | 3038 | HOME DICTIONARY PAPE | 86.3 | 80.8 | 102.14 | 454739 | 456468 | 6120 | 450340 | 99.03 |
| 6 | 30.00 | 3838 | WHITE BOOKLITE | 3.8 | 3.0 | 86.12 | 11929 | 9700 | | 9700 | 81.34 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 19.0 | 15.7 | 90.14 | 94307 | 86060 | | 86060 | 91.25 |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 10.7 | 9.8 | 99.92 | 62563 | 58510 | 3500 | 55010 | 87.92 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 6.4 | 6.4 | 109.09 | 43298 | 48760 | | 48760 | 112.61 |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 6.8 | 5.9 | 94.65 | 43281 | 43520 | | 43520 | 100.55 |
| 6 | 55.00 | 7123 | BW K OFFSET - ANTIQU | 2.5 | 2.5 | 109.09 | 18200 | 22500 | | 22500 | 123.62 |
| 6 | 60.00 | 7124 | BW K OFFSET - ANTIQU | 2.6 | 2.3 | 96.50 | 16390 | 17600 | | 17600 | 107.38 |
| | 43.57 | | MACH TOTAL 1.09091 | 725.7 | 669.9 | 100.70 | 3724145 | 3848154 | 31950 | 3816204 | 102.47 |
| 7 | 30.00 | 221 | CAMELIA MATTE RS | 11.0 | 10.0 | 99.17 | 38795 | 42810 | | 42810 | 110.34 |
| 7 | 30.00 | 1100 | E. B. NEW SHADE | 285.6 | 262.5 | 100.27 | 1151941 | 1012650 | 35590 | 977060 | 84.81 |
| 7 | 30.00 | 1800 | PRIDE OPAQUE | | | | | | | | |
| 7 | 20.00 | 2000 | BRITE LITE THIN | 78.0 | 66.1 | 92.45 | 159058 | 149910 | 10190 | 139720 | 87.84 |

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

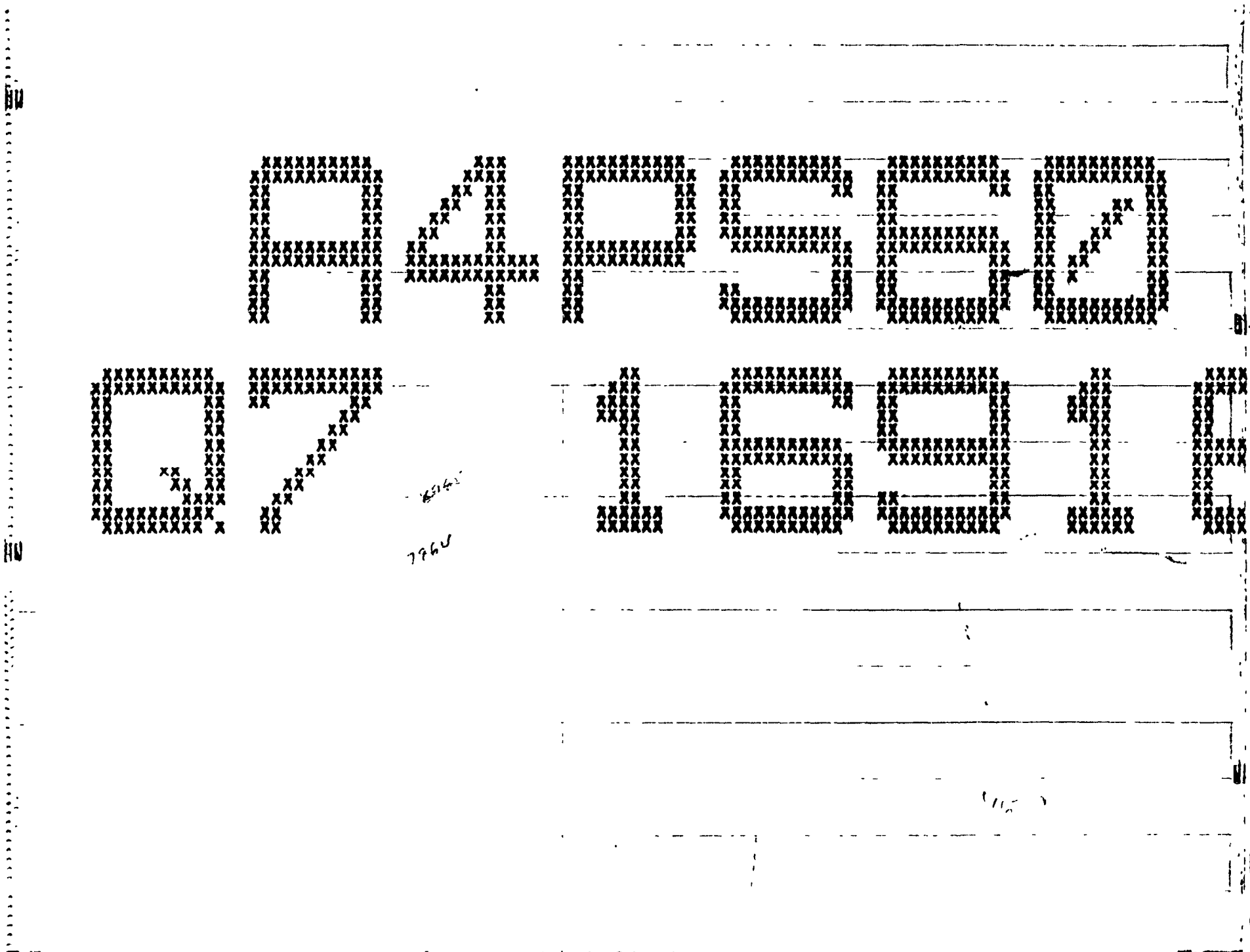
| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 22.00 | 2001 | BRITE LITE THIN | 43.8 | 40.8 | 99.63 | 111485 | 100700 | 2300 | 98400 | 88.26 |
| 7 | 21.00 | 2009 | ROYAL LITE | 14.0 | 13.0 | 105.97 | 32851 | 18040 | | 18040 | 54.91 |
| 7 | 35.00 | 2104 | BRITISH OPAQUE | 30.2 | 28.7 | 103.67 | 130250 | 137560 | | 137560 | 105.61 |
| 7 | 22.00 | 2233 | IMPERIAL BIBLE EXTRA | | | | | | 2800 | 2800 | |
| 7 | 36.00 | 2300 | MERRIAM DICTIONARY | 94.6 | 88.8 | 101.48 | 344196 | 342205 | | 342205 | 99.42 |
| 7 | 30.00 | 2430 | PUBLISHERS THIN | 4.3 | 3.3 | 83.72 | 13327 | 14840 | 3600 | 11240 | 84.34 |
| 7 | 28.00 | 2502 | SOLITUDE OPAQUE | 13.7 | 12.6 | 100.33 | 48110 | 45480 | | 45480 | 94.53 |
| 7 | 30.00 | 2503 | SOLITUDE OPAQUE | 24.6 | 21.5 | 95.34 | 89563 | 89240 | | 89240 | 99.63 |
| 7 | 50.00 | 2961 | BW G OFFSET | 51.2 | 48.6 | 103.55 | 261734 | 311490 | | 311490 | 119.01 |
| 7 | 30.00 | 3838 | WHITE BOOKLITE | 64.0 | 52.7 | 89.83 | 231264 | 238140 | 2350 | 235790 | 101.95 |
| 7 | 35.00 | 3835 | WHITE BOOK LITE | 7.0 | 6.4 | 99.74 | 28343 | 32000 | | 32000 | 112.90 |
| | 31.78 | | MACH TOTAL 1.09091 | 722.0 | 654.0 | 98.82 | 2640917 | 2535065 | 56830 | 2478235 | 93.83 |
| 8 | 65.00 | 272 | TYPE IV BASE STOCK L | 15.6 | 13.1 | 105.59 | 63954 | 81330 | | 81330 | 127.96 |
| 8 | 60.00 | 276 | TYPE IV BLADE BASE | 58.3 | 54.4 | 101.79 | 251239 | 259660 | 6500 | 253160 | 100.76 |
| 8 | 45.00 | 1000 | O.P. OFFSET | 8.2 | 8.0 | 106.43 | 42316 | 46260 | | 46260 | 109.32 |
| 8 | 33.00 | 1202 | SPECIAL AM PRIDE | 15.2 | 14.3 | 102.63 | 57371 | 57640 | | 57640 | 100.46 |
| 8 | 50.00 | 1533 | B W 'J' OFFSET | 73.2 | 70.8 | 105.07 | 393866 | 431910 | 2340 | 429570 | 109.06 |
| 8 | 55.00 | 1549 | B W J OFFSET | 3.5 | 3.3 | 102.86 | 16632 | 20220 | | 20220 | 121.57 |
| 8 | 50.00 | 1583 | J OFFSET ANTIQUE | .8 | .8 | 109.09 | 9842 | 6640 | 790 | 5850 | 60.67 |
| 8 | 38.00 | 1805 | ALLIED PRIDE | 10.8 | 10.8 | 109.09 | 40824 | 45240 | | 45240 | 110.81 |
| 8 | 40.00 | 1818 | BW PRIDE OPAQUE | 18.0 | 14.8 | 84.85 | 65583 | 69170 | 4500 | 64670 | 98.60 |
| 8 | 35.00 | 2204 | IMPERIAL BIBLE | 3.6 | 2.9 | 87.88 | 12214 | 11760 | | 11760 | 96.28 |
| 8 | 33.00 | 2406 | SHAKESPEARE THIN | 72.6 | 69.8 | 104.88 | 268168 | 264210 | | 264210 | 98.52 |
| 8 | 38.00 | 2503 | SOLITUDE OPAQUE | 2.0 | 2.0 | 109.09 | 6221 | 6320 | | 6320 | 101.59 |
| 8 | 35.00 | 2504 | SOLITUDE OPAQUE | 16.3 | 12.8 | 85.67 | 53913 | 40880 | | 40880 | 75.82 |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 88.1 | 73.9 | 91.51 | 315032 | 357050 | 1380 | 355670 | 112.89 |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 9.2 | 7.8 | 89.38 | 27210 | 26230 | | 26230 | 96.37 |
| 8 | 30.00 | 2550 | IBM SUPERIOR VEL. | 10.2 | 9.8 | 102.67 | 29082 | 45080 | 11700 | 33380 | 130.38 |
| 8 | 50.00 | 2961 | BW G OFFSET | 64.0 | 60.6 | 103.30 | 334156 | 343930 | | 343930 | 102.92 |
| 8 | 60.00 | 2962 | GPO LOT 21 | 88.1 | 81.8 | 98.68 | 317430 | 321770 | 5830 | 315940 | 99.53 |
| 8 | 40.00 | 3000 | SUPERIOR OFFSET | 5.2 | 4.9 | 102.80 | 19894 | 21820 | | 21820 | 109.68 |
| 8 | 45.00 | 3001 | SUPERIOR OFFSET | 8.6 | 7.0 | 88.80 | 33128 | 38740 | 1520 | 37220 | 112.35 |
| 8 | 50.00 | 3002 | SUPERIOR OFFSET | 1.5 | 1.5 | 109.09 | 9097 | 4720 | 5650 | 930 | 10.22 |
| 8 | 60.00 | 3004 | SUPERIOR OFFSET | 5.0 | 4.2 | 91.64 | 21000 | 18320 | | 18320 | 87.23 |
| 8 | 80.00 | 3460 | END LEAF OFFSET - HI | 32.8 | 29.2 | 83.81 | 130349 | 124810 | 3810 | 121000 | 92.83 |
| 8 | 60.00 | 6100 | WHITE CAP GUN STOCK | 7.7 | 7.1 | 108.59 | 40115 | 38570 | 340 | 38230 | 95.30 |
| 8 | 40.00 | 7000 | CALENDAR PAD OFFSET | 10.3 | 10.3 | 109.09 | 47671 | 53230 | | 53230 | 111.66 |
| 8 | 48.00 | 7100 | K WHITE OFFSET | 7.8 | 7.4 | 103.50 | 31545 | 34730 | | 34730 | 110.09 |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 21.3 | 19.7 | 100.90 | 98734 | 105080 | | 105080 | 106.42 |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 54.7 | 46.1 | 91.94 | 258090 | 269600 | 4680 | 264920 | 102.64 |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 10.5 | 7.8 | 77.92 | 39375 | 56250 | 1240 | 55010 | 139.70 |
| 8 | 45.00 | 7121 | BW K OFFSET - ANTIQU | 3.8 | 3.8 | 86.12 | 15312 | 14970 | 3610 | 10460 | 68.31 |
| 8 | 50.00 | 7122 | BW K OFFSET - ANTIQU | 11.5 | 11.1 | 108.25 | 43811 | 60080 | | 60080 | 94.44 |
| 8 | 60.00 | 7124 | BW K OFFSET - ANTIQU | 4.4 | 3.9 | 98.69 | 19800 | 18670 | | 18670 | 93.96 |
| | 49.50 | | MACH TOTAL 1.09091 | 722.8 | 650.6 | 98.19 | 3128782 | 3294010 | 53890 | 3240120 | 103.56 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 65.2 | 53.3 | 89.18 | 215610 | 222770 | 8300 | 214470 | 99.47 |

PROGRAM: A4PS35C2 — S C M A L L I E D P A P E R I N C. — PAGE 3
RUN DATE: 10/01/80 — DAILY PRODUCTION SYSTEM

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 40.00 | 1503 | J OFFSET | | | | | | 1320 | 1320 | |
| 9 | 45.00 | 1510 | B.W. OFFSET MF STD | 39.6 | 38.8 | 98.07 | 162270 | 188300 | | 188300 | 116.04 |
| 9 | 50.00 | 1533 | B W "J" OFFSET | 8.1 | 8.4 | 96.67 | 29172 | 29120 | 3860 | 26060 | 103.52 |
| 9 | 60.00 | 1703 | UKN OPACIFIED | 39.2 | 39.8 | 98.98 | 159839 | 164540 | 1320 | 163220 | 102.11 |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 10.2 | 6.2 | 66.31 | 20731 | 17430 | | 17430 | 84.07 |
| 9 | 35.00 | 1805 | ALLIED PRIDE | | | | | | 1000 | 1000 | |
| 9 | 24.00 | 2210 | IMPERIAL BIBLE EF NA | 63.1 | 56.8 | 90.20 | 128681 | 141330 | 5110 | 136220 | 105.85 |
| 9 | 30.00 | 2228 | CW IMPERIAL BIBLE | 12.5 | 12.9 | 104.73 | 40857 | 47360 | 1010 | 46350 | 113.93 |
| 9 | 30.00 | 2240 | LAWYERS WHITE OFFSET | 34.4 | 27.9 | 80.48 | 98384 | 114740 | | 114740 | 116.62 |
| 9 | 35.00 | 2241 | LAWYERS OFFSET | 95.4 | 86.9 | 90.37 | 334108 | 351630 | 3460 | 348170 | 104.20 |
| 9 | 35.00 | 2504 | SOLITUDE OPAQUE | 30.1 | 29.2 | 73.57 | 74404 | 76085 | 5230 | 70855 | 95.23 |
| 9 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 51.2 | 47.8 | 101.21 | 199401 | 220220 | 3200 | 217020 | 108.85 |
| 9 | 35.00 | 2514 | INTERNATIONAL HARVES | 18.0 | 18.1 | 79.33 | 45220 | 46370 | | 46370 | 102.55 |
| 9 | 40.00 | 2960 | GPO LOT 16 OFFSET | 47.7 | 48.1 | 105.43 | 193244 | 199870 | | 199870 | 103.43 |
| 9 | 50.00 | 2961 | BW 8 OFFSET | 90.1 | 77.1 | 93.35 | 375439 | 416650 | 900 | 415750 | 111.27 |
| 9 | 40.00 | 3500 | SCHOOL COTE | 32.2 | 30.2 | 102.32 | 123745 | 132000 | 1200 | 130800 | 106.67 |
| 9 | 50.00 | 3502 | SCHOOL COTE | 70.7 | 64.4 | 99.37 | 297962 | 322290 | 10860 | 311430 | 104.66 |
| 9 | 40.00 | 7100 | K WHITE OFFSET | 34.3 | 28.7 | 91.28 | 104029 | 107195 | | 107195 | 103.04 |
| | 41.81 | | MACH TOTAL 1.09091 | 736.0 | 644.8 | 94.94 | 2698701 | 2861300 | 45970 | 2755330 | 102.09 |
| | | | MILL TOTAL | 3628.7 | 3288.8 | 98.86 | 13750976 | 14058719 | 203800 | 13847119 | 100.69 |
| 10 | 33.00 | 1803 | PRIDE OPAQUE | | | | | | | | |
| 10 | 25.00 | 2200 | IMPERIAL BIBLE | 98.3 | 87.8 | 99.48 | 180954 | 187135 | | 187135 | 103.41 |
| 10 | 20.00 | 2222 | BANK DIRECTORY | 52.7 | 44.8 | 94.89 | 88199 | 93570 | 2550 | 91020 | 103.19 |
| 10 | 31.00 | 2235 | NATO TEXT BIBLE 80 | 69.1 | 59.7 | 96.44 | 123788 | 121250 | 24810 | 96440 | 77.90 |
| 10 | 30.00 | 2405 | SHAKESPEARE THIN | | | | | | | | |
| 10 | 26.00 | 2426 | SHAKESPEARE THIN | 97.1 | 98.1 | 103.58 | 194249 | 211775 | 1260 | 210515 | 108.37 |
| 10 | 16.25 | 6708 | CRIMPING WRAP | 48.0 | 41.3 | 96.05 | 86080 | 88230 | | 88230 | 103.49 |
| 10 | 17.50 | 6717 | WHITE CRIMPING PAPER | 90.3 | 68.4 | 88.86 | 98338 | 121800 | | 121800 | 126.44 |
| | 22.20 | | MACH TOTAL 1.11628 | 455.5 | 388.9 | 98.31 | 749600 | 803860 | 28620 | 775240 | 103.42 |
| 11 | 21.50 | 6400 | CIGARETTE TIPPING - | 229.9 | 217.8 | 105.55 | 372949 | 364705 | 7510 | 357195 | 95.87 |
| 11 | 16.25 | 6708 | CRIMPING WRAP | 195.5 | 163.1 | 93.13 | 260960 | 269000 | | 269000 | 103.08 |
| 11 | 17.50 | 6717 | WHITE CRIMPING PAPER | | | | | | | | |
| 11 | 18.00 | 6720 | PLUG WRAP | 87.5 | 76.8 | 97.69 | 123938 | 116860 | | 116860 | 94.29 |
| | 19.07 | | MACH TOTAL 1.11628 | 512.8 | 456.8 | 99.48 | 757437 | 750565 | 7510 | 743055 | 98.10 |
| | | | MILL TOTAL | 968.0 | 845.5 | 97.50 | 1507039 | 1554425 | 36130 | 1518295 | 100.74 |
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 198.0 | 180.4 | 100.54 | 693838 | 716560 | 39135 | 677425 | 97.63 |
| 15 | 76.00 | 533 | ELECTROSTATIC - AB D | 12.7 | 11.7 | 101.66 | 45864 | 43110 | | 43110 | 93.99 |
| | 78.00 | | MACH TOTAL 1.10345 | 210.7 | 192.1 | 100.60 | 739702 | 759670 | 39135 | 720535 | 97.40 |
| 17 | 50.00 | 803 | LAUREL TEXT | 29.8 | 24.8 | 91.83 | 222673 | 202670 | 1440 | 201230 | 90.37 |
| 17 | 91.00 | 872 | MASTERBASE TYPE IV C | 17.2 | 14.8 | 93.06 | 235464 45260 | 45600 | | 45600 | 19.36 100.75 |
| 17 | 89.50 | 876 | MASTERBASE TYPE IV D | 134.2 | 124.8 | 101.96 (32572 | 1004233 | 598540 | 27300 | 571240 | 84.96 89.96 |
| | 78.69 | | MACH TOTAL 1.10345 | 181.2 | 163.4 | 99.51 | 1962370 | 844110 | 28740 | 815370 | 76.75 |

900475 — 90.55




5A 053732

```
********************    END   A4PS60    16916   LAST                    01 OCT 80   15.11.15   ********
********************    END   A4PS60    16916   LAST                    01 OCT 80   15.11.15   ********
********************    END   A4PS60    16916   LAST                    01 OCT 80   15.11.15   ********
********************    END   A4PS60    16916   LAST                    01 OCT 80   15.11.15   ********
********************    END   A4PS60    16916   LAST                    01 OCT 80   15.11.15   ********
********************    END   A4PS60    16916   LAST                    01 OCT 80   15.11.15   ********
********************    END   A4PS60    16916   LAST                    01 OCT 80   15.11.15   ********
********************    END   A4PS60    16916   LAST                    01 OCT 80   15.11.15   ********
```

ACC. PRODUCTION





85734

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 10/01/80
7800I  OPTION ROUTE=LST                                                    0010
7800I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,50,3,PD,A),WORK=1,FILES=1          0011
7800I  RECORD TYPE=F,LENGTH=(80,,80)                                       0012
7800I  INPFIL BLKSIZE=4080                                                 0013
7800I  OUTFIL BLKSIZE=4080                                                 0014
7A00I  END                                                                 0015

7J03I SORT  COMPLETE, IN 861, OUT 861.
```

PROGRAM: A4PS33C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/01/80 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 9 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 600 | 600 | 1 | 100.00 |
| | | | 600 | 660 | 1 | 110.00 |
| | | | 600 | 690 | 3 | 115.00 |
| | | | | | 5 | 111.00 |
| | 1800 | PRIDE OPAQUE | 600 | 580 | 1 | 96.66 |
| | | | 600 | 630 | 2 | 105.00 |
| | | | | | 3 | 102.22 |
| | 2000 | BRITE LITE THIN | 620 | 600 | 2 | 96.77 |
| | | | 620 | 690 | 3 | 111.29 |
| | | | | | 5 | 105.48 |
| | 2001 | BRITE LITE THIN | 620 | 690 | 3 | 111.29 |
| | | | | | 3 | 111.29 |
| | 2002 | BRITE LITE THIN | 600 | 620 | 2 | 103.33 |
| | | | 600 | 670 | 4 | 111.66 |
| | | | | | 6 | 108.88 |
| | 2007 | BRITE LITE PLUS | 620 | 690 | 3 | 111.29 |
| | | | | | 3 | 111.29 |
| | 2009 | ROYAL LITE | 620 | 600 | 2 | 96.77 |
| | | | 620 | 620 | 6 | 100.00 |
| | | | 620 | 640 | 6 | 103.22 |
| | | | 620 | 650 | 5 | 104.83 |
| | | | 620 | 690 | 8 | 111.29 |
| | | | | | 23 | 105.53 |
| | 2102 | BRITISH OPAQUE | 600 | 600 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2200 | IMPERIAL BIBLE | 600 | 660 | 2 | 110.00 |
| | | | 600 | 665 | 1 | 110.83 |
| | | | | | 3 | 110.27 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 600 | 600 | 2 | 100.00 |
| | | | 600 | 690 | 4 | 115.00 |
| | | | 600 | 695 | 1 | 115.83 |
| | | | | | 7 | 110.83 |
| | 2223 | NATO TEXT BIBLE 80 | 620 | 600 | 5 | 96.77 |
| | | | | | 5 | 96.77 |
| | 2231 | ALLIED SPECIAL BIBLE | 570 | 570 | 12 | 100.00 |
| | | | 570 | 600 | 6 | 105.26 |
| | | | | | 18 | 101.75 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 620 | 660 | 1 | 106.45 |
| | | | 620 | 690 | 15 | 111.29 |
| | | | | | 16 | 110.98 |
| | 2405 | SHAKESPEARE THIN | 600 | 630 | 1 | 105.00 |
| | | | | | 1 | 105.00 |
| | 2420 | SPEC. SHAKESPEARE THIN | 620 | 640 | 1 | 103.22 |
| | | | 620 | 650 | 1 | 104.83 |
| | | | | | 2 | 104.02 |
| | 2428 | SHAKESPEARE THIN | 600 | 620 | 2 | 103.33 |
| | | | 600 | 670 | 1 | 111.66 |
| | | | 600 | 690 | 1 | 115.00 |
| | | | | | 6 | 109.44 |
| | 2503 | SOLITUDE OPAQUE | 600 | 580 | 2 | 96.66 |
| | | | 600 | 600 | 6 | 100.00 |
| | | | 600 | 630 | 1 | 105.00 |
| | | | | | 9 | 99.81 |
| | 2504 | SOLITUDE OPAQUE | 570 | 570 | 1 | 100.00 |
| | | | 570 | 690 | 1 | 121.05 |
| | | | | | 2 | 110.52 |
| | 2516 | CELLUPAQUE | 600 | 580 | 1 | 96.66 |
| | | | 600 | 630 | 1 | 105.00 |
| | | | | | 2 | 100.83 |
| | | | | | | 106.08 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 8 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 600 | 600 | 20 | 100.00 |
| | | | 500 | 520 | 5 | 104.00 |
| | | | 500 | 550 | 3 | 110.00 |
| | | | 500 | 750 | 1 | 150.00 |
| | | | | | 29 | 103.44 |
| | 1000 | Q.P. OFFSET | 720 | 720 | 1 | 100.00 |
| | | | 720 | 740 | 1 | 102.77 |
| | | | | | 2 | 101.38 |
| | 1100 | E. B. NEW SHADE | 750 | 750 | 24 | 100.00 |
| | | | | | 24 | 100.00 |
| | 1503 | J OFFSET | 740 | 740 | 8 | 100.00 |
| | | | | | 2 | 100.00 |
| | 1510 | B.W. OFFSET MF STD | 720 | 720 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 1511 | JOY OF COOKING OFFSET | 720 | 700 | 1 | 97.22 |
| | | | 720 | 720 | 5 | 100.00 |
| | | | | | 6 | 99.53 |
| | 1533 | B W "J" OFFSET | 700 | 530 | 1 | 75.71 |
| | | | 700 | 700 | 9 | 100.00 |
| | | | 700 | 720 | 1 | 102.85 |
| | | | | | 11 | 98.05 |
| | 1549 | B W J OFFSET | 670 | 670 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2513 | IRM SUPERIOR OFFSET | 740 | 740 | 23 | 100.00 |
| | | | | | 23 | 100.00 |
| | 3002 | SUPERIOR OFFSET | 700 | 700 | 7 | 100.00 |
| | | | 700 | 720 | 1 | 102.85 |
| | | | | | 8 | 100.35 |
| | 3038 | HOME DICTIONARY PAPER | 780 | 740 | 11 | 98.66 |
| | | | 750 | 750 | 2 | 100.00 |
| | | | | | 13 | 98.86 |
| | 3830 | WHITE BOOKLITE | 750 | 750 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 7100 | K WHITE OFFSET | 740 | 740 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 7101 | K WHITE OFFSET | 720 | 750 | 2 | 104.16 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 9 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 2 | 104.16 |
| | 7102 | K WHITE OFFSET | 700 | 700 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 7104 | K WHITE OFFSET | 620 | 630 | 3 | 101.61 |
| | | | | | 3 | 101.61 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | 670 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 7124 | BW K OFFSET - ANTIQUE | 620 | 630 | 1 | 101.61 |
| | | | | | 1 | 101.61 |
| | | | | | | 100.59 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 221 | CAMELIA MATTE RS | 750 | 799 | 1 | 106.53 |
| | | | 750 | 800 | 1 | 106.66 |
| | | | | | 2 | 106.59 |
| | 1100 | E. B. NEW SHADE | 750 | 700 | 2 | 93.33 |
| | | | 750 | 720 | 5 | 96.00 |
| | | | 750 | 730 | 3 | 97.33 |
| | | | 750 | 750 | 12 | 100.00 |
| | | | 750 | 760 | 17 | 101.33 |
| | | | | | 39 | 99.51 |
| | 2000 | BRITE LITE THIN | 670 | 700 | 2 | 104.47 |
| | | | 670 | 740 | 10 | 110.44 |
| | | | | | 12 | 109.44 |
| | 2001 | BRITE LITE THIN | 670 | 720 | 1 | 107.46 |
| | | | 670 | 750 | 5 | 111.94 |
| | | | | | 6 | 111.19 |
| | 2009 | ROYAL LITE | 670 | 700 | 2 | 104.47 |
| | | | | | 2 | 104.47 |
| | 2104 | BRITISH OPAQUE | 740 | 780 | 2 | 105.40 |
| | | | 740 | 800 | 3 | 108.10 |
| | | | | | 5 | 107.02 |
| | 2300 | MERRIAM DICTIONARY | 750 | 775 | 1 | 103.33 |
| | | | 750 | 780 | 3 | 104.00 |
| | | | 750 | 800 | 10 | 106.66 |
| | | | | | 14 | 106.65 |
| | 2430 | PUBLISHERS THIN | 750 | 760 | 1 | 101.33 |
| | | | | | 1 | 101.33 |
| | 2502 | SOLITUDE OPAQUE | 750 | 800 | 3 | 106.66 |
| | | | | | 3 | 106.66 |
| | 2503 | SOLITUDE OPAQUE | 750 | 750 | 4 | 100.00 |
| | | | | | 4 | 100.00 |
| | 2961 | RW G OFFSET | 580 | 625 | 8 | 107.75 |
| | | | | | 8 | 107.75 |
| | 3830 | WHITE BOOKLITE | 750 | 750 | 8 | 100.00 |
| | | | 750 | 760 | 2 | 101.33 |
| | | | | | 10 | 100.26 |
| | 3835 | WHITE BOOK LITE | 740 | 750 | 2 | 101.35 |
| | | | | | 2 | 101.35 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | | 103.60 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 272 | TYPE IV BASE STOCK LIQ. TONER | 400 | 480 | 2 | 120.00 |
| | | | 400 | 500 | 2 | 125.00 |
| | | | | | 4 | 122.50 |
| | 276 | TYPE IV BLADE BASE | 500 | 500 | 14 | 100.00 |
| | | | | | 14 | 100.00 |
| | 1000 | Q.P. OFFSET | 730 | 760 | 2 | 104.10 |
| | | | | | 2 | 104.10 |
| | 1202 | SPECIAL AM PRIDE | 730 | 760 | 3 | 104.10 |
| | | | | | 3 | 104.10 |
| | 1533 | B W 'J' OFFSET | 730 | 750 | 8 | 102.73 |
| | | | 730 | 760 | 10 | 104.10 |
| | | | | | 18 | 103.49 |
| | 1549 | B W J OFFSET | 650 | 750 | 1 | 115.38 |
| | | | | | 1 | 115.38 |
| | 1583 | J OFFSET ANTIQUE | 730 | 700 | 1 | 95.89 |
| | | | | | 1 | 95.89 |
| | 1805 | ALLIED PRIDE | 730 | 760 | 2 | 104.10 |
| | | | | | 2 | 104.10 |
| | 1810 | BW PRIDE OPAQUE | 729 | 760 | 4 | 105.58 |
| | | | | | 4 | 105.58 |
| | 2204 | IMPERIAL BIBLE | 730 | 760 | 1 | 104.10 |
| | | | | | 1 | 104.10 |
| | 2406 | SHAKESPEARE THIN | 730 | 750 | 10 | 102.73 |
| | | | | | 10 | 102.73 |
| | 2503 | SOLITUDE OPAQUE | 730 | 760 | 1 | 104.10 |
| | | | | | 1 | 104.10 |
| | 2504 | SOLITUDE OPAQUE | 730 | 760 | 3 | 104.10 |
| | | | | | 3 | 104.10 |
| | 2513 | IBM SUPERIOR OFFSET | 720 | 760 | 3 | 105.55 |
| | | | 720 | 780 | 11 | 108.33 |
| | | | | | 14 | 107.73 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 730 | 760 | 2 | 104.10 |
| | | | | | 2 | 104.10 |
| | 2550 | IBM SUPERIOR VEL. | 730 | 750 | 2 | 102.73 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 2 | 102.73 |
| | 2961 | BW @ OFFSET | 730 | 735 | 1 | 100.68 |
| | | | 730 | 740 | 4 | 101.36 |
| | | | 730 | 750 | 4 | 102.73 |
| | | | 730 | 755 | 2 | 103.42 |
| | | | | | 11 | 102.17 |
| | 2962 | GPO LOT 21 | 590 | 620 | 7 | 105.08 |
| | | | 590 | 650 | 6 | 110.16 |
| | | | | | 13 | 107.42 |
| | 3000 | SUPERIOR OFFSET | 720 | 760 | 1 | 108.55 |
| | | | | | 1 | 105.55 |
| | 3001 | SUPERIOR OFFSET | 730 | 750 | 3 | 102.73 |
| | | | | | 3 | 102.73 |
| | 3002 | SUPERIOR OFFSET | 730 | 730 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 3004 | SUPERIOR OFFSET | 590 | 630 | 2 | 106.77 |
| | | | | | 2 | 106.77 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 400 | 400 | 8 | 100.00 |
| | | | | | 8 | 100.00 |
| | 6100 | WHITE CAP GUN STOCK | 590 | 620 | 2 | 105.08 |
| | | | | | 2 | 105.08 |
| | 7000 | CALENDAR PAD OFFSET | 720 | 760 | 3 | 105.55 |
| | | | | | 3 | 105.55 |
| | 7100 | K WHITE OFFSET | 720 | 760 | 3 | 105.55 |
| | | | | | 3 | 105.55 |
| | 7101 | K WHITE OFFSET | 730 | 750 | 4 | 102.73 |
| | | | 730 | 760 | 3 | 104.10 |
| | | | 730 | 770 | 1 | 105.47 |
| | | | | | 8 | 103.58 |
| | 7102 | K WHITE OFFSET | 730 | 720 | 1 | 98.63 |
| | | | 730 | 740 | 3 | 101.36 |
| | | | 730 | 750 | 10 | 102.73 |
| | | | 730 | 760 | 1 | 104.10 |
| | | | | | 15 | 102.27 |
| | 7104 | K WHITE OFFSET | 590 | 640 | 3 | 108.47 |
| | | | | | 3 | 108.47 |

PROGRAM: A4PS33C1 S C H A L L I E D P A P E R I N C. PAGE 9
RUN DATE: 10/01/80 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 9 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7121 | BW K OFFSET - ANTIQUE | 730 | 750 | 2 | 102.73 |
| | | | | | 2 | 102.73 |
| | 7122 | BW K OFFSET - ANTIQUE | 730 | 740 | 1 | 101.36 |
| | | | 730 | 750 | 3 | 102.73 |
| | | | | | 4 | 102.38 |
| | 7124 | BW K OFFSET - ANTIQUE | 590 | 650 | 1 | 110.16 |
| | | | | | 1 | 110.16 |
| | | | | | | 104.25 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 720 | 760 | 13 | 105.55 |
| | | | | | 13 | 105.55 |
| | 1510 | B.W. OFFSET MF STD | 670 | 720 | 5 | 107.46 |
| | | | | | 5 | 107.46 |
| | 1533 | B W 'J' OFFSET | 630 | 710 | 4 | 112.69 |
| | | | | | 4 | 112.69 |
| | 1703 | JKN OPACIFIED | 620 | 600 | 6 | 96.77 |
| | | | | | 6 | 96.77 |
| | 1800 | PRIDE OPAQUE | 720 | 760 | 3 | 105.55 |
| | | | | | 3 | 105.55 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 700 | 730 | 8 | 104.28 |
| | | | 700 | 760 | 1 | 108.57 |
| | | | | | 9 | 104.75 |
| | 2228 | CW IMPERIAL BIBLE | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 2240 | LAWYERS WHITE OFFSET | 720 | 760 | 6 | 105.55 |
| | | | | | 6 | 105.55 |
| | 2241 | LAWYERS OFFSET | 720 | 760 | 12 | 105.55 |
| | | | | | 12 | 105.55 |
| | 2504 | SOLITUDE OPAQUE | 720 | 740 | 3 | 102.77 |
| | | | 720 | 760 | 3 | 105.55 |
| | | | | | 6 | 104.16 |
| | 2513 | IBM SUPERIOR OFFSET | 700 | 760 | 15 | 108.57 |
| | | | | | 15 | 108.57 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 720 | 760 | 3 | 105.55 |
| | | | | | 3 | 105.55 |
| | 2960 | GPO LOT 16 OFFSET | 740 | 760 | 8 | 102.70 |
| | | | | | 8 | 102.70 |
| | 2961 | BW G OFFSET | 630 | 650 | 5 | 103.17 |
| | | | 630 | 700 | 8 | 111.11 |
| | | | 630 | 710 | 6 | 112.69 |
| | | | | | 19 | 109.51 |
| | 3500 | SCHOOL COTE | 700 | 760 | 5 | 108.57 |
| | | | | | 5 | 108.57 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 8 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3502 | SCHOOL COTE | 630 | 680 | 6 | 107.93 |
| | | | 630 | 690 | 5 | 109.52 |
| | | | 630 | 720 | 1 | 114.28 |
| | | | | | 12 | 109.12 |
| | 7100 | K WHITE OFFSET | 700 | 740 | 4 | 105.57 |
| | | | 700 | 780 | 2 | 111.42 |
| | | | | | 6 | 109.52 |
| | | | | | | 106.66 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2200 | IMPERIAL BIBLE | 610 | 650 | 15 | 106.55 |
| | | | | | 15 | 106.55 |
| | 2222 | BANK DIRECTORY | 650 | 700 | 7 | 107.69 |
| | | | | | 7 | 107.69 |
| | 2223 | NATO TEXT BIBLE 80 | 650 | 700 | 11 | 107.69 |
| | | | | | 11 | 107.69 |
| | 2426 | SHAKESPEARE THIN | 600 | 640 | 13 | 106.66 |
| | | | | | 13 | 106.66 |
| | 6700 | CRIMPING WRAP | 580 | 700 | 6 | 120.68 |
| | | | | | 6 | 120.68 |
| | 6717 | WHITE CRIMPING PAPER | 600 | 700 | 12 | 116.66 |
| | | | | | 12 | 116.66 |
| | | | | | | 110.11 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 6400 | CIGARETTE TIPPING - CORK | 570 | 500 | 3 | 87.71 |
| | | | 570 | 580 | 4 | 101.75 |
| | | | 570 | 600 | 24 | 105.26 |
| | | | 570 | 650 | 1 | 114.03 |
| | | | | | 32 | 103.45 |
| | 6700 | CRIMPING WRAP | 700 | 700 | 24 | 100.00 |
| | | | 700 | 720 | 1 | 102.85 |
| | | | | | 25 | 100.11 |
| | 6720 | PLUG WRAP | 640 | 620 | 5 | 96.87 |
| | | | 640 | 640 | 3 | 100.00 |
| | | | 640 | 700 | 4 | 109.37 |
| | | | | | 12 | 101.81 |
| | | | | | | 101.95 |

SH 953748

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 510 | | 30 | |
| | | | | | 30 | |
| | 533 | ELECTROSTATIC - AB DICK | 510 | | 2 | |
| | | | | | 2 | |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1250 | | 9 | |
| | | | | | 9 | |
| | 872 | MASTERBASE TYPE IV CLT | 1100 | | 3 | |
| | | | | | 3 | |
| | 876 | MASTERBASE TYPE IV DT | 370 | | 21 | |
| | | | | | 21 | |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 10/01/80
7B00I  OPTION ROUTE=LST                                                  0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1        0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7B00I  INPFIL BLKSIZE=4080                                               0013
7B00I  OUTFIL BLKSIZE=4080                                               0014
7B00I  END                                                               0015

7J03I SORT  COMPLETE, IN 861, OUT 861.
```

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/01/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 116 | 114 | 5 | 98.27 |
| | | | | | 5 | 98.27 |
| | 1800 | PRIDE OPAQUE | 110 | 116 | 3 | 105.45 |
| | | | | | 3 | 105.45 |
| | 2000 | BRITE LITE THIN | 110 | 110 | 5 | 100.00 |
| | | | | | 5 | 100.00 |
| | 2001 | BRITE LITE THIN | 110 | 111 | 3 | 100.90 |
| | | | | | 3 | 100.90 |
| | 2002 | BRITE LITE THIN | 110 | 110 | 2 | 100.00 |
| | | | 110 | 109 | 4 | 99.09 |
| | | | | | 6 | 99.39 |
| | 2007 | BRITE LITE PLUS | 110 | 105 | 3 | 95.45 |
| | | | 110 | 99 | 2 | 90.00 |
| | | | | | 5 | 93.27 |
| | 2009 | ROYAL LITE | 110 | 110 | 2 | 94.82 |
| | | | 110 | 109 | 21 | 93.96 |
| | | | | | 23 | 94.03 |
| | 2102 | BRITISH OPAQUE | 107 | 105 | 2 | 98.13 |
| | | | | | 2 | 98.13 |
| | 2200 | IMPERIAL BIBLE | 110 | 112 | 3 | 101.81 |
| | | | | | 3 | 101.81 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 96 | 111 | 7 | 115.62 |
| | | | | | 7 | 115.62 |
| | 2223 | NATO TEXT BIBLE 80 | 102 | 116 | 5 | 113.72 |
| | | | | | 5 | 113.72 |
| | 2231 | ALLIED SPECIAL BIBLE | 102 | 99 | 18 | 97.05 |
| | | | | | 18 | 97.05 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 102 | 114 | 6 | 111.76 |
| | | | 102 | 102 | 10 | 100.00 |
| | | | | | 16 | 104.41 |
| | 2405 | SHAKESPEARE THIN | 110 | 113 | 1 | 102.72 |
| | | | | | 1 | 102.72 |
| | 2420 | SPEC. SHAKESPEARE THIN | 110 | 110 | 2 | 100.00 |
| | | | | | 2 | 100.00 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2426 | SHAKESPEARE THIN | 102 | 98 | 6 | 96.07 |
| | | | | | 6 | 96.07 |
| | 2503 | SOLITUDE OPAQUE | 110 | 114 | 6 | 103.63 |
| | | | 110 | 105 | 1 | 95.45 |
| | | | 110 | 101 | 2 | 91.81 |
| | | | | | 9 | 100.09 |
| | 2504 | SOLITUDE OPAQUE | 110 | 107 | 2 | 97.27 |
| | | | | | 2 | 97.27 |
| | 2516 | CELLUPAQUE | 121 | 105 | 2 | 86.77 |
| | | | | | 2 | 86.77 |
| | | | | 106 | | 99.84 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 144 | 142 | 5 | 98.61 |
| | | | 144 | 139 | 4 | 96.52 |
| | | | 144 | 133 | 20 | 92.36 |
| | | | | | 29 | 94.01 |
| | 1000 | O.P. OFFSET | 140 | 125 | 2 | 89.28 |
| | | | | | 2 | 89.28 |
| | 1100 | E. B. NEW SHADE | 138 | 138 | 24 | 100.00 |
| | | | | | 24 | 100.00 |
| | 1503 | J OFFSET | 142 | 137 | 2 | 96.47 |
| | | | | | 2 | 96.47 |
| | 1510 | A.W. OFFSET MF STD | 142 | 148 | 1 | 104.22 |
| | | | | | 1 | 104.22 |
| | 1511 | JOY OF COOKING OFFSET | 142 | 136 | 6 | 95.77 |
| | | | | | 6 | 95.77 |
| | 1533 | A W 'J' OFFSET | 142 | 142 | 2 | 100.00 |
| | | | 142 | 141 | 2 | 99.29 |
| | | | 142 | 140 | 1 | 98.59 |
| | | | 142 | 136 | 4 | 95.77 |
| | | | 142 | 132 | 2 | 92.95 |
| | | | | | 11 | 96.92 |
| | 1549 | A W J OFFSET | 142 | 135 | 2 | 95.07 |
| | | | | | 2 | 95.07 |
| | 2513 | IBM SUPERIOR OFFSET | 140 | 142 | 7 | 101.42 |
| | | | 140 | 140 | 13 | 100.00 |
| | | | 140 | 132 | 3 | 94.28 |
| | | | | | 23 | 99.68 |
| | 3002 | SUPERIOR OFFSET | 142 | 137 | 8 | 96.47 |
| | | | | | 8 | 96.47 |
| | 3038 | HOME DICTIONARY PAPER | 148 | 140 | 13 | 94.59 |
| | | | | | 13 | 94.59 |
| | 3830 | WHITE BOOKLITE | 138 | 125 | 2 | 90.57 |
| | | | | | 2 | 90.57 |
| | 7100 | K WHITE OFFSET | 142 | 146 | 2 | 102.81 |
| | | | 142 | 138 | 1 | 97.18 |
| | | | | | 3 | 100.93 |
| | 7101 | K WHITE OFFSET | 142 | 140 | 2 | 98.59 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 2 | 98.59 |
| | 7102 | K WHITE OFFSET | 142 | 140 | 2 | 98.59 |
| | | | 142 | 125 | 1 | 88.02 |
| | | | | | 3 | 95.06 |
| | 7104 | K WHITE OFFSET | 142 | 140 | 3 | 98.59 |
| | | | | | 1 | 98.59 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 140 | 1 | 98.59 |
| | | | | | 1 | 98.59 |
| | 7124 | BW K OFFSET - ANTIQUE | 142 | 136 | 1 | 95.77 |
| | | | | | 1 | 95.77 |
| | | | | 138 | | 96.93 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 221 | CAMELIA MATTE RS | 126 | 122 | 2 | 96.82 |
| | | | | | 2 | 96.82 |
| | 1100 | E. B. NEW SHADE | 138 | 138 | 39 | 100.00 |
| | | | | | 39 | 100.00 |
| | 2000 | BRITE LITE THIN | 132 | 128 | 12 | 96.96 |
| | | | | | 12 | 96.96 |
| | 2001 | BRITE LITE THIN | 132 | 134 | 6 | 101.51 |
| | | | | | 6 | 101.51 |
| | 2009 | ROYAL LITE | 132 | 122 | 2 | 92.42 |
| | | | | | 2 | 92.42 |
| | 2104 | BRITISH OPAQUE | 134 | 124 | 5 | 92.53 |
| | | | | | 5 | 92.53 |
| | 2300 | MERRIAM DICTIONARY | 136 | 123 | 14 | 90.44 |
| | | | | | 14 | 90.44 |
| | 2430 | PUBLISHERS THIN | 132 | 127 | 1 | 96.21 |
| | | | | | 1 | 96.21 |
| | 2502 | SOLITUDE OPAQUE | 134 | 129 | 3 | 96.26 |
| | | | | | 3 | 96.26 |
| | 2903 | SOLITUDE OPAQUE | 134 | 131 | 4 | 97.76 |
| | | | | | 4 | 97.76 |
| | 2961 | RW G OFFSET | 136 | 132 | 8 | 97.05 |
| | | | | | 8 | 97.05 |
| | 3830 | WHITE BOOKLITE | 134 | 138 | 10 | 102.98 |
| | | | | | 10 | 102.98 |
| | 3839 | WHITE BOOK LITE | 136 | 121 | 2 | 88.97 |
| | | | | | 2 | 88.97 |
| | | | | 133 | | 97.59 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 272 | TYPE IV BASE STOCK LIQ. TONER | 124 | 115 | 4 | 92.74 |
| | | | | | 4 | 92.74 |
| | 276 | TYPE IV BLADE BASE | 124 | 119 | 2 | 95.96 |
| | | | 124 | 109 | 12 | 87.90 |
| | | | | | 14 | 89.05 |
| | 1000 | Q.P. OFFSET | 114 | 114 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 1202 | SPECIAL AM PRIDE | 116 | 118 | 3 | 101.72 |
| | | | | | 3 | 101.72 |
| | 1533 | B W 'J' OFFSET | 106 | 116 | 3 | 109.43 |
| | | | 106 | 115 | 2 | 108.49 |
| | | | 106 | 111 | 2 | 104.71 |
| | | | 106 | 107 | 1 | 100.94 |
| | | | 106 | 105 | 1 | 99.05 |
| | | | 106 | 102 | 5 | 96.22 |
| | | | 106 | 100 | 2 | 94.33 |
| | | | | | 16 | 101.46 |
| | 1549 | B W J OFFSET | 105 | 100 | 1 | 95.23 |
| | | | | | 1 | 95.23 |
| | 1583 | J OFFSET ANTIQUE | 106 | 108 | 1 | 101.88 |
| | | | | | 1 | 101.88 |
| | 1805 | ALLIED PRIDE | 105 | 105 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 1810 | BW PRIDE OPAQUE | 110 | 116 | 3 | 105.45 |
| | | | 110 | 114 | 1 | 103.63 |
| | | | | | 4 | 104.99 |
| | 2204 | IMPERIAL BIBLE | 110 | 117 | 1 | 106.36 |
| | | | | | 1 | 106.36 |
| | 2406 | SHAKESPEARE THIN | 110 | 113 | 10 | 102.72 |
| | | | | | 10 | 102.72 |
| | 2503 | SOLITUDE OPAQUE | 110 | 101 | 1 | 91.81 |
| | | | | | 1 | 91.81 |
| | 2504 | SOLITUDE OPAQUE | 110 | 117 | 3 | 106.36 |
| | | | | | 3 | 106.36 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 105 | 14 | 95.45 |
| | | | | | 14 | 95.45 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 105 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2550 | IBM SUPERIOR VEL. | 110 | 105 | 2 | 95.45 |
| | | | | | 2 | 95.45 |
| | 2951 | BW G OFFSET | 110 | 116 | 3 | 105.45 |
| | | | 110 | 105 | 6 | 95.45 |
| | | | 110 | 99 | 2 | 90.00 |
| | | | | | 11 | 97.18 |
| | 2962 | OPO LOT 21 | 110 | 105 | 9 | 95.45 |
| | | | 110 | 99 | 4 | 90.00 |
| | | | | | 13 | 93.77 |
| | 3000 | SUPERIOR OFFSET | 110 | 100 | 1 | 90.90 |
| | | | | | 1 | 90.90 |
| | 3001 | SUPERIOR OFFSET | 110 | 102 | 3 | 92.72 |
| | | | | | 3 | 92.72 |
| | 3002 | SUPERIOR OFFSET | 110 | 118 | 1 | 107.27 |
| | | | | | 1 | 107.27 |
| | 3004 | SUPERIOR OFFSET | 110 | 100 | 2 | 90.90 |
| | | | | | 2 | 90.90 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 121 | 2 | 100.83 |
| | | | 120 | 116 | 1 | 96.66 |
| | | | 120 | 114 | 1 | 95.00 |
| | | | 120 | 113 | 2 | 94.16 |
| | | | 120 | 110 | 2 | 91.66 |
| | | | | | 8 | 95.62 |
| | 6100 | WHITE CAP GUN STOCK | 108 | 113 | 2 | 104.62 |
| | | | | | 2 | 104.62 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 3 | 103.63 |
| | | | | | 3 | 103.63 |
| | 7100 | K WHITE OFFSET | 110 | 105 | 3 | 95.45 |
| | | | | | 3 | 95.45 |
| | 7101 | K WHITE OFFSET | 118 | 118 | 1 | 107.27 |
| | | | 110 | 108 | 3 | 98.18 |
| | | | 110 | 107 | 1 | 97.27 |
| | | | 110 | 105 | 1 | 95.45 |
| | | | 110 | 96 | 2 | 87.27 |

85758

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 8
RUN DATE: 10/01/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 8 | 96.13 |
| | 7102 | K WHITE OFFSET | 110 | 122 | 1 | 110.90 |
| | | | 110 | 118 | 1 | 107.27 |
| | | | 110 | 112 | 3 | 101.81 |
| | | | 110 | 108 | 2 | 98.18 |
| | | | 110 | 105 | 3 | 95.45 |
| | | | 110 | 104 | 1 | 94.54 |
| | | | 110 | 100 | 3 | 90.90 |
| | | | 110 | 98 | 1 | 89.09 |
| | | | | | 15 | 97.50 |
| | 7104 | K WHITE OFFSET | 110 | 105 | 3 | 95.45 |
| | | | | | 3 | 95.45 |
| | 7121 | BW K OFFSET - ANTIQUE | 110 | 110 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 7122 | BW K OFFSET - ANTIQUE | 110 | 112 | 3 | 101.81 |
| | | | 110 | 106 | 1 | 96.36 |
| | | | | | 4 | 100.44 |
| | 7124 | BW K OFFSET - ANTIQUE | 110 | 102 | 1 | 92.72 |
| | | | | | 1 | 92.72 |
| | | | | 109 | | 97.33 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 117 | 3 | 112.50 |
| | | | 104 | 111 | 1 | 106.73 |
| | | | 104 | 110 | 1 | 105.76 |
| | | | 104 | 109 | 3 | 100.96 |
| | | | 104 | 99 | 2 | 95.19 |
| | | | 104 | 96 | 3 | 92.30 |
| | | | | | 13 | 101.55 |
| | 1510 | H.W. OFFSET MF STD | 106 | 107 | 5 | 100.94 |
| | | | | | 5 | 100.94 |
| | 1533 | B W 'J' OFFSET | 106 | 105 | 4 | 99.05 |
| | | | | | 4 | 99.05 |
| | 1703 | JKN OPACIFIED | 148 | 105 | 2 | 70.94 |
| | | | 148 | 99 | 4 | 66.89 |
| | | | | | 6 | 68.24 |
| | 1800 | PRIDE OPAQUE | 110 | 110 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 96 | 96 | 9 | 100.00 |
| | | | | | 9 | 100.00 |
| | 2228 | CW IMPERIAL BIBLE | 112 | 112 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 116 | 6 | 105.45 |
| | | | | | 6 | 105.45 |
| | 2241 | LAWYERS OFFSET | 110 | 108 | 12 | 98.18 |
| | | | | | 12 | 98.18 |
| | 2504 | SOLITUDE OPAQUE | 110 | 117 | 3 | 106.36 |
| | | | 110 | 98 | 3 | 89.09 |
| | | | | | 6 | 97.72 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 116 | 1 | 105.45 |
| | | | 110 | 108 | 1 | 98.18 |
| | | | 110 | 107 | 5 | 97.27 |
| | | | 110 | 106 | 1 | 96.36 |
| | | | 110 | 105 | 7 | 95.45 |
| | | | | | 15 | 96.96 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 109 | 109 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 2960 | GPO LOT 16 OFFSET | 142 | 99 | 8 | 69.71 |
| | | | | | 8 | 69.71 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 2961 | BW B OFFSET | 110 | 121 | 4 | 110.00 |
| | | | 110 | 105 | 13 | 95.45 |
| | | | 110 | 99 | 2 | 90.00 |
| | | | | | 19 | 97.93 |
| | 3500 | SCHOOL COTE | 105 | 104 | 9 | 99.04 |
| | | | | | 5 | 99.04 |
| | 3502 | SCHOOL COTE | 105 | 118 | 2 | 112.38 |
| | | | 105 | 101 | 7 | 96.19 |
| | | | 105 | 99 | 2 | 94.28 |
| | | | 105 | 98 | 1 | 93.33 |
| | | | | | 12 | 98.33 |
| | 7100 | K WHITE OFFSET | 110 | 92 | 6 | 83.63 |
| | | | | | 6 | 83.63 |
| | | | | 105 | | 95.35 |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 11
RUN DATE: 10/01/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2200 | IMPERIAL BIBLE | 100 | 96 | 13 | 96.00 |
| | | | 100 | 94 | 1 | 94.00 |
| | | | 100 | 90 | 1 | 90.00 |
| | | | | | 15 | 95.46 |
| | 2222 | BANK DIRECTORY | 105 | 107 | 7 | 101.90 |
| | | | | | 7 | 101.90 |
| | 2223 | NATO TEXT BIBLE 80 | 106 | 108 | 11 | 101.88 |
| | | | | | 11 | 101.88 |
| | 2426 | SHAKESPEARE THIN | 105 | 98 | 13 | 93.33 |
| | | | | | 13 | 93.33 |
| | 6700 | CRIMPING WRAP | 100 | 100 | 6 | 100.00 |
| | | | | | 6 | 100.00 |
| | 6717 | WHITE CRIMPING PAPER | 100 | 110 | 1 | 110.00 |
| | | | 100 | 100 | 11 | 100.00 |
| | | | | | 12 | 100.83 |
| | | | | 101 | | 98.26 |

SA 853762

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 6400 | CIGARETTE TIPPING - CORK | 100 | 100 | 25 | 100.00 |
| | | | 100 | 99 | 7 | 99.00 |
| | | | | | 32 | 99.78 |
| | 6700 | CRIMPING WRAP | 100 | 100 | 25 | 100.00 |
| | | | | | 25 | 100.00 |
| | 6720 | PLUG WRAP | 100 | 100 | 12 | 100.00 |
| | | | | | 12 | 100.00 |
| | | | | 100 | | 99.89 |

85263

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 72 | 73 | 3 | 101.38 |
| | | | 72 | 70 | 12 | 97.22 |
| | | | 72 | 67 | 15 | 93.05 |
| | | | | | 30 | 95.55 |
| | 533 | ELECTROSTATIC - AB DICK | 72 | 70 | 2 | 97.22 |
| | | | | | 2 | 97.22 |
| | | | | 69 | | 95.65 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 111 | 1 | 108.82 |
| | | | 102 | 108 | 3 | 105.88 |
| | | | 102 | 107 | 1 | 104.90 |
| | | | 102 | 97 | 2 | 95.09 |
| | | | 102 | 93 | 2 | 91.17 |
| | | | | | 9 | 100.43 |
| | 872 | MASTERBASE TYPE IV CLT | 102 | 115 | 2 | 112.74 |
| | | | 102 | 112 | 1 | 109.80 |
| | | | | | 3 | 111.76 |
| | 876 | MASTERBASE TYPE IV BT | 102 | 118 | 1 | 115.68 |
| | | | 102 | 116 | 3 | 113.72 |
| | | | 102 | 108 | 17 | 105.92 |
| | | | | | 21 | 105.88 |
| | | | | 106 | | 104.92 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 10/01/80
7B00I  OPTION ROUTE=LST                                              0013
7B00I  SORT FIELDS=(15,2,A,19,4,A),FORMAT=BI,WORK=1,FILES=2          0014
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                 0015
7B00I  INPFIL BLKSIZE=4080                                           0016
7B00I  OUTFIL BLKSIZE=4080                                           0017
7B00I  END                                                           0018

7J03I SORT  COMPLETE, IN 2337, OUT 2337½.
```

| | | | |
|---|---|---|---|
| 1 | 1904 | 79720 | |
| 2 | 2200 | 60120 | [illegible] |
| 3 | 2505 | 46070 | 420 |
| 4 | 2905 | 51760 | 215 |
| 5 | 2900 | 21160 | |
| 6 | 3400 | 85[illegible] | |
| 7 | 3410 | 10920 | |
| 8 | [illegible] | [illegible]440 | 87850 |
| 9 | 0203 | | 1660[illegible] |
| 10 | 0216 | | [illegible] |
| 11 | 0246 | | 2103[illegible] |
| 12 | 0261 | | [illegible] |
| 13 | 1800 | | [illegible] 736 |
| 14 | 1805 | | [illegible] |
| 15 | 2104 | | 51[illegible] |
| 16 | 2000 | | 46[illegible] |
| 17 | 3500 | | [illegible] |
| 18 | 3502 | | [illegible]540 |
| 19 | | | [illegible]136[illegible] |
| 20 | 2000 | | |
| 21 | 2003 | | |
| 22 | [illegible] | | |
| 23 | 2011 | | |
| 24 | [illegible] | | |
| 25 | [illegible] | | |
| 26 | 2001 | | |
| 27 | 2004 | | |
| 28 | 2210 | | |
| 29 | 6717 | | |
| 30 | 6720 | | |
| 31 | 6722 | | |
| 32 | | | |
| 33 | | | |
| 34 | | | |
| 35 | | | |
| 36 | | | |
| 37 | | | |
| 38 | | | |
| 39 | | | |
| 40 | | | 1490 |
| | | | 775[illegible] |

© WILSON JONES COMPANY G7214 GREEN 7214 BUFF PAT APPL FOR

| | | | | | | |
|---|---|---|---|---|---|---|
| | [illegible] | 16 | | | | |
| [illegible] | [illegible] | 16 | | | | |
| | [illegible] | 16 | | | | |
| | 51700 | 16 | | | | |
| | [illegible] | 16 | | | | |
| | 95520 | 23 | | | | |
| | 15020 | 27 | | | | |
| 27860 | [illegible] | 16 | | | | |
| [illegible] | [illegible] | 16 | | | | |
| [illegible] | [illegible] | 16 | | | | |
| [illegible] | [illegible] | 16 | | | | |
| [illegible] | 44340 | 16 | | | | |
| 27100 | 186 00 [illegible] 100 | 16 | | | | |
| 32110 | 32110 | 16 | | -5515 | 45515 | 16 |
| 31800 | 31800 | 16 | | | | |
| 46680 | 43680 | 16 | | | | |
| [illegible] | [illegible] | 19 | | | | |
| [illegible]340 | 330240 | 19 | | | | |
| 13800 | | | | | | |
| | | | 40450 | | 40450 | 15 |
| | | | 8650 | | 18650 | 6 |
| | | | [illegible]350 | | 58350 | 16 |
| | 8531930 - 16 00 | | 21140 | | 21140 | 16 |
| | | | 160620 | | 160620 | 16 |
| | 11919820 ✓ | 1498 00 ✓ | 121501 | | 121501 | 16 |
| | | | | 47835 | 47835 | 15 |
| | | | | 231950 | 231950 | 16 |
| | | | | 61145 | 61145 | 15 |
| | | | | 186105 | 186105 | 15 |
| | | | | 121700 | 121700 | 15 |
| | | | | 73200 | 73200 | 15 |
| | | | [illegible]52.5 | 728[illegible] | 1623005 | 5.7[illegible] |
| 1499 | | | | | | |
| 756720 | | | | | | |

577 MADE IN U.S.A.

SB 053768

AUGUST, 1980

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | 1980 |
| 11 | | | | | | |
| 12 | | | | | 313200 | |
| 13 | | | | | | |
| 14 | | | | | 51250 | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | 18080 | |
| 19 | | | | | | |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | | | | | | |
| 23 | | | | | | |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | | | | | | |
| 27 | | | | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| 32 | | | | | | |
| 33 | | | | | | |
| 34 | | | | | | |
| 35 | | | | | | |
| 36 | | | | | | |
| 37 | | | | | | |
| 38 | | | | | | |
| 39 | | | | | | |
| 40 | | | 1467 | | 107780 | |

4163100

C W SON JONES COMPA G7214 GREEN 72 4 B FF PAT APPL FOR

| | | |
|---|---|---|
| | [illegible] | 15 |
| | [illegible] | 16 |
| | [illegible]840 | 16 |
| | [illegible] | [illegible] |
| | [illegible] | 16 |
| | 526050 | 10 |
| | [illegible]00 | 16 |
| | [illegible]400 | 6 |
| | [illegible] | 16 |
| [illegible] | [illegible] | 16 |
| | [illegible] | [illegible] |
| | [illegible] | 14 |
| | [illegible]450 | [illegible] |
| | [illegible] | 15 |
| | [illegible] | 16 |
| | 141060 | 16 |
| | 241100 | 16 |
| | [illegible] | 16 |
| | [illegible] | 16 |
| | [illegible] | 16 |
| | [illegible] | 10 |
| | 46800 | 4 |
| | [illegible] | 16 |
| | 33140 | 16 |
| | 450280 | 16 |
| | 175030 | 15 |
| 766110 | 890740 | 16 |
| | 34400 | 16 |
| | 49880 | 15 |
| | 470250 | 16 |
| | 158470 | 16 |
| | [illegible] | 15 |
| | 165720 | 16 |
| | 410890 | 16 |
| | [illegible]120 | 16 |
| | 66070 | 06 |
| | 831130 | 08 |
| 6800 | 92680 | 16 |
| | [illegible] | 16 |
| | 107780 | 16 |

577

SA 053770

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

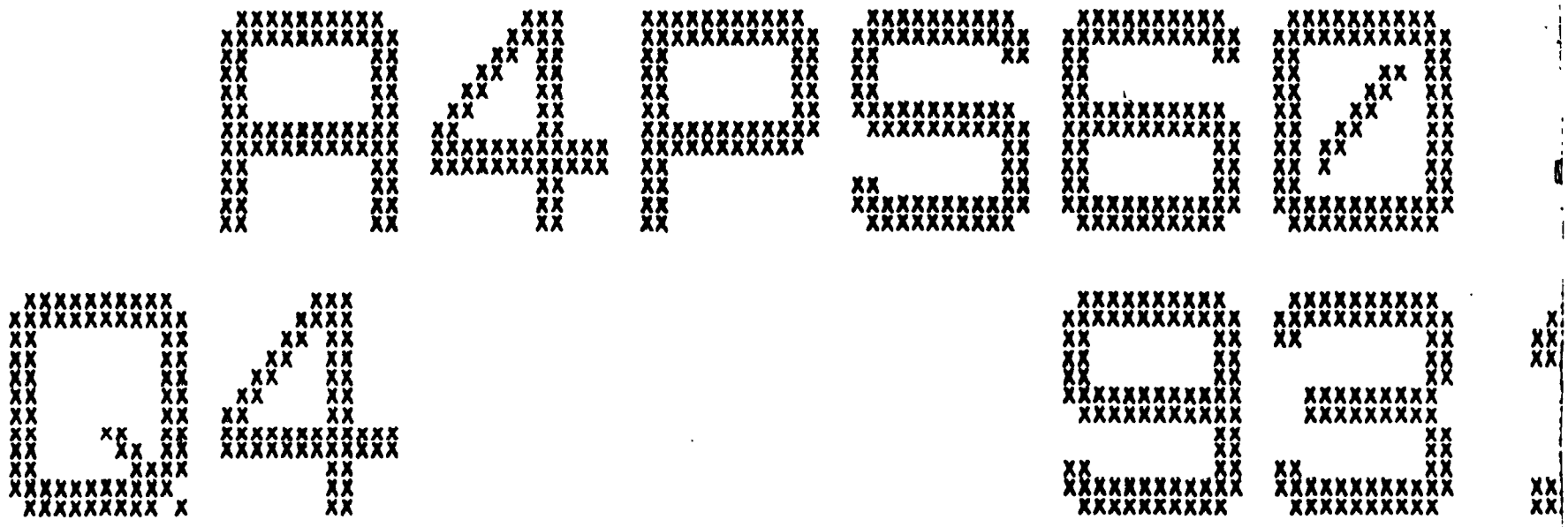
| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 22.00 | 2213 | ANDERPAQUE BIBLE | 7.2 | 5.1 | 77.27 | 10771 | 5270 | | 5270 | 48.92 |
| 5 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 519.1 | 453.3 | 95.26 | 967492 | 887330 | 13840 | 873490 | 90.28 |
| 5 | 22.00 | 2233 | IMPERIAL BIBLE EXTRA | | | | | | 6610 | 6610 | |
| 5 | 30.00 | 2405 | SHAKESPEARE THIN | 6.5 | 5.7 | 95.66 | 16360 | 20840 | | 20840 | 127.38 |
| 5 | 35.00 | 2504 | SOLITUDE OPAQUE | | | | | | | | |
| 5 | 28.00 | 2528 | A H DICTIONARY | 96.0 | 91.1 | 103.52 | 260142 | 232250 | 16160 | 216090 | 83.06 |
| 5 | 38.00 | 3038 | HOME DICTIONARY PAPE | 35.2 | 32.4 | 100.41 | 108864 | 105180 | | 105180 | 96.61 |
| | 23.88 | | MACH TOTAL 1.09091 | 664.0 | 587.8 | 96.54 | 1363629 | 1250870 | 36610 | 1214260 | 89.04 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 105.7 | 96.2 | 99.29 | 504962 | 526050 | 28970 | 497080 | 98.43 |
| 6 | 45.00 | 1080 | O.P. OFFSET | 15.1 | 13.7 | 98.98 | 89958 | 92760 | | 92760 | 103.11 |
| 6 | 38.00 | 1500 | SPEC. JACKSON OFFSET | | | | | | 1100 | 1100 | |
| 6 | 45.00 | 1511 | JOY OF COOKING OFFSE | 27.5 | 25.6 | 101.55 | 158759 | 168400 | | 168400 | 106.07 |
| 6 | 30.00 | 1800 | PRIDE OPAQUE | 16.3 | 11.8 | 76.97 | 51927 | 49380 | 2800 | 46580 | 89.70 |
| 6 | 30.00 | 2503 | SOLITUDE OPAQUE | 4.2 | 3.5 | 90.91 | 15582 | 13460 | 2850 | 10610 | 68.09 |
| 6 | 35.00 | 2504 | SOLITUDE OPAQUE | 20.4 | 18.8 | 100.53 | 98773 | 100420 | 3240 | 97180 | 98.38 |
| 6 | 40.00 | 2505 | SOLITUDE OPAQUE | | | | | | | | |
| 6 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 89.6 | 81.2 | 98.86 | 476397 | 469870 | | 469870 | 98.62 |
| 6 | 35.00 | 2514 | INTERNATIONAL HARVES | 7.8 | 7.8 | 109.09 | 39826 | 42800 | | 42800 | 107.46 |
| 6 | 30.00 | 2516 | CELLUPAQUE | 36.6 | 31.1 | 92.70 | 139445 | 98310 | 1000 | 97310 | 69.78 |
| 6 | 45.00 | 3001 | SUPERIOR OFFSET | 12.6 | 12.3 | 106.49 | 79644 | 53720 | 1100 | 52620 | 66.06 |
| 6 | 50.00 | 3002 | SUPERIOR OFFSET | 17.0 | 17.0 | 109.09 | 115051 | 111540 | | 111540 | 96.94 |
| 6 | 38.00 | 3038 | HOME DICTIONARY PAPE | 167.2 | 146.8 | 95.78 | 826183 | 676030 | 11450 | 664580 | 80.43 |
| 6 | 30.00 | 3830 | WHITE BOOKLITE | 50.1 | 45.6 | 99.29 | 191987 | 188740 | 17180 | 171560 | 89.36 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 34.6 | 30.0 | 94.59 | 177940 | 190380 | 8850 | 181530 | 102.01 |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 6.1 | 5.7 | 101.94 | 36388 | 43320 | | 43320 | 119.05 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | | | | | | 2480 | 2480 | |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 6.6 | 6.6 | 109.09 | 46688 | 40750 | 2770 | 37980 | 81.34 |
| 6 | 60.00 | 7124 | BW K OFFSET - ANTIQU | 10.9 | 8.5 | 85.07 | 61464 | 46300 | | 46300 | 75.32 |
| | 42.39 | | MACH TOTAL 1.09091 | 628.3 | 561.9 | 97.56 | 3110974 | 2912230 | 83790 | 2828440 | 90.91 |
| 7 | 30.00 | 201 | LAUREL TEXT R.S. | 5.3 | 5.3 | 109.09 | 20730 | 19670 | | 19670 | 94.88 |
| 7 | 30.00 | 222 | CAMELIA MATTE RS | 15.5 | 10.5 | 73.90 | 40734 | 33140 | | 33140 | 81.35 |
| 7 | 38.00 | 1100 | E. B. NEW SHADE | 122.4 | 112.8 | 99.82 | 491496 | 459280 | | 459280 | 93.44 |
| 7 | 33.00 | 1202 | SPECIAL AM PRIDE | 41.0 | 39.8 | 105.37 | 162611 | 175030 | | 175030 | 107.63 |
| 7 | 40.00 | 1503 | J OFFSET | 6.3 | 6.0 | 103.90 | 30872 | 33080 | | 33080 | 107.15 |
| 7 | 20.00 | 2007 | BRITE LITE PLUS | 18.3 | 15.8 | 89.42 | 33556 | 34100 | 35890 | 1790 | 5.33- |
| 7 | 20.00 | 2222 | EXTRA WA IMPERIAL BI | 32.3 | 28.3 | 95.58 | 68455 | 49880 | 1200 | 48680 | 71.11 |
| 7 | 35.00 | 2251 | ALLIED SPECIAL BIBLE | 106.9 | 100.9 | 102.97 | 457921 | 472250 | 5070 | 467180 | 102.02 |
| 7 | 22.00 | 2233 | IMPERIAL BIBLE EXTRA | 68.5 | 67.1 | 106.86 | 159103 | 158470 | | 158470 | 99.60 |
| 7 | 30.00 | 2430 | PUBLISHERS THIN | 32.8 | 26.2 | 87.14 | 105809 | 98720 | 1170 | 97550 | 92.19 |
| 7 | 50.00 | 2961 | BW G OFFSET | 28.3 | 26.4 | 101.77 | 143793 | 165720 | | 165720 | 115.24 |
| 7 | 38.00 | 3040 | SPECIAL SUPERIOR BOO | 85.0 | 81.0 | 103.96 | 402014 | 410890 | 5400 | 405490 | 100.86 |
| 7 | 30.00 | 3830 | WHITE BOOKLITE | 51.2 | 49.1 | 104.62 | 196731 | 213560 | 6000 | 207560 | 105.50 |
| 7 | 45.00 | 7101 | K WHITE OFFSET | 3.8 | 3.5 | 100.48 | 17360 | 22600 | | 22600 | 130.18 |
| 7 | 50.00 | 7102 | K WHITE OFFSET | 14.4 | 13.4 | 101.52 | 66698 | 74290 | | 74290 | 111.38 |
| | 33.94 | | MACH TOTAL 1.09091 | 632.0 | 584.3 | 100.86 | 2397883 | 2420680 | 54730 | 2365950 | 98.66 |

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 65.00 | 272 | TYPE IV BASE STOCK M | 21.3 | 18.8 | 92.19 | 78395 | 66090 | | 66090 | 84.30 |
| 8 | 60.00 | 276 | TYPE IV BLADE BASE | 190.6 | 174.5 | 99.88 | 830071 | 831130 | | 831130 | 100.12 |
| 8 | 35.00 | 1205 | A. M. PRIDE | | | | | | | | |
| 8 | 40.00 | 1503 | J OFFSET | 25.9 | 20.7 | 87.19 | 96379 | 100550 | 4250 | 96300 | 99.91 |
| 8 | 50.00 | 1532 | B W "J" OFFSET | 21.3 | 18.1 | 92.70 | 99764 | 98680 | | 98680 | 98.91 |
| 8 | 60.00 | 1580 | BW JACKSON OFFSET | 5.7 | 5.7 | 109.09 | 30245 | 23210 | 1620 | 21590 | 71.38 |
| 8 | 30.00 | 1800 | PRIDE OPAQUE | | | | | | 20120 | 20120 | |
| 8 | 50.00 | 1902 | TENNYSON OFFSET | 20.7 | 19.0 | 100.13 | 102542 | 107780 | | 107780 | 105.10 |
| 8 | 60.00 | 1904 | TENNYSON OFFSET | 13.6 | 12.3 | 98.66 | 70725 | 79720 | | 79720 | 112.71 |
| 8 | 30.00 | 2202 | IMPERIAL BIBLE | 8.2 | 5.8 | 87.98 | 17248 | 20120 | | 20120 | 116.65 |
| 8 | 35.00 | 2300 | MERRIAM DICTIONARY | | | | | | 7410 | 7410 | |
| 8 | 35.00 | 2407 | SHAKESPEARE THIN | | | | | | | | |
| 8 | 40.00 | 2505 | SOLITUDE OPAQUE | 9.0 | 8.4 | 101.82 | 39218 | 42670 | | 42670 | 108.80 |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 87.5 | 76.7 | 96.63 | 326967 | 313200 | 1250 | 311950 | 95.40 |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 9.7 | 9.5 | 106.84 | 35910 | 41630 | | 41630 | 115.92 |
| 8 | 30.00 | 2516 | CELLUPAQUE | 16.4 | 13.8 | 91.80 | 46008 | 51250 | | 51250 | 111.39 |
| 8 | 50.00 | 2902 | DICKENS OFFSET | 9.1 | 8.5 | 97.18 | 46629 | 51760 | | 51760 | 111.00 |
| 8 | 35.00 | 2990 | HEAT SET WEB OFFSET | 6.1 | 4.7 | 84.05 | 19288 | 21160 | | 21160 | 109.70 |
| 8 | 50.00 | 3002 | SUPERIOR OFFSET | 6.8 | 5.9 | 94.65 | 35784 | 29520 | | 29520 | 82.49 |
| 8 | 60.00 | 3003 | SUPERIOR OFFSET | 40.6 | 39.5 | 106.14 | 215003 | 241190 | | 241190 | 112.17 |
| 8 | 60.00 | 3004 | SUPERIOR OFFSET - HI | 18.1 | 16.7 | 99.55 | 84064 | 85620 | | 85620 | 101.85 |
| 8 | 40.00 | 3101 | BND LEAF | 2.1 | 2.1 | 94.01 | 11499 | 10920 | | 10920 | 94.96 |
| 8 | 35.00 | 3102 | BND LEAF | 1.8 | 1.8 | 87.24 | 10058 | 10080 | | 10080 | 92.22 |
| 8 | 35.00 | 3103 | BRITE BOOKLITE | 14.2 | 13.8 | 93.28 | 324699 | 283110 | 14850 | 278260 | 85.69 |
| 8 | 40.00 | 7101 | K WHITE OFFSET | 14.5 | 6.7 | 103.01 | 159847 | 154830 | | 154830 | 96.86 |
| 8 | 30.00 | 7102 | K WHITE OFFSET | 10.5 | 8.8 | 96.85 | 45675 | 40220 | 1500 | 38720 | 84.77 |
| 8 | 40.00 | 7104 | K WHITE OFFSET | 9.8 | 8.3 | | | | | | |
| 8 | 48.00 | 7121 | BW K OFFSET - ANTIOV | | | | | | | | |
| | 52.31 | | MACH TOTAL 1.09091 | 642.5 | 568.8 | 96.58 | 2745018 | 2722440 | 51000 | 2671440 | 97.31 |
| 9 | 33.00 | 202 | LAUREL TEXT - RS | 22.6 | 20.8 | 100.40 | 76099 | 87860 | | 87860 | 115.45 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 37.0 | 34.6 | 102.01 | 143618 | 166090 | | 166090 | 115.64 |
| 9 | 35.00 | 212 | LAUREL TEXT R.S. | 79.7 | 69.8 | 94.45 | 244582 | 260890 | | 260890 | 106.66 |
| 9 | 50.00 | 246 | RAM KOTE R.S. | 100.6 | 93.6 | 100.85 | 281932 | 310380 | | 310380 | 110.09 |
| 9 | 50.00 | 2601 | HM WEB BASE STOCK R/ | 33.2 | 11.9 | 98.35 | 42686 | 44340 | | 44340 | 103.87 |
| 9 | 40.00 | 1503 | J OFFSET | 157.7 | 154.4 | 106.81 | 669165 | 766110 | | 766110 | 114.48 |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 55.0 | 51.9 | 102.94 | 173551 | 207100 | 2420 | 204680 | 117.93 |
| 9 | 35.00 | 1805 | ALLIED PRIDE | 9.5 | 9.0 | 103.35 | 33641 | 38110 | | 38110 | 113.28 |
| 9 | 35.00 | 2106 | BRITISH OPAQUE | 15.0 | 13.8 | 100.36 | 55566 | 61890 | 2690 | 59200 | 106.53 |
| 9 | 30.00 | 2202 | IMPERIAL BIBLE | 11.7 | 11.0 | 102.56 | 37452 | 44020 | | 44020 | 117.53 |
| 9 | 30.00 | 2300 | MERRIAM DICTIONARY | 13.7 | 13.2 | 105.11 | 44541 | 46680 | | 46680 | 104.80 |
| 9 | 30.00 | 2503 | SOLITUDE OPAQUE | 7.1 | 6.5 | 99.87 | 20200 | 19880 | | 19880 | 98.41 |
| 9 | 40.00 | 3500 | SCHOOL COTE | 56.0 | 50.7 | 98.77 | 207744 | 230910 | 2920 | 227990 | 109.74 |
| 9 | 50.00 | 3502 | SCHOOL COTE | 74.2 | 63.7 | 93.65 | 313196 | 329340 | 4020 | 325320 | 103.87 |
| | 37.22 | | MACH TOTAL 1.09091 | 653.0 | 603.6 | 100.82 | 2343973 | 2613600 | 12050 | 2601550 | 110.98 |
| | | | MILL TOTAL | 3219.0 | 2906.1 | 98.46 | 11961477 | 11919820 | 238180 | 11681640 | 97.66 |
| 10 | 20.00 | 2000 | BRITE LITE THIN | 20.7 | 19.1 | 103.00 | 36833 | 40450 | 2700 | 37750 | 102.48 |
| 10 | 25.00 | 2003 | BRITE LITE THIN | 16.3 | 14.7 | 100.67 | 31752 | 18650 | 1350 | 17300 | 54.48 |

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 28.00 | 2005 | BRITE LITE THIN | 10.7 | 10:4 | 108.50 | 25770 | 28350 | 1340 | 27010 | 104.81 |
| 10 | 20.00 | 2011 | ZONDERLITE 84 | 18.5 | 13:3 | 80.25 | 22024 | 21140 | | 21140 | 95.98 |
| 10 | 25.00 | 2100 | BRITE LITE THIN | 75.5 | 70:3 | 103.94 | 157918 | 169630 | 1300 | 168330 | 106.59 |
| 10 | 20.00 | 2220 | NELTEXT BIBLE | | | | | | | | |
| 10 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 317.2 | 272:9 | 96.04 | 561871 | 604995 | 9800 | 595195 | 105.93 |
| 10 | 26.00 | 2420 | SHAKESPEARE THIN | 6.1 | 5:4 | 98.82 | 12235 | 12150 | | 12150 | 99.30 |
| | 22.06 | | MACH TOTAL 1.21628 | 465.0 | 406:1 | 97.49 | 848403 | 895365 | 16490 | 878875 | 103.59 |
| 11 | 35.00 | 1805 | ALLIED PRIDE | 18.5 | 17:1 | 103.18 | 40464 | 45515 | 1380 | 44135 | 109.07 |
| 11 | 22.00 | 2002 | BRITE LITE THIN | 20.4 | 17:6 | 96.31 | 33114 | 27835 | | 27835 | 84.05 |
| 11 | 24.00 | 2208 | NELTEXT BIBLE | 137.6 | 122:8 | 98.97 | 245946 | 231950 | 8780 | 223170 | 90.73 |
| 11 | 24.00 | 2210 | IMPERIAL BIBLE ER NA | 30.0 | 29:2 | 108.65 | 58867 | 61145 | | 61145 | 103.86 |
| 11 | 30.00 | 2503 | SOLITUDE OPAQUE | | | | | | | | |
| 11 | 21.50 | 6400 | CIGARETTE TIPPING - | | | | | | | | |
| 11 | 17.00 | 6717 | WHITE CRIMPING PAPER | 136.5 | 117:8 | 96.34 | 197557 | 186105 | | 186105 | 94.20 |
| 11 | 18.00 | 6720 | PLUG WRAP | 69.4 | 65:5 | 105.35 | 106615 | 101700 | 5880 | 95820 | 89.87 |
| 11 | 23.00 | 6723 | COMBINER WRAP (ATC) | 54.1 | 46:7 | 96.36 | 90598 | 73990 | | 73990 | 81.66 |
| | 21.90 | | MACH TOTAL 1.21628 | 466.5 | 415:9 | 99.52 | 773161 | 728240 | 16040 | 712200 | 92.11 |
| | | | MILL TOTAL | 931.5 | 822:0 | 98.51 | 1621564 | 1623605 | 32530 | 1591075 | 98.11 |
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 170.0 | 155:9 | 101.19 | 571291 | 623000 | 10080 | 612920 | 107.28 |
| | 78.00 | | MACH TOTAL 1.10345 | 170.0 | 155:9 | 101.19 | 571291 | 623000 | 10080 | 612920 | 107.28 |
| 17 | 40.00 | 801 | LAUREL TEXT | 7.3 | 2:0 | 30.23 | 17616 | 16990 | | 16990 | 96.44 |
| 17 | 45.00 | 802 | LAUREL TEXT | 11.6 | 10:8 | 97.03 | 86251 | 104830 | | 104830 | 121.54 |
| 17 | 50.00 | 803 | LAUREL TEXT | 30.9 | 19:6 | 69.99 | 185393 | 180730 | 3470 | 177260 | 95.61 |
| 17 | 45.00 | 812 | LAUREL TEXT | 45.0 | 31:7 | 77.73 | 265835 | 269890 | 5550 | 264340 | 99.43 |
| 17 | 40.00 | 822 | CAMELIA MATTE | 13.2 | 7:5 | 62.70 | 62831 | 35960 | 7960 | 28000 | 44.56 |
| 17 | 35.00 | 840 | RAM KOTE | 66.4 | 56:6 | 94.06 | 377902 | 427690 | | 427690 | 113.17 |
| 17 | 40.00 | 862 | H N WEB | 9.2 | 7:1 | 85.16 | 60018 | 49900 | 4440 | 45460 | 75.74 |
| 17 | 91.00 | 872 | DRY TONER TYPE SV | 26.2 | 16:2 | 68.23 | 265337 | 43480 | | 43480 | 16.38 |
| 17 | 87.50 | 876 | ELECTROSTATIC TYPE I | 91.9 | 74:3 | 89.21 | 387222 | 392750 | | 392750 | 101.42 |
| | 54.37 | | MACH TOTAL 1.10345 | 301.7 | 225:2 | 82.37 | 1708405 | 1522220 | 21420 | 1500800 | 87.84 |



```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 08/27/80
7B00I  OPTION ROUTE=LST                                                    0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,50,3,PD,A),WORK=1,FILES=1          0011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                       0012
7B00I  INPFIL BLKSIZE=4080                                                 0013
7B00I  OUTFIL BLKSIZE=4080                                                 0014
7B00I  END                                                                 0015

7J03I SORT  COMPLETE, IN 766, OUT 766.
```

PROGRAM: A4PS33C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 08/27/80 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 2213 | ANDERPAQUE BIBLE | 620 | 630 | 1 | 101.61 |
| | | | | | 1 | 101.61 |
| | 2223 | NATO TEXT BIBLE 80 | 620 | 600 | 5 | 96.77 |
| | | | 620 | 620 | 37 | 100.00 |
| | | | 620 | 630 | 24 | 101.61 |
| | | | 620 | 700 | 1 | 112.90 |
| | | | | | 67 | 100.52 |
| | 2405 | SHAKESPEARE THIN | 600 | 630 | 1 | 105.00 |
| | | | | | 1 | 105.00 |
| | 2528 | A H DICTIONARY | 600 | 600 | 12 | 100.00 |
| | | | | | 12 | 100.00 |
| | 3038 | HOME DICTIONARY PAPER | 560 | 560 | 5 | 100.00 |
| | | | | | 5 | 100.00 |
| | | | | | | 100.48 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 500 | 480 | 2 | 96.00 |
| | | | 500 | 500 | 19 | 100.00 |
| | | | 500 | 510 | 1 | 102.00 |
| | | | 500 | 520 | 1 | 104.00 |
| | | | 500 | 600 | 2 | 120.00 |
| | | | | | 25 | 101.52 |
| | 1000 | Q.P. OFFSET | 720 | 720 | 4 | 100.00 |
| | | | | | 4 | 100.00 |
| | 1511 | JOY OF COOKING OFFSET | 720 | 720 | 4 | 100.00 |
| | | | 720 | 740 | 1 | 102.77 |
| | | | | | 5 | 100.55 |
| | 1800 | PRIDE OPAQUE | 750 | 750 | 4 | 100.00 |
| | | | | | 4 | 100.00 |
| | 2503 | SOLITUDE OPAQUE | 750 | 750 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 2504 | SOLITUDE OPAQUE | 750 | 750 | 4 | 100.00 |
| | | | | | 4 | 100.00 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | 670 | 1 | 90.54 |
| | | | 740 | 740 | 14 | 100.00 |
| | | | 740 | 750 | 1 | 101.35 |
| | | | | | 16 | 99.49 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 750 | 750 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2516 | CELLUPAQUE | 750 | 720 | 2 | 96.00 |
| | | | 750 | 750 | 3 | 100.00 |
| | | | | | 5 | 98.40 |
| | 3001 | SUPERIOR OFFSET | 720 | 720 | 2 | 100.00 |
| | | | 720 | 740 | 1 | 102.77 |
| | | | | | 3 | 100.92 |
| | 3002 | SUPERIOR OFFSET | 700 | 700 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 3038 | HOME DICTIONARY PAPER | 750 | 500 | 1 | 66.66 |
| | | | 750 | 720 | 1 | 96.00 |
| | | | 750 | 750 | 23 | 100.00 |
| | | | | | 25 | 98.50 |
| | 3830 | WHITE BOOKLITE | 750 | 740 | 2 | 98.66 |
| | | | 750 | 750 | 7 | 100.00 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 9 | 99.70 |
| | 7100 | K WHITE OFFSET | 740 | 740 | 6 | 100.00 |
| | | | 740 | 750 | 1 | 101.35 |
| | | | | | 7 | 100.19 |
| | 7101 | K WHITE OFFSET | 720 | 720 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 7104 | K WHITE OFFSET | 620 | 620 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 7124 | BW K OFFSET - ANTIQUE | 620 | 550 | 1 | 88.70 |
| | | | 620 | 630 | 1 | 101.61 |
| | | | | | 2 | 95.15 |
| | | | | | | 99.82 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 201 | LAUREL TEXT R.S. | 750 | 800 | 1 | 106.66 |
| | | | | | 1 | 106.66 |
| | 221 | CAMELIA MATTE RS | 750 | 750 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 1100 | E. B. NEW SHADE | 750 | 760 | 15 | 101.33 |
| | | | 750 | 800 | 1 | 106.66 |
| | | | | | 16 | 101.66 |
| | 1202 | SPECIAL AM PRIDE | 750 | 790 | 1 | 105.33 |
| | | | 750 | 800 | 6 | 106.66 |
| | | | | | 7 | 106.47 |
| | 1503 | J OFFSET | 680 | 700 | 2 | 102.94 |
| | | | | | 2 | 102.94 |
| | 2007 | BRITE LITE PLUS | 670 | 680 | 3 | 101.49 |
| | | | | | 3 | 101.49 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 670 | 680 | 6 | 101.49 |
| | | | 670 | 690 | 1 | 102.98 |
| | | | | | 7 | 101.70 |
| | 2231 | ALLIED SPECIAL BIBLE | 740 | 740 | 1 | 100.00 |
| | | | 740 | 760 | 13 | 102.70 |
| | | | | | 14 | 102.50 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 670 | 680 | 3 | 101.49 |
| | | | 670 | 720 | 6 | 107.46 |
| | | | 670 | 750 | 1 | 111.94 |
| | | | | | 10 | 106.11 |
| | 2430 | PUBLISHERS THIN | 750 | 800 | 5 | 106.66 |
| | | | | | 5 | 106.66 |
| | 2961 | BW 8 OFFSET | 580 | 600 | 5 | 103.44 |
| | | | | | 5 | 103.44 |
| | 3040 | SPECIAL SUPERIOR BOOK | 700 | 700 | 8 | 100.00 |
| | | | 700 | 725 | 4 | 103.57 |
| | | | 700 | 750 | 2 | 107.14 |
| | | | | | 14 | 102.04 |
| | 3830 | WHITE BOOKLITE | 750 | 800 | 8 | 106.66 |
| | | | | | 8 | 106.66 |
| | 7101 | K WHITE OFFSET | 630 | 700 | 1 | 111.11 |
| | | | | | 1 | 111.11 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7102 | K WHITE OFFSET | 580 | 600 | 3 | 103.44 |
| | | | | | 3 | 103.44 |
| | | | | | | 103.54 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 272 | TYPE IV BASE STOCK LIQ; TONER | 400 | 450 | 2 | 112.50 |
| | | | 400 | 460 | 2 | 115.00 |
| | | | | | 4 | 113.75 |
| | 276 | TYPE IV BLADE BASE | 500 | 480 | 2 | 96.00 |
| | | | 500 | 500 | 28 | 100.00 |
| | | | | | 30 | 99.73 |
| | 1503 | J OFFSET | 720 | 750 | 2 | 104.16 |
| | | | 720 | 760 | 1 | 105.55 |
| | | | 720 | 780 | 2 | 108.33 |
| | | | | | 5 | 106.10 |
| | 1533 | B W &J' OFFSET | 730 | 720 | 2 | 98.63 |
| | | | 730 | 750 | 3 | 102.73 |
| | | | | | 5 | 101.09 |
| | 1559 | BW JACKSON OFFSET | 590 | 620 | 1 | 105.08 |
| | | | 590 | 750 | 1 | 127.11 |
| | | | | | 2 | 116.09 |
| | 1902 | TENNYSON OFFSET | 730 | 750 | 4 | 102.73 |
| | | | | | 4 | 102.73 |
| | 1904 | TENNYSON OFFSET | 590 | 620 | 1 | 105.08 |
| | | | 590 | 630 | 1 | 106.77 |
| | | | | | 2 | 105.92 |
| | 2202 | IMPERIAL BIBLE | 730 | 760 | 1 | 104.10 |
| | | | | | 1 | 104.10 |
| | 2505 | SOLITUDE OPAQUE | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 2513 | IBM SUPERIOR OFFSET | 720 | 750 | 11 | 104.16 |
| | | | 720 | 780 | 3 | 108.33 |
| | | | | | 14 | 105.05 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 730 | 780 | 2 | 106.84 |
| | | | | | 2 | 106.84 |
| | 2516 | CELLUPAQUE | 730 | 780 | 4 | 106.84 |
| | | | | | 4 | 106.84 |
| | 2902 | DICKENS OFFSET | 730 | 700 | 2 | 95.89 |
| | | | | | 2 | 95.89 |
| | 2990 | HEAT SET WEB OFFSET LOT 9 | 730 | 760 | 2 | 104.10 |
| | | | | | 2 | 104.10 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 3002 | SUPERIOR OFFSET | 730 | 730 | 1 | 100.00 |
| | | | 730 | 740 | 1 | 101.36 |
| | | | | | 2 | 100.68 |
| | 3003 | SUPERIOR OFFSET | 650 | 700 | 6 | 107.69 |
| | | | | | 6 | 107.69 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 400 | 400 | 6 | 100.00 |
| | | | 400 | 450 | 1 | 112.50 |
| | | | | | 7 | 101.78 |
| | 3410 | END LEAF | 300 | 350 | 1 | 116.66 |
| | | | | | 1 | 116.66 |
| | 3830 | WHITE BOOKLITE | 730 | 750 | 3 | 102.73 |
| | | | | | 3 | 102.73 |
| | 7101 | K WHITE OFFSET | 730 | 730 | 1 | 100.00 |
| | | | 730 | 750 | 9 | 102.73 |
| | | | 730 | 760 | 5 | 104.10 |
| | | | 730 | 765 | 2 | 104.79 |
| | | | | | 17 | 103.21 |
| | 7102 | K WHITE OFFSET | 730 | 720 | 1 | 98.63 |
| | | | 730 | 740 | 1 | 101.36 |
| | | | 730 | 750 | 5 | 102.73 |
| | | | 730 | 760 | 1 | 104.10 |
| | | | | | 8 | 102.21 |
| | 7104 | K WHITE OFFSET | 590 | 460 | 1 | 77.96 |
| | | | 590 | 600 | 2 | 101.69 |
| | | | | | 1 | 93.78 |
| | | | | | | 103.20 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 202 | LAUREL TEXT - RS | 720 | 760 | 5 | 105.55 |
| | | | | | 5 | 105.55 |
| | 203 | LAUREL TEXT - RS | 720 | 760 | 11 | 105.55 |
| | | | | | 11 | 105.55 |
| | 212 | LAUREL TEXT R.S. | 720 | 760 | 13 | 105.55 |
| | | | | | 13 | 105.55 |
| | 246 | RAM KOTE R.S. | 700 | 760 | 13 | 108.57 |
| | | | | | 13 | 108.57 |
| | 261 | HM WEB BASE STOCK R/S | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 1503 | J OFFSET | 700 | | 1 | |
| | | | 700 | 760 | 21 | 108.57 |
| | | | | | 22 | 103.63 |
| | 1800 | PRIDE OPAQUE | 720 | 760 | 8 | 105.55 |
| | | | | | 8 | 105.55 |
| | 1805 | ALLIED PRIDE | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 2104 | BRITISH OPAQUE | 720 | 760 | 5 | 105.55 |
| | | | | | 5 | 105.55 |
| | 2202 | IMPERIAL BIBLE | 720 | 760 | 3 | 105.55 |
| | | | | | 3 | 105.55 |
| | 2300 | MERRIAM DICTIONARY | 720 | 760 | 3 | 105.55 |
| | | | | | 3 | 105.55 |
| | 2503 | SOLITUDE OPAQUE | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 3500 | SCHOOL COTE | 700 | 740 | 1 | 105.71 |
| | | | 700 | 760 | 7 | 108.57 |
| | | | | | 8 | 108.21 |
| | 3502 | SCHOOL COTE | 630 | 640 | 2 | 101.58 |
| | | | 630 | 670 | 5 | 106.34 |
| | | | 630 | 680 | 7 | 107.93 |
| | | | | | 14 | 106.45 |
| | | | | | | 105.83 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2000 | BRITE LITE THIN | 650 | 700 | 4 | 107.69 |
| | | | | | 4 | 107.69 |
| | 2003 | BRITE LITE THIN | 610 | 680 | 3 | 111.47 |
| | | | | | 3 | 111.47 |
| | 2005 | BRITE LITE THIN | 600 | 680 | 2 | 113.33 |
| | | | | | 2 | 113.33 |
| | 2011 | ZONDERLITE 84 | 650 | 700 | 3 | 107.69 |
| | | | | | 3 | 107.69 |
| | 2100 | BRITE LITE THIN | 610 | 620 | 9 | 101.63 |
| | | | 610 | 660 | 1 | 108.19 |
| | | | | | 10 | 102.28 |
| | 2223 | NATO TEXT BIBLE 80 | 650 | 600 | 1 | 92.30 |
| | | | 650 | 620 | 1 | 95.38 |
| | | | 650 | 700 | 48 | 107.69 |
| | | | | | 50 | 107.13 |
| | 2426 | SHAKESPEARE THIN | 600 | 600 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | | | | | | 106.68 |

MACH SPEED EFFSOIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 1805 | ALLIED PRIDE | 470 | 570 | 2 | 121.27 |
| | | | 470 | 720 | 1 | 153.19 |
| | | | | | 3 | 131.91 |
| | 2001 | BRITE LITE THIN | 630 | 700 | 3 | 111.11 |
| | | | | | 3 | 111.11 |
| | 2208 | NELTEXT BIBLE | 620 | 620 | 17 | 100.00 |
| | | | 620 | 640 | 1 | 103.22 |
| | | | | | 18 | 100.17 |
| | 2210 | IMPERIAL BIBLE EF NAT RUB | 620 | 640 | 5 | 103.22 |
| | | | | | 5 | 103.22 |
| | 6717 | WHITE CRIMPING PAPER | 700 | 720 | 8 | 102.85 |
| | | | 700 | 750 | 11 | 107.14 |
| | | | | | 19 | 105.33 |
| | 6720 | PLUG WRAP | 640 | 620 | 2 | 96.87 |
| | | | 640 | 660 | 7 | 103.12 |
| | | | 640 | 750 | 1 | 117.18 |
| | | | | | 10 | 103.27 |
| | 6723 | COMBINER WRAP (ATC) | 600 | 600 | 5 | 100.00 |
| | | | 600 | 620 | 1 | 103.33 |
| | | | 600 | 625 | 1 | 104.16 |
| | | | | | 7 | 101.07 |
| | | | | | | 104.46 |

SD 085785

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 510 | | 21 | |
| | | | | | 21 | |

85786

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 801 | LAUREL TEXT | 1300 | | 1 | |
| | | | | | 1 | |
| | 802 | LAUREL TEXT | 1250 | | 3 | |
| | | | | | 3 | |
| | 803 | LAUREL TEXT | 1250 | | 9 | |
| | | | | | 9 | |
| | 812 | LAUREL TEXT | 1300 | | 11 | |
| | | | | | 11 | |
| | 821 | CAMELIA MATTE | 1250 | | 2 | |
| | | | | | 2 | |
| | 846 | RAM KOTE | 1300 | | 11 | |
| | | | | | 11 | |
| | 861 | H M WEB | 1300 | | 2 | |
| | | | | | 2 | |
| | 872 | DRY TONER TYPE IV | 1100 | | 9 | |
| | | | | | 9 | |
| | 876 | ELECTROSTATIC TYPE IV | 370 | | 17 | |
| | | | | | 17 | |

SD 053787

```
SORT/MERGE 5740-SM2, REL 1, MOD 0, PTF 04,  DATE 08/27/80
¥800I  OPTION ROUTE=LST                                                    0010
¥800I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1          0011
¥800I  RECORD TYPE=F,LENGTH=(80,,80)                                       0012
¥800I  INPFIL BLKSIZE=4080                                                 0013
¥800I  OUTFIL BLKSIZE=4080                                                 0014
¥800I  END                                                                 0015

¥J03I SORT  COMPLETE, IN 766, OUT 766.
```

SB 053788

DAILY PRODUCTION SYSTEM

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 2213 | ANDERPAQUE BIBLE | 105 | 110 | 1 | 104.76 |
| | | | | | 1 | 104.76 |
| | 2223 | NATO TEXT BIBLE 80 | 102 | 116 | 67 | 113.72 |
| | | | | | 67 | 113.72 |
| | 2405 | SHAKESPEARE THIN | 110 | 113 | 1 | 102.72 |
| | | | | | 1 | 102.72 |
| | 2528 | A H DICTIONARY | 110 | 121 | 12 | 110.00 |
| | | | | | 12 | 110.00 |
| | 3038 | HOME DICTIONARY PAPER | 105 | 112 | 5 | 106.66 |
| | | | | | 5 | 106.66 |
| | | | | 117 | | 112.55 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK RS | 144 | 139 | 5 | 96.52 |
| | | | 144 | 136 | 4 | 94.44 |
| | | | 144 | 133 | 16 | 92.36 |
| | | | | | 25 | 93.52 |
| | 1000 | Q.P. OFFSET | 140 | 144 | 4 | 102.85 |
| | | | | | 4 | 102.85 |
| | 1511 | JOY OF COOKING OFFSET | 142 | 136 | 5 | 95.77 |
| | | | | | 5 | 95.77 |
| | 1800 | PRIDE OPAQUE | 140 | 142 | 4 | 101.42 |
| | | | | | 4 | 101.42 |
| | 2503 | SOLITUDE OPAQUE | 140 | 140 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 2504 | SOLITUDE OPAQUE | 140 | 142 | 4 | 101.42 |
| | | | | | 4 | 101.42 |
| | 2513 | IBM SUPERIOR OFFSET | 140 | 142 | 4 | 101.42 |
| | | | 140 | 140 | 12 | 100.00 |
| | | | | | 16 | 100.35 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 140 | 138 | 2 | 98.57 |
| | | | | | 2 | 98.57 |
| | 2516 | CELLUPAQUE | 140 | 141 | 5 | 100.71 |
| | | | | | 5 | 100.71 |
| | 3001 | SUPERIOR OFFSET | 142 | 142 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 3002 | SUPERIOR OFFSET | 142 | 137 | 3 | 96.47 |
| | | | | | 3 | 96.47 |
| | 3038 | HOME DICTIONARY PAPER | 148 | 140 | 25 | 94.59 |
| | | | | | 25 | 94.59 |
| | 3830 | WHITE BOOKLITE | 138 | 139 | 4 | 100.72 |
| | | | 138 | 125 | 5 | 90.57 |
| | | | | | 9 | 95.08 |
| | 7100 | K WHITE OFFSET | 142 | 146 | 3 | 102.81 |
| | | | 142 | 140 | 4 | 98.59 |
| | | | | | 7 | 100.39 |
| | 7101 | K WHITE OFFSET | 142 | 140 | 2 | 98.59 |
| | | | | | 2 | 98.59 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7104 | K WHITE OFFSET | 142 | 135 | 2 | 95.07 |
| | | | | | 2 | 95.07 |
| | 7124 | BW K OFFSET - ANTIQUE | 142 | 138 | 2 | 97.18 |
| | | | | | 2 | 97.18 |
| | | | | 139 | | 96.97 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 201 | LAUREL TEXT R.S. | 126 | 123 | 1 | 97.61 |
| | | | | | 1 | 97.61 |
| | 221 | CAMELIA MATTE RS | 126 | 122 | 3 | 96.82 |
| | | | | | 3 | 96.82 |
| | 1100 | E. B. NEW SHADE | 138 | 138 | 16 | 100.00 |
| | | | | | 16 | 100.00 |
| | 1202 | SPECIAL AM PRIDE | 128 | 118 | 7 | 92.18 |
| | | | | | 7 | 92.18 |
| | 1503 | J OFFSET | 132 | 134 | 2 | 101.51 |
| | | | | | 2 | 101.51 |
| | 2007 | BRITE LITE PLUS | 132 | 119 | 3 | 90.15 |
| | | | | | 3 | 90.15 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 130 | 5 | 98.48 |
| | | | 132 | 122 | 2 | 92.42 |
| | | | | | 7 | 96.74 |
| | 2231 | ALLIED SPECIAL BIBLE | 136 | 124 | 14 | 91.17 |
| | | | | | 14 | 91.17 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 132 | 114 | 10 | 86.36 |
| | | | | | 10 | 86.36 |
| | 2430 | PUBLISHERS THIN | 132 | 127 | 5 | 96.21 |
| | | | | | 5 | 96.21 |
| | 2961 | BW G OFFSET | 136 | 134 | 3 | 98.52 |
| | | | 136 | 132 | 2 | 97.05 |
| | | | | | 5 | 97.93 |
| | 3040 | SPECIAL SUPERIOR BOOK | 134 | 132 | 14 | 98.50 |
| | | | | | 14 | 98.50 |
| | 3830 | WHITE BOOKLITE | 134 | 126 | 8 | 94.02 |
| | | | | | 8 | 94.02 |
| | 7101 | K WHITE OFFSET | 136 | 124 | 1 | 91.17 |
| | | | | | 1 | 91.17 |
| | 7102 | K WHITE OFFSET | 136 | 122 | 3 | 89.70 |
| | | | | | 3 | 89.70 |
| | | | | 128 | | 94.80 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 272 | TYPE IV BASE STOCK LIQ& TONER | 124 | 119 | 4 | 95.96 |
| | | | | | 4 | 95.96 |
| | 276 | TYPE IV BLADE BASE | 124 | 118 | 12 | 95.16 |
| | | | 124 | 109 | 18 | 87.90 |
| | | | | | 30 | 90.80 |
| | 1503 | J OFFSET | 105 | 117 | 4 | 111.42 |
| | | | 105 | 107 | 1 | 101.90 |
| | | | | | 5 | 109.51 |
| | 1533 | B W 'J' OFFSET | 106 | 116 | 1 | 109.43 |
| | | | 106 | 107 | 2 | 100.94 |
| | | | 106 | 105 | 2 | 99.05 |
| | | | | | 5 | 101.88 |
| | 1559 | BW JACKSON OFFSET | 105 | 107 | 1 | 101.90 |
| | | | 105 | 102 | 1 | 97.14 |
| | | | | | 2 | 99.52 |
| | 1902 | TENNYSON OFFSET | 110 | 105 | 4 | 95.45 |
| | | | | | 4 | 95.45 |
| | 1904 | TENNYSON OFFSET | 110 | 115 | 2 | 104.54 |
| | | | | | 2 | 104.54 |
| | 2202 | IMPERIAL BIBLE | 110 | 112 | 1 | 101.81 |
| | | | | | 1 | 101.81 |
| | 2505 | SOLITUDE OPAQUE | 110 | 115 | 2 | 104.54 |
| | | | | | 2 | 104.54 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 105 | 14 | 95.45 |
| | | | | | 14 | 95.45 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 105 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2516 | CELLUPAQUE | 114 | 113 | 2 | 99.12 |
| | | | 114 | 105 | 2 | 92.10 |
| | | | | | 4 | 95.61 |
| | 2902 | DICKENS OFFSET | 110 | 112 | 2 | 101.81 |
| | | | | | 2 | 101.81 |
| | 2990 | HEAT SET WEB OFFSET LOT 9 | 110 | 114 | 2 | 103.63 |
| | | | | | 2 | 103.63 |
| | 3002 | SUPERIOR OFFSET | 110 | 118 | 2 | 107.27 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 2 | 107.27 |
| | 3003 | SUPERIOR OFFSET | 110 | 108 | 6 | 98.18 |
| | | | | | 6 | 98.18 |
| | 3400 | END LEAF OFFSET - HI ORAQUE | 120 | 120 | 1 | 100.00 |
| | | | 120 | 113 | 2 | 94.16 |
| | | | 120 | 111 | 2 | 92.50 |
| | | | 120 | 110 | 2 | 91.66 |
| | | | | | 7 | 93.80 |
| | 3410 | END LEAF | 110 | 109 | 1 | 99.09 |
| | | | | | 1 | 99.09 |
| | 3830 | WHITE BOOKLITE | 110 | 111 | 3 | 100.90 |
| | | | | | 3 | 100.90 |
| | 7101 | K WHITE OFFSET | 110 | 124 | 3 | 112.72 |
| | | | 110 | 112 | 6 | 101.81 |
| | | | 110 | 108 | 3 | 98.18 |
| | | | 110 | 101 | 2 | 91.81 |
| | | | 110 | 93 | 3 | 84.54 |
| | | | | | 17 | 98.87 |
| | 7102 | K WHITE OFFSET | 110 | 117 | 1 | 106.36 |
| | | | 110 | 113 | 1 | 102.72 |
| | | | 110 | 112 | 2 | 101.81 |
| | | | 110 | 105 | 2 | 95.45 |
| | | | 110 | 104 | 2 | 94.54 |
| | | | | | 8 | 99.08 |
| | 7104 | K WHITE OFFSET | 110 | 105 | 3 | 95.45 |
| | | | | | 3 | 95.45 |
| | | | | 110 | | 96.96 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 202 | LAUREL TEXT - RS | 104 | 111 | 3 | 106.73 |
| | | | 104 | 108 | 2 | 103.84 |
| | | | | | 5 | 105.57 |
| | 203 | LAUREL TEXT - RS | 104 | 111 | 4 | 106.73 |
| | | | 104 | 108 | 5 | 103.84 |
| | | | 104 | 100 | 1 | 96.15 |
| | | | 104 | 99 | 1 | 95.19 |
| | | | | | 11 | 103.40 |
| | 212 | LAUREL TEXT R.S. | 104 | 111 | 11 | 106.73 |
| | | | 104 | 100 | 2 | 96.15 |
| | | | | | 13 | 105.10 |
| | 246 | RAM KOTE R.S. | 104 | 106 | 13 | 101.92 |
| | | | | | 13 | 101.92 |
| | 261 | HM WEB BASE STOCK R/S | 121 | 118 | 2 | 97.52 |
| | | | | | 2 | 97.52 |
| | 1503 | J OFFSET | 105 | 110 | 22 | 104.76 |
| | | | | | 22 | 104.76 |
| | 1800 | PRIDE OPAQUE | 110 | 110 | 8 | 100.00 |
| | | | | | 8 | 100.00 |
| | 1805 | ALLIED PRIDE | 110 | 105 | 2 | 95.45 |
| | | | | | 2 | 95.45 |
| | 2104 | BRITISH OPAQUE | 110 | 114 | 3 | 103.63 |
| | | | 110 | 111 | 2 | 100.90 |
| | | | | | 5 | 102.53 |
| | 2202 | IMPERIAL BIBLE | 110 | 112 | 3 | 101.81 |
| | | | | | 3 | 101.81 |
| | 2300 | MERRIAM DICTIONARY | 112 | 111 | 3 | 99.10 |
| | | | | | 3 | 99.10 |
| | 2503 | SOLITUDE OPAQUE | 110 | 105 | 1 | 95.45 |
| | | | 110 | 101 | 1 | 91.81 |
| | | | | | 2 | 93.63 |
| | 3500 | SCHOOL COTE | 105 | 104 | 8 | 99.04 |
| | | | | | 8 | 99.04 |
| | 3502 | SCHOOL COTE | 105 | 118 | 7 | 112.38 |
| | | | 105 | 102 | 5 | 97.14 |
| | | | 105 | 97 | 2 | 92.38 |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 8
RUN DATE: 08/27/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | | | 14 | 104.08 |
| | | | | 109 | | 102.69 |

MACH TRIM EFFSCIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2000 | BRITE LITE THIN | 105 | 105 | 3 | 100.00 |
| | | | 105 | 93 | 1 | 88.57 |
| | | | | | 4 | 97.14 |
| | 2003 | BRITE LITE THIN | 105 | 100 | 3 | 95.23 |
| | | | | | 3 | 95.23 |
| | 2005 | BRITE LITE THIN | 105 | 105 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2011 | ZONDERLITE 84 | 105 | 90 | 3 | 85.71 |
| | | | | | 3 | 85.71 |
| | 2100 | BRITE LITE THIN | 105 | 104 | 10 | 99.04 |
| | | | | | 10 | 99.04 |
| | 2223 | NATO TEXT BIBLE 80 | 106 | 108 | 34 | 101.88 |
| | | | 106 | 105 | 16 | 99.05 |
| | | | | | 50 | 100.97 |
| | 2426 | SHAKESPEARE THIN | 105 | 103 | 2 | 98.09 |
| | | | | | 2 | 98.09 |
| | | | | 106 | | 99.54 |

SD 853797

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 1805 | ALLIED PRIDE | 101 | 102 | 3 | 100.99 |
| | | | | | 3 | 100.99 |
| | 2001 | BRITE LITE THIN | 96 | 96 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 2208 | NELTEXT BIBLE | 101 | 96 | 18 | 95.04 |
| | | | | | 18 | 95.04 |
| | 2210 | IMPERIAL BIBLE EF NAT RUB | 96 | 96 | 5 | 100.00 |
| | | | | | 5 | 100.00 |
| | 6717 | WHITE CRIMPING PAPER | 100 | 100 | 14 | 100.00 |
| | | | 100 | 98 | 5 | 98.00 |
| | | | | | 19 | 99.47 |
| | 6720 | PLUG WRAP | 100 | 104 | 1 | 104.00 |
| | | | 100 | 100 | 9 | 100.00 |
| | | | | | 10 | 100.40 |
| | 6723 | COMBINER WRAP (ATC) | 100 | 100 | 7 | 100.00 |
| | | | | | 7 | 100.00 |
| | | | | 98 | | 98.57 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 72 | 73 | 4 | 101.38 |
| | | | 72 | 67 | 16 | 93.05 |
| | | | 72 | | 1 | |
| | | | | | 21 | 90.20 |
| | | | | 65 | | 90.20 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 801 | LAUREL TEXT | 102 | 120 | 1 | 117.64 |
| | | | | | 1 | 117.64 |
| | 802 | LAUREL TEXT | 102 | 108 | 1 | 105.88 |
| | | | 102 | 105 | 2 | 102.94 |
| | | | | | 3 | 103.92 |
| | 803 | LAUREL TEXT | 102 | 115 | 3 | 112.74 |
| | | | 102 | 108 | 1 | 105.88 |
| | | | 102 | 105 | 4 | 102.94 |
| | | | 102 | 98 | 1 | 96.07 |
| | | | | | 9 | 105.77 |
| | 812 | LAUREL TEXT | 102 | 108 | 8 | 105.88 |
| | | | 102 | 98 | 3 | 96.07 |
| | | | | | 11 | 103.20 |
| | 821 | CAMELIA MATTE | 102 | 119 | 2 | 116.66 |
| | | | | | 2 | 116.66 |
| | 846 | RAM KOTE | 102 | 104 | 11 | 101.96 |
| | | | | | 11 | 101.96 |
| | 861 | H M WEB | 102 | 116 | 1 | 113.72 |
| | | | 102 | 115 | 1 | 112.74 |
| | | | | | 2 | 113.23 |
| | 872 | DRY TONER TYPE IV | 102 | 116 | 9 | 113.72 |
| | | | | | 9 | 113.72 |
| | 876 | ELECTROSTATIC TYPE IV | 102 | 119 | 1 | 116.66 |
| | | | 102 | 116 | 7 | 113.72 |
| | | | 102 | 115 | 5 | 112.74 |
| | | | 102 | 112 | 1 | 109.80 |
| | | | 102 | 106 | 3 | 103.92 |
| | | | | | 17 | 111.64 |
| | | | | 109 | | 107.99 |

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 08/27/80
▼B00I  OPTION ROUTE=LST                                                  0013
▼B00I  SORT FIELDS=(15,2,A,19,4,A),FORMAT=BI,WORK=1,FILES=2              0014
▼B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0015
▼B00I  INPFIL BLKSIZE=4080                                               0016
▼B00I  OUTFIL BLKSIZE=4080                                               0017
▼B00I  END                                                               0018

▼J03I SORT  COMPLETE, IN 1997, OUT 1997.
```

JULY, 1980.

| | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|
| | | 05 | 06 | 07 | 08 | 09 |
| 1 | 2202 | 12960 | | 40810 | 23360 | |
| 2 | 2213 | 35350 | | | | |
| 3 | 2219 | 124060 | | | | |
| 4 | 2221 | 61570 | | 17500 | | |
| 5 | 2228 | 41200 | | | | |
| 6 | 2233 | 122820 | | | | |
| 7 | 2512 | 204190 | 187730 | | | 491280 |
| 8 | 2514 | 42540 | | | 32[illegible]0 | |
| 9 | 2528 | 558200 | | | | |
| 10 | 0142 | [illegible] | 354880 | | | |
| 11 | 1500 | | 1218650 | | 125550 | |
| 12 | 1522 | | 130060 | | 44940 | |
| 13 | 1550 | | 16700 | | 59710 | |
| 14 | 2507 | | 38000 | | | |
| 15 | 3002 | | 71150 | | | |
| 16 | 3830 | | 213780 | 798120 | | |
| 17 | 7100 | | 68580 | | | |
| 18 | 7101 | | 26780 | | | |
| 19 | 7102 | | 184240 | 38440 | 101800 | |
| 20 | 7104 | | 93760 | | 37560 | |
| 21 | 7121 | | [illegible] | | | |
| 22 | 7122 | | 100480 | | | |
| 23 | 0221 | | [illegible] | 167020 | | |
| 24 | 180[illegible] | | | 24780 | | |
| 25 | [illegible] | | | 194410 | | |
| 26 | 2232 | | | 101840 | | |
| 27 | 2241 | | | 110610 | | |
| 28 | 2430 | | | 257[illegible] | | |
| 29 | 2961 | | | 80320 | | |
| 30 | 3500 | | | 105750 | | |
| 31 | 0272 | | | [illegible] | 56840 | |
| 32 | 0273 | | | | 94570 | |
| 33 | 0276 | | | | [illegible] | |
| 34 | 1510 | | | | 7570 | |
| 35 | 1800 | | | | 185[illegible] | |
| 36 | 1810 | | | | 52580 | |
| 37 | [illegible] | | | | 115[illegible] | |
| 38 | 2300 | | | | [illegible] | |
| 39 | 2400 | | | | 88190 | |
| 40 | 7000 | | | | 86140 | |

[illegible] [illegible]

TOTAL

| | | |
|---|---|---|
| | 78130 | [illegible] |
| | 35350 | 5 |
| | 124000 | 16 |
| | [illegible] | 15 |
| | 41200 | 16 |
| | 122800 | 16 |
| 491270 | 883200 | 14 |
| | 74760 | [illegible] |
| | 558200 | [illegible] |
| | [illegible] | [illegible] |
| | 1344240 | 6 |
| | 175000 | 6 |
| | 105410 | 16 |
| | 38000 | 6 |
| | 71150 | 16 |
| | 1011900 | 16 |
| | 68580 | 16 |
| | 26780 | 16 |
| | 324520 | 16 |
| | 133320 | 16 |
| | 294600 | 14 |
| | 107480 | — |
| | 167020 | 16 |
| | 24780 | 16 |
| | 194480 | 16 |
| | 101840 | 15 |
| | 119310 | 16 |
| | 257960 | 15 |
| | 80320 | 16 |
| | 105750 | 19 |
| | 56840 | 06 |
| | 84580 | 08 |
| | 692530 | 08 |
| | 7570 | 16 |
| [illegible] | 398410 | 16 |
| | 53580 | 16 |
| | 115860 | 16 |
| | 298100 | 16 |
| | 88160 | 14 |
| | 86140 | 16 |

MADE IN U.S.A.

| | | |
|---|---|---|
| 1 | [illegible] | 166700 |
| 2 | [illegible] | 12[illegible]30 |
| 3 | [illegible] | 5[illegible]770 |
| 4 | [illegible] | 791480 |
| 5 | 1502 | 64[illegible]670 |
| 6 | [illegible] | 20100 |
| 7 | 2503 | 17000 |
| 8 | 2516 | 57010 |
| 9 | | [illegible]1220 |
| 10 | | |
| 11 | 2000 | |
| 12 | 2011 | |
| 13 | [illegible] | |
| 14 | [illegible] | |
| 15 | [illegible] | |
| 16 | [illegible] | |
| 17 | 1805 | |
| 18 | 2210 | |
| 19 | [illegible] | |
| 20 | [illegible] | |
| 21 | [illegible] | |
| 22 | 6720 | |
| 23 | | |
| 24 | | |
| 25 | | 1[illegible]56950 |
| 26 | | |
| 27 | | |
| 28 | | |
| 29 | | |
| 30 | | |
| 31 | | |
| 32 | | |
| 33 | | |
| 34 | | |
| 35 | | 6144680 |
| 36 | | |
| 37 | | |
| 38 | | |
| 39 | | |
| 40 | | |

© WILSON JONES COMPANY G7214 GREEN [illegible] PAT APPL FOR

MADE IN U.S.A.

PROGRAM: A4PS35C2 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 07/30/80 DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

JULY 1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 30.00 | 2202 | IMPERIAL BIBLE | 5.0 | 4.0 | 87.27 | 10566 | 13960 | | 13960 | 132.12 |
| 5 | 22.00 | 2213 | ANDERPAQUE BIBLE | 17.3 | 16.5 | 104.05 | 33758 | 35350 | | 35350 | 104.71 |
| 5 | 24.00 | 2219 | SPEC. IMP. BIBLE | 78.3 | 70.2 | 97.81 | 141772 | 124060 | | 124060 | 87.50 |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 37.7 | 36.6 | 105.91 | 66226 | 61370 | 3080 | 58290 | 88.01 |
| 5 | 30.00 | 2228 | CW IMPERIAL BIBLE | 26.8 | 28.2 | 84.76 | 57462 | 41208 | | 41208 | 71.69 |
| 5 | 22.00 | 2233 | IMPERIAL BIBLE EXTRA | 83.7 | 66.3 | 86.41 | 140292 | 122820 | 4270 | 118550 | 84.50 |
| 5 | 40.00 | 2513 | IHM SUPERIOR OFFSET | 62.9 | 60.9 | 105.62 | 190974 | 204190 | | 204190 | 106.92 |
| 5 | 35.00 | 2514 | INTERNATIONAL HARVES | 15.6 | 14.5 | 101.40 | 43127 | 42540 | | 42540 | 98.63 |
| 5 | 38.00 | 2528 | A H DICTIONARY | 223.5 | 203.0 | 99.08 | 579672 | 558200 | 1970 | 556230 | 95.95 |
| | 28.77 | | MACH TOTAL 1.09091 | 550.0 | 492.2 | 97.63 | 1263849 | 1203690 | 9320 | 1194370 | 94.50 |
| 6 | 55.00 | 142 | ELECTRO - IIA A B DI | 68.0 | 62.9 | 100.91 | 327843 | 354880 | 4580 | 350300 | 106.84 |
| 6 | 45.00 | 1000 | O.P. OFFSET | | | | | | 2560 | 2560 | |
| 6 | 38.00 | 1500 | SPEC. JACKSON OFFSET | 225.5 | 207.6 | 100.43 | 1134976 | 1218650 | 1190 | 1217460 | 107.26 |
| 6 | 40.00 | 1503 | J OFFSET | | | | | | | | |
| 6 | 50.00 | 1533 | B W "J" OFFSET | 22.6 | 21.9 | 105.71 | 149513 | 130060 | 8920 | 121140 | 81.02 |
| 6 | 55.00 | 1549 | B W J OFFSET | | | | | | 2170 | 2170 | |
| 6 | 60.00 | 1559 | BW JACKSON OFFSET | 3.9 | 2.6 | 72.73 | 19345 | 16700 | | 16700 | 86.32 |
| 6 | 50.00 | 2507 | SOLITUDE OPAQUE | 8.8 | 4.5 | 55.79 | 31535 | 38000 | | 38000 | 120.50 |
| 6 | 40.00 | 2513 | IHM SUPERIOR OFFSET | 41.8 | 36.2 | 94.48 | 382383 | 187730 | 13190 | 174540 | 45.64 |
| 6 | 50.00 | 3002 | SUPERIOR OFFSET | 10.3 | 9.8 | 103.80 | 66531 | 71150 | | 71150 | 106.94 |
| 6 | 30.00 | 3830 | WHITE BOOKLITE | 59.0 | 54.0 | 99.85 | 215187 | 213780 | 16180 | 197600 | 91.82 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 15.0 | 12.7 | 92.36 | 77503 | 68580 | 18660 | 49920 | 64.41 |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 5.0 | 4.0 | 87.27 | 26265 | 26780 | | 26780 | 101.96 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 26.9 | 25.5 | 103.41 | 174838 | 184240 | | 184240 | 105.37 |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 13.5 | 12.6 | 101.82 | 91773 | 93760 | | 93760 | 102.16 |
| 6 | 45.00 | 7121 | BW K OFFSET - ANTIQU | 43.9 | 40.9 | 101.64 | 268851 | 294690 | | 294690 | 109.61 |
| 6 | 50.00 | 7122 | BW K OFFSET - ANTIQU | 15.9 | 15.5 | 106.35 | 102562 | 109480 | | 109480 | 106.74 |
| | 43.29 | | MACH TOTAL 1.09091 | 560.1 | 510.7 | 99.47 | 3069105 | 3008480 | 67450 | 2941030 | 95.82 |
| 7 | 30.00 | 221 | CAMELIA MATTE 45 | 43.5 | 41.7 | 104.58 | 161776 | 167020 | | 167020 | 103.24 |
| 7 | 32.00 | 1802 | ALLIED PRIDE | 5.8 | 5.1 | 99.92 | 18451 | 24780 | | 24780 | 134.30 |
| 7 | 20.00 | 2007 | BRITE LITE PLUS | 108.9 | 100.1 | 100.28 | 217180 | 194480 | 1630 | 192850 | 88.79 |
| 7 | 30.00 | 2202 | IMPERIAL BIBLE | 13.9 | 11.7 | 91.82 | 49855 | 40810 | | 40810 | 81.85 |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | 10.1 | 9.6 | 103.69 | 23101 | 19500 | 2740 | 16760 | 72.55 |
| 7 | 24.00 | 2232 | LOLLIPOP BIBLE | 33.7 | 32.1 | 103.91 | 96300 | 101840 | 1270 | 100570 | 104.43 |
| 7 | 35.00 | 2241 | LAWYERS OFFSET | 21.1 | 20.6 | 106.51 | 101784 | 119310 | | 119310 | 117.21 |
| 7 | 30.00 | 2430 | PUBLISHERS THIN | 58.2 | 55.4 | 103.84 | 223733 | 257960 | | 257960 | 115.29 |
| 7 | 35.00 | 2521 | AMERICAN HERITAGE DI | | | | | | | | |
| 7 | 50.00 | 2961 | BW G OFFSET | 13.0 | 12.7 | 106.57 | 69432 | 80320 | | 80320 | 115.68 |
| 7 | 40.00 | 3500 | SCHOOL COTE | 37.0 | 36.2 | 106.73 | 172040 | 105750 | 23020 | 82730 | 48.08 |
| 7 | 30.00 | 3830 | WHITE BOOKLITE | 199.1 | 187.9 | 102.95 | 770282 | 798120 | 29170 | 768950 | 99.82 |
| 7 | 35.00 | 3835 | WHITE BOOK LITE | | | | | | 5390 | 5390 | |
| 7 | 50.00 | 7102 | K WHITE OFFSET | 9.5 | 8.8 | 91.87 | 42200 | 38480 | | 38480 | 91.18 |
| | 30.68 | | MACH TOTAL 1.09091 | 553.8 | 521.1 | 102.65 | 1946134 | 1948370 | 63220 | 1885150 | 96.86 |
| 8 | 65.00 | 272 | TYPE IV BASE STOCK L | 13.0 | 12.0 | 100.70 | 46998 | 56840 | | 56840 | 120.94 |
| 8 | 69.00 | 273 | TYPE IV BLADE BASE | 17.7 | 17.3 | 106.63 | 75866 | 84580 | | 84580 | 111.48 |

PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1980

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 60.00 | 276 | TYPE IV BLADE BASE | 151.6 | 140.0 | 100.74 | 664425 | 692530 | 10900 | 681630 | 102.58 |
| 8 | 39.00 | 1203 | A.M. PRIDE | | | | | | | | |
| 8 | 38.00 | 1500 | SPEC. JACKSON OFFSET | 28.2 | 26.7 | 103.29 | 86484 | 125590 | | 125590 | 145.21 |
| 8 | 45.00 | 1510 | B.W. OFFSET MF STD | 6.5 | 2.5 | 41.96 | 13431 | 7570 | | 7570 | 56.36 |
| 8 | 50.00 | 1533 | B W J* OFFSET | 7.5 | 7.5 | 109.09 | 41248 | 44940 | | 44940 | 108.95 |
| 8 | 60.00 | 1559 | BW JACKSON OFFSET | 17.0 | 14.6 | 93.69 | 77875 | 88710 | | 88710 | 113.91 |
| 8 | 30.00 | 1800 | PRIDE OPAQUE | 52.5 | 49.1 | 102.03 | 175420 | 185720 | | 185720 | 105.87 |
| 8 | 40.00 | 1810 | BW PRIDE OPAQUE | 12.6 | 12.1 | 104.76 | 56986 | 53580 | | 53580 | 94.02 |
| 8 | 30.00 | 2202 | IMPERIAL BIBLE | 7.5 | 6.4 | 93.09 | 22077 | 23360 | | 23360 | 105.81 |
| 8 | 30.00 | 2240 | LAWYERS WHITE OFFSET | 35.0 | 31.0 | 96.62 | 110754 | 115860 | | 115860 | 104.61 |
| 8 | 30.00 | 2300 | MERRIAM DICTIONARY | 97.0 | 87.4 | 98.29 | 293508 | 298100 | 23420 | 274680 | 93.58 |
| 8 | 35.00 | 2514 | INTERNATIONAL HARVES | 9.4 | 8.4 | 97.49 | 31752 | 32220 | | 32220 | 101.47 |
| 8 | 45.00 | 3001 | SUPERIOR OFFSET | | | | | | | | |
| 8 | 80.00 | 3400 | END LEAF OFFSET - HI | 20.5 | 18.6 | 98.98 | 95895 | 88190 | 1540 | 86650 | 90.35 |
| 8 | 40.00 | 7000 | CALENDAR PAD OFFSET | 23.1 | 20.2 | 95.40 | 89926 | 86140 | | 86140 | 95.78 |
| 8 | 40.00 | 7100 | K WHITE OFFSET | | | | | | | | |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 22.9 | 19.8 | 94.32 | 112453 | 101800 | | 101800 | 90.52 |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 9.0 | 7.8 | 94.55 | 42980 | 39560 | 880 | 38680 | 90.16 |
| | 48.65 | | MACH TOTAL 1.09091 | 531.0 | 481.4 | 98.90 | 2037998 | 2125290 | 36740 | 2088550 | 102.48 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 45.8 | 38.9 | 91.70 | 164498 | 166700 | | 166700 | 101.33 |
| 9 | 32.00 | 212 | LAUREL TEXT R.S. | 3.8 | 3.2 | 91.87 | 11508 | 13230 | | 13230 | 114.96 |
| 9 | 38.00 | 233 | CAMELIA MATTE R.S. | 116.0 | 94.4 | 88.78 | 364384 | 364770 | | 364770 | 100.10 |
| 9 | 29.00 | 246 | RAM KOTE R.S. | 22.9 | 22.1 | 105.28 | 66997 | 78480 | | 78480 | 117.13 |
| 9 | 30.00 | 1503 | J OFFSET | 153.6 | 137.9 | 97.84 | 574653 | 649670 | 5740 | 643930 | 112.05 |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 57.8 | 56.2 | 106.07 | 188246 | 212690 | | 212690 | 112.98 |
| 9 | 35.00 | 2204 | IMPERIAL BIBLE | 5.0 | 5.0 | 109.09 | 18689 | 20190 | | 20190 | 108.03 |
| 9 | 30.00 | 2503 | SOLITUDE OPAQUE | 6.2 | 5.6 | 98.53 | 17326 | 17000 | | 17000 | 98.11 |
| 9 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 110.7 | 105.1 | 103.57 | 441966 | 491280 | 2520 | 488760 | 110.58 |
| 9 | 30.00 | 2516 | CELLUPAQUE | 22.1 | 18.8 | 92.80 | 61390 | 57010 | 1250 | 55760 | 90.82 |
| 9 | 37.00 | 3037 | CW SUPERIOR OFFSET M | | | | | | | | |
| | 37.59 | | MACH TOTAL 1.09091 | 543.9 | 486.8 | 97.64 | 1909657 | 2071020 | 9510 | 2061510 | 107.95 |
| | | | MILL TOTAL | 2738.82 | 492.2 | 99.27 | 10226743 | 10356850 | 186240 | 10170610 | 99.45 |
| 10 | 20.00 | 2000 | BRITE LITE THIN | 85.8 | 79.2 | 103.04 | 145975 | 151575 | 900 | 150675 | 103.21 |
| 10 | 20.00 | 2011 | ZONDERLITE 84 | 51.0 | 46.6 | 102.00 | 80596 | 82790 | 3580 | 79210 | 98.28 |
| 10 | 21.00 | 2215 | NELTEXT - T. NELSON | 85.5 | 77.1 | 100.66 | 156908 | 159940 | 6250 | 153690 | 97.94 |
| 10 | 21.00 | 2217 | IMPERIAL BIBLE EXTRA | 62.0 | 45.0 | 81.02 | 90716 | 101850 | 13240 | 88610 | 97.67 |
| 10 | 21.00 | 2223 | NATO TEXT BIBLE 80 | 192.5 | 176.0 | 102.06 | 364944 | 370075 | 21050 | 349025 | 95.63 |
| 10 | 24.00 | 2224 | NATO TEXT "80" | 38.7 | 30.4 | 87.69 | 61283 | 45570 | 1280 | 44290 | 72.27 |
| 10 | 21.00 | 2412 | NATO TEXT BIBLE | | | | | | | | |
| 10 | 21.00 | 2421 | NATO TEXT 378 BIBLE | | | | | | | | |
| | 20.89 | | MACH TOTAL 1.11628 | 515.5 | 454.3 | 98.38 | 900422 | 911800 | 46300 | 865500 | 96.12 |
| 11 | 35.00 | 1805 | ALLIED PRIDE | 51.7 | 43.6 | 94.14 | 103172 | 116530 | 15590 | 100940 | 97.83 |
| 11 | 35.00 | 2204 | IMPERIAL BIBLE | 40.8 | 38.5 | 105.34 | 88056 | 98110 | | 98110 | 111.41 |
| 11 | 24.00 | 2210 | IMPERIAL BIBLE EF NA | 54.2 | 45.0 | 92.68 | 74817 | 76135 | 10040 | 66095 | 88.34 |
| 11 | 22.00 | 2413 | NATO TEXT BIBLE | | | | | | | | |

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 26.00 | 2426 | SHAKESPEARE THIN | 145.8 | 126.4 | 96.77 | 240303 | 237265 | 1330 | 235935 | 98.18 |
| 11 | | 5000 | CARBON TISSUE | | | | | | | | |
| 11 | 21.50 | 6400 | CIGARETTE TIPPING - | | | | | | | | |
| 11 | 16.25 | 6700 | CRIMPING WRAP | 67.5 | 54.8 | 90.63 | 87680 | 82770 | | 82770 | 94.40 |
| 11 | 17.00 | 6717 | WHITE CRIMPING PAPER | 75.5 | 62.2 | 91.96 | 104075 | 104695 | | 104695 | 100.59 |
| 11 | 18.00 | 6720 | PLUG WRAP | 88.0 | 66.6 | 84.48 | 102454 | 75335 | | 75335 | 73.53 |
| 11 | | 6805 | SUP, PINK P05-12900- | | | | | | | | |
| 11 | | 6923 | RELY MAKER DBLE: WI | | | | | | | | |
| | 25.28 | | MACH TOTAL 1.11628 | 523.5 | 437.1 | 93.20 | 800557 | 790840 | 26960 | 763880 | 95.41 |
| | | | MILL TOTAL | 1039.0 | 891.4 | 95.77 | 1700979 | 1702640 | 73260 | 1629380 | 95.79 |
| 15 | 78.00 | 526 | ELECTROSTATIC -A B D | 159.0 | 142.4 | 98.82 | 537421 | 543010 | 28670 | 514340 | 95.70 |
| | 78.00 | | MACH TOTAL 1.10345 | 159.0 | 142.4 | 98.82 | 537421 | 543010 | 28670 | 514340 | 95.70 |
| 17 | 45.00 | 802 | LAUREL TEXT | | | | | | | | |
| 17 | 50.00 | 803 | LAUREL TEXT | 18.0 | 14.0 | 85.82 | 130569 | 130650 | | 130650 | 100.06 |
| 17 | 60.00 | 805 | LAUREL TEXT | .7 | .5 | 78.82 | 6453 | 5500 | | 5500 | 85.23 |
| 17 | 40.00 | 821 | CAMELIA MATTE | 53.9 | 23.6 | 48.31 | 197709 | 151930 | 5050 | 146880 | 74.29 |
| 17 | 50.00 | 833 | CAMELIA MATTE | 74.8 | 45.7 | 67.42 | 406047 | 381110 | 12450 | 368660 | 90.79 |
| 17 | 91.00 | 872 | DRY TONER TYPE IV | 41.4 | 27.5 | 73.30 | 439418 | 104800 | | 104800 | 23.84 |
| 17 | 91.00 | 873 | LIQUID TONER BASE TY | 21.6 | 14.7 | 75.10 | 91399 | 82660 | | 82660 | 90.43 |
| 17 | 86.00 | 876 | ELECTROSTATIC TYPE I | 175.3 | 136.1 | 85.67 | 802458 | 650320 | 4050 | 646270 | 80.53 |
| | 69.78 | | MACH TOTAL 1.10345 | 385.7 | 262.1 | 74.98 | 2074052 | 1506970 | 21550 | 1485420 | 71.61 |

FORM 6183

SB 035808

A4P560

Q7 16

PROGRAM: A4PS33C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 07/30/80 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 2202 | IMPERIAL BIBLE | 600 | 600 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 2213 | ANDERPAQUE BIBLE | 600 | 620 | 3 | 103.33 |
| | | | | | 3 | 103.33 |
| | 2219 | SPEC. IMP. BIBLE | 600 | 600 | 2 | 100.00 |
| | | | 600 | 640 | 9 | 106.66 |
| | | | | | 11 | 105.44 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 620 | 620 | 6 | 100.00 |
| | | | 620 | 650 | 1 | 104.83 |
| | | | | | 7 | 100.69 |
| | 2228 | CW IMPERIAL BIBLE | 600 | 590 | 1 | 98.33 |
| | | | 600 | 600 | 3 | 100.00 |
| | | | | | 4 | 99.58 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 600 | 560 | 2 | 93.33 |
| | | | 600 | 600 | 1 | 100.00 |
| | | | 600 | 620 | 4 | 103.33 |
| | | | 600 | 650 | 7 | 108.33 |
| | | | | | 14 | 104.16 |
| | 2513 | IBM SUPERIOR OFFSET | 530 | 560 | 7 | 105.66 |
| | | | 540 | 570 | 1 | 105.55 |
| | | | 530 | 600 | 1 | 113.20 |
| | | | 530 | 650 | 2 | 122.64 |
| | | | | | 11 | 109.42 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 580 | 580 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2528 | A H DICTIONARY | 600 | 570 | 1 | 95.00 |
| | | | 600 | 600 | 28 | 100.00 |
| | | | | | 29 | 99.82 |
| | | | | | | 102.80 |

58 053810

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A B DICK 85 | 500 | 500 | 13 | 100.00 |
| | | | | | 13 | 100.00 |
| | 1500 | SPEC. JACKSON OFFSET | 750 | 740 | 17 | 98.66 |
| | | | 750 | 750 | 17 | 100.00 |
| | | | | | 34 | 99.33 |
| | 1533 | B W "J" OFFSET | 680 | 680 | 1 | 100.00 |
| | | | 700 | 700 | 3 | 100.00 |
| | | | 700 | 780 | 1 | 111.42 |
| | | | | | 5 | 102.28 |
| | 1559 | BW JACKSON OFFSET | 620 | 620 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2507 | SOLITUDE OPAQUE | 680 | 700 | 2 | 102.94 |
| | | | | | 2 | 102.94 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | 740 | 8 | 100.00 |
| | | | | | 8 | 100.00 |
| | 3002 | SUPERIOR OFFSET | 700 | 700 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 3830 | WHITE BOOKLITE | 750 | 750 | 6 | 100.00 |
| | | | 750 | 780 | 4 | 104.00 |
| | | | | | 10 | 101.60 |
| | 7100 | K WHITE OFFSET | 740 | 740 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 7101 | K WHITE OFFSET | 720 | 720 | 1 | 100.00 |
| | | | | | 1 | 100.00 |
| | 7102 | K WHITE OFFSET | 700 | 620 | 1 | 88.57 |
| | | | 700 | 700 | 7 | 100.00 |
| | | | | | 8 | 98.57 |
| | 7104 | K WHITE OFFSET | 620 | 620 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 7121 | BW K OFFSET - ANTIQUE | 710 | 700 | 5 | 98.59 |
| | | | 710 | 720 | 2 | 101.40 |
| | | | | | 7 | 99.39 |
| | 7122 | BW K OFFSET - ANTIQUE | 660 | 700 | 5 | 106.06 |
| | | | | | 5 | 106.06 |
| | | | | | | 100.24 |

SD 053811

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 272 | TYPE IV BASE STOCK LIQ. TONER | 360 | 460 | 4 | 127.77 |
| | | | | | 4 | 127.77 |
| | 273 | TYPE IV BLADE BASE | 360 | 420 | 3 | 116.66 |
| | | | | | 3 | 116.66 |
| | 276 | TYPE IV BLADE BASE | 480 | 500 | 31 | 104.16 |
| | | | | | 31 | 104.16 |
| | 1500 | SPEC. JACKSON OFFSET | 560 | 750 | 2 | 133.92 |
| | | | 560 | 760 | 3 | 135.71 |
| | | | | | 5 | 134.99 |
| | 1510 | H.W. OFFSET MF STD | 700 | 750 | 1 | 107.14 |
| | | | | | 1 | 107.14 |
| | 1533 | B W "J" OFFSET | 730 | 760 | 2 | 104.10 |
| | | | | | 2 | 104.10 |
| | 1559 | BW JACKSON OFFSET | 600 | 650 | 3 | 108.33 |
| | | | | | 3 | 108.33 |
| | 1800 | PRIDE OPAQUE | 730 | 700 | 1 | 95.89 |
| | | | 730 | 770 | 3 | 105.47 |
| | | | 730 | 780 | 4 | 106.84 |
| | | | | | 8 | 104.95 |
| | 1810 | BW PRIDE OPAQUE | 720 | 750 | 2 | 104.16 |
| | | | | | 2 | 104.16 |
| | 2202 | IMPERIAL BIBLE | 730 | 770 | 1 | 105.47 |
| | | | | | 1 | 105.47 |
| | 2240 | LAWYERS WHITE OFFSET | 730 | 770 | 5 | 105.47 |
| | | | 730 | 780 | 1 | 106.84 |
| | | | | | 6 | 105.69 |
| | 2300 | MERRIAM DICTIONARY | 700 | 750 | 9 | 107.14 |
| | | | 730 | 770 | 4 | 105.47 |
| | | | 700 | 780 | 3 | 111.42 |
| | | | | | 16 | 107.52 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 730 | 770 | 2 | 105.47 |
| | | | | | 2 | 105.47 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 380 | 400 | 1 | 105.26 |
| | | | 400 | 410 | 5 | 102.50 |
| | | | 380 | 420 | 1 | 110.52 |
| | | | | | 7 | 104.04 |

SD 053812

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | 7000 | CALENDAR PAD OFFSET | 700 | 750 | 3 | 107.14 |
| | | | 700 | 780 | 3 | 111.42 |
| | | | | | 6 | 109.28 |
| | 7102 | K WHITE OFFSET | 700 | 720 | 1 | 102.85 |
| | | | 730 | 730 | 2 | 100.00 |
| | | | 700 | 750 | 3 | 107.14 |
| | | | | | 6 | 104.04 |
| | 7104 | K WHITE OFFSET | 590 | 600 | 1 | 101.69 |
| | | | 590 | 630 | 2 | 106.77 |
| | | | 590 | 650 | 1 | 110.16 |
| | | | | | 4 | 106.34 |
| | | | | | | 108.01 |

SD 85381

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 720 | 700 | 1 | 97.22 |
| | | | 720 | 730 | 2 | 101.38 |
| | | | 720 | 740 | 4 | 102.77 |
| | | | 720 | 760 | 2 | 105.55 |
| | | | 720 | 780 | 1 | 108.33 |
| | | | | | 10 | 103.04 |
| | 212 | LAUREL TEXT R.S. | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 233 | CAMELIA MATTE R.S. | 720 | 740 | 16 | 102.77 |
| | | | | | 16 | 102.77 |
| | 246 | PAM KOTE R.S. | 700 | 760 | 4 | 108.57 |
| | | | | | 4 | 108.57 |
| | 1503 | J OFFSET | 670 | 700 | 3 | 104.47 |
| | | | 670 | 730 | 1 | 108.95 |
| | | | 670 | 740 | 19 | 110.44 |
| | | | | | 23 | 109.59 |
| | 1900 | PRIDE OPAQUE | 720 | 760 | 10 | 105.55 |
| | | | | | 10 | 105.55 |
| | 2204 | IMPERIAL BIBLE | 720 | 760 | 2 | 105.55 |
| | | | | | 2 | 105.55 |
| | 2503 | SOLITUDE OPAQUE | 700 | 730 | 3 | 104.28 |
| | | | | | 3 | 104.28 |
| | 2513 | IHM SUPERIOR OFFSET | 700 | 730 | 2 | 104.28 |
| | | | 700 | 740 | 17 | 105.71 |
| | | | 700 | 750 | 4 | 107.14 |
| | | | | | 23 | 105.83 |
| | 2516 | CELLUPAQUE | 720 | 740 | 1 | 102.77 |
| | | | 720 | 760 | 3 | 105.55 |
| | | | 720 | 780 | 1 | 108.33 |
| | | | | | 5 | 105.55 |
| | | | | | | 105.94 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2000 | BRITE LITE THIN | 650 | 700 | 13 | 107.69 |
| | | | | | 13 | 107.69 |
| | 2011 | ZONDERLITE 84 | 650 | 700 | 6 | 107.69 |
| | | | 650 | 740 | 2 | 113.84 |
| | | | | | 8 | 109.22 |
| | 2215 | NELTEXT - T. NELSON | 650 | 700 | 8 | 107.69 |
| | | | 650 | 725 | 3 | 111.53 |
| | | | 650 | 740 | 1 | 113.84 |
| | | | | | 12 | 109.16 |
| | 2217 | IMPERIAL BIBLE EXTRA WHITE | 650 | 700 | 9 | 107.69 |
| | | | 650 | 740 | 1 | 113.84 |
| | | | | | 10 | 108.30 |
| | 2223 | NATO TEXT BIBLE 80 | 650 | 620 | 1 | 95.38 |
| | | | 650 | 700 | 26 | 107.69 |
| | | | | | 27 | 107.23 |
| | 2224 | NATO TEXT "80" | 620 | 620 | 3 | 100.00 |
| | | | 620 | 650 | 1 | 104.83 |
| | | | 620 | 700 | 1 | 112.90 |
| | | | | | 5 | 103.54 |
| | | | | | | 107.73 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 1805 | ALLIED PRIDE | 470 | 510 | 1 | 108.51 |
| | | | 470 | 570 | 6 | 121.27 |
| | | | | | 7 | 119.44 |
| | 2204 | IMPERIAL BIBLE | 470 | 540 | 3 | 114.89 |
| | | | 470 | 570 | 4 | 121.27 |
| | | | | | 7 | 118.5[illegible] |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 561 | 640 | 8 | 114.28 |
| | | | | | 9 | 114.28 |
| | 2426 | SHAKESPEARE THIN | 530 | 580 | 7 | 109.43 |
| | | | 530 | 600 | 4 | 113.20 |
| | | | 530 | 620 | 6 | 116.98 |
| | | | 530 | 670 | 1 | 126.41 |
| | | | 530 | 700 | 1 | 132.07 |
| | | | | | 19 | 114.69 |
| | 6700 | CRIMPING WRAP | 700 | 720 | 7 | 102.85 |
| | | | 700 | 740 | 2 | 105.71 |
| | | | | | 9 | 103.48 |
| | 6717 | WHITE CRIMPING PAPER | 700 | 710 | 6 | 101.42 |
| | | | 700 | 720 | 4 | 102.85 |
| | | | | | 10 | 101.99 |
| | 6720 | PLUG WRAP | 640 | 620 | 9 | 96.87 |
| | | | 640 | 650 | 1 | 101.56 |
| | | | 600 | 670 | 1 | 111.66 |
| | | | | | 11 | 98.64 |
| | | | | | | 109.79 |

SD 058816

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 526 | ELECTROSTATIC -A B DICK | 510 | | 18 | |
| | | | | | 18 | |

218859 85

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1250 | | 5<br>5 | |
| | 805 | LAUREL TEXT | 1250 | | 1<br>1 | |
| | 821 | CAMELIA MATTE | 1250 | | 9<br>9 | |
| | 833 | CAMELIA MATTE | 1300 | | 12<br>12 | |
| | 872 | DRY TONER TYPE IV | 1100 | | 4<br>4 | |
| | 873 | LIQUID TONER BASE TYPE IV | 425 | | 4<br>4 | |
| | 876 | ELECTROSTATIC TYPE IV | 450 | | 31<br>31 | |

SD 053818

```
***  SORT/MERGE 5746-SM2, REL 1, MOD 0, PTF 04,  DATE 07/30/80
7B00I  OPTION ROUTE=LST                                                  0010
7B00I  SORT FIELDS=(15,2,ZD,A,19,4,ZD,A,48,2,PD,D),WORK=1,FILES=1      $SLIR011
7B00I  RECORD TYPE=F,LENGTH=(80,,80)                                     0012
7B00I  INPFIL BLKSIZE=4080                                               0013
7B00I  OUTFIL BLKSIZE=4080                                               0014
7B00I  END                                                               0015

7J03I SORT  COMPLETE, IN 711, OUT 711.
```

SD 053819

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 07/30/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 5 | 2202 | IMPERIAL BIBLE | 110 | 104 | 1 | 94.54 |
| | | | | | 1 | 94.54 |
| | 2213 | ANDERPAQUE BIBLE | 105 | 110 | 3 | 104.76 |
| | | | | | 3 | 104.76 |
| | 2219 | SPEC. IMP. BIBLE | 114 | 99 | 11 | 83.89 |
| | | | | | 11 | 83.89 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 104 | 7 | 101.96 |
| | | | | | 7 | 101.96 |
| | 2228 | CW IMPERIAL BIBLE | 112 | 112 | 4 | 100.00 |
| | | | | | 4 | 100.00 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 102 | 114 | 12 | 111.76 |
| | | | 102 | 111 | 2 | 108.82 |
| | | | | | 14 | 111.34 |
| | 2513 | 18# SUPERIOR OFFSET | 110 | 105 | 11 | 95.45 |
| | | | | | 11 | 95.45 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 104 | 2 | 99.04 |
| | | | | | 2 | 99.04 |
| | 2528 | A W DICTIONARY | 110 | 121 | 29 | 110.00 |
| | | | | | 29 | 110.00 |
| | | | | 113 | | 102.95 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 6 | 142 | ELECTRO - IIA A H DICK RS | 144 | 139 | 3 | 96.52 |
| | | | 144 | 133 | 10 | 92.36 |
| | | | | | 13 | 93.32 |
| | 1500 | SPEC. JACKSON OFFSET | 136 | 136 | 34 | 100.00 |
| | | | | | 34 | 100.00 |
| | 1533 | B W [illegible] OFFSET | 142 | 143 | 1 | 100.70 |
| | | | 142 | 142 | 1 | 100.00 |
| | | | 142 | 138 | 3 | 97.18 |
| | | | | | 5 | 98.44 |
| | 1553 | BW JACKSON OFFSET | 142 | 142 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 2507 | SOLITUDE OPAQUE | 140 | 146 | 2 | 104.28 |
| | | | | | 2 | 104.28 |
| | 2513 | IBM SUPERIOR OFFSET | 140 | 740 | 1 | 528.57 |
| | | | 140 | 140 | 7 | 100.00 |
| | | | | | 8 | 153.57 |
| | 3002 | SUPERIOR OFFSET | 142 | 140 | 1 | 98.59 |
| | | | 142 | 137 | 2 | 96.47 |
| | | | | | 3 | 97.17 |
| | 3830 | WHITE BOOKLITE | 138 | 125 | 10 | 90.57 |
| | | | | | 10 | 90.57 |
| | 7100 | K WHITE OFFSET | 142 | 146 | 3 | 102.81 |
| | | | | | 3 | 102.81 |
| | 7101 | K WHITE OFFSET | 142 | 144 | 1 | 101.40 |
| | | | | | 1 | 101.40 |
| | 7102 | K WHITE OFFSET | 142 | 141 | 2 | 99.29 |
| | | | 142 | 140 | 1 | 98.59 |
| | | | 142 | 139 | 2 | 97.88 |
| | | | 142 | 138 | 3 | 97.18 |
| | | | | | 8 | 98.05 |
| | 7104 | K WHITE OFFSET | 142 | 139 | 2 | 97.88 |
| | | | | | 2 | 97.88 |
| | 7121 | BW K OFFSET - ANTIQUE | 142 | 147 | 6 | 103.52 |
| | | | 142 | 138 | 1 | 97.18 |
| | | | | | 7 | 102.61 |
| | 7122 | BW K OFFSET - ANTIQUE | 142 | 141 | 2 | 99.29 |

SQ 0538221

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 3
RUN DATE: 07/30/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 142 | 138 | 3 | 97.18 |
| | | | | | 5 | 98.02 |
| | | | | 143 | | 102.31 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7 | 221 | CAMELIA MATTE P5 | 126 | 122 | 7 | 96.82 |
| | | | | | 7 | 96.82 |
| | 1902 | ALLIED PRIDE | 105 | 134 | 1 | 127.61 |
| | | | | | 1 | 127.61 |
| | 2007 | BRITE LITE PLUS | 132 | 120 | 1 | 90.90 |
| | | | 132 | 119 | 14 | 90.15 |
| | | | | | 15 | 90.20 |
| | 2202 | IMPERIAL BIBLE | 134 | 134 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 128 | 2 | 96.96 |
| | | | | | 2 | 96.96 |
| | 2232 | LOLLIPOP BIBLE | 134 | 125 | 5 | 93.28 |
| | | | | | 5 | 93.28 |
| | 2241 | LAWYERS OFFSET | 134 | 135 | 3 | 100.74 |
| | | | | | 3 | 100.74 |
| | 2430 | PUBLISHERS THIN | 132 | 127 | 8 | 96.21 |
| | | | | | 8 | 96.21 |
| | 2961 | HW G OFFSET | 136 | 134 | 2 | 98.52 |
| | | | | | 2 | 98.52 |
| | 3500 | SCHOOL COTE | 120 | 124 | 7 | 103.33 |
| | | | | | 7 | 103.33 |
| | 3830 | WHITE BOOKLITE | 134 | 131 | 20 | 97.76 |
| | | | 134 | 125 | 11 | 93.28 |
| | | | | | 31 | 96.17 |
| | 7102 | K WHITE OFFSET | 136 | 125 | 2 | 91.91 |
| | | | | | 2 | 91.91 |
| | | | | 127 | | 96.23 |

58 053823

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 8 | 272 | TYPE IV BASE STOCK LIQ. TONER | 124 | 119 | 2 | 95.96 |
| | | | 124 | 118 | 2 | 95.16 |
| | | | | | 4 | 95.56 |
| | 273 | TYPE IV BLADE BASE | 124 | 118 | 2 | 95.16 |
| | | | 124 | 114 | 1 | 91.93 |
| | | | | | 3 | 94.08 |
| | 276 | TYPE IV BLADE BASE | 124 | 120 | 1 | 96.77 |
| | | | 124 | 119 | 4 | 95.96 |
| | | | 124 | 118 | 6 | 95.16 |
| | | | 124 | 115 | 1 | 92.74 |
| | | | 124 | 114 | 17 | 91.93 |
| | | | 124 | 109 | 2 | 87.90 |
| | | | | | 31 | 92.99 |
| | 1500 | SPEC. JACKSON OFFSET | 103 | 109 | 4 | 105.82 |
| | | | 103 | 104 | 1 | 100.97 |
| | | | | | 5 | 104.85 |
| | 1510 | B.W. OFFSET MF STD | 106 | 121 | 1 | 114.15 |
| | | | | | 1 | 114.15 |
| | 1533 | B W "J" OFFSET | 105 | 107 | 2 | 100.94 |
| | | | | | 2 | 100.94 |
| | 1559 | BW JACKSON OFFSET | 105 | 105 | 3 | 100.00 |
| | | | | | 3 | 100.00 |
| | 1800 | PRIDE OPAQUE | 110 | 116 | 8 | 105.45 |
| | | | | | 8 | 105.45 |
| | 1810 | BW PRIDE OPAQUE | 110 | 116 | 2 | 105.45 |
| | | | | | 2 | 105.45 |
| | 2202 | IMPERIAL BIBLE | 110 | 112 | 1 | 101.81 |
| | | | | | 1 | 101.81 |
| | 2240 | LAWYERS WHITE OFFSET | 116 | 116 | 6 | 100.00 |
| | | | | | 6 | 100.00 |
| | 2300 | MERRIAM DICTIONARY | 112 | 111 | 16 | 99.10 |
| | | | | | 16 | 99.10 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 105 | 2 | 100.00 |
| | | | | | 2 | 100.00 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 121 | 2 | 100.83 |
| | | | 120 | 118 | 1 | 98.33 |

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 6
RUN DATE: 07/30/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | | 120 | 116 | 1 | 96.66 |
| | | | 120 | 114 | 1 | 95.00 |
| | | | 120 | 110 | 2 | 91.66 |
| | | | | | 7 | 96.42 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 5 | 103.63 |
| | | | 110 | 107 | 1 | 97.27 |
| | | | | | 6 | 102.57 |
| | 7102 | K WHITE OFFSET | 110 | 114 | 4 | 103.63 |
| | | | 110 | 112 | 2 | 101.81 |
| | | | | | 6 | 103.02 |
| | 7104 | K WHITE OFFSET | 110 | 115 | 2 | 104.54 |
| | | | 110 | 100 | 2 | 90.90 |
| | | | | | 4 | 97.72 |
| | | | | 113 | | 98.40 |

05X825 85

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 118 | 2 | 113.46 |
| | | | 104 | 109 | 2 | 104.80 |
| | | | 104 | 108 | 6 | 103.84 |
| | | | | | 10 | 105.95 |
| | 212 | LAUREL TEXT R.S. | 104 | 111 | 2 | 106.73 |
| | | | | | 2 | 106.73 |
| | 233 | CAMELIA MATTE R.S. | 104 | 100 | 16 | 96.15 |
| | | | | | 16 | 96.15 |
| | 246 | RAM COTE R.S. | 104 | 106 | 4 | 101.92 |
| | | | | | 4 | 101.92 |
| | 1503 | J OFFSET | 105 | 111 | 1 | 105.71 |
| | | | 105 | 110 | 12 | 104.76 |
| | | | 105 | 107 | 4 | 101.90 |
| | | | 105 | 105 | 6 | 100.00 |
| | | | | | 23 | 103.06 |
| | 1800 | PRIDE OPAQUE | 110 | 113 | 3 | 102.72 |
| | | | 110 | 110 | 3 | 100.00 |
| | | | 110 | 109 | 2 | 99.09 |
| | | | 110 | 100 | 2 | 90.90 |
| | | | | | 10 | 98.81 |
| | 2204 | IMPERIAL BIBLE | 110 | 105 | 2 | 95.45 |
| | | | | | 2 | 95.45 |
| | 2503 | SOLITUDE OPAQUE | 110 | 107 | 1 | 97.27 |
| | | | 110 | 101 | 2 | 91.81 |
| | | | | | 3 | 93.63 |
| | 2513 | IPI SUPERIOR OFFSET | 110 | 116 | 2 | 105.45 |
| | | | 110 | 113 | 2 | 102.72 |
| | | | 110 | 107 | 7 | 97.27 |
| | | | 110 | 105 | 9 | 95.45 |
| | | | 110 | 91 | 3 | 82.72 |
| | | | | | 23 | 95.84 |
| | 2516 | CELLUPAQUE | 114 | 112 | 2 | 98.24 |
| | | | 114 | 105 | 3 | 92.10 |
| | | | | | 5 | 94.55 |
| | | | | 107 | | 99.25 |

SR 057826

PROGRAM: A4PS34C1 S C M A L L I E D P A P E R I N C. PAGE 8
RUN DATE: 07/30/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 10 | 2000 | BRITE LITE THIN | 105 | 107 | 4 | 101.90 |
| | | | 105 | 101 | 6 | 96.19 |
| | | | 105 | 93 | 3 | 88.57 |
| | | | | | 13 | 96.18 |
| | 2011 | ZONDERLITE 84 | 105 | 94 | 8 | 89.52 |
| | | | | | 8 | 89.52 |
| | 2215 | NELTEXT - T. NELSON | 102 | 106 | 12 | 103.92 |
| | | | | | 12 | 103.92 |
| | 2217 | IMPERIAL BIBLE EXTRA WHITE | 105 | 105 | 10 | 100.00 |
| | | | | | 10 | 100.00 |
| | 2223 | NATO TEXT BIBLE 80 | 106 | 108 | 27 | 101.88 |
| | | | | | 27 | 101.88 |
| | 2224 | NATO TEXT "80" | 102 | 96 | 5 | 94.11 |
| | | | | | 5 | 94.11 |
| | | | | 104 | | 99.13 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 11 | 1005 | ALLIED PRIDE | 101 | 102 | 7 | 100.99 |
| | | | | | 7 | 100.99 |
| | 2204 | IMPERIAL BIBLE | 102 | 100 | 4 | 98.03 |
| | | | 102 | 96 | 3 | 94.11 |
| | | | | | 7 | 96.35 |
| | 2210 | IMPERIAL BIBLE EF NAT PUB | 96 | 91 | 4 | 94.79 |
| | | | 96 | 85 | 4 | 88.54 |
| | | | | | 8 | 91.66 |
| | 2426 | SHAKESPEARE THIN | 102 | 98 | 19 | 96.07 |
| | | | | | 19 | 96.07 |
| | 6700 | CRIMPING WRAP | 100 | 100 | 9 | 100.00 |
| | | | | | 9 | 100.00 |
| | 6717 | WHITE CRIMPING PAPER | 100 | 100 | 6 | 100.00 |
| | | | 100 | 99 | 4 | 99.00 |
| | | | | | 10 | 99.60 |
| | 6720 | PLUG WRAP | 100 | 100 | 8 | 100.00 |
| | | | 100 | 98 | 3 | 98.00 |
| | | | | | 11 | 99.45 |
| | | | | 98 | | 97.60 |

PROGRAM: A4PS34C1 S C H A L L I E D P A P E R I N C. PAGE 10
RUN DATE: 07/30/80 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 15 | 525 | ELECTROSTATIC -A B DICK | 72 | 70 | 2 | 97.22 |
| | | | 72 | 67 | 16 | 93.05 |
| | | | | | 18 | 93.51 |
| | | | | 67 | | 93.51 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1980

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | EFFICIENCY |
|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 107 | 1 | 104.90 |
| | | | 102 | 105 | 4 | 102.94 |
| | | | | | 5 | 103.33 |
| | 805 | LAUREL TEXT | 102 | 122 | 1 | 119.60 |
| | | | | | 1 | 119.60 |
| | 821 | CAMELIA MATTE | 102 | 119 | 9 | 116.66 |
| | | | | | 9 | 116.66 |
| | 833 | CAMELIA MATTE | 102 | 97 | 12 | 95.09 |
| | | | | | 12 | 95.09 |
| | 872 | DRY TONER TYPE IV | 102 | 116 | 4 | 113.72 |
| | | | 102 | 113 | 3 | 110.78 |
| | | | 102 | 111 | 1 | 108.82 |
| | | | 102 | 109 | 1 | 106.86 |
| | | | | | 9 | 111.43 |
| | 873 | LIQUID TONER BASE TYPE IV | 102 | 116 | 2 | 113.72 |
| | | | 102 | 112 | 2 | 109.80 |
| | | | | | 4 | 111.76 |
| | 876 | ELECTROSTATIC TYPE IV | 102 | 117 | 5 | 114.70 |
| | | | 102 | 116 | 2 | 113.72 |
| | | | 102 | 115 | 5 | 112.74 |
| | | | 102 | 114 | 2 | 111.76 |
| | | | 102 | 112 | 13 | 109.80 |
| | | | 102 | 111 | 1 | 108.82 |
| | | | 102 | 106 | 3 | 103.92 |
| | | | | | 31 | 110.84 |
| | | | | 109 | | 108.63 |

# Midco Pipe & Tube, Inc.

## THE MASTER DISTRIBUTOR

CARBON•ALLOY•STAINLESS
PIPE•TUBING•VALVES•FLANGES•FITTINGS

**CORPORATE HQTRS – MIDWEST**
P.O Box 937 Bensenville, IL 60106
(312) 766-6000 IL 800-942-2480
U S. 800-323-2527

Date_____

**MEMO TO** .....

**SUBJECT** .....

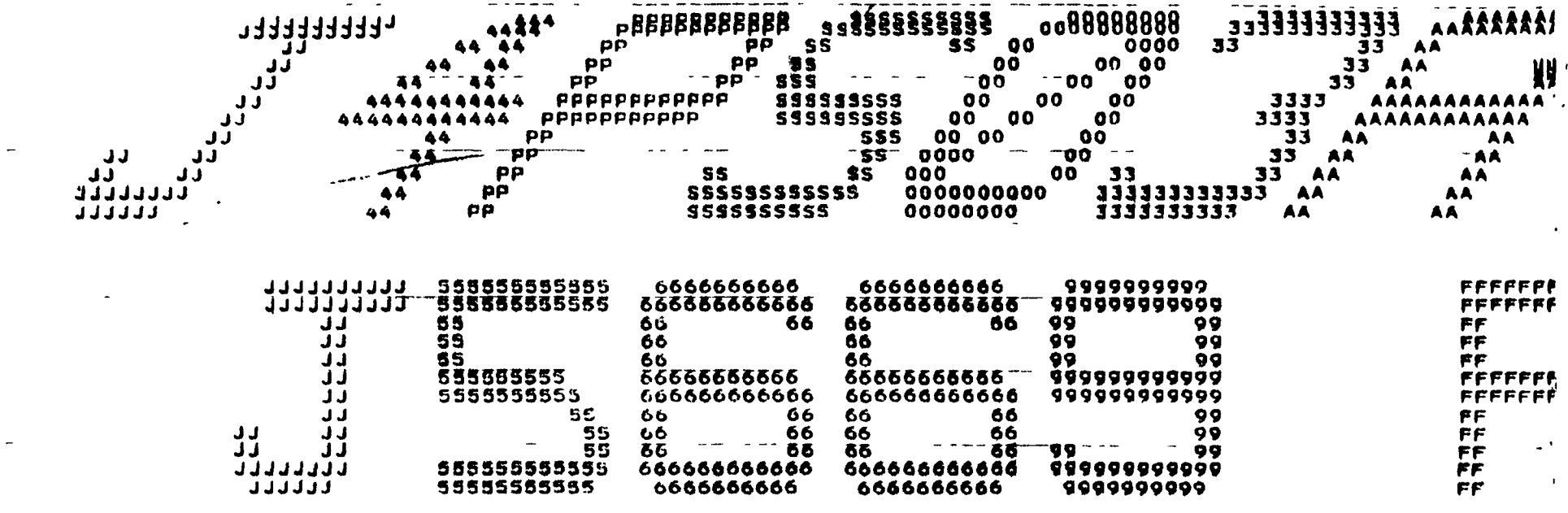
| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30.00 | 1100 | BW RAMTEXT NEW SHAD | 197.5 | 182.4 | 100.75 | 486615 | 528750 | 5530 | 523220 | 107.74 | |
| 35.00 | 1205 | A. M. PRIDE | | | | | | 3400 | 3400- | | |
| 40.00 | 1206 | SPEC A.M. PRIDE | 40.0 | 39.0 | 106.36 | 118659 | 125160 | 9245 | 115915 | 97.69 | |
| 45.00 | 1207 | A 7 PRIDE | 1.8 | 1.4 | 84.85 | 4792 | 6600 | | 6600 | 137.73 | |
| 30.00 | 1800 | PRIDE OPAQUE | 1.0 | 1.0 | 109.09 | 2508 | 3940 | 3730 | 210 | 8.37 | |
| 33.00 | 1803 | ALLIED PRIDE | 7.7 | 6.7 | 94.92 | 18314 | 18390 | 2520 | 15870 | 86.66 | |
| 35.00 | 1805 | ALLIED PRIDE | 22.6 | 22.0 | 106.19 | 62619 | 70830 | | 70830 | 113.11 | |
| 40.00 | 1810 | BW PRIDE OPAQUE | | | | | | | | | |
| 28.00 | 2101 | BRITISH OPAQUE | 15.4 | 14.6 | 103.42 | 40224 | 42320 | | 42320 | 105.21 | |
| 25.00 | 2200 | IMPERIAL BIBLE | 35.0 | 34.4 | 107.22 | 85518 | 87040 | 4170 | 82870 | 96.90 | |
| 24.00 | 2208 | NEWTEXT BIBLE | 72.8 | 63.0 | 94.41 | 135471 | 144220 | 1310 | 142910 | 105.49 | |
| 20.00 | 2221 | EXTRA WH IMPERIAL B | 46.7 | 44.8 | 103.95 | 86150 | 94040 | 5770 | 88270 | 102.46 | |
| 35.00 | 2241 | LAWYERS OFFSET | 19.3 | 18.9 | 106.83 | 56744 | 58560 | | 58560 | 103.20 | |
| 40.00 | 2505 | SOLITUDE OPAQUE | 29.5 | 28.6 | 105.76 | 91891 | 99850 | 2660 | 97190 | 105.77 | |
| 35.00 | 2514 | INTERNATIONAL HARVE | 8.0 | 6.6 | 90.00 | 19815 | 23190 | | 23190 | 117.03 | |
| 21.00 | 2541 | A P LIGHTWEIGHT TY | 224.2 | 208.6 | 101.50 | 416151 | 439010 | 7250 | 431760 | 103.75 | |
| 35.00 | 2545 | A.P. LIGHTWEIGHT | 9.8 | 9.5 | 105.75 | 27729 | 30290 | | 30290 | 109.24 | |
| 35.00 | 3835 | WHITE BOOK LITE | 25.1 | 23.9 | 103.88 | 69762 | 80640 | | 80640 | 115.59 | |
| 23.00 | 6723 | COMBINER WRAP (ATC) | 37.2 | 36.7 | 107.62 | 66629 | 64020 | | 64020 | 96.08 | |
| 45.00 | 7121 | B.W. K OFFSET - ANT | 11.9 | 11.4 | 104.51 | 37164 | 42120 | 860 | 41260 | 111.02 | |
| 18.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| 28.79 | | MACH TOTAL 1.09091 | 805.5 | 753.2 | 102.01 | 1825755 | 1958970 | 46445 | 1912525 | 104.75 | 106.86 |
| 40.00 | 1206 | SPEC A.M. PRIDE | 164.8 | 152.1 | 100.68 | 864185 | 886825 | 2440 | 884385 | 102.34 | |
| 45.00 | 1207 | A 7 PRIDE | 19.4 | 17.4 | 97.84 | 113029 | 117010 | | 117010 | 103.52 | |
| 50.00 | 1208 | A.M. PRIDE | 43.8 | 39.0 | 97.14 | 280980 | 281480 | 2640 | 278840 | 99.24 | |
| 60.00 | 1210 | GENERIC OFFSET | 14.4 | 12.8 | 96.97 | 95422 | 102270 | 2390 | 99880 | 104.67 | |
| 99.99 | 1213 | CUSTOM OFFSET | 18.3 | 13.3 | 77.50 | 70831 | 74680 | 4010 | 70670 | 99.77 | |
| 35.00 | 1805 | ALLIED PRIDE | | | | | | | | | |
| 60.00 | 2510 | SOLITUDE OPAQUE | 3.7 | 3.0 | 88.45 | 23620 | 17870 | | 17870 | 75.66 | |
| 50.00 | 2536 | I B M MANUAL | 69.6 | 62.6 | 98.12 | 450180 | 382120 | 1350 | 380770 | 84.58 | |
| 50.00 | 3002 | SUPERIOR OFFSET | 16.9 | 15.0 | 96.83 | 114878 | 109770 | 5500 | 104270 | 90.77 | |
| 60.00 | 3004 | SUPERIOR OFFSET | 27.8 | 25.4 | 99.67 | 183772 | 94160 | 2720 | 91440 | 49.76 | |
| 70.00 | 3005 | SUPERIOR OFFSET | 35.9 | 16.1 | 48.92 | 107065 | 112330 | | 112330 | 104.92 | |
| 48.00 | 6519* | WHITE DIAZO PAPER | 88.5 | 39.9 | 78.43 | 246314 | 261840 | 6730 | 255110 | 103.57 | |
| 60.50 | 6524* | WHITE DIAZO PAPER | 10.2 | 10.2 | 109.09 | 80118 | 48900 | | 48900 | 61.03 | |
| 40.00 | 7100 | K WHITE OFFSET | 3.9 | 3.3 | 92.31 | 19763 | 16475 | 1240 | 15235 | 77.13 | |
| 45.00 | 7101 | K WHITE OFFSET | 74.6 | 48.6 | 71.07 | 318811 | 276620 | 4180 | 272440 | 85.46 | |
| 80.00 | 7102 | K WHITE OFFSET | 35.8 | 28.8 | 87.76 | 207169 | 212170 | | 212170 | 102.41 | |
| 60.00 | 7104 | K WHITE OFFSET | 31.5 | 28.9 | 100.09 | 223043 | 202100 | 1340 | 200760 | 90.01 | |
| 70.00 | 7105 | K WHITE OFFSET | 1.7 | 1.3 | 83.42 | 9820 | 9860 | | 9860 | 100.41 | |
| 80.00 | 7107 | K WHITE OFFSET | 6.0 | 3.6 | 65.45 | 28409 | 29040 | | 29040 | 109.96 | |
| 40.00 | 7120 | B W K OFFSET - ANTI | 8.5 | 7.2 | 92.41 | 43098 | 39620 | | 39620 | 91.93 | |
| 45.00 | 7121 | B.W. K OFFSET - ANT | 9.0 | 7.0 | 84.85 | 40600 | 42480 | | 42480 | 104.63 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 33.2 | 29.3 | 96.28 | 194633 | 200180 | | 200180 | 102.85 | |
| 55.00 | 7123 | BW K OFFSET - ANTIQ | 12.6 | 10.7 | 92.64 | 80019 | 75660 | 1290 | 74370 | 92.94 | |

| BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-O | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 60.00 | 7124 | B W K OFFSET ANTIQU | 7.0 | 5.2 | 81.04 | 34302 | 23130 | | 23130 | 67.43 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 1.7 | 1.7 | 109.09 | 12058 | 13820 | 2330 | 11490 | 95.29 | |
| 30.50 | 9001 | DUPONT PAPER (BLUE) | 85.0 | 83.1 | 106.65 | 361109 | 408600 | 1900 | 406700 | 112.63 | |
| 81.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| 47.92 | | MACH SUBTOTAL | 725.1 | 615.1 | 92.54 | 3874786 | 3728270 | 33330 | 3694940 | 95.36 | 88.28 |
| 49.97 | | *MACH SUBTOTAL | 65.7 | 50.1 | 83.19 | 326432 | 310740 | 6730 | 304010 | 93.13 | 77.47 |
| 48.08 | | MACH TOTAL 1.09091 | 790.8 | 665.2 | 91.76 | 4201218 | 4039010 | 40060 | 3998950 | 95.19 | 87.35 |
| 41.33 | | MILL C SUBTOTAL | 1530.6 | 1368.3 | 97.52 | 5700541 | 5687240 | 79775 | 5607468 | 98.37 | 95.93 |
| 49.97 | | *MILL C SUBTOTAL | 65.7 | 50.1 | 83.19 | 326432 | 310740 | 6730 | 304010 | 93.13 | 77.47 |
| 41.78 | | MILL C TOTAL | 1596.3 | 1418.4 | 96.93 | 6026973 | 5997980 | 86505 | 5911475 | 98.08 | 95.08 |
| 35.00 | 1205 | A. M. PRIDE | 8.7 | 6.1 | 76.49 | 29798 | 24840 | | 24840 | 83.36 | |
| 45.00 | 1207 | A M PRIDE | 6.8 | 6.2 | 99.47 | 33506 | 32530 | | 32530 | 97.09 | |
| 50.00 | 1208 | A.M. PRIDE | 35.2 | 32.2 | 103.16 | 317904 | 346580 | | 346580 | 109.02 | |
| 60.00 | 1210 | GENERIC OFFSET | 25.6 | 24.6 | 104.83 | 180064 | 167310 | 730 | 166580 | 111.01 | |
| 70.00 | 1211 | GENERIC OFFSET | 6.5 | 6.0 | 100.70 | 37171 | 43290 | | 43290 | 116.46 | |
| 45.00 | 1510 | WHITE SPEC K OFFSET | 6.7 | 6.4 | 104.21 | 38248 | 10400 | | 10400 | 27.19 | |
| 30.00 | 1800 | PRIDE OPAQUE | 7.6 | .8 | 12.47 | 2975 | | | | | |
| 35.00 | 1805 | ALLIED PRIDE | 31.0 | 25.4 | 89.38 | 125881 | 141270 | | 141270 | 112.23 | |
| 20.00 | 1842 | ALLIED PRIDE | | | | | | 1100 | 1100- | | |
| 20.00 | 2000 | BRITE LITE THIN | 15.3 | 8.8 | 62.75 | 17582 | 9670 | | 9670 | 55.00 | |
| 20.00 | 2007 | BRITE LITE PLUS | 10.7 | 6.4 | 65.25 | 13708 | | | | | |
| 30.00 | 2102 | BRITISH OPAQUE | 41.7 | 34.1 | 89.21 | 129921 | 144920 | | 144920 | 111.54 | |
| 35.00 | 2104 | BRITISH OPAQUE | 2.3 | 1.9 | 90.12 | 7936 | 9250 | | 9250 | 116.56 | |
| 35.00 | 2241 | LAWYERS OFFSET | 51.7 | 46.2 | 97.49 | 195361 | 171800 | | 171800 | 87.94 | |
| 24.00 | 2402 | SHAKESPEARE THIN | 58.6 | 45.1 | 83.96 | 135040 | 144410 | 600 | 143810 | 106.49 | |
| 35.00 | 2407 | SHAKESPEARE THIN | | | | | | | | | |
| 30.00 | 2503 | SOLITUDE OPAQUE | | | | | | 500 | 500- | | |
| 40.00 | 2505 | SOLITUDE OPAQUE | 3.0 | 2.5 | 90.91 | 12422 | 14780 | | 14780 | 118.98 | |
| 40.00 | 2513 | IBM SUPERIOR OFFSET | 20.3 | 19.2 | 103.18 | 93081 | 91870 | | 91870 | 98.70 | |
| 35.00 | 2522 | SPECIAL SOLITUDE OP | 5.7 | 5.2 | 99.52 | 23193 | 19560 | | 19560 | 84.34 | |
| 24.00 | 2524 | SOLITUDE OPAQUE | 2.5 | 1.5 | 66.45 | 4531 | 5280 | | 5280 | 116.53 | |
| 21.00 | 2541 | A P LIGHTWEIGHT TY | 111.5 | 108.1 | 105.76 | 265658 | 313020 | 1620 | 311400 | 117.22 | |
| 30.00 | 2543 | A.P. LIGHTWEIGHT | | | | | | | | | |
| 26.00 | 2549 | A.P. LIGHTWEIGHT | 34.2 | 28.7 | 91.55 | 94042 | 90520 | | 90520 | 96.25 | |
| 40.00 | 7100 | K WHITE OFFSET | 8.7 | 8.0 | 100.31 | 39929 | 43180 | | 43180 | 108.14 | |
| 45.00 | 7101 | K WHITE OFFSET | 14.3 | 13.7 | 104.51 | 76131 | 86760 | | 86760 | 113.96 | |
| 50.00 | 7102 | K WHITE OFFSET | 88.9 | 79.2 | 97.19 | 483021 | 507330 | | 507330 | 105.03 | |
| 60.00 | 7104 | K WHITE OFFSET | 13.2 | 12.3 | 101.65 | 78737 | 92460 | | 92460 | 117.43 | |
| 45.00 | 7121 | B.W. K OFFSET - ANT | 28.7 | 23.9 | 90.85 | 147098 | 139560 | | 139560 | 94.88 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 3.5 | 2.5 | 77.92 | 15840 | 18840 | | 18840 | 118.94 | |
| 55.00 | 7123 | BW K OFFSET - ANTIQ | 8.4 | 8.2 | 106.49 | 56126 | 53300 | | 53300 | 94.96 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 7.8 | 7.2 | 100.70 | 43350 | 41180 | | 41180 | 94.99 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 28.4 | 21.4 | 82.20 | 133986 | 142260 | 840 | 141420 | 105.55 | |

REPORT: R4PS7610 S C H A L L I E D P A P E R I N C. PAGE 3
RUN DATE: 07/02/85 DAILY PRODUCTION SYSTEM
RUN TIME: 200634 PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.00 | 9600 | TRIAL RUNS | 6.9 | | | | | | | | |
| 42.03 | | MACH TOTAL 1.09091 | 713.8 | 611.8 | 93.50 | 2802241 | 2906170 | 5390 | 2900780 | 103.52 | 96.79 |
| 45.00 | 1000 | O.P. OFFSET | 22.0 | 21.1 | 104.63 | 113052 | 121370 | | 121370 | 107.36 | |
| 45.00 | 1207 | A 7 PRIDE | 4.2 | 3.6 | 93.51 | 17934 | 20430 | | 20430 | 113.92 | |
| 50.00 | 1208 | A.N. PRIDE | 144.6 | 136.4 | 102.90 | 772545 | 784010 | 3150 | 780860 | 101.08 | |
| 60.00 | 1210 | GENERIC OFFSET | 70.9 | 66.0 | 101.55 | 405109 | 432760 | | 432760 | 106.83 | |
| 50.00 | 1533 | WHITE SPEC K OFFSET | 18.5 | 16.7 | 90.48 | 95301 | 92700 | | 92700 | 97.27 | |
| 30.00 | 1600 | PRIDE OPAQUE | 4.7 | 2.7 | 62.67 | 8613 | 5660 | | 5660 | 65.71 | |
| 35.00 | 2104 | BRITISH OPAQUE | 10.1 | 5.3 | 57.25 | 22138 | 4880 | | 4880 | 22.04 | |
| 50.00 | 2536 | I B M MANUAL | 10.8 | 10.0 | 101.01 | 55439 | 50770 | | 50770 | 91.58 | |
| 45.00 | 3001 | SUPERIOR OFFSET | 6.4 | 5.5 | 93.75 | 27141 | 31890 | | 31890 | 117.60 | |
| 50.00 | 3002 | SUPERIOR OFFSET | | | | | | | | | |
| 40.00 | 3020 | BW SUPERIOR OFFSET | 2.9 | 2.1 | 81.82 | 10171 | 11300 | | 11300 | 111.10 | |
| 35.00 | 3035 | WHITE BOOK LITE | 17.3 | 13.0 | 81.98 | 54762 | 53500 | | 53500 | 97.70 | |
| 40.00 | 7100 | K WHITE OFFSET | 9.1 | 7.8 | 93.51 | 32564 | 32545 | 1200 | 31345 | 96.26 | |
| 45.00 | 7101 | K WHITE OFFSET | 96.3 | 74.4 | 84.28 | 378311 | 372030 | | 372030 | 98.34 | |
| 50.00 | 7102 | K WHITE OFFSET | 142.8 | 127.0 | 97.02 | 716697 | 680950 | 5850 | 675100 | 94.20 | |
| 60.00 | 7104 | K WHITE OFFSET | 123.2 | 113.8 | 100.77 | 650763 | 698940 | 2120 | 696820 | 107.08 | |
| 70.00 | 7105 | K WHITE OFFSET | 10.1 | 9.3 | 100.45 | 52031 | 58870 | | 58870 | 113.14 | |
| 80.00 | 7107 | K WHITE OFFSET | 17.1 | 13.7 | 87.40 | 84500 | 83620 | | 83620 | 98.96 | |
| 45.00 | 7121 | B.W. K OFFSET - ANT | 8.8 | 8.6 | 106.61 | 40420 | 39390 | | 39390 | 97.45 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 14.3 | 12.4 | 94.60 | 73555 | 80800 | | 80800 | 109.85 | |
| 55.00 | 7123 | BW K OFFSET - ANTIQ | 15.3 | 14.3 | 101.96 | 86198 | 97850 | | 97850 | 113.52 | |
| 60.00 | 7124 | B W K OFFSET ANTIQU | 10.8 | 9.5 | 95.96 | 56662 | 62710 | | 62710 | 110.67 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 1.0 | .8 | 87.27 | 3835 | 3920 | | 3920 | 102.22 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 43.1 | 40.1 | 101.50 | 242258 | 242300 | | 242300 | 100.02 | |
| 60.00 | 7204 | RAVENSWOOD OPAQUE | 14.0 | 13.2 | 102.86 | 74318 | 83020 | | 83020 | 111.71 | |
| 70.00 | 7205 | RAVENSWOOD OPAQUE | .9 | .6 | 81.82 | 3317 | 4130 | | 4130 | 124.51 | |
| 55.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| 53.05 | | MACH TOTAL 1.09091 | 819.0 | 727.9 | 96.96 | 4077634 | 4150345 | 12320 | 4138025 | 101.48 | 98.39 |
| 38.00 | 203 | LAUREL TEXT - RS | 31.1 | 26.2 | 91.90 | 112054 | 103510 | | 103510 | 92.38 | |
| 60.00 | 276 | TYPE IV E OT BLADE | 130.4 | 116.2 | 97.21 | 604307 | 647385 | 7040 | 640345 | 105.96 | |
| 45.00 | 1000 | O.P. OFFSET | 37.9 | 34.2 | 98.44 | 178151 | 192010 | 2850 | 189160 | 106.18 | |
| 40.00 | 1206 | SPEC A.N. PRIDE | 20.9 | 18.5 | 96.56 | 84203 | 84650 | | 84650 | 100.53 | |
| 45.00 | 1207 | A 7 PRIDE | 2.5 | 2.3 | 100.36 | 11060 | 12270 | | 12270 | 110.94 | |
| 50.00 | 1208 | A.N. PRIDE | 112.5 | 100.4 | 97.36 | 543960 | 553020 | 1280 | 551740 | 101.43 | |
| 60.00 | 1210 | GENERIC OFFSET | 36.1 | 29.5 | 89.15 | 158779 | 180810 | | 180810 | 113.88 | |
| 70.00 | 1211 | GENERIC OFFSET | 5.7 | 5.1 | 97.61 | 27982 | 24450 | | 24450 | 87.38 | |
| 99.99 | 1213 | CUSTOM OFFSET | 10.0 | 8.7 | 94.91 | 39283 | 45130 | | 45130 | 114.88 | |
| 35.00 | 1805 | ALLIED PRIDE | 28.9 | 19.4 | 73.23 | 70347 | 60460 | | 60460 | 85.95 | |
| 40.00 | 1810 | BW PRIDE OPAQUE | 11.6 | 9.1 | 85.58 | 33205 | 27600 | | 27600 | 83.12 | |
| 50.00 | 2536 | I B M MANUAL | 28.2 | 26.3 | 101.74 | 141552 | 143230 | | 143230 | 101.19 | |
| 45.00 | 3001 | SUPERIOR OFFSET | 16.5 | 15.9 | 105.12 | 78647 | 86310 | | 86310 | 109.74 | |
| 45.00 | 3501 | SCHOOL COTE | 23.2 | 19.2 | 87.12 | 89191 | 62730 | 3940 | 58790 | 65.91 | |

| BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.00 | 7100 | K WHITE OFFSET | 60.9 | 57.5 | 103.00 | 249544 | 244060 | | 244060 | 97.80 | |
| 45.00 | 7101 | K WHITE OFFSET | 31.4 | 30.3 | 105.27 | 150481 | 154060 | | 154060 | 102.38 | |
| 50.00 | 7102 | K WHITE OFFSET | 52.7 | 49.2 | 101.85 | 257916 | 274700 | | 274700 | 106.51 | |
| 60.00 | 7104 | K WHITE OFFSET | 13.3 | 11.3 | 92.69 | 65646 | 69680 | | 69680 | 106.15 | |
| 99.99 | 7109 | DW K OFFSET | 7.4 | 4.9 | 72.24 | 26587 | 24760 | | 24760 | 93.13 | |
| 70.00 | 7125 | DA K OFFSET - ANTIQ | 7.4 | 7.4 | 109.09 | 42113 | 41190 | | 41190 | 97.81 | |
| 40.00 | 7200 | RAVENSWOOD OPAQUE | 8.0 | 6.8 | 92.73 | 32340 | 23200 | | 23200 | 71.74 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 4.7 | 4.3 | 99.81 | 20087 | 22500 | | 22500 | 112.01 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 37.6 | 34.7 | 100.68 | 185142 | 198840 | | 198840 | 107.40 | |
| 68.50 | 9025* | SATURATED GRAVURE B | 19.7 | 15.5 | 85.83 | 74150 | 72450 | | 72450 | 97.71 | |
| 68.50 | 9030* | SATURATED VELLUM BA | 22.3 | 9.7 | 47.45 | 45232 | 46790 | | 46790 | 103.44 | |
| 70.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| 51.58 | | MACH SUBTOTAL | 720.9 | 637.4 | 96.46 | 3202577 | 3276555 | 15110 | 3261445 | 101.84 | 98.23 |
| 66.50 | | *MACH SUBTOTAL | 42.0 | 25.2 | 65.45 | 119382 | 119240 | | 119240 | 99.88 | 65.38 |
| 52.18 | | MACH TOTAL 1.09091 | 762.9 | 662.6 | 94.75 | 3321959 | 3395795 | 15110 | 3380685 | 101.77 | 96.42 |
| 49.49 | | MILL D SUBTOTAL | 2253.7 | 1977.1 | 95.70 | 10082452 | 10333070 | 32820 | 10300250 | 102.16 | 97.77 |
| 66.50 | | *MILL D SUBTOTAL | 42.0 | 25.2 | 65.45 | 119382 | 119240 | | 119240 | 99.88 | 65.38 |
| 49.70 | | MILL D TOTAL | 2295.7 | 2002.3 | 95.15 | 10201834 | 10452310 | 32820 | 10419490 | 102.13 | 97.18 |
| 48.59 | | BOOK MILL SUBTOT | 3784.3 | 3345.4 | 96.44 | 15782993 | 16020310 | 112595 | 15907715 | 100.79 | 97.20 |
| 58.11 | | *BOOK MILL SUBTOT | 107.7 | 75.3 | 76.27 | 445814 | 429980 | 6730 | 423250 | 94.94 | 72.41 |
| 48.81 | | BOOK MILL TOTAL | 3892.0 | 3420.7 | 95.88 | 16228807 | 16450290 | 119325 | 16330965 | 100.63 | 96.48 |
| 50.00 | 803 | LAUREL TEXT | 16.0 | 9.4 | 67.14 | 86584 | 74371 | | 74371 | 85.89 | |
| 58.00 | 855 | H & MASTER - NON BL | | | | | | | | | |
| 67.50 | 870 | MASTER BASE TYPE IV | 210.5 | 171.7 | 89.81 | 586212 | 603916 | 1648 | 602268 | 102.74 | |
| 92.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| 83.39 | | BLADE COATER 1.14286 | 234.5 | 181.1 | 88.26 | 672796 | 678287 | 1648 | 676639 | 100.57 | 88.77 |
| 48.09 | | GRAND SUBTOTAL | 4018.8 | 3526.5 | 95.96 | 16455789 | 16698597 | 114243 | 16584354 | 100.78 | 96.71 |
| 58.11 | | *GRAND SUBTOTAL | 107.7 | 75.3 | 76.27 | 445814 | 429980 | 6730 | 423250 | 94.94 | 72.41 |
| 48.46 | | GRAND TOTAL | 4126.5 | 3601.8 | 95.45 | 16901603 | 17128577 | 120973 | 17007604 | 100.63 | 96.05 |



```
JJJJJJJJJJ      444     PPPPPPPPPPP   SSSSSSSSSS    00000000    3333333333   AAAAAAAA
JJJJJJJJJJ     4444     PPPPPPPPPPP   SSSSSSSSSS    00000000    3333333333   AAAAAAAA
    JJ        44 44     PP        PP  SS        SS  00      0000  33        33  AA
    JJ        44 44     PP        PP  SS            00      00 00           33  AA
    JJ        44  44    PP        PP  SSS           00      00 00           33  AA
    JJ      44444444444 PPPPPPPPPPPP  SSSSSSSSS     00      00 00       3333    AAAAAAAAAAAA
    JJ      444444444444 PPPPPPPPPPP  SSSSSSSSS     00      00 00       3333    AAAAAAAAAAAA
    JJ            44    PP                  SSS     00 00      00          33  AA        AA
  JJ    JJ        44    PP                  SS      0000       00          33  AA        AA
  JJ    JJ        44    PP          SS      SS      000        00  33      33  AA        AA
JJJJJJJJ          44    PP          SSSSSSSSSSS     0000000000     333333333333  AA        AA
JJJJJJ            44    PP          SSSSSSSSSS      00000000       3333333333    AA        AA

JJJJJJJJJJ  555555555555   6666666666    6666666666    9999999999                FFFFFFF
JJJJJJJJJJ  555555555555  666666666666  666666666666  999999999999               FFFFFFF
    JJ      55            66        66  66        66  99        99                FF
    JJ      55            66            66            99        99                FF
    JJ      55            66            66            99        99                FF
    JJ      555555555     66666666666   66666666666   999999999999               FFFFFFF
    JJ      5555555555    666666666666  666666666666  999999999999               FFFFFFF
    JJ              55    66        66  66        66            99                FF
JJ  JJ              55    66        66  66        66            99                FF
JJ  JJ              55    66        66  66        66  99        99                FF
JJJJJJJJ    555555555555  666666666666  666666666666  999999999999               FF
JJJJJJ      55555555555    6666666666    6666666666    9999999999                FF

START JOB 5669 J4PS03A4 0003 0001 KAL      KAL                ROOM       10.30.08 AM 03 JUL 85  R101.PR1
START JOB 5669 J4PS03A4 0003 0001 KAL      KAL                ROOM       10.30.08 AM 03 JUL 85  R101.PR1
START JOB 5669 J4PS03A4 0003 0001 KAL      KAL                ROOM       10.30.08 AM 03 JUL 85  R101.PR1
```

```
*****************          ******************
*                *          *                *
*                ************                *
*                                            *
*   SSSSSSS    CCCCCCCC   MMM   MMMMM        *
*   SSS        CCC        MMMM  MMMMM        *
*   SSSSSSS    CCC        MM MM MM MM        *
*     SSS      CCC        MM  MMM  MM        *
*   SSSSSSS    CCCCCCC    MM   MM  MM        *
*****************          ******************
*                *          *                *
*                ************                *
```

```
NN      NN  EEEEEEEEEEE  WW        WW
NNN     NN  EEEEEEEEEEE  WW        WW
NNNN    NN  EE           WW        WW
NN NN   NN  EE           WW        WW
NN  NN  NN  EEEEEEE      WW   WW   WW   SSSE
NN   NN NN  EEEEEE       WW  WWWW  WW   SSSS
NN    NNNN  EE           WW WW  WW WW
NN    NNN  EE            WWWW   WWWW   SS
NN    NN EEEEEEEEEEE     WWW    WWW   SSSSSSSS
NN    N  EEEEEEEEEEE     WW     WW   SSSSSSSS
```

```
*****************************************************************************************
*****************************************************************************************
***                    * * *   N O T I C E   * * *   N O T I C E   * * *   N O T I C E
***      BASED ON REQUIREMENTS RECEIVED BY THE DURHAM DATA CENTER.  THE HOLIDAY SCHEDULE IS AS FOLLOWS:
***                                SHUTDOWN:  16:00 THURSDAY,    JULY 4, 1985
***                                REOPEN:    00:01 FRIDAY,      JULY 5, 1985
                                   SHUTDOWN:  00:01 SUNDAY       JULY 6, 1985
*****************************************************************************************
***      THE TEST/PRODUCTION AND JCL FREEZE WILL BE IN EFFECT
***      FROM JUNE 24, 1985 UNTIL JULY 22, 1985. ISO MANAGERS
***      CAN REQUEST SPECIAL TURNOVERS BY CONTACTING THE USER
***      SUPPORT GROUP. PROGRAM AND JCL TURNOVERS WILL BE RUN
***      EACH DAY AT 13:00. ALL REQUESTS FOR TURNOVERS SHOULD
***      BE MADE PRIOR TO 12:30 TO ALLOW TIME FOR SETUP.
*****************************************************************************************
```

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1100 | BW RAMTEXT NEW SHADE EB | 640 | 640 | 1 | 21720 | 100.00 |
| | | | 640 | 650 | 2 | 34270 | 101.56 |
| | | | 640 | 660 | 8 | 163500 | 103.12 |
| | | | 640 | 670 | 10 | 190880 | 104.68 |
| | | | 640 | 700 | 6 | 118380 | 109.37 |
| | | | | 671 | 27 | 528750 | 104.85 |
| | 1206 | SPEC A.M. PRIDE | 560 | 580 | 8 | 125160 | 103.57 |
| | | | | 580 | 8 | 125160 | 103.57 |
| | 1207 | A 7 PRIDE | 520 | 540 | 1 | 6600 | 103.84 |
| | | | | 540 | 1 | 6600 | 103.84 |
| | 1800 | PRIDE OPAQUE | 640 | 670 | 1 | 3940 | 104.68 |
| | | | | 670 | 1 | 3940 | 104.68 |
| | 1803 | ALLIED PRIDE | 600 | 600 | 1 | 10100 | 100.00 |
| | | | 600 | 610 | 1 | 8290 | 101.66 |
| | | | | 605 | 2 | 18390 | 100.75 |
| | 1805 | ALLIED PRIDE | 590 | 610 | 2 | 33870 | 103.38 |
| | | | 590 | 650 | 2 | 36960 | 110.16 |
| | | | | 631 | 4 | 70830 | 106.92 |
| | 2101 | BRITISH OPAQUE | 660 | 700 | 3 | 42320 | 106.06 |
| | | | | 700 | 3 | 42320 | 106.06 |
| | 2200 | IMPERIAL BIBLE | 680 | 650 | 1 | 600 | 95.58 |
| | | | 680 | 730 | 5 | 86440 | 107.35 |
| | | | | 729 | 6 | 87040 | 107.27 |
| | 2208 | NELTEXT BIBLE | 700 | 720 | 11 | 144220 | 102.85 |
| | | | | 720 | 11 | 144220 | 102.85 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 710 | 740 | 7 | 94040 | 104.22 |
| | | | | 740 | 7 | 94040 | 104.22 |
| | 2241 | LAWYERS OFFSET | 590 | 620 | 1 | 19350 | 105.08 |
| | | | 590 | 640 | 2 | 39210 | 108.47 |
| | | | | 633 | 3 | 58560 | 107.35 |
| | 2505 | SOLITUDE OPAQUE | 560 | 580 | 5 | 99850 | 103.57 |
| | | | | 580 | 5 | 99850 | 103.57 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 590 | 640 | 2 | 23190 | 108.47 |
| | | | | 640 | 2 | 23190 | 108.47 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 710 | 730 | 2 | 28080 | 102.81 |
| | | | 710 | 740 | 30 | 410130 | 104.22 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| SH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 739 | 32 | 439010 | 104.13 |
| | 2845 | A.P. LIGHTWEIGHT | 590 | 610 | 2 | 30290 | 103.38 |
| | | | | 610 | 2 | 30290 | 103.38 |
| | 3835 | WHITE BOOK LITE | 590 | 650 | 4 | 80640 | 110.16 |
| | | | | 650 | 4 | 80640 | 110.16 |
| | 6723 | COMBINER WRAP (ATC) | 600 | 520 | 1 | 800 | 86.66 |
| | | | 600 | 540 | 3 | 37280 | 90.00 |
| | | | 600 | 570 | 2 | 25940 | 95.00 |
| | | | | 552 | 6 | 64020 | 91.98 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 520 | 550 | 2 | 42120 | 105.76 |
| | | | | 550 | 2 | 42120 | 105.76 |
| | 9600 | TRIAL RUNS | | | 1 | | |
| | | | | 500 | 2 | | |
| | | | | | 3 | | |
| | | | | 674 | 129 | 1958970 | 104.44 |

CO 853838

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1206 | SPEC A.M. PRIDE | 750 | | 2 | | |
| | | | 750 | 780 | 5 | 114990 | 104.00 |
| | | | 750 | 800 | 18 | 686915 | 106.66 |
| | | | 750 | 810 | 2 | 84920 | 108.00 |
| | | | | 798 | 27 | 886825 | 106.44 |
| | 1207 | A 7 PRIDE | 740 | 770 | 1 | 9480 | 104.05 |
| | | | 740 | 780 | 3 | 107530 | 105.40 |
| | | | | 779 | 4 | 117010 | 105.29 |
| | 1208 | A.M. PRIDE | 730 | 770 | 2 | 106290 | 105.47 |
| | | | 730 | 780 | 6 | 134660 | 106.84 |
| | | | 730 | 800 | 1 | 40830 | 109.58 |
| | | | | 779 | 9 | 281480 | 106.72 |
| | 1210 | GENERIC OFFSET | 630 | 680 | 2 | 27260 | 107.93 |
| | | | 630 | 710 | 5 | 75010 | 112.69 |
| | | | | 702 | 7 | 102270 | 111.42 |
| | 1213 | CUSTOM OFFSET | 300 | 280 | 4 | 74680 | 93.33 |
| | | | | 280 | 4 | 74680 | 93.33 |
| | 2010 | SOLITUDE OPAQUE | 630 | 660 | 1 | 17870 | 104.76 |
| | | | | 660 | 1 | 17870 | 104.76 |
| | 2536 | I G M MANUAL | 730 | | 2 | | |
| | | | 730 | 680 | 1 | 14800 | 93.15 |
| | | | 730 | 715 | 1 | 18800 | 97.94 |
| | | | 730 | 740 | 3 | 80710 | 101.36 |
| | | | 730 | 750 | 3 | 101440 | 102.73 |
| | | | 730 | 760 | 5 | 92410 | 104.10 |
| | | | 730 | 770 | 3 | 73960 | 105.47 |
| | | | | 750 | 18 | 382120 | 102.70 |
| | 3002 | SUPERIOR OFFSET | 730 | 750 | 3 | 109770 | 102.73 |
| | | | | 750 | 3 | 109770 | 102.73 |
| | 3004 | SUPERIOR OFFSET | 630 | 650 | 5 | 94160 | 103.17 |
| | | | | 650 | 5 | 94160 | 103.17 |
| | 3005 | SUPERIOR OFFSET | 540 | | 1 | | |
| | | | 540 | 560 | 1 | 16650 | 103.70 |
| | | | 540 | 570 | 2 | 86900 | 105.55 |
| | | | 540 | 750 | 2 | 8780 | 138.88 |
| | | | | 583 | 6 | 112330 | 107.88 |
| | 6519 | WHITE DIAZO PAPER | 650 | | 2 | | |
| | | | 650 | 730 | 21 | 261840 | 112.30 |
| | | | | 730 | 23 | 261840 | 112.30 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 6524 | WHITE DIAZO PAPER | 630 | 605 | 2 | 48900 | 96.03 |
| | | | | 605 | 2 | 48900 | 96.03 |
| | 7100 | K WHITE OFFSET | 750 | 730 | 1 | 16475 | 97.33 |
| | | | | 730 | 1 | 16475 | 97.33 |
| | 7101 | K WHITE OFFSET | 740 | 730 | 2 | 15990 | 98.64 |
| | | | 740 | 740 | 4 | 56410 | 100.00 |
| | | | 740 | 760 | 5 | 88370 | 102.70 |
| | | | 740 | 780 | 6 | 94820 | 105.40 |
| | | | 740 | 800 | 2 | 21030 | 108.10 |
| | | | | 764 | 18 | 276620 | 103.25 |
| | 7102 | K WHITE OFFSET | 730 | 740 | 1 | 43040 | 101.36 |
| | | | 730 | 750 | 1 | 8400 | 102.73 |
| | | | 730 | 760 | 2 | 21300 | 104.10 |
| | | | 730 | 770 | 3 | 87970 | 105.47 |
| | | | 730 | 800 | 1 | 51460 | 109.58 |
| | | | | 769 | 8 | 212170 | 105.39 |
| | 7104 | K WHITE OFFSET | 630 | 650 | 6 | 154850 | 103.17 |
| | | | 630 | 660 | 1 | 4010 | 104.76 |
| | | | 630 | 690 | 1 | 43240 | 109.52 |
| | | | | 659 | 8 | 202100 | 104.56 |
| | 7105 | K WHITE OFFSET | 840 | 630 | 1 | 9860 | 116.66 |
| | | | | 630 | 1 | 9860 | 116.66 |
| | 7107 | K WHITE OFFSET | 470 | 520 | 1 | 17180 | 110.63 |
| | | | 470 | 530 | 1 | 11860 | 112.76 |
| | | | | 524 | 2 | 29040 | 111.50 |
| | 7120 | B W K OFFSET - ANTIQUE | 750 | 760 | 1 | 4040 | 101.33 |
| | | | 750 | 800 | 2 | 35580 | 106.66 |
| | | | | 796 | 3 | 39620 | 106.12 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 740 | 760 | 2 | 42480 | 102.70 |
| | | | | 760 | 2 | 42480 | 102.70 |
| | 7122 | B W K OFFSET - ANTIQUE | 730 | 750 | 5 | 143700 | 102.73 |
| | | | 730 | 760 | 4 | 86480 | 104.10 |
| | | | | 753 | 9 | 200180 | 103.12 |
| | 7123 | BW K OFFSET - ANTIQUE | 710 | 710 | 1 | 10560 | 100.00 |
| | | | 710 | 730 | 3 | 65100 | 102.81 |
| | | | | 727 | 4 | 75660 | 102.42 |
| | 7124 | B W K OFFSET ANTIQUE | 630 | 650 | 3 | 23130 | 103.17 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 650 | 3 | 23130 | 103.17 |
| | 7202 | RAVENSWOOD OPAQUE | 730 | 750 | 1 | 6460 | 102.73 |
| | | | 730 | 780 | 1 | 7360 | 106.84 |
| | | | | 766 | 2 | 13820 | 104.92 |
| | 9001 | DUPONT PAPER (BLUE) | 700 | 800 | 12 | 408600 | 114.28 |
| | | | | 800 | 12 | 408600 | 114.28 |
| | 9600 | TRIAL RUNS | | | 1 | | |
| | | | | 450 | 1 | | |
| | | | | 540 | 1 | | |
| | | | | | 3 | | |
| | | | | 743 | 185 | 4039010 | 106.21 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MCH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1205 | A. M. PRIDE | 750 | 800 | 1 | 4300 | 106.66 |
| | | | 750 | 820 | 2 | 20540 | 109.33 |
| | | | | 817 | 3 | 24840 | 108.87 |
| | 1207 | A 7 PRIDE | 710 | 720 | 1 | 4900 | 101.40 |
| | | | 710 | 760 | 2 | 9580 | 107.04 |
| | | | 710 | 820 | 2 | 18050 | 115.49 |
| | | | | 787 | 5 | 32530 | 110.88 |
| | 1208 | A.M. PRIDE | 680 | 700 | 6 | 141750 | 102.94 |
| | | | 680 | 720 | 4 | 86480 | 105.88 |
| | | | 680 | 740 | 2 | 44050 | 108.82 |
| | | | 680 | 750 | 1 | 32000 | 110.29 |
| | | | 680 | 770 | 3 | 42300 | 113.23 |
| | | | | 723 | 16 | 346580 | 106.36 |
| | 1210 | GENERIC OFFSET | 580 | 640 | 2 | 43180 | 110.34 |
| | | | 580 | 650 | 5 | 82370 | 112.06 |
| | | | 580 | 660 | 2 | 41760 | 113.79 |
| | | | | 650 | 9 | 167310 | 112.05 |
| | 1211 | GENERIC OFFSET | 490 | 570 | 2 | 43290 | 116.32 |
| | | | | 570 | 2 | 43290 | 116.32 |
| | 1510 | WHITE SPEC K OFFSET | 710 | 680 | 2 | 10400 | 95.77 |
| | | | | 680 | 2 | 10400 | 95.77 |
| | 1800 | PRIDE OPAQUE | 750 | | 1 | | |
| | | | 750 | 740 | 1 | | 98.66 |
| | | | | | 2 | | |
| | 1805 | ALLIED PRIDE | 750 | | 1 | | |
| | | | 750 | 800 | 4 | 141270 | 106.66 |
| | | | | 800 | 5 | 141270 | 106.66 |
| | 2000 | BRITE LITE THIN | 720 | | 1 | | |
| | | | 720 | 750 | 2 | 9670 | 104.16 |
| | | | | 750 | 3 | 9670 | 104.16 |
| | 2007 | BRITE LITE PLUS | 720 | 750 | 2 | | 104.16 |
| | | | | | 2 | | |
| | 2102 | BRITISH OPAQUE | 750 | 825 | 1 | | 110.00 |
| | | | 750 | 850 | 6 | 144920 | 113.33 |
| | | | | 850 | 7 | 144920 | 113.33 |
| | 2104 | BRITISH OPAQUE | 750 | 850 | 1 | 9250 | 113.33 |
| | | | | 850 | 1 | 9250 | 113.33 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2241 | LAWYERS OFFSET | 750 | | 12 | | |
| | | | 750 | 780 | 8 | 124920 | 104.00 |
| | | | 750 | 800 | 1 | 1080 | 106.66 |
| | | | 750 | 830 | 1 | 20950 | 110.66 |
| | | | 750 | 850 | 1 | 24850 | 113.33 |
| | | | | 796 | 23 | 171800 | 106.18 |
| | 2402 | SHAKESPEARE THIN | 740 | 850 | 9 | 123430 | 114.86 |
| | | | 740 | 870 | 1 | 20980 | 117.56 |
| | | | | 853 | 10 | 144410 | 115.25 |
| | 2505 | SOLITUDE OPAQUE | 740 | 800 | 2 | 14780 | 108.10 |
| | | | | 800 | 2 | 14780 | 108.10 |
| | 2513 | 18M SUPERIOR OFFSET | 740 | 800 | 3 | 91870 | 108.10 |
| | | | | 800 | 3 | 91870 | 108.10 |
| | 2524 | SPECIAL SOLITUDE OPAQUE | 750 | 850 | 1 | 10180 | 113.33 |
| | | | 750 | 870 | 1 | 9380 | 116.00 |
| | | | | 860 | 2 | 19560 | 114.61 |
| | 2524 | SOLITUDE OPAQUE | 740 | 780 | 1 | 5280 | 105.40 |
| | | | | 780 | 1 | 5280 | 105.40 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 720 | 800 | 15 | 313020 | 111.11 |
| | | | | 800 | 15 | 313020 | 111.11 |
| | 2549 | A.P. LIGHTWEIGHT | 740 | 800 | 2 | 17900 | 108.10 |
| | | | 740 | 820 | 3 | 72620 | 110.81 |
| | | | | 816 | 5 | 90520 | 110.27 |
| | 7100 | K WHITE OFFSET | 740 | 700 | 1 | 8200 | 94.59 |
| | | | 740 | 770 | 1 | 23200 | 104.05 |
| | | | 740 | 780 | 2 | 11780 | 105.40 |
| | | | | 759 | 4 | 43180 | 102.62 |
| | 7101 | K WHITE OFFSET | 710 | 770 | 3 | 86760 | 108.45 |
| | | | | 770 | 3 | 86760 | 108.45 |
| | 7102 | K WHITE OFFSET | 680 | 650 | 1 | 40600 | 95.58 |
| | | | 680 | 670 | 1 | | 98.52 |
| | | | 680 | 680 | 3 | 89370 | 100.00 |
| | | | 680 | 700 | 6 | 110070 | 102.94 |
| | | | 680 | 720 | 5 | 90880 | 105.88 |
| | | | 680 | 730 | 1 | 14850 | 107.35 |
| | | | 680 | 740 | 1 | 21330 | 108.82 |
| | | | 680 | 750 | 1 | 9360 | 110.29 |
| | | | 680 | 770 | 7 | 130870 | 113.23 |
| | | | | 718 | 26 | 507330 | 105.53 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7104 | K WHITE OFFSET | 580 | 650 | 5 | 70620 | 112.06 |
| | | | 580 | 670 | 2 | 21840 | 115.51 |
| | | | | 655 | 7 | 92460 | 112.87 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 710 | 710 | 3 | 88720 | 100.00 |
| | | | 710 | 740 | 1 | 45160 | 104.22 |
| | | | 710 | 750 | 1 | 5680 | 105.63 |
| | | | | 721 | 5 | 139560 | 101.59 |
| | 7122 | B W K OFFSET - ANTIQUE | 680 | 700 | 1 | 18840 | 102.94 |
| | | | | 700 | 1 | 18840 | 102.94 |
| | 7123 | BW K OFFSET - ANTIQUE | 640 | 700 | 2 | 53300 | 109.37 |
| | | | | 700 | 2 | 53300 | 109.37 |
| | 7201 | RAVENSWOOD OPAQUE | 710 | 760 | 2 | 41180 | 107.04 |
| | | | | 760 | 2 | 41180 | 107.04 |
| | 7202 | RAVENSWOOD OPAQUE | 680 | 660 | 1 | | 97.05 |
| | | | 680 | 720 | 1 | 38610 | 105.88 |
| | | | 680 | 740 | 2 | 42720 | 108.82 |
| | | | 685 | 750 | 3 | 60930 | 110.29 |
| | | | | 739 | 7 | 142260 | 108.65 |
| | 9600 | TRIAL RUNS | | 630 | 3 | | |
| | | | | | 3 | | |
| | | | | 754 | 178 | 2906170 | 108.42 |

50 853844

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1000 | G.P. OFFSET | 750 | 760 | 5 | 121370 | 101.33 |
| | | | | 760 | 5 | 121370 | 101.33 |
| | 1207 | A 7 PRIDE | 750 | 770 | 2 | 20430 | 102.66 |
| | | | | 770 | 2 | 20430 | 102.66 |
| | 1208 | A.M. PRIDE | 750 | 720 | 1 | 36960 | 96.00 |
| | | | 750 | 750 | 10 | 202180 | 100.00 |
| | | | 750 | 760 | 7 | 123890 | 101.33 |
| | | | 750 | 770 | 16 | 372700 | 102.66 |
| | | | 750 | 780 | 1 | 48280 | 104.00 |
| | | | | 762 | 35 | 784010 | 101.53 |
| | 1210 | GENERIC OFFSET | 630 | 580 | 1 | 4920 | 92.06 |
| | | | 630 | 670 | 2 | 36210 | 106.34 |
| | | | 630 | 680 | 14 | 305420 | 107.93 |
| | | | 630 | 690 | 4 | 83180 | 109.52 |
| | | | 630 | 750 | 1 | 3030 | 119.04 |
| | | | | 680 | 22 | 432760 | 108.00 |
| | 1533 | WHITE SPEC K OFFSET | 750 | 760 | 7 | 92700 | 101.33 |
| | | | | 760 | 7 | 92700 | 101.33 |
| | 1800 | PRIDE OPAQUE | 750 | 750 | 2 | 5660 | 100.00 |
| | | | | 750 | 2 | 5660 | 100.00 |
| | 2104 | BRITISH OPAQUE | 750 | 725 | 2 | 4880 | 96.66 |
| | | | | 725 | 2 | 4880 | 96.66 |
| | 2536 | I B M MANUAL | 750 | 750 | 3 | 50770 | 100.00 |
| | | | | 750 | 3 | 50770 | 100.00 |
| | 3001 | SUPERIOR OFFSET | 750 | 760 | 3 | 31890 | 101.33 |
| | | | | 760 | 3 | 31890 | 101.33 |
| | 3020 | UW SUPERIOR OFFSET - ANTIQUE | 760 | 780 | 1 | 11300 | 102.63 |
| | | | | 780 | 1 | 11300 | 102.63 |
| | 3835 | WHITE BOOK LITE | 750 | | 1 | | |
| | | | 750 | 780 | 3 | 53500 | 104.00 |
| | | | | 780 | 4 | 53500 | 104.00 |
| | 7100 | K WHITE OFFSET | 760 | 780 | 2 | 32545 | 102.63 |
| | | | | 780 | 2 | 32545 | 102.63 |
| | 7101 | K WHITE OFFSET | 750 | | 2 | | |
| | | | 750 | 700 | 1 | 7720 | 93.33 |
| | | | 750 | 760 | 1 | 11010 | 101.33 |
| | | | 750 | 770 | 12 | 298750 | 102.66 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 750 | 780 | 4 | 54550 | 104.00 |
| | | | | 770 | 20 | 372030 | 102.62 |
| | 7102 | K WHITE OFFSET | 750 | | 1 | | |
| | | | 750 | 700 | 6 | 44790 | 93.33 |
| | | | 780 | 730 | 1 | 7980 | 97.33 |
| | | | 750 | 750 | 4 | 23390 | 100.00 |
| | | | 750 | 760 | 7 | 136390 | 101.33 |
| | | | 750 | 770 | 9 | 130410 | 102.66 |
| | | | 750 | 775 | 3 | 86540 | 103.33 |
| | | | 780 | 780 | 16 | 281550 | 104.00 |
| | | | | 767 | 47 | 680950 | 102.21 |
| | 7104 | K WHITE OFFSET | 630 | 650 | 4 | 95940 | 103.17 |
| | | | 630 | 680 | 15 | 273750 | 107.93 |
| | | | 630 | 690 | 7 | 201640 | 109.52 |
| | | | 630 | 700 | 7 | 121490 | 111.11 |
| | | | 630 | 750 | 1 | 6120 | 119.04 |
| | | | | 683 | 34 | 698940 | 108.39 |
| | 7105 | K WHITE OFFSET | 550 | 560 | 1 | 11850 | 101.81 |
| | | | 550 | 580 | 3 | 47020 | 105.45 |
| | | | | 576 | 4 | 58870 | 104.72 |
| | 7107 | K WHITE OFFSET | 460 | | 1 | | |
| | | | 460 | 450 | 1 | 43680 | 97.82 |
| | | | 460 | 480 | 2 | 39940 | 104.34 |
| | | | | 464 | 4 | 83620 | 100.93 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 750 | 750 | 2 | 39390 | 100.00 |
| | | | | 750 | 2 | 39390 | 100.00 |
| | 7122 | B W K OFFSET - ANTIQUE | 750 | 670 | 2 | 52090 | 89.33 |
| | | | 750 | 750 | 2 | 28710 | 100.00 |
| | | | 750 | 760 | 1 | | 101.33 |
| | | | | 698 | 5 | 80800 | 93.12 |
| | 7123 | BW K OFFSET - ANTIQUE | 690 | 680 | 1 | 14900 | 98.55 |
| | | | 690 | 750 | 2 | 82950 | 108.69 |
| | | | | 739 | 3 | 97850 | 107.15 |
| | 7124 | B W K OFFSET ANTIQUE | 630 | 600 | 2 | 20800 | 95.23 |
| | | | 630 | 650 | 3 | 41910 | 103.17 |
| | | | | 633 | 5 | 62710 | 100.54 |
| | 7201 | RAVENSWOOD OPAQUE | 750 | 750 | 1 | 3920 | 100.00 |
| | | | | 750 | 1 | 3920 | 100.00 |
| | 7202 | RAVENSWOOD OPAQUE | 750 | 740 | 1 | | 98.66 |

053846

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 750 | 750 | 2 | 30430 | 100.00 |
| | | | 750 | 760 | 8 | 211870 | 101.33 |
| | | | | 759 | 11 | 242300 | 101.16 |
| | 7204 | RAVENSWOOD OPAQUE | 630 | | 1 | | |
| | | | 630 | 670 | 1 | 10740 | 106.34 |
| | | | 630 | 680 | 2 | 68080 | 107.93 |
| | | | 630 | 700 | 1 | 4200 | 111.11 |
| | | | | 680 | 5 | 83020 | 107.89 |
| | 7205 | RAVENSWOOD OPAQUE | 650 | 600 | 1 | 4130 | 109.09 |
| | | | | 600 | 1 | 4130 | 109.09 |
| | 9600 | TRIAL RUNS | | 730 | 4 | | |
| | | | | | 4 | | |
| | | | | 727 | 234 | 4150345 | 103.66 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 203 | LAUREL TEXT - RS | 750 | | 1 | | |
| | | | 750 | 760 | 2 | 35040 | 101.33 |
| | | | 780 | 770 | 2 | 44660 | 102.66 |
| | | | 780 | 780 | 1 | 23810 | 104.00 |
| | | | | 769 | 6 | 103510 | 102.52 |
| | 276 | TYPE IV L DT BLADE BASE | 520 | | 1 | | |
| | | | 520 | 530 | 2 | 55530 | 101.92 |
| | | | 520 | 540 | 3 | 112980 | 103.84 |
| | | | 520 | 550 | 4 | 95380 | 105.76 |
| | | | 520 | 560 | 8 | 298765 | 107.69 |
| | | | 520 | 570 | 2 | 64410 | 109.61 |
| | | | 520 | 580 | 1 | 20320 | 111.53 |
| | | | | 554 | 21 | 647385 | 106.55 |
| | 1000 | U.P. OFFSET | 730 | | 1 | | |
| | | | 730 | 730 | 3 | 88220 | 100.00 |
| | | | 730 | 760 | 4 | 103790 | 104.10 |
| | | | | 746 | 8 | 192010 | 102.22 |
| | 1206 | SPEC A.M. PRIDE | 750 | 760 | 3 | 43640 | 101.33 |
| | | | 750 | 780 | 3 | 41010 | 104.00 |
| | | | | 770 | 6 | 84650 | 102.62 |
| | 1207 | A 7 PRIDE | 730 | 740 | 1 | 12270 | 101.36 |
| | | | | 740 | 1 | 12270 | 101.36 |
| | 1208 | A.M. PRIDE | 720 | 650 | 1 | 10040 | 90.27 |
| | | | 720 | 670 | 2 | 53380 | 93.05 |
| | | | 720 | 730 | 1 | 38300 | 101.38 |
| | | | 720 | 740 | 16 | 299920 | 102.77 |
| | | | 720 | 750 | 7 | 137780 | 104.16 |
| | | | 720 | 760 | 1 | 13600 | 105.55 |
| | | | | 734 | 28 | 553020 | 101.92 |
| | 1210 | GENERIC OFFSET | 620 | 640 | 2 | 28510 | 103.22 |
| | | | 620 | 650 | 1 | 9980 | 104.83 |
| | | | 620 | 670 | 5 | 129960 | 108.06 |
| | | | 620 | 680 | 1 | 1560 | 109.67 |
| | | | 620 | 700 | 1 | 10800 | 112.90 |
| | | | | 666 | 10 | 180810 | 107.42 |
| | 1211 | GENERIC OFFSET | 550 | 550 | 2 | 11520 | 100.00 |
| | | | 550 | 560 | 1 | 12930 | 101.81 |
| | | | | 555 | 3 | 24480 | 100.96 |
| | 1213 | CUSTOM OFFSET | 310 | 310 | 2 | 45130 | 100.00 |
| | | | | 310 | 2 | 45130 | 100.00 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1805 | ALLIED PRIDE | 750 | 750 | 2 | 20500 | 100.00 |
| | | | 750 | 760 | 5 | 39960 | 101.33 |
| | | | | 757 | 7 | 60460 | 100.89 |
| | 1810 | BW PRIDE OPAQUE | 750 | 750 | 1 | 5520 | 100.00 |
| | | | 750 | 780 | 2 | 22080 | 104.00 |
| | | | | 774 | 3 | 27600 | 103.20 |
| | 2536 | I B M MANUAL | 720 | 740 | 7 | 143230 | 102.77 |
| | | | | 740 | 7 | 143230 | 102.77 |
| | 3001 | SUPERIOR OFFSET | 730 | 750 | 3 | 86310 | 102.73 |
| | | | | 750 | 3 | 86310 | 102.73 |
| | 3501 | SCHOOL COTE | 710 | 730 | 3 | 40510 | 102.81 |
| | | | 710 | 750 | 3 | 22220 | 105.63 |
| | | | | 737 | 6 | 62730 | 103.81 |
| | 7100 | K WHITE OFFSET | 750 | 750 | 4 | 73240 | 100.00 |
| | | | 750 | 760 | 10 | 139270 | 101.33 |
| | | | 760 | 770 | 1 | 15770 | 102.66 |
| | | | 760 | 780 | 2 | 15780 | 104.00 |
| | | | | 759 | 17 | 244060 | 101.19 |
| | 7101 | K WHITE OFFSET | 730 | 700 | 2 | 30260 | 95.89 |
| | | | 730 | 740 | 5 | 67270 | 101.36 |
| | | | 730 | 750 | 3 | 56530 | 102.73 |
| | | | | 736 | 10 | 154060 | 100.79 |
| | 7102 | K WHITE OFFSET | 720 | | 1 | | |
| | | | 720 | 700 | 4 | 42730 | 97.22 |
| | | | 720 | 730 | 4 | 80210 | 101.38 |
| | | | 720 | 740 | 7 | 141890 | 102.77 |
| | | | 720 | 750 | 1 | 9870 | 104.16 |
| | | | | 731 | 17 | 274700 | 101.55 |
| | 7104 | K WHITE OFFSET | 620 | | 1 | | |
| | | | 620 | 660 | 2 | 27500 | 106.45 |
| | | | 620 | 710 | 3 | 42180 | 114.51 |
| | | | | 690 | 6 | 69680 | 111.33 |
| | 7109 | BW K OFFSET | 360 | 310 | 1 | 17820 | 86.11 |
| | | | 360 | 340 | 1 | 2380 | 94.44 |
| | | | 360 | 360 | 1 | 4560 | 100.00 |
| | | | | 322 | 3 | 24760 | 89.47 |
| | 7125 | BW K OFFSET - ANTIQUE | 550 | 560 | 1 | 41190 | 101.81 |
| | | | | 560 | 1 | 41190 | 101.81 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| SH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7200 | RAVENSWOOD OPAQUE | 750 | 760 | 2 | 23200 | 101.33 |
| | | | | 760 | 2 | 23200 | 101.33 |
| | 7201 | RAVENSWOOD OPAQUE | 730 | 760 | 2 | 22500 | 104.10 |
| | | | | 760 | 2 | 22500 | 104.10 |
| | 7202 | RAVENSWOOD OPAQUE | 720 | 740 | 12 | 198840 | 102.77 |
| | | | | 740 | 12 | 198840 | 102.77 |
| | 9029 | SATURATED GRAVURE BASE | 450 | 500 | 4 | 72450 | 111.11 |
| | | | | 500 | 4 | 72450 | 111.11 |
| | 9030 | SATURATED VELLUM BASE | 450 | | 1 | | |
| | | | 480 | 500 | 2 | 46790 | 111.11 |
| | | | | 500 | 3 | 46790 | 111.11 |
| | 9600 | TRIAL RUNS | | 480 | 1 | | |
| | | | | 570 | 3 | | |
| | | | | 660 | 1 | | |
| | | | | 680 | 8 | | |
| | | | | | 13 | | |
| | | | | 681 | 201 | 3395795 | 103.55 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1300 | 1200 | 6 | 74371 | 92.30 |
| | | | | 1200 | 6 | 74371 | 92.30 |
| | 870 | MASTERBASE TYPE IV DT | 310 | 500 | 43 | | 161.29 |
| | | | 310 | 520 | 1 | | 167.74 |
| | | | 310 | 525 | 3 | | 169.35 |
| | | | 310 | 550 | 3 | | 177.41 |
| | | | 310 | 1000 | 48 | 477082 | 322.58 |
| | | | 310 | 1200 | 8 | 126834 | 387.09 |
| | | | | 1042 | 106 | 603916 | 336.13 |
| | 9600 | TRIAL RUNS | | | 2 | | |
| | | | | 380 | 5 | | |
| | | | | 600 | 2 | | |
| | | | | 900 | 5 | | |
| | | | | 1150 | 6 | | |
| | | | | | 20 | | |
| | | | | 1059 | 132 | 678287 | 309.39 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1100 | UW DAMTEXT NEW SHADE EB | 103 | 104 | 27 | 528750 | 100.97 |
| | | | | 104 | 27 | 528750 | 100.97 |
| | 1206 | SPEC A.M. PRIDE | 122 | 116 | 2 | 17640 | 95.08 |
| | | | 122 | 99 | 2 | 41400 | 81.14 |
| | | | 122 | 96 | 4 | 66120 | 78.68 |
| | | | | 100 | 8 | 125160 | 81.81 |
| | 1207 | A T PRIDE | 105 | 105 | 1 | 6600 | 100.00 |
| | | | | 105 | 1 | 6600 | 100.00 |
| | 1800 | PRIDE OPAQUE | 110 | 98 | 1 | 3940 | 89.09 |
| | | | | 98 | 1 | 3940 | 89.09 |
| | 1803 | ALLIED PRIDE | 105 | 102 | 2 | 18390 | 97.14 |
| | | | | 102 | 2 | 18390 | 97.14 |
| | 1805 | ALLIED PRIDE | 105 | 105 | 2 | 33870 | 100.00 |
| | | | 105 | 100 | 2 | 36960 | 95.23 |
| | | | | 102 | 4 | 70830 | 97.51 |
| | 2101 | BRITISH OPAQUE | 121 | 112 | 3 | 42320 | 92.56 |
| | | | | 112 | 3 | 42320 | 92.56 |
| | 2200 | IMPERIAL BIBLE | 110 | 110 | 6 | 87040 | 100.00 |
| | | | | 110 | 6 | 87040 | 100.00 |
| | 2209 | NEWTEXT BIBLE | 102 | 96 | 11 | 144220 | 94.11 |
| | | | | 96 | 11 | 144220 | 94.11 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 110 | 7 | 94040 | 107.84 |
| | | | | 110 | 7 | 94040 | 107.84 |
| | 2241 | LAWYERS OFFSET | 110 | 108 | 3 | 58560 | 98.18 |
| | | | | 108 | 3 | 58560 | 98.18 |
| | 2505 | SOLITUDE OPAQUE | 110 | 105 | 5 | 99850 | 95.45 |
| | | | | 105 | 5 | 99850 | 95.45 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 108 | 2 | 23190 | 102.85 |
| | | | | 108 | 2 | 23190 | 102.85 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 116 | 105 | 32 | 439010 | 90.51 |
| | | | | 105 | 32 | 439010 | 90.51 |
| | 2545 | A.P. LIGHTWEIGHT | 110 | 105 | 2 | 30290 | 95.45 |
| | | | | 105 | 2 | 30290 | 95.45 |
| | 3035 | WHITE BOOK LITE | 105 | 105 | 4 | 80640 | 100.00 |

85 03852

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 105 | 4 | 80640 | 100.00 |
| | 6723 | CONBINER WRAP (ATC) | 110 | 102 | 6 | 64020 | 92.72 |
| | | | | 102 | 6 | 64020 | 92.72 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 110 | 100 | 2 | 42120 | 90.90 |
| | | | | 100 | 2 | 42120 | 90.90 |
| | 9600 | TRIAL RUNS | | 105 | 3 | | |
| | | | | | 3 | | |
| | | | | 104 | 129 | 1958970 | 95.86 |

85385

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 114 | 6 | 74371 | 111.76 |
| | | | | 114 | 6 | 74371 | 111.76 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 118 | 50 | | 115.68 |
| | | | 102 | 115 | 56 | 603916 | 112.74 |
| | | | | 115 | 106 | 603916 | 112.74 |
| | 9600 | TRIAL RUNS | | 119 | 5 | | |
| | | | | 118 | 2 | | |
| | | | | 117 | 4 | | |
| | | | | 116 | 3 | | |
| | | | | 115 | 6 | | |
| | | | | | 20 | | |
| | | | | 115 | 132 | 678287 | 112.63 |

053864 58

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1206 | SPEC A.M. PRIDE | 142 | 140 | 9 | 274850 | 98.59 |
| | | | 142 | 138 | 18 | 611975 | 97.18 |
| | | | | 139 | 27 | 886825 | 97.62 |
| | 1207 | A 7 PRIDE | 142 | 140 | 4 | 117010 | 98.59 |
| | | | | 140 | 4 | 117010 | 98.59 |
| | 1206 | A.M. PRIDE | 148 | 142 | 1 | 25080 | 95.94 |
| | | | 148 | 140 | 8 | 256400 | 94.59 |
| | | | | 140 | 9 | 281480 | 94.71 |
| | 1210 | GENERIC OFFSET | 142 | 142 | 1 | 17050 | 100.00 |
| | | | 142 | 140 | 5 | 64880 | 98.59 |
| | | | 142 | 139 | 1 | 20340 | 97.88 |
| | | | | 140 | 7 | 102270 | 98.68 |
| | 1213 | CUSTOM OFFSET | 140 | 140 | 1 | | 100.00 |
| | | | 140 | 138 | 1 | 23780 | 98.57 |
| | | | 140 | 130 | 2 | 50900 | 92.85 |
| | | | | 133 | 4 | 74680 | 94.67 |
| | 2510 | SOLITUDE OPAQUE | 148 | 148 | 1 | 17870 | 100.00 |
| | | | | 148 | 1 | 17870 | 100.00 |
| | 2536 | I & M MANUAL | 142 | 142 | 6 | 119150 | 100.00 |
| | | | 142 | 140 | 10 | 239960 | 98.59 |
| | | | 142 | 131 | 1 | 18800 | 92.25 |
| | | | 142 | 130 | 1 | 4210 | 91.54 |
| | | | | 140 | 18 | 382120 | 98.64 |
| | 3002 | SUPERIOR OFFSET | 142 | 149 | 3 | 109770 | 104.92 |
| | | | | 149 | 3 | 109770 | 104.92 |
| | 3004 | SUPERIOR OFFSET | 142 | 136 | 5 | 94160 | 95.77 |
| | | | | 136 | 5 | 94160 | 95.77 |
| | 3005 | SUPERIOR OFFSET | 142 | 128 | 6 | 112330 | 88.02 |
| | | | | 128 | 6 | 112330 | 88.02 |
| | 6519 | WHITE DIAZO PAPER | 148 | 147 | 5 | 46830 | 99.32 |
| | | | 148 | 146 | 2 | 29950 | 98.64 |
| | | | 148 | 145 | 2 | 61655 | 97.97 |
| | | | 148 | 143 | 3 | 32980 | 96.62 |
| | | | 148 | 140 | 1 | 18320 | 94.59 |
| | | | 148 | 139 | 1 | 4440 | 93.91 |
| | | | 148 | 135 | 1 | 8505 | 91.21 |
| | | | 148 | 128 | 8 | 59160 | 86.48 |
| | | | | 141 | 23 | 261840 | 95.00 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 6524 | WHITE DIAZO PAPER | 148 | 146 | 2 | 48900 | 98.64 |
| | | | | 146 | 2 | 48900 | 98.64 |
| | 7100 | K WHITE OFFSET | 142 | 146 | 1 | 16475 | 102.81 |
| | | | | 146 | 1 | 16475 | 102.81 |
| | 7101 | K WHITE OFFSET | 142 | 144 | 2 | 34410 | 101.40 |
| | | | 142 | 142 | 2 | 15990 | 100.00 |
| | | | 142 | 141 | 14 | 226220 | 99.29 |
| | | | | 141 | 18 | 276620 | 99.59 |
| | 7102 | K WHITE OFFSET | 142 | 146 | 2 | 21300 | 102.81 |
| | | | 142 | 140 | 6 | 182470 | 98.59 |
| | | | 142 | 126 | 1 | 8400 | 88.73 |
| | | | | 140 | 8 | 212170 | 98.62 |
| | 7104 | K WHITE OFFSET | 142 | 148 | 4 | 117540 | 104.22 |
| | | | 142 | 142 | 2 | 26240 | 100.00 |
| | | | 142 | 140 | 2 | 58320 | 98.59 |
| | | | | 145 | 8 | 202100 | 102.05 |
| | 7105 | K WHITE OFFSET | 146 | 142 | 1 | 9860 | 97.26 |
| | | | | 142 | 1 | 9860 | 97.26 |
| | 7107 | K WHITE OFFSET | 142 | 140 | 2 | 29040 | 98.59 |
| | | | | 140 | 2 | 29040 | 98.59 |
| | 7120 | B W K OFFSET - ANTIQUE | 142 | 146 | 3 | 39620 | 102.81 |
| | | | | 146 | 3 | 39620 | 102.81 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 142 | 125 | 2 | 42480 | 88.02 |
| | | | | 125 | 2 | 42480 | 88.02 |
| | 7122 | B W K OFFSET - ANTIQUE | 142 | 140 | 2 | 43160 | 98.59 |
| | | | 142 | 137 | 1 | 12800 | 96.47 |
| | | | 142 | 132 | 2 | 13320 | 92.95 |
| | | | 142 | 125 | 4 | 130900 | 88.02 |
| | | | | 129 | 9 | 200180 | 91.17 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 138 | 1 | 10560 | 97.18 |
| | | | 142 | 136 | 1 | 24520 | 95.77 |
| | | | 142 | 135 | 2 | 40580 | 95.07 |
| | | | | 136 | 4 | 75660 | 95.59 |
| | 7124 | B W K OFFSET ANTIQUE | 142 | 124 | 3 | 23130 | 87.32 |
| | | | | 124 | 3 | 23130 | 87.32 |
| | 7202 | RAVENSWOOD OPAQUE | 140 | 138 | 2 | 13820 | 98.57 |
| | | | | 138 | 2 | 13820 | 98.57 |

05X856 59

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MR | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 11 | 368540 | 100.00 |
| | | | 148 | 146 | 1 | 40060 | 98.64 |
| | | | | 148 | 12 | 408600 | 99.87 |
| | 9600 | TRIAL RUNS | | 136 | 1 | | |
| | | | | 128 | 2 | | |
| | | | | | 3 | | |
| | | | | 140 | 185 | 4039010 | 97.46 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1205 | A. M. PRIDE | 138 | 138 | 3 | 24840 | 100.00 |
| | | | | 138 | 3 | 24840 | 100.00 |
| | 1207 | A 7 PRIDE | 138 | 130 | 2 | 9900 | 94.20 |
| | | | 138 | 122 | 2 | 9580 | 88.40 |
| | | | 138 | 115 | 1 | 13050 | 83.33 |
| | | | | 122 | 5 | 32530 | 88.13 |
| | 1206 | A.M. PRIDE | 136 | 137 | 2 | 42120 | 100.73 |
| | | | 136 | 136 | 1 | 23640 | 100.00 |
| | | | 136 | 131 | 3 | 42300 | 96.32 |
| | | | 136 | 130 | 1 | 44400 | 95.58 |
| | | | 136 | 126 | 2 | 44050 | 92.64 |
| | | | 136 | 123 | 3 | 76360 | 90.44 |
| | | | 136 | 122 | 2 | 9030 | 89.70 |
| | | | 136 | 120 | 2 | 04680 | 88.23 |
| | | | | 127 | 16 | 346680 | 93.57 |
| | 1210 | GENERIC OFFSET | 136 | 135 | 1 | 18850 | 99.26 |
| | | | 136 | 125 | 2 | 24320 | 91.91 |
| | | | 136 | 123 | 6 | 124140 | 90.44 |
| | | | | 125 | 9 | 167310 | 91.65 |
| | 1211 | GENERIC OFFSET | 136 | 128 | 2 | 43290 | 94.11 |
| | | | | 128 | 2 | 43290 | 94.11 |
| | 1510 | WHITE SPEC K OFFSET | 132 | 134 | 2 | 10400 | 101.51 |
| | | | | 134 | 2 | 10400 | 101.51 |
| | 1800 | PRIDE OPAQUE | 136 | 124 | 2 | | 91.17 |
| | | | | | 2 | | |
| | 1805 | ALLIED PRIDE | 136 | 140 | 5 | 141270 | 102.94 |
| | | | | 140 | 5 | 141270 | 102.94 |
| | 2000 | BRITE LITE THIN | 132 | 111 | 3 | 9670 | 84.09 |
| | | | | 111 | 3 | 9670 | 84.09 |
| | 2007 | BRITE LITE PLUS | 132 | 119 | 2 | | 90.15 |
| | | | | | 2 | | |
| | 2102 | BRITISH OPAQUE | 134 | 127 | 7 | 144920 | 94.77 |
| | | | | 127 | 7 | 144920 | 94.77 |
| | 2104 | BRITISH OPAQUE | 134 | 118 | 1 | 9250 | 88.05 |
| | | | | 118 | 1 | 9250 | 88.05 |
| | 2241 | LAWYERS OFFSET | 134 | 135 | 5 | 71710 | 100.74 |
| | | | 134 | 108 | 18 | 100090 | 80.59 |

853858 50

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 119 | 23 | 171800 | 89.00 |
| | 2402 | SHAKESPEARE THIN | 133 | 138 | 1 | 11040 | 103.76 |
| | | | 133 | 128 | 4 | 44540 | 96.24 |
| | | | 133 | 125 | 5 | 88830 | 93.98 |
| | | | | 127 | 10 | 144410 | 95.42 |
| | 2505 | SOLITUDE OPAQUE | 136 | 123 | 2 | 14780 | 90.44 |
| | | | | 123 | 2 | 14780 | 90.44 |
| | 2513 | IBM SUPERIOR OFFSET | 134 | 120 | 3 | 91870 | 89.55 |
| | | | | 120 | 3 | 91870 | 89.55 |
| | 2522 | SPECIAL SOLITUDE OPAQUE | 134 | 126 | 2 | 19560 | 94.02 |
| | | | | 126 | 2 | 19560 | 94.02 |
| | 2524 | SOLITUDE OPAQUE | 134 | 128 | 1 | 5280 | 95.52 |
| | | | | 128 | 1 | 5280 | 95.52 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 132 | 128 | 15 | 313020 | 96.96 |
| | | | | 128 | 15 | 313020 | 96.96 |
| | 2549 | A.P. LIGHTWEIGHT | 134 | 128 | 5 | 90520 | 95.52 |
| | | | | 128 | 5 | 90520 | 95.52 |
| | 7100 | K WHITE OFFSET | 136 | 128 | 2 | 15100 | 94.11 |
| | | | 136 | 122 | 1 | 4880 | 89.70 |
| | | | 136 | 121 | 1 | 23200 | 88.97 |
| | | | | 124 | 4 | 43180 | 90.85 |
| | 7101 | K WHITE OFFSET | 136 | 126 | 2 | 80000 | 92.64 |
| | | | 136 | 110 | 1 | 6760 | 80.88 |
| | | | | 125 | 3 | 86760 | 91.72 |
| | 7102 | K WHITE OFFSET | 136 | 138 | 2 | 45620 | 101.47 |
| | | | 136 | 136 | 1 | 34720 | 100.00 |
| | | | 136 | 135 | 1 | 16440 | 99.26 |
| | | | 136 | 133 | 2 | 38720 | 97.79 |
| | | | 136 | 132 | 1 | 26040 | 97.05 |
| | | | 136 | 131 | 2 | 47980 | 96.32 |
| | | | 136 | 128 | 5 | 72280 | 94.11 |
| | | | 136 | 125 | 2 | 23650 | 91.91 |
| | | | 136 | 123 | 4 | 46030 | 90.44 |
| | | | 136 | 121 | 6 | 158850 | 88.97 |
| | | | | 128 | 26 | 507330 | 93.97 |
| | 7104 | K WHITE OFFSET | 136 | 138 | 2 | 21840 | 101.47 |
| | | | 136 | 130 | 1 | 31730 | 95.58 |
| | | | 136 | 129 | 1 | 14120 | 94.85 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 136 | 128 | 1 | 14820 | 94.11 |
| | | | 136 | 125 | 2 | 9950 | 91.91 |
| | | | | 131 | 7 | 92460 | 96.23 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 136 | 138 | 5 | 139560 | 101.47 |
| | | | | 138 | 5 | 139560 | 101.47 |
| | 7122 | B W K OFFSET - ANTIQUE | 136 | 132 | 1 | 18840 | 97.05 |
| | | | | 132 | 1 | 18840 | 97.05 |
| | 7123 | BW K OFFSET - ANTIQUE | 136 | 138 | 2 | 53300 | 101.47 |
| | | | | 138 | 2 | 53300 | 101.47 |
| | 7201 | RAVENSWOOD OPAQUE | 136 | 135 | 2 | 41180 | 99.26 |
| | | | | 135 | 2 | 41180 | 99.26 |
| | 7202 | RAVENSWOOD OPAQUE | 136 | 135 | 4 | 82660 | 99.26 |
| | | | 136 | 131 | 1 | 16880 | 96.32 |
| | | | 136 | 122 | 2 | 42720 | 89.70 |
| | | | | 131 | 7 | 142260 | 96.04 |
| | 9600 | TRIAL RUNS | | 138 | 2 | | |
| | | | | 133 | 1 | | |
| | | | | | 3 | | |
| | | | | 128 | 178 | 2906170 | 94.87 |

853868

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 3 | 1000 | G.P. OFFSET | 114 | 114 | 5 | 121370 | 100.00 |
| | | | | 114 | 5 | 121370 | 100.00 |
| | 1207 | A 7 PRIDE | 122 | 106 | 2 | 20430 | 86.88 |
| | | | | 106 | 2 | 20430 | 86.88 |
| | 1208 | A.M. PRIDE | 106 | 120 | 1 | 17520 | 113.20 |
| | | | 106 | 114 | 1 | 14530 | 107.54 |
| | | | 106 | 113 | 9 | 244600 | 106.60 |
| | | | 106 | 112 | 2 | 33490 | 105.66 |
| | | | 106 | 107 | 4 | 46430 | 100.94 |
| | | | 106 | 105 | 7 | 116110 | 99.05 |
| | | | 106 | 104 | 2 | 45390 | 98.11 |
| | | | 106 | 102 | 7 | 220900 | 96.22 |
| | | | 106 | 101 | 2 | 45040 | 95.28 |
| | | | | 107 | 35 | 784010 | 101.20 |
| | 1210 | GENERIC OFFSET | 105 | 123 | 2 | 45440 | 117.14 |
| | | | 105 | 121 | 2 | 41360 | 115.23 |
| | | | 105 | 120 | 4 | 85880 | 114.28 |
| | | | 105 | 116 | 3 | 54250 | 110.47 |
| | | | 105 | 115 | 2 | 6720 | 109.52 |
| | | | 105 | 114 | 3 | 111210 | 108.57 |
| | | | 105 | 111 | 1 | 26700 | 105.71 |
| | | | 105 | 108 | 1 | 6840 | 102.85 |
| | | | 105 | 105 | 3 | 51330 | 100.00 |
| | | | 105 | 92 | 1 | 3030 | 87.61 |
| | | | | 116 | 22 | 432760 | 110.06 |
| | 1933 | WHITE SPEC K OFFSET | 106 | 118 | 2 | 23510 | 108.49 |
| | | | 106 | 110 | 1 | 3360 | 103.77 |
| | | | 106 | 105 | 4 | 65830 | 99.05 |
| | | | | 108 | 7 | 92700 | 101.62 |
| | 1800 | PRIDE OPAQUE | 110 | 108 | 1 | 1700 | 98.18 |
| | | | 110 | 105 | 1 | 3960 | 95.45 |
| | | | | 106 | 2 | 5660 | 96.27 |
| | 2104 | BRITISH OPAQUE | 110 | 118 | 2 | 4880 | 107.27 |
| | | | | 118 | 2 | 4880 | 107.27 |
| | 2536 | I B M MANUAL | 110 | 105 | 3 | 50770 | 98.45 |
| | | | | 105 | 3 | 50770 | 95.45 |
| | 3001 | SUPERIOR OFFSET | 110 | 105 | 3 | 31890 | 95.45 |
| | | | | 105 | 3 | 31890 | 95.45 |
| | 3020 | DW SUPERIOR OFFSET - ANTIQUE | 110 | 117 | 1 | 11300 | 106.36 |
| | | | | 117 | 1 | 11300 | 106.36 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 3835 | WHITE BOOK LITE | 105 | 119 | 4 | 53500 | 113.33 |
| | | | | 119 | 4 | 53500 | 113.33 |
| | 7100 | K WHITE OFFSET | 110 | 105 | 1 | 9035 | 95.45 |
| | | | 110 | 99 | 1 | 23510 | 90.00 |
| | | | | 101 | 2 | 32545 | 91.51 |
| | 7101 | K WHITE OFFSET | 110 | 115 | 1 | 11010 | 104.54 |
| | | | 110 | 112 | 3 | 42540 | 101.81 |
| | | | 110 | 110 | 4 | 48630 | 100.00 |
| | | | 110 | 107 | 12 | 269950 | 97.27 |
| | | | | 108 | 20 | 372030 | 98.36 |
| | 7102 | K WHITE OFFSET | 110 | 121 | 3 | 90500 | 110.00 |
| | | | 110 | 120 | 3 | 8750 | 109.09 |
| | | | 110 | 119 | 2 | 14140 | 108.18 |
| | | | 110 | 116 | 2 | 20870 | 105.45 |
| | | | 110 | 115 | 2 | 37600 | 104.54 |
| | | | 110 | 110 | 2 | 16840 | 100.00 |
| | | | 110 | 108 | 12 | 195010 | 98.45 |
| | | | 110 | 104 | 3 | 78230 | 94.54 |
| | | | 110 | 103 | 1 | 7880 | 93.63 |
| | | | 110 | 102 | 13 | 147240 | 92.72 |
| | | | 110 | 101 | 1 | 14760 | 91.81 |
| | | | 110 | 99 | 3 | 49130 | 90.00 |
| | | | | 107 | 47 | 680950 | 97.56 |
| | 7104 | K WHITE OFFSET | 110 | 120 | 2 | 65580 | 109.09 |
| | | | 110 | 115 | 2 | 61520 | 104.54 |
| | | | 110 | 112 | 3 | 41980 | 101.81 |
| | | | 110 | 111 | 1 | 4240 | 100.90 |
| | | | 110 | 110 | 1 | 14990 | 100.00 |
| | | | 110 | 107 | 5 | 97650 | 97.27 |
| | | | 110 | 106 | 1 | 32330 | 96.36 |
| | | | 110 | 105 | 14 | 291020 | 95.45 |
| | | | 110 | 104 | 1 | 11790 | 94.54 |
| | | | 110 | 101 | 2 | 30940 | 91.81 |
| | | | 110 | 99 | 2 | 46900 | 90.00 |
| | | | | 108 | 34 | 698940 | 97.80 |
| | 7105 | K WHITE OFFSET | 110 | 115 | 1 | 9000 | 104.54 |
| | | | 110 | 105 | 1 | 11850 | 95.45 |
| | | | 110 | 100 | 2 | 38020 | 90.90 |
| | | | | 103 | 4 | 58870 | 93.90 |
| | 7107 | K WHITE OFFSET | 110 | 120 | 4 | 83620 | 109.09 |
| | | | | 120 | 4 | 83620 | 109.09 |

85862

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06,1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7121 | B.W. K OFFSET - ANTIQUE | 110 | 100 | 2 | 39390 | 90.90 |
| | | | | 100 | 2 | 39390 | 90.90 |
| | 7122 | B W K OFFSET - ANTIQUE | 110 | 113 | 2 | 28710 | 102.72 |
| | | | 110 | 112 | 3 | 52090 | 101.81 |
| | | | | 112 | 5 | 80800 | 102.13 |
| | 7123 | BW K OFFSET - ANTIQUE | 110 | 115 | 1 | 14900 | 104.54 |
| | | | 110 | 112 | 2 | 82950 | 101.81 |
| | | | | 112 | 3 | 97850 | 102.23 |
| | 7124 | B W K OFFSET ANTIQUE | 110 | 121 | 1 | 24900 | 110.00 |
| | | | 110 | 115 | 1 | 3650 | 104.54 |
| | | | 110 | 110 | 2 | 20800 | 100.00 |
| | | | 110 | 100 | 1 | 13360 | 90.90 |
| | | | | 113 | 5 | 62710 | 102.30 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 102 | 1 | 3920 | 92.72 |
| | | | | 102 | 1 | 3920 | 92.72 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 119 | 2 | 30430 | 108.18 |
| | | | 110 | 116 | 4 | 131940 | 105.45 |
| | | | 110 | 114 | 2 | 45940 | 103.63 |
| | | | 110 | 113 | 1 | 15580 | 102.72 |
| | | | 110 | 106 | 1 | 3720 | 96.36 |
| | | | 110 | 105 | 1 | 14690 | 95.45 |
| | | | | 115 | 11 | 242300 | 104.53 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 106 | 3 | 68080 | 96.36 |
| | | | 110 | 105 | 2 | 14940 | 95.45 |
| | | | | 106 | 5 | 83020 | 96.20 |
| | 7205 | RAVENSWOOD OPAQUE | 110 | 102 | 1 | 4130 | 92.72 |
| | | | | 102 | 1 | 4130 | 92.72 |
| | 9600 | TRIAL RUNS | | 109 | 2 | | |
| | | | | 103 | 2 | | |
| | | | | | 4 | | |
| | | | | 109 | 234 | 4150345 | 100.68 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 117 | 4 | 58850 | 112.50 |
| | | | 104 | 115 | 2 | 44660 | 110.57 |
| | | | | 116 | 6 | 103510 | 111.67 |
| | 276 | TYPE IV E OT BLADE BASE | 124 | 121 | 1 | 42750 | 97.58 |
| | | | 124 | 118 | 20 | 604635 | 95.16 |
| | | | | 118 | 21 | 647385 | 95.32 |
| | 1000 | U.P. OFFSET | 114 | 114 | 7 | 176590 | 100.00 |
| | | | 114 | 111 | 1 | 15420 | 97.36 |
| | | | | 114 | 8 | 192010 | 99.79 |
| | 1206 | SPEC A.M. PRIDE | 102 | 114 | 3 | 43640 | 111.76 |
| | | | 102 | 108 | 3 | 41010 | 105.88 |
| | | | | 111 | 6 | 84650 | 108.91 |
| | 1207 | A 7 PRIDE | 106 | 105 | 1 | 12270 | 99.05 |
| | | | | 105 | 1 | 12270 | 99.05 |
| | 1208 | A.M. PRIDE | 110 | 118 | 2 | 34900 | 107.27 |
| | | | 110 | 117 | 1 | 17010 | 106.36 |
| | | | 110 | 116 | 1 | 4760 | 105.45 |
| | | | 110 | 115 | 2 | 30650 | 104.54 |
| | | | 110 | 113 | 2 | 36230 | 102.72 |
| | | | 110 | 106 | 5 | 97400 | 96.36 |
| | | | 110 | 105 | 9 | 283640 | 95.45 |
| | | | 110 | 99 | 2 | 10010 | 90.00 |
| | | | 110 | 93 | 4 | 38420 | 84.54 |
| | | | | 107 | 28 | 553020 | 96.90 |
| | 1210 | GENERIC OFFSET | 110 | 110 | 1 | 4750 | 100.00 |
| | | | 110 | 106 | 1 | 10800 | 96.36 |
| | | | 110 | 105 | 3 | 102360 | 95.45 |
| | | | 110 | 103 | 2 | 24410 | 93.63 |
| | | | 110 | 97 | 2 | 28510 | 88.18 |
| | | | 110 | 93 | 1 | 9980 | 84.54 |
| | | | | 103 | 10 | 180810 | 93.63 |
| | 1211 | GENERIC OFFSET | 105 | 107 | 1 | 12930 | 101.90 |
| | | | 105 | 93 | 2 | 11520 | 88.57 |
| | | | | 100 | 3 | 24450 | 95.67 |
| | 1213 | CUSTOM OFFSET | 109 | 107 | 2 | 45130 | 98.16 |
| | | | | 107 | 2 | 45130 | 98.16 |
| | 1805 | ALLIED PRIDE | 110 | 105 | 5 | 39960 | 95.45 |
| | | | 110 | 98 | 2 | 20500 | 89.09 |
| | | | | 103 | 7 | 60460 | 93.29 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1810 | BW PRIDE OPAQUE | 110 | 89 | 3 | 27600 | 80.90 |
| | | | | 89 | 3 | 27600 | 80.90 |
| | 2536 | I B M MANUAL | 110 | 115 | 2 | 9400 | 104.54 |
| | | | 110 | 105 | 5 | 133830 | 95.45 |
| | | | | 106 | 7 | 143230 | 96.05 |
| | 3001 | SUPERIOR OFFSET | 110 | 108 | 3 | 86310 | 98.18 |
| | | | | 108 | 3 | 86310 | 98.18 |
| | 3501 | SCHOOL COTE | 105 | 119 | 3 | 36810 | 113.33 |
| | | | 105 | 105 | 1 | 4200 | 100.00 |
| | | | 105 | 100 | 2 | 21720 | 95.23 |
| | | | | 111 | 6 | 62730 | 106.17 |
| | 7100 | K WHITE OFFSET | 110 | 118 | 1 | 8080 | 107.27 |
| | | | 110 | 115 | 1 | 3800 | 104.54 |
| | | | 110 | 112 | 1 | 23740 | 101.81 |
| | | | 110 | 110 | 3 | 31550 | 100.00 |
| | | | 110 | 108 | 2 | 62040 | 98.18 |
| | | | 110 | 105 | 3 | 52310 | 95.45 |
| | | | 110 | 104 | 2 | 10450 | 94.54 |
| | | | 110 | 98 | 1 | 2760 | 89.09 |
| | | | 110 | 96 | 3 | 49330 | 87.27 |
| | | | | 106 | 17 | 244060 | 96.12 |
| | 7101 | K WHITE OFFSET | 110 | 119 | 1 | 12310 | 108.18 |
| | | | 110 | 117 | 1 | 29610 | 106.36 |
| | | | 110 | 110 | 1 | 3720 | 100.00 |
| | | | 110 | 107 | 3 | 59900 | 97.27 |
| | | | 110 | 105 | 2 | 21600 | 95.45 |
| | | | 110 | 100 | 2 | 26920 | 90.90 |
| | | | | 108 | 10 | 154060 | 98.59 |
| | 7102 | K WHITE OFFSET | 110 | 115 | 1 | 12570 | 104.54 |
| | | | 110 | 114 | 1 | 10740 | 103.63 |
| | | | 110 | 113 | 2 | 20350 | 102.72 |
| | | | 110 | 112 | 2 | 16760 | 101.81 |
| | | | 110 | 111 | 1 | 12560 | 100.90 |
| | | | 110 | 107 | 2 | 13410 | 97.27 |
| | | | 110 | 105 | 3 | 43800 | 95.45 |
| | | | 110 | 100 | 3 | 100920 | 90.90 |
| | | | 110 | 93 | 2 | 43590 | 84.54 |
| | | | | 103 | 17 | 274700 | 94.05 |
| | 7104 | K WHITE OFFSET | 110 | 112 | 2 | 34500 | 101.81 |
| | | | 110 | 111 | 2 | 21860 | 100.90 |
| | | | 110 | 108 | 2 | 13320 | 98.18 |
| | | | | 111 | 6 | 69680 | 100.83 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7109 | UW K OFFSET | 112 | 112 | 2 | 20200 | 100.00 |
| | | | 112 | 108 | 1 | 4960 | 94.64 |
| | | | | 111 | 3 | 24760 | 99.01 |
| | 7125 | UW K OFFSET - ANTIQUE | 105 | 105 | 1 | 41190 | 100.00 |
| | | | | 105 | 1 | 41190 | 100.00 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 116 | 2 | 23200 | 105.45 |
| | | | | 116 | 2 | 23200 | 105.45 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 102 | 2 | 22500 | 92.72 |
| | | | | 102 | 2 | 22500 | 92.72 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 108 | 1 | 11420 | 98.18 |
| | | | 110 | 107 | 1 | 5830 | 97.27 |
| | | | 110 | 106 | 2 | 42050 | 96.36 |
| | | | 110 | 105 | 7 | 115880 | 95.45 |
| | | | 110 | 102 | 1 | 23660 | 92.72 |
| | | | | 105 | 12 | 198840 | 95.53 |
| | 9029 | SATURATED GRAVURE BASE | 123 | 120 | 2 | 23870 | 97.56 |
| | | | 123 | 118 | 2 | 48580 | 95.93 |
| | | | | 119 | 4 | 72450 | 96.47 |
| | 9030 | SATURATED VELLUM BASE | 123 | 116 | 3 | 46790 | 94.30 |
| | | | | 116 | 3 | 46790 | 94.30 |
| | 9600 | TRIAL RUNS | | 122 | 2 | | |
| | | | | 118 | 1 | | |
| | | | | 111 | 9 | | |
| | | | | 108 | 1 | | |
| | | | | | 13 | | |
| | | | | 109 | 201 | 3395795 | 97.16 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 06.1985

| SH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 303 | LAUREL TEXT | 102 | 114 | 6 | 74371 | 111.76 |
| | | | | 114 | 6 | 74371 | 111.76 |
| | 870 | MASTERBASE TYPE IV OT | 102 | 118 | 30 | | 115.68 |
| | | | 102 | 115 | 56 | 603916 | 112.74 |
| | | | | 115 | 106 | 603916 | 112.74 |
| | 9600 | TRIAL RUNS | | 119 | 5 | | |
| | | | | 118 | 2 | | |
| | | | | 117 | 4 | | |
| | | | | 116 | 3 | | |
| | | | | 115 | 6 | | |
| | | | | | 20 | | |
| | | | | 115 | 132 | 678287 | 112.63 |

MM. 1985

| | TONS # | # | TONS |
|---|---|---|---|
| 5 | 11150 | 1375240 | 693 |
| 6 | 25500 | 3402355 | 1719 |
| 7 | 30200 | 1970090 | 1000 |
| 8 | 8100 | 3480930 | 1745 |
| 9 | 12520 | 2770240 | 1396 |
| 17 | 72437 | 309522 | 291 |
| | ~~47110~~ | | |

| | HOURS. | | |
|---|---|---|---|
| 5 | 46.7 | 555.7 | 602.4 |
| 6 | 16.0 | 563.7 | 579.7 |
| 7 | 13.6 | 571.8 | 585.4 |
| 8 | 3.4 | 605.8 | 609.2 |
| 9 | 4.1 | 557.1 | 561.2 |
| 17 | 27.3 | 138.9 | 166.2 |
| | | | 3104.1 |

| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 30.00 | 1100 | B* RAMTEXT NEW SHAD | 115.5 | 107.5 | 101.53 | 286202 | 303140 | 1820 | 301320 | 105.28 | |
| | 35.00 | 1205 | A. M. PRIDE | 8.8 | 7.9 | 97.93 | 24816 | 25390 | | 25390 | 102.31 | |
| | 40.00 | 1206 | SPEC A.M. PRIDE | 12.5 | 12.2 | 106.47 | 36584 | 35760 | | 35760 | 97.75 | |
| | 30.00 | 1800 | PRIDE OPAQUE | 6.7 | 6.5 | 105.83 | 16307 | 15000 | | 15000 | 91.99 | |
| | 35.00 | 1805 | ALLIED PRIDE | 47.4 | 43.6 | 100.35 | 127477 | 122660 | 1340 | 121320 | 95.17 | |
| | 40.00 | 1810 | BW PRIDE OPAQUE | 2.8 | 2.5 | 97.40 | 8032 | 7740 | | 7740 | 96.36 | |
| | 28.00 | 1828 | ALLIED PRIDE | 10.3 | 10.0 | 105.91 | 25301 | 26030 | | 26030 | 102.88 | |
| | 20.00 | 2000 | BRITE LITE THIN | 71.7 | 67.2 | 102.24 | 129285 | 123690 | 11750 | 111930 | 86.58 | |
| | 24.00 | 2002 | BRITE LITE THIN | 30.4 | 34.9 | 99.18 | 70357 | 66760 | | 66760 | 94.89 | |
| | 28.00 | 2101 | BRITISH OPAQUE | 14.6 | 14.2 | 106.10 | 39122 | 40160 | | 40160 | 102.65 | |
| | 28.00 | 2201 | IMPERIAL BIBLE | 33.1 | 32.6 | 107.44 | 83401 | 70590 | | 70590 | 84.64 | |
| | 24.00 | 2210 | C * IMPERIAL BIBLE | 29.2 | 27.9 | 104.23 | 63744 | 65910 | 2530 | 63380 | 99.43 | |
| | 20.00 | 2221 | EXTRA WH IMPERIAL B | 6.5 | 6.1 | 102.36 | 12560 | 11100 | | 11100 | 85.38 | |
| | 30.00 | 2240 | LAWYERS WHITE OFFSE | | | | | | | | | |
| | 35.00 | 2407 | SHAKESPEARE THIN | 8.2 | 7.6 | 101.11 | 22395 | 22680 | | 22680 | 101.27 | |
| | 35.00 | 2435 | SPEC. SHAKESPEARE T | | | | | | | | | |
| | 30.00 | 2503 | SOLITUDE OPAQUE | 69.7 | 66.5 | 104.08 | 193031 | 193990 | 1020 | 192970 | 99.97 | |
| | 20.00 | 2540 | A P LIGHT WEIGHT | | | | | | 2300 | 2300- | | |
| | 21.00 | 2541 | A P LIGHTWEIGHT TY | 122.4 | 94.4 | 84.14 | 188325 | 198560 | | 198560 | 105.43 | |
| | 30.00 | 2545 | A.P. LIGHTWEIGHT | 2.0 | 1.4 | 76.36 | 3548 | 3690 | | 3690 | 104.00 | |
| | 41.00 | 7101 | K WHITE OFFSET | 13.2 | 12.7 | 104.66 | 46369 | 42400 | | 42400 | 91.44 | |
| | 21.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 20.34 | | MACH TOTAL 1.09091 | 613.0 | 555.7 | 98.89 | 1376856 | 1375240 | 20760 | 1354480 | 98.37 | 97.29 |
| | 30.00 | 1100 | B* RAMTEXT NEW SHAD | | | | | | 1588 | 1588- | | |
| | 50.00 | 1208 | A.M. PRIDE | 11.7 | 9.1 | 84.86 | 66418 | 44365 | | 44365 | 66.80 | |
| | 60.00 | 1210 | GENERIC OFFSET | 6.5 | 5.9 | 99.02 | 44570 | 45120 | | 45120 | 101.23 | |
| | 50.00 | 1533 | WHITE SPEC K OFFSET | 2.6 | 2.6 | 109.09 | 18709 | 16580 | 1320 | 15260 | 81.57 | |
| | 30.00 | 2202 | IMPERIAL BIBLE | 14.2 | 9.8 | 75.29 | 39842 | 20660 | 2730 | 17930 | 45.00 | |
| | 50.00 | 2536 | I B M MANUAL | 115.5 | 90.3 | 85.29 | 649793 | 592660 | 20270 | 572390 | 88.09 | |
| | 60.00 | 2537 | MANUAL OFFSET M.F. | | | | | | | | | |
| | 55.00 | 2903 | DICKENS OFFSET | 11.7 | 7.5 | 69.93 | 57750 | 29120 | | 29120 | 50.42 | |
| | 60.00 | 2904 | DICKENS OFFSET | | | | | | | | | |
| | 50.00 | 3002 | SUPERIOR OFFSET | 16.1 | 14.3 | 96.89 | 95766 | 102190 | | 102190 | 106.71 | |
| | 60.00 | 3004 | SUPERIOR OFFSET | .8 | .8 | 109.09 | 5915 | 5420 | | 5420 | 91.63 | |
| | 70.00 | 3005 | SUPERIOR OFFSET | | | | | | | | | |
| | 65.00 | 3024 | SUPERIOR OFFSET - A | 19.1 | 18.2 | 103.95 | 131680 | 134100 | | 134100 | 101.84 | |
| | 48.00 | 6519* | WHITE DIAZO PAPER | 51.2 | 49.2 | 104.83 | 304098 | 305820 | 9940 | 295880 | 97.30 | |
| | 40.00 | 7100 | K WHITE OFFSET | 16.5 | 14.0 | 92.56 | 83229 | 54710 | | 54710 | 65.73 | |
| | 45.00 | 7101 | K WHITE OFFSET | 10.5 | 9.9 | 102.86 | 62412 | 49980 | 4030 | 45950 | 73.62 | |
| | 50.00 | 7102 | K WHITE OFFSET | 75.1 | 67.1 | 97.47 | 480665 | 456110 | 15440 | 440670 | 91.68 | |
| | 85.00 | 7103 | K WHITE OFFSET | .8 | .6 | 81.82 | 4884 | 5260 | | 5260 | 107.70 | |
| | 60.00 | 7104 | K WHITE OFFSET | 51.0 | 48.6 | 103.96 | 364856 | 361060 | 2210 | 358850 | 98.38 | |
| | 40.00 | 7120 | B * K OFFSET - ANTI | 16.9 | 10.5 | 67.78 | 62852 | 39150 | 2140 | 37010 | 58.88 | |
| | 45.00 | 7121 | B.*. K OFFSET - ANT | 1.5 | .9 | 65.45 | 5178 | 4600 | | 4600 | 88.84 | |
| | 50.00 | 7122 | B W K OFFSET - ANTI | 11.8 | 11.2 | 103.54 | 80594 | 82280 | | 82280 | 102.09 | |

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 86.00 | 2982 | OPACIFIED OFFSET JC | 16.1 | 15.4 | 92.82 | 86108 | 97640 | | 97640 | 113.39 | |
| 50.00 | 3002 | SUPERIOR OFFSET | | | | | | | | | |
| 38.00 | 3036 | WORLD BOOK ENCYCLOP | | | | | | | | | |
| 40.00 | 7000 | CALENDAR PAD OFFSET | 2.3 | 2.0 | 94.86 | 9439 | 8410 | | 8410 | 89.10 | |
| 40.00 | 7100 | K WHITE OFFSET | 41.9 | 38.8 | 101.02 | 167572 | 181950 | 306 | 181644 | 108.40 | |
| 45.00 | 7101 | K WHITE OFFSET | 7.2 | 6.6 | 100.00 | 35099 | 35340 | | 35340 | 100.69 | |
| 50.00 | 7102 | K WHITE OFFSET | 176.6 | 167.4 | 103.41 | 950091 | 995020 | 1780 | 993240 | 104.54 | |
| 60.00 | 7104 | K WHITE OFFSET | 75.4 | 68.6 | 99.25 | 397413 | 454700 | 1330 | 453370 | 114.08 | |
| 70.00 | 7105 | K WHITE OFFSET | | | | | | 1300 | 1300- | | |
| 80.00 | 7107 | K WHITE OFFSET | 24.9 | 22.0 | 96.39 | 122611 | 133970 | | 133970 | 109.26 | |
| 99.99 | 7109 | BW K OFFSET | 44.6 | 40.7 | 99.55 | 212221 | 198450 | | 198450 | 93.51 | |
| 45.00 | 7121 | B.W. K OFFSET - ANT | 69.4 | 56.7 | 104.13 | 271815 | 298260 | | 298260 | 109.73 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 45.8 | 40.8 | 97.13 | 225064 | 246990 | | 246990 | 109.74 | |
| 55.00 | 7123 | BW K OFFSET - ANTIQ | 29.5 | 28.1 | 103.91 | 166144 | 189960 | | 189960 | 114.33 | |
| 60.00 | 7124 | B W K OFFSET ANTIQU | 15.1 | 14.9 | 107.65 | 82001 | 94030 | | 94030 | 114.67 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 16.8 | 15.7 | 101.95 | 88010 | 96500 | | 96500 | 109.65 | |
| 60.00 | 7204 | RAVENSWOOD OPAQUE | 8.1 | 8.1 | 109.09 | 50034 | 51330 | | 51330 | 102.59 | |
| 80.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| 54.78 | | MACH TOTAL 1.09091 | 650.8 | 605.8 | 101.55 | 3240069 | 3480930 | 11476 | 3469454 | 107.08 | 108.74 |
| 30.00 | 203 | LAUREL TEXT - RS | 19.7 | 17.6 | 97.46 | 72443 | 67420 | | 67420 | 93.07 | |
| 32.00 | 212 | LAUREL TEXT R.S. | 33.9 | 32.1 | 103.30 | 104752 | 122970 | | 122970 | 117.39 | |
| 64.00 | 271* | TYPE IV BASE STOCK | 14.2 | 11.9 | 91.42 | 52204 | 62480 | 2060 | 60420 | 115.74 | |
| 55.00 | 274* | TYPE 904-B R.S. | 8.3 | 7.2 | 94.63 | 32128 | 34540 | | 34540 | 107.51 | |
| 60.00 | 276 | TYPE IV E DT BLADE | 72.6 | 63.0 | 94.67 | 325640 | 354250 | | 354250 | 108.79 | |
| 68.00 | 291 | A P WALLPAPER BASE | 21.9 | 17.2 | 85.68 | 82496 | 97550 | | 97550 | 118.25 | |
| 45.00 | 1000 | U.P. OFFSET | 23.3 | 13.3 | 62.27 | 69440 | 67440 | | 67440 | 97.12 | |
| 45.00 | 1207 | A 7 PRIDE | 21.0 | 19.1 | 99.22 | 94093 | 99400 | | 99400 | 105.64 | |
| 50.00 | 1208 | A.M. PRIDE | 14.5 | 13.8 | 103.82 | 73607 | 81900 | 1320 | 80580 | 109.47 | |
| 30.00 | 1900 | PRIDE OPAQUE | 4.0 | 2.5 | 68.18 | 7560 | 6360 | | 6360 | 84.13 | |
| 35.00 | 1805 | ALLIED PRIDE | 39.3 | 30.7 | 85.22 | 113399 | 114140 | | 114140 | 100.65 | |
| 40.00 | 1810 | BW PRIDE OPAQUE | 11.4 | 10.4 | 99.52 | 44771 | 50010 | | 50010 | 111.70 | |
| 43.00 | 2243 | LAWYERS OFFSET | 22.0 | 20.9 | 103.64 | 106187 | 113810 | | 113810 | 107.18 | |
| 50.00 | 2536 | I B M MANUAL | 46.8 | 40.5 | 94.41 | 216489 | 206590 | 1460 | 205130 | 94.75 | |
| 60.00 | 2537 | MANUAL OFFSET M.F. | 6.8 | 4.4 | 70.59 | 24668 | 28140 | | 28140 | 114.07 | |
| 40.00 | 7000 | CALENDAR PAD OFFSET | 24.3 | 20.3 | 91.13 | 94881 | 85530 | | 85530 | 90.14 | |
| 40.00 | 7100 | K WHITE OFFSET | 28.3 | 26.9 | 103.69 | 115733 | 123490 | 890 | 122600 | 105.93 | |
| 45.00 | 7101 | K WHITE OFFSET | 33.8 | 31.0 | 100.05 | 151983 | 155370 | 1900 | 153470 | 100.98 | |
| 50.00 | 7102 | K WHITE OFFSET | 92.2 | 81.8 | 96.79 | 461426 | 444370 | 4835 | 439535 | 95.26 | |
| 40.00 | 7120 | B W K OFFSET - ANTI | | | | | | 1180 | 1180- | | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 3.8 | 2.8 | 80.38 | 14366 | 15960 | 670 | 15290 | 106.43 | |
| 70.00 | 7125 | BW K OFFSET - ANTIQ | 24.0 | 22.0 | 100.00 | 125201 | 95130 | | 95130 | 75.98 | |
| 40.00 | 7200 | RAVENSWOOD OPAQUE | 6.2 | 5.3 | 93.26 | 23214 | 26920 | | 26920 | 115.96 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 7.0 | 6.1 | 95.07 | 31848 | 33890 | | 33890 | 106.41 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 29.8 | 28.1 | 102.97 | 152200 | 161980 | | 161980 | 106.43 | |
| 68.50 | 9029* | SATURATED GRAVURE B | 17.9 | 11.2 | 68.26 | 53239 | 56600 | | 56600 | 106.31 | |
| 66.50 | 9030* | SATURATED VELLUM BA | 21.3 | 17.0 | 87.07 | 79272 | 73500 | | 73500 | 92.72 | |

053828

| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 40.00 | 7200 | RAVENSWOOD OPAQUE | 83.0 | 78.2 | 102.78 | 449637 | 451030 | | 451030 | 100.31 | |
| | 50.00 | 7202 | RAVENSWOOD OPAQUE | 12.9 | 12.9 | 109.09 | 92828 | 100420 | | 100420 | 108.18 | |
| | 29.50 | 9001 | DUPONT PAPER (BLUE) | 104.0 | 101.8 | 106.78 | 442946 | 501720 | | 501720 | 113.27 | |
| | 49.00 | 9600 | TRIAL RUNS | 1.3 | | | | | | | | |
| | 46.52 | | MACH SUBTOTAL | 583.5 | 514.2 | 96.13 | 3240524 | 3096535 | 49728 | 3046807 | 94.02 | 90.39 |
| | 48.00 | | *MACH SUBTOTAL | 51.2 | 49.2 | 104.83 | 304098 | 305820 | 9940 | 295880 | 97.30 | 102.00 |
| | 46.66 | | MACH TOTAL 1.09091 | 634.7 | 563.4 | 96.84 | 3544622 | 3402355 | 59668 | 3342687 | 94.30 | 91.32 |
| | 40.93 | | MILL C SUBTOTAL | 1196.5 | 1069.9 | 97.55 | 4617380 | 4471775 | 70488 | 4401287 | 95.32 | 92.98 |
| | 48.00 | | *MILL C SUBTOTAL | 51.2 | 49.2 | 104.83 | 304098 | 305820 | 9940 | 295880 | 97.30 | 102.00 |
| | 41.38 | | MILL C TOTAL | 1247.7 | 1119.1 | 97.85 | 4921478 | 4777595 | 80428 | 4697167 | 95.44 | 93.39 |
| | 45.00 | 1207 | A P PRIDE | 26.4 | 22.9 | 94.63 | 130730 | 147260 | | 147260 | 112.64 | |
| | 35.00 | 1963 | ALLIED PRIDE | 21.8 | 20.6 | 103.09 | 82563 | 101670 | | 101670 | 123.14 | |
| | 26.00 | 1826 | ALLIED PRIDE | 34.5 | 34.0 | 107.51 | 108295 | 117550 | | 117550 | 108.55 | |
| | 20.00 | 1842 | ALLIED PRIDE | 78.2 | 70.3 | 98.07 | 156907 | 139280 | 2640 | 136640 | 87.08 | |
| | 20.00 | 2000 | BRITE LITE THIN | 60.5 | 56.7 | 76.84 | 126671 | 44200 | 880 | 43320 | 34.20 | |
| | 24.00 | 2210 | C P IMPERIAL BIBLE | 74.4 | 67.6 | 99.12 | 204203 | 228380 | 1260 | 227120 | 111.22 | |
| | 24.00 | 2402 | SHAKESPEARE THIN | 62.3 | 59.4 | 104.01 | 179431 | 217810 | | 217810 | 121.39 | |
| | 30.00 | 2503 | SOLITUDE OPAQUE | 30.3 | 26.2 | 94.33 | 97080 | 112460 | | 112460 | 115.84 | |
| | 35.00 | 2504 | SOLITUDE OPAQUE | 1.1 | 7.3 | 98.32 | 31010 | 40450 | | 40450 | 130.44 | |
| | 40.00 | 2513 | IBM SUPERIOR OFFSET | 23.0 | 21.9 | 103.87 | 118047 | 129390 | | 129390 | 109.61 | |
| | 35.00 | 2514 | INTERNATIONAL HARVE | 2.9 | 2.7 | 101.57 | 12234 | 13540 | | 13540 | 110.68 | |
| | 35.00 | 2522 | SPECIAL SOLITUDE OP | 8.6 | 8.4 | 106.59 | 37467 | 47160 | | 47160 | 125.87 | |
| | 20.00 | 2540 | A P LIGHT WEIGHT | | | | | | 2260 | 2260- | | |
| | 21.00 | 2541 | A P LIGHTWEIGHT TY | 115.0 | 105.4 | 99.98 | 259023 | 249590 | | 249590 | 96.36 | |
| | 30.00 | 2543 | A.P. LIGHTWEIGHT | 24.4 | 22.8 | 100.60 | 89724 | 109090 | | 105090 | 117.13 | |
| | 35.00 | 2545 | A.P. LIGHTWEIGHT | | | | | | 1920 | 1920- | | |
| | 35.00 | 3534 | SCHOOL COTE | | | | | | | | | |
| | 40.00 | 7100 | K WHITE OFFSET | 3.9 | 3.2 | 89.51 | 17711 | 19320 | | 19320 | 109.08 | |
| | 45.00 | 7101 | K WHITE OFFSET | | | | | | 1660 | 1660- | | |
| | 60.00 | 7104 | K WHITE OFFSET | 41.9 | 31.2 | 81.23 | 201414 | 189700 | 2460 | 187240 | 92.96 | |
| | 45.00 | 7201 | RAVENSWOOD OPAQUE | | | | | | | | | |
| | 50.00 | 7202 | RAVENSWOOD OPAQUE | 11.7 | 11.5 | 107.23 | 62203 | 67240 | | 67240 | 106.10 | |
| | 45.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 32.19 | | MACH TOTAL 1.09091 | 647.9 | 571.8 | 96.38 | 1914713 | 1970090 | 13080 | 1957010 | 102.21 | 98.40 |
| | 50.00 | 1208 | A.M. PRIDE | 41.3 | 39.6 | 104.60 | 219301 | 250420 | | 250420 | 114.19 | |
| | 60.00 | 1210 | GENERIC OFFSET | 1.6 | 1.3 | 88.64 | 7330 | 7950 | | 7950 | 108.46 | |
| | 40.00 | 1503 | WHITE SPEC K OFFSET | | | | | | 2080 | 2080- | | |
| | 50.00 | 1533 | WHITE SPEC K OFFSET | | | | | | 2150 | 2150- | | |
| | 60.00 | 1559 | WHITE SPEC K OFFSET | | | | | | 1220 | 1220- | | |
| | 50.00 | 1803 | ALLIED PRIDE | 39.8 | 36.7 | 100.59 | 136410 | 125340 | | 125340 | 91.88 | |
| | 60.00 | 1906 | TENNYSON OFFSET | 2.4 | 2.4 | 109.09 | 13406 | 14670 | 1310 | 13360 | 99.66 | |

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| 48.92 | | MACH SUBTOTAL | 586.6 | 509.8 | 94.81 | 2506397 | 2552620 | 12285 | 2540365 | 101.36 | 96.09 |
| 65.21 | | *MACH SUBTOTAL | 61.7 | 47.3 | 83.63 | 216843 | 227120 | 2060 | 225060 | 103.79 | 86.80 |
| 50.25 | | MACH TOTAL 1.09091 | 648.3 | 557.1 | 93.74 | 2723240 | 2779740 | 14315 | 2765425 | 101.55 | 95.20 |
| 47.35 | | MILL D SUBTOTAL | 1885.3 | 1687.4 | 97.64 | 7661179 | 8003640 | 36811 | 7966829 | 103.99 | 101.54 |
| 65.21 | | *MILL D SUBTOTAL | 61.7 | 47.3 | 83.63 | 216843 | 227120 | 2060 | 225060 | 103.79 | 86.80 |
| 47.84 | | MILL D TOTAL | 1947.0 | 1734.7 | 97.20 | 7878022 | 8230760 | 38871 | 8191889 | 103.98 | 101.07 |
| 48.05 | | BOOK MILL SUBTOT | 3081.8 | 2757.3 | 97.60 | 12278559 | 12475415 | 107299 | 12368116 | 100.73 | 98.32 |
| 55.33 | | *BOOK MILL SUBTOT | 112.9 | 96.5 | 93.24 | 520941 | 532940 | 12000 | 520940 | 100.00 | 93.24 |
| 48.47 | | BOOK MILL TOTAL | 3194.7 | 2853.8 | 97.45 | 12799500 | 13008355 | 119299 | 12889056 | 100.70 | 98.13 |
| 50.00 | 803 | LAUREL TEXT | 13.1 | 8.6 | 75.03 | 75562 | 55703 | 3400 | 52303 | 69.22 | |
| 43.00 | 812 | LAUREL TEXT | 26.8 | 19.2 | 81.88 | 143905 | 106598 | | 106598 | 74.08 | |
| 90.00 | 871* | MASTERBASE TYPE V L | 16.9 | 15.1 | 102.11 | 44867 | 43393 | | 43393 | 96.71 | |
| 78.00 | 874* | TYPE 904-B | 15.5 | 13.7 | 101.01 | 34063 | 31088 | | 31088 | 91.26 | |
| 87.50 | 875 | MASTERBASE TYPE IV | 86.9 | 71.9 | 94.56 | 313442 | 227608 | 1028 | 226580 | 72.29 | |
| 78.00 | 878* | MASTER BASE TYPE IV | 12.3 | 10.4 | 96.63 | 29105 | 45135 | | 45135 | 155.08 | |
| 87.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| 69.98 | | BLADE SUBTOTAL | 126.8 | 99.7 | 89.86 | 532909 | 389909 | 4428 | 385481 | 72.34 | 68.00 |
| 82.35 | | *BLADE SUBTOTAL | 44.7 | 39.2 | 100.22 | 108035 | 119613 | | 119613 | 110.72 | 110.96 |
| 72.88 | | BLADE COATER 1.14286 | 171.5 | 136.9 | 92.56 | 640944 | 509522 | 4428 | 505094 | 78.80 | 72.94 |
| 45.80 | | GRAND SUBTOTAL | 3208.6 | 2857.0 | 97.30 | 12811468 | 12863324 | 111727 | 12753597 | 99.55 | 96.86 |
| 60.29 | | *GRAND SUBTOTAL | 157.6 | 135.7 | 95.22 | 628976 | 652553 | 12000 | 640553 | 101.84 | 96.98 |
| 46.50 | | GRAND TOTAL | 3366.2 | 2992.7 | 97.20 | 13440444 | 13517877 | 123727 | 13394150 | 99.66 | 96.87 |

SD 053822

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 05/29/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MCH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1100 | GW RAMTEXT NEW SHADE EU | 640 | 640 | 3 | 50020 | 100.00 |
| | | | 640 | 670 | 12 | 253120 | 104.68 |
| | | | | 665 | 15 | 303140 | 103.91 |
| | 1205 | A. M. PRIDE | 590 | 580 | 1 | 16630 | 98.30 |
| | | | 590 | 600 | 2 | 8760 | 101.69 |
| | | | | 587 | 3 | 25390 | 99.47 |
| | 1206 | SPEC A.M. PRIDE | 560 | 540 | 2 | 35760 | 96.42 |
| | | | | 540 | 2 | 35760 | 96.42 |
| | 1800 | PRIDE OPAQUE | 640 | 670 | 1 | 15000 | 104.68 |
| | | | | 670 | 1 | 15000 | 104.68 |
| | 1805 | ALLIED PRIDE | 590 | 600 | 8 | 118460 | 101.69 |
| | | | 590 | 690 | 1 | 4200 | 116.94 |
| | | | | 603 | 9 | 122660 | 102.21 |
| | 1810 | GW PRIDE OPAQUE | 560 | | 1 | | |
| | | | 560 | 540 | 1 | 7740 | 96.42 |
| | | | | 540 | 2 | 7740 | 96.42 |
| | 1926 | ALLIED PRIDE | 660 | 660 | 2 | 4320 | 100.00 |
| | | | 660 | 670 | 2 | 21710 | 101.51 |
| | | | | 668 | 4 | 26030 | 101.26 |
| | 2000 | BRITE LITE THIN | 710 | 700 | 1 | 2680 | 98.59 |
| | | | 710 | 710 | 5 | 64360 | 100.00 |
| | | | 710 | 740 | 6 | 56640 | 104.22 |
| | | | | 724 | 12 | 123680 | 101.90 |
| | 2002 | BRITE LITE THIN | 700 | | 1 | | |
| | | | 700 | 680 | 3 | 29710 | 97.14 |
| | | | 700 | 700 | 3 | 37050 | 100.00 |
| | | | | 691 | 7 | 66760 | 98.73 |
| | 2101 | BRITISH OPAQUE | 660 | 660 | 3 | 40160 | 100.00 |
| | | | | 660 | 3 | 40160 | 100.00 |
| | 2201 | IMPERIAL BIBLE | 660 | 640 | 3 | 43110 | 96.96 |
| | | | 660 | 660 | 2 | 14010 | 100.00 |
| | | | 660 | 680 | 1 | 13470 | 103.03 |
| | | | | 652 | 6 | 70590 | 98.72 |
| | 2210 | C W IMPERIAL BIBLE | 700 | 700 | 3 | 50460 | 100.00 |
| | | | 700 | 740 | 1 | 15450 | 105.71 |
| | | | | 709 | 4 | 65910 | 101.34 |
| | 2241 | EXTRA WH IMPERIAL BIBLE | 710 | 710 | 2 | 11100 | 100.00 |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 05/29/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 710 | 2 | 11100 | 100.00 |
| | 2407 | SHAKESPEARE THIN | 590 | 600 | 1 | 10420 | 101.69 |
| | | | 590 | 610 | 1 | 12260 | 103.38 |
| | | | | 605 | 2 | 22680 | 102.60 |
| | 2503 | SOLITUDE OPAQUE | 640 | 600 | 1 | 21670 | 93.75 |
| | | | 640 | 650 | 2 | 31630 | 101.56 |
| | | | 640 | 660 | 4 | 74360 | 103.12 |
| | | | 640 | 680 | 6 | 66330 | 106.25 |
| | | | | 659 | 13 | 193990 | 102.89 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 710 | 700 | 1 | 7530 | 98.59 |
| | | | 710 | 740 | 16 | 191030 | 104.22 |
| | | | | 738 | 17 | 198560 | 104.01 |
| | 2543 | A.P. LIGHTWEIGHT | 640 | 640 | 1 | 3690 | 100.00 |
| | | | | 640 | 1 | 3690 | 100.00 |
| | 7101 | K WHITE OFFSET | 520 | 510 | 1 | 7760 | 98.07 |
| | | | 520 | 520 | 1 | 30520 | 100.00 |
| | | | 520 | 570 | 1 | 4120 | 109.61 |
| | | | | 523 | 3 | 42400 | 100.58 |
| | 9600 | TRIAL RUNS | | | 1 | | |
| | | | | 470 | 2 | | |
| | | | | 500 | 5 | | |
| | | | | | 8 | | |
| | | | | 667 | 114 | 1375240 | 102.17 |

85824

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1208 | A.M. PRIDE | 730 | 750 | 2 | 44365 | 102.73 |
| | | | | 750 | 2 | 44365 | 102.73 |
| | 1210 | GENERIC OFFSET | 630 | 660 | 2 | 45120 | 104.76 |
| | | | | 660 | 2 | 45120 | 104.76 |
| | 1533 | WHITE SPEC K OFFSET | 730 | 750 | 1 | 16580 | 102.73 |
| | | | | 750 | 1 | 16580 | 102.73 |
| | 2202 | IMPERIAL BIBLE | 770 | 750 | 3 | 20660 | 97.40 |
| | | | | 750 | 3 | 20660 | 97.40 |
| | 2536 | I B M MANUAL | 730 | | 1 | | |
| | | | 730 | 720 | 1 | 32160 | 98.63 |
| | | | 730 | 730 | 6 | 221020 | 100.00 |
| | | | 730 | 750 | 12 | 339480 | 102.73 |
| | | | | 741 | 20 | 592660 | 101.49 |
| | 2903 | DICKENS OFFSET | 710 | 690 | 2 | 28120 | 97.18 |
| | | | 710 | 770 | 1 | 1000 | 108.45 |
| | | | | 693 | 3 | 29120 | 97.57 |
| | 3002 | SUPERIOR OFFSET | 730 | 760 | 2 | 46340 | 104.10 |
| | | | 730 | 770 | 2 | 55350 | 105.47 |
| | | | | 765 | 4 | 102190 | 104.85 |
| | 3004 | SUPERIOR OFFSET | 630 | 620 | 1 | 5420 | 98.41 |
| | | | | 620 | 1 | 5420 | 98.41 |
| | 3024 | SUPERIOR OFFSET - ANTIQUE | 630 | 660 | 4 | 134100 | 104.76 |
| | | | | 660 | 4 | 134100 | 104.76 |
| | 6519 | WHITE DIAZO PAPER | 650 | 700 | 10 | 154510 | 107.69 |
| | | | 650 | 720 | 16 | 151310 | 110.76 |
| | | | | 710 | 28 | 305520 | 109.21 |
| | 7100 | K WHITE OFFSET | 780 | 780 | 4 | 54710 | 104.00 |
| | | | | 780 | 4 | 54710 | 104.00 |
| | 7101 | K WHITE OFFSET | 740 | 750 | 3 | 49980 | 101.35 |
| | | | | 750 | 3 | 49980 | 101.35 |
| | 7102 | K WHITE OFFSET | 730 | 730 | 1 | 29380 | 100.00 |
| | | | 730 | 750 | 7 | 192320 | 102.73 |
| | | | 730 | 760 | 7 | 120170 | 104.10 |
| | | | 730 | 770 | 4 | 114240 | 105.47 |
| | | | | 756 | 19 | 456110 | 103.60 |
| | 7103 | K WHITE OFFSET | 710 | 690 | 1 | 5260 | 97.18 |

853875 05

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 4
RUN DATE: 05/29/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 690 | 1 | 5260 | 97.18 |
| | 7104 | K WHITE OFFSET | 630 | | 1 | | |
| | | | 630 | 620 | 7 | 304420 | 98.41 |
| | | | 630 | 640 | 1 | 13370 | 101.58 |
| | | | 630 | 660 | 1 | 22650 | 104.76 |
| | | | 630 | 680 | 2 | 20620 | 107.93 |
| | | | | 627 | 12 | 361060 | 99.47 |
| | 7120 | B & K OFFSET - ANTIQUE | 750 | 760 | 1 | 4560 | 101.33 |
| | | | 750 | 770 | 3 | 34590 | 102.66 |
| | | | | 769 | 4 | 39150 | 102.51 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 740 | 760 | 1 | 4600 | 101.35 |
| | | | | 760 | 1 | 4600 | 101.35 |
| | 7122 | B & K OFFSET - ANTIQUE | 730 | 730 | 1 | 42680 | 102.73 |
| | | | 730 | 760 | 2 | 39600 | 104.10 |
| | | | | 755 | 3 | 82280 | 103.39 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | | 1 | | |
| | | | 750 | 750 | 3 | 36940 | 100.00 |
| | | | 750 | 770 | 1 | 34460 | 102.66 |
| | | | 750 | 800 | 9 | 379630 | 106.65 |
| | | | | 794 | 14 | 451030 | 105.81 |
| | 7202 | RAVENSWOOD OPAQUE | 730 | 730 | 1 | 26620 | 100.00 |
| | | | 730 | 770 | 2 | 79800 | 105.47 |
| | | | | 762 | 3 | 100420 | 104.35 |
| | 9001 | DUPONT PAPER (BLUE) | 700 | | 1 | | |
| | | | 700 | 770 | 1 | 25140 | 110.00 |
| | | | 700 | 800 | 14 | 476580 | 114.28 |
| | | | | 798 | 16 | 501720 | 114.07 |
| | 9600 | TRIAL RUNS | | | 1 | | |
| | | | | 620 | 2 | | |
| | | | | 700 | 1 | | |
| | | | | 800 | 2 | | |
| | | | | | 5 | | |
| | | | | 742 | 152 | 3402355 | 105.08 |

SD 05X876

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1207 | A 7 PRIDE | 710 | 730 | 1 | 40050 | 102.81 |
| | | | 710 | 750 | 1 | 18480 | 105.63 |
| | | | 710 | 780 | 1 | 40670 | 109.85 |
| | | | 710 | 800 | 1 | 48060 | 112.67 |
| | | | | 769 | 4 | 147260 | 108.33 |
| | 1803 | ALLIED PRIDE | 750 | 885 | 2 | 56090 | 113.00 |
| | | | 750 | 900 | 2 | 45580 | 120.00 |
| | | | | 892 | 4 | 101670 | 118.90 |
| | 1826 | ALLIED PRIDE | 740 | 730 | 1 | 25420 | 98.64 |
| | | | 740 | 780 | 1 | 10340 | 105.40 |
| | | | 740 | 810 | 2 | 50450 | 109.45 |
| | | | 740 | 830 | 2 | 31340 | 112.16 |
| | | | | 795 | 6 | 117550 | 107.48 |
| | 1842 | ALLIED PRIDE | 720 | | 1 | | |
| | | | 720 | 760 | 5 | 54700 | 105.55 |
| | | | 720 | 780 | 5 | 84580 | 108.33 |
| | | | | 772 | 11 | 139280 | 107.24 |
| | 2000 | BRITE LITE THIN | 720 | | 2 | | |
| | | | 720 | 700 | 1 | 5700 | 97.22 |
| | | | 720 | 730 | 1 | 1500 | 101.38 |
| | | | 720 | 760 | 3 | 13670 | 105.55 |
| | | | 720 | 780 | 7 | 14750 | 108.33 |
| | | | 720 | 810 | 2 | 8580 | 112.50 |
| | | | | 768 | 16 | 44200 | 106.61 |
| | 2210 | C = IMPERIAL BIBLE | 740 | 870 | 8 | 188820 | 117.56 |
| | | | 740 | 900 | 2 | 39560 | 121.67 |
| | | | | 875 | 10 | 228380 | 118.26 |
| | 2402 | SHAKESPEARE THIN | 740 | 830 | 1 | 3430 | 112.16 |
| | | | 740 | 850 | 3 | 85080 | 114.86 |
| | | | 740 | 870 | 4 | 99150 | 117.56 |
| | | | 740 | 880 | 1 | 30150 | 118.91 |
| | | | | 863 | 9 | 217810 | 116.61 |
| | 2503 | SOLITUDE OPAQUE | 750 | 840 | 4 | 100480 | 112.00 |
| | | | 750 | 850 | 1 | 11980 | 113.33 |
| | | | | 841 | 5 | 112460 | 112.14 |
| | 2504 | SOLITUDE OPAQUE | 750 | 900 | 2 | 40450 | 120.00 |
| | | | | 900 | 2 | 40450 | 120.00 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | 800 | 4 | 129390 | 108.10 |
| | | | | 800 | 4 | 129390 | 108.10 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 750 | 900 | 1 | 13540 | 120.00 |
| | | | | 900 | 1 | 13540 | 120.00 |
| | 2522 | SPECIAL SOLITUDE OPAQUE | 750 | | 1 | | |
| | | | 750 | 840 | 2 | 47160 | 112.00 |
| | | | | 840 | 3 | 47160 | 112.00 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 720 | 760 | 4 | 85440 | 105.55 |
| | | | 720 | 780 | 10 | 140360 | 108.33 |
| | | | 720 | 790 | 1 | 23790 | 109.72 |
| | | | | 774 | 15 | 249590 | 107.51 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 810 | 2 | 5460 | 108.00 |
| | | | 750 | 850 | 3 | 38260 | 113.33 |
| | | | 750 | 885 | 1 | 22150 | 118.00 |
| | | | 750 | 900 | 1 | 39220 | 120.00 |
| | | | | 874 | 7 | 105090 | 116.53 |
| | 7100 | K WHITE OFFSET | 740 | 886 | 2 | 19320 | 119.59 |
| | | | | 885 | 2 | 19320 | 119.59 |
| | 7104 | K WHITE OFFSET | 580 | 590 | 3 | 53180 | 101.72 |
| | | | 580 | 600 | 1 | 4850 | 103.44 |
| | | | 580 | 610 | 1 | 36130 | 105.17 |
| | | | 580 | 640 | 3 | 29210 | 110.34 |
| | | | 580 | 710 | 4 | 67330 | 122.41 |
| | | | | 644 | 12 | 189700 | 111.05 |
| | 7202 | RAVENSWOOD OPAQUE | 680 | 710 | 4 | 67240 | 104.41 |
| | | | | 710 | 4 | 67240 | 104.41 |
| | 9600 | TRIAL RUNS | | | 2 | | |
| | | | | 600 | 4 | | |
| | | | | | 6 | | |
| | | | | 805 | 121 | 1970090 | 111.96 |

05828

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1208 | A.M. PRIDE | 750 | 790 | 6 | 149960 | 105.33 |
| | | | 750 | 795 | 3 | 100460 | 106.00 |
| | | | | 792 | 9 | 250420 | 105.60 |
| | 1210 | GENERIC OFFSET | 630 | 710 | 1 | 7950 | 112.69 |
| | | | | 710 | 1 | 7950 | 112.69 |
| | 1605 | ALLIED PRIDE | 750 | | 1 | | |
| | | | 750 | 750 | 1 | 3070 | 100.00 |
| | | | 750 | 780 | 4 | 101180 | 104.00 |
| | | | 780 | 790 | 2 | 21090 | 105.33 |
| | | | | 781 | 8 | 125340 | 104.13 |
| | 1904 | TENNYSON OFFSET | 630 | 750 | 1 | 14670 | 119.04 |
| | | | | 750 | 1 | 14670 | 119.04 |
| | 2902 | UPACIFIED OFFSET JCPA80 | 630 | 710 | 1 | 13910 | 112.69 |
| | | | 630 | 730 | 3 | 83730 | 115.87 |
| | | | | 727 | 4 | 97640 | 115.42 |
| | 7000 | CALENDAR PAD OFFSET | 760 | 780 | 1 | 8410 | 102.63 |
| | | | | 780 | 1 | 8410 | 102.63 |
| | 7100 | K WHITE OFFSET | 760 | 670 | 1 | 3990 | 88.15 |
| | | | 760 | 730 | 1 | 1150 | 96.04 |
| | | | 760 | 780 | 4 | 110020 | 102.63 |
| | | | 760 | 790 | 4 | 66790 | 103.94 |
| | | | | 781 | 10 | 181950 | 102.75 |
| | 7101 | K WHITE OFFSET | 750 | 760 | 1 | 5760 | 101.33 |
| | | | 750 | 780 | 2 | 29580 | 104.00 |
| | | | | 777 | 3 | 35340 | 103.56 |
| | 7102 | K WHITE OFFSET | 750 | 700 | 1 | 8550 | 93.33 |
| | | | 750 | 720 | 1 | 14180 | 96.00 |
| | | | 760 | 730 | 1 | | 97.33 |
| | | | 750 | 750 | 2 | 24420 | 100.00 |
| | | | 750 | 760 | 19 | 531440 | 101.33 |
| | | | 750 | 770 | 1 | 23360 | 102.66 |
| | | | 780 | 780 | 17 | 358280 | 104.00 |
| | | | 750 | 790 | 2 | 34790 | 105.33 |
| | | | | 767 | 44 | 995020 | 102.29 |
| | 7104 | K WHITE OFFSET | 630 | | 1 | | |
| | | | 630 | 670 | 7 | 99210 | 106.34 |
| | | | 630 | 700 | 7 | 125630 | 111.11 |
| | | | 630 | 710 | 4 | 102730 | 112.69 |
| | | | 630 | 720 | 2 | 82740 | 114.28 |
| | | | 630 | 730 | 3 | 46490 | 115.87 |

053879

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 630 | 750 | 1 | 17900 | 119.04 |
| | | | | 704 | 25 | 454700 | 111.66 |
| | 7107 | K WHITE OFFSET | 460 | 470 | 1 | 1000 | 102.17 |
| | | | 460 | 480 | 6 | 132970 | 104.34 |
| | | | | 480 | 7 | 133970 | 104.32 |
| | 7109 | BA K OFFSET | 360 | 330 | 2 | 53700 | 91.66 |
| | | | 360 | 350 | 5 | 138600 | 97.22 |
| | | | 360 | 380 | 1 | 2800 | 105.55 |
| | | | 360 | 750 | 1 | 3350 | 208.33 |
| | | | | 382 | 9 | 198450 | 97.71 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 750 | 750 | 1 | 41070 | 100.00 |
| | | | 750 | 780 | 8 | 215250 | 104.00 |
| | | | 750 | 790 | 1 | 41940 | 105.33 |
| | | | | 777 | 10 | 299260 | 103.64 |
| | 7122 | B W K OFFSET - ANTIQUE | 750 | 780 | 12 | 172600 | 104.00 |
| | | | 750 | 790 | 4 | 74390 | 105.33 |
| | | | | 783 | 16 | 246990 | 104.40 |
| | 7123 | BA K OFFSET - ANTIQUE | 690 | 730 | 3 | 27760 | 105.79 |
| | | | 690 | 750 | 2 | 40230 | 108.69 |
| | | | 690 | 760 | 1 | 9900 | 110.14 |
| | | | 690 | 790 | 3 | 112130 | 114.49 |
| | | | | 771 | 9 | 189960 | 111.77 |
| | 7124 | B W K OFFSET ANTIQUE | 630 | 670 | 1 | 7760 | 106.34 |
| | | | 630 | 700 | 1 | 22040 | 111.11 |
| | | | 630 | 710 | 1 | 17460 | 112.69 |
| | | | 630 | 750 | 1 | 46770 | 119.04 |
| | | | | 724 | 4 | 94030 | 114.95 |
| | 7202 | RAVENSWOOD OPAQUE | 750 | 770 | 1 | 2410 | 102.66 |
| | | | 750 | 780 | 2 | 30670 | 104.00 |
| | | | 750 | 800 | 2 | 63420 | 106.66 |
| | | | | 793 | 5 | 96500 | 105.71 |
| | 7204 | RAVENSWOOD OPAQUE | 630 | 710 | 3 | 51330 | 112.69 |
| | | | | 710 | 3 | 51330 | 112.69 |
| | 9600 | TRIAL RUNS | | 740 | 1 | | |
| | | | | | 1 | | |
| | | | | 727 | 170 | 3480930 | 105.51 |

PROGRAM: N4PS7210 S C H A L L I E D P A P E R I N C. PAGE 9
RUN DATE: 05/29/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 750 | 730 | 1 | 6570 | 97.33 |
| | | | 750 | 750 | 1 | 10280 | 100.00 |
| | | | 750 | 770 | 4 | 50570 | 102.66 |
| | | | | 763 | 6 | 67420 | 101.73 |
| | 212 | LAUREL TEXT R.S. | 740 | 770 | 7 | 122970 | 104.05 |
| | | | | 770 | 7 | 122970 | 104.05 |
| | 271 | TYPE IV BASE STOCK DRY TON | 470 | 500 | 3 | 62480 | 106.38 |
| | | | | 500 | 3 | 62480 | 106.38 |
| | 274 | TYPE 904-B R.S. | 625 | 580 | 2 | 23900 | 92.80 |
| | | | 625 | 590 | 1 | 10640 | 94.40 |
| | | | | 583 | 3 | 34540 | 93.29 |
| | 276 | TYPE IV E DT BLADE BASE | 520 | 560 | 11 | 248030 | 107.69 |
| | | | 520 | 580 | 3 | 106220 | 111.53 |
| | | | | 566 | 14 | 354250 | 106.84 |
| | 291 | A P WALLPAPER BASE | 450 | 470 | 3 | 54000 | 104.44 |
| | | | 450 | 480 | 3 | 43850 | 106.66 |
| | | | | 474 | 6 | 97550 | 105.43 |
| | 1000 | U.P. OFFSET | 730 | 760 | 4 | 67440 | 104.10 |
| | | | | 760 | 4 | 67440 | 104.10 |
| | 1207 | A / PRIDE | 730 | 750 | 3 | 40510 | 102.73 |
| | | | 730 | 760 | 2 | 3960 | 104.10 |
| | | | 730 | 780 | 2 | 54930 | 106.84 |
| | | | | 767 | 7 | 99400 | 105.06 |
| | 1208 | A.M. PRIDE | 720 | 750 | 1 | 20070 | 104.16 |
| | | | 720 | 760 | 3 | 61830 | 105.55 |
| | | | | 758 | 4 | 81900 | 105.21 |
| | 1800 | PRIDE OPAQUE | 700 | 780 | 1 | 6360 | 111.42 |
| | | | | 780 | 1 | 6360 | 111.42 |
| | 1805 | ALLIED PRIDE | 750 | 780 | 10 | 114140 | 104.00 |
| | | | | 780 | 10 | 114140 | 104.00 |
| | 1810 | SW PRIDE OPAQUE | 730 | 780 | 3 | 50010 | 104.00 |
| | | | | 780 | 3 | 50010 | 104.00 |
| | 2243 | LAWYERS OFFSET | 740 | 760 | 3 | 113810 | 102.70 |
| | | | | 760 | 3 | 113810 | 102.70 |
| | 2536 | I B M MANUAL | 720 | | 1 | | |
| | | | 720 | 740 | 3 | 64170 | 102.77 |

853881 SD

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| M | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 720 | 750 | 9 | 125040 | 104.16 |
| | | | 720 | 760 | 1 | 17380 | 105.55 |
| | | | | 748 | 14 | 206590 | 103.85 |
| | 2537 | MANUAL OFFSET M.F. | 620 | 720 | 2 | 23730 | 116.12 |
| | | | 620 | 740 | 1 | 4410 | 119.35 |
| | | | | 723 | 3 | 28140 | 116.63 |
| | 7000 | CALENDAR PAD OFFSET | 750 | | 1 | | |
| | | | 750 | 770 | 3 | 47470 | 102.66 |
| | | | 750 | 780 | 2 | 38060 | 104.00 |
| | | | | 774 | 6 | 85530 | 103.26 |
| | 7100 | K WHITE OFFSET | 750 | 770 | 4 | 74930 | 102.66 |
| | | | 750 | 780 | 3 | 48560 | 104.00 |
| | | | | 774 | 7 | 123490 | 103.19 |
| | 7101 | K WHITE OFFSET | 730 | 560 | 1 | 3190 | 76.71 |
| | | | 730 | 750 | 5 | 38230 | 102.73 |
| | | | 730 | 760 | 4 | 59110 | 104.10 |
| | | | 730 | 780 | 3 | 54840 | 106.84 |
| | | | | 760 | 13 | 155370 | 104.17 |
| | 7102 | K WHITE OFFSET | 720 | | 1 | | |
| | | | 720 | 740 | 4 | 62280 | 102.77 |
| | | | 720 | 750 | 5 | 105080 | 104.16 |
| | | | 720 | 760 | 14 | 277010 | 105.55 |
| | | | | 755 | 24 | 444370 | 104.83 |
| | 7122 | B & K OFFSET - ANTIQUE | 720 | 760 | 1 | 15960 | 105.55 |
| | | | | 760 | 1 | 15960 | 105.55 |
| | 7125 | B& K OFFSET - ANTIQUE | 550 | 510 | 1 | 6690 | 92.72 |
| | | | 550 | 560 | 2 | 88440 | 101.81 |
| | | | | 556 | 3 | 95130 | 101.17 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | 780 | 3 | 26920 | 104.00 |
| | | | | 780 | 3 | 26920 | 104.00 |
| | 7201 | RAVENSWOOD OPAQUE | 730 | 760 | 2 | 33890 | 104.10 |
| | | | | 760 | 2 | 33890 | 104.10 |
| | 7202 | RAVENSWOOD OPAQUE | 720 | 740 | 4 | 136820 | 102.77 |
| | | | 720 | 760 | 2 | 25160 | 105.55 |
| | | | | 743 | 6 | 161980 | 103.20 |
| | 9049 | SATURATED GRAVURE BASE | 450 | 470 | 3 | 43180 | 104.44 |
| | | | 450 | 480 | 2 | 13420 | 106.66 |
| | | | | 472 | 5 | 56600 | 104.97 |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 11
RUN DATE: 05/29/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 9000 | SATURATED VELLUM BASE | 490 | 470 | 2 | 35160 | 104.44 |
| | | | 480 | 480 | 1 | 31330 | 106.66 |
| | | | 450 | 500 | 1 | 7010 | 111.11 |
| | | | | 477 | 4 | 73500 | 106.02 |
| | 9600 | TRIAL RUNS | | 480 | 3 | | |
| | | | | | 3 | | |
| | | | | 697 | 165 | 2779740 | 104.71 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1985

| MCH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1300 | 1300 | 2 | 10080 | 100.00 |
| | | | 1300 | 1400 | 3 | 36438 | 107.69 |
| | | | 1300 | 1500 | 1 | 9188 | 115.38 |
| | | | | 1398 | 6 | 55703 | 107.57 |
| | 812 | LAUREL TEXT | 1300 | 1300 | 8 | 89208 | 100.00 |
| | | | 1300 | 1331 | 3 | 17390 | 102.38 |
| | | | | 1305 | 11 | 106598 | 100.39 |
| | 871 | MASTERBASE TYPE V LTHW-S | 300 | 650 | 6 | 43393 | 216.66 |
| | | | 300 | 683 | 6 | | 227.66 |
| | | | | 650 | 12 | 43393 | 216.66 |
| | 874 | TYPE 904-U | 300 | 460 | 3 | | 153.33 |
| | | | 300 | 500 | 4 | | 166.66 |
| | | | 300 | 900 | 2 | 31085 | 300.00 |
| | | | | 900 | 9 | 31085 | 300.00 |
| | 876 | MASTERBASE TYPE IV DT | 345 | | 2 | | |
| | | | 345 | 450 | 19 | | 130.43 |
| | | | 345 | 500 | 11 | | 144.92 |
| | | | 345 | 512 | 3 | | 148.40 |
| | | | 345 | 569 | 3 | | 164.92 |
| | | | 345 | 1000 | 7 | 135274 | 289.85 |
| | | | 345 | 1200 | 4 | 92334 | 347.82 |
| | | | | 1081 | 49 | 227608 | 313.37 |
| | 878 | MASTER BASE TYPE IV 1/2 LT L4 | 300 | 617 | 3 | | 205.66 |
| | | | 300 | 1000 | 3 | 45135 | 333.33 |
| | | | | 1000 | 6 | 45135 | 333.33 |
| | 9600 | TRIAL RUNS | | | 4 | | |
| | | | | 500 | 1 | | |
| | | | | 650 | 2 | | |
| | | | | 730 | 5 | | |
| | | | | 1000 | 3 | | |
| | | | | | 15 | | |
| | | | | 1108 | 108 | 509522 | 239.03 |

SD 853884

PROGRAM: N4PS7410 S C H A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 05/29/85 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1100 | DW RAMTEXT NEW SHADE EB | 103 | 104 | 15 | 303140 | 100.97 |
| | | | | 104 | 15 | 303140 | 100.97 |
| | 1205 | A. M. PRIDE | 112 | 113 | 3 | 25390 | 100.89 |
| | | | | 113 | 3 | 25390 | 100.89 |
| | 1206 | SPEC A.M. PRIDE | 122 | 98 | 2 | 35760 | 80.32 |
| | | | | 98 | 2 | 35760 | 80.32 |
| | 1600 | PRIDE OPAQUE | 110 | 98 | 1 | 15000 | 89.09 |
| | | | | 98 | 1 | 15000 | 89.09 |
| | 1605 | ALLIED PRIDE | 108 | 106 | 6 | 77180 | 100.95 |
| | | | 105 | 105 | 2 | 34560 | 100.00 |
| | | | 105 | 100 | 1 | 10920 | 95.23 |
| | | | | 105 | 9 | 122660 | 100.17 |
| | 1610 | DW PRIDE OPAQUE | 122 | 105 | 2 | 7740 | 86.06 |
| | | | | 105 | 2 | 7740 | 86.06 |
| | 1628 | ALLIED PRIDE | 110 | 103 | 2 | 21710 | 93.63 |
| | | | 110 | 102 | 2 | 4320 | 92.72 |
| | | | | 103 | 4 | 26030 | 93.48 |
| | 2000 | BRITE LITE THIN | 110 | 112 | 6 | 67040 | 101.81 |
| | | | 110 | 103 | 4 | 44560 | 98.18 |
| | | | 110 | 102 | 2 | 12280 | 92.72 |
| | | | | 110 | 12 | 123680 | 99.61 |
| | 2002 | BRITE LITE THIN | 110 | 90 | 7 | 66760 | 81.81 |
| | | | | 90 | 7 | 66760 | 81.81 |
| | 2101 | BRITISH OPAQUE | 121 | 112 | 3 | 40160 | 92.56 |
| | | | | 112 | 3 | 40160 | 92.56 |
| | 2201 | IMPERIAL BIBLE | 110 | 104 | 6 | 70590 | 94.54 |
| | | | | 104 | 6 | 70590 | 94.54 |
| | 2210 | C W IMPERIAL BIBLE | 96 | 102 | 4 | 65910 | 106.25 |
| | | | | 102 | 4 | 65910 | 106.25 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 117 | 2 | 11100 | 114.70 |
| | | | | 117 | 2 | 11100 | 114.70 |
| | 2407 | SHAKESPEARE THIN | 110 | 106 | 2 | 22680 | 96.36 |
| | | | | 106 | 2 | 22680 | 96.36 |
| | 2503 | SOLITUDE OPAQUE | 110 | 114 | 10 | 181820 | 103.63 |
| | | | 110 | 106 | 1 | 4110 | 96.36 |

68X60 85

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 105 | 1 | 4140 | 95.45 |
| | | | 110 | 100 | 1 | 3920 | 90.90 |
| | | | | 113 | 13 | 193990 | 103.04 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 116 | 105 | 17 | 198560 | 90.51 |
| | | | | 105 | 17 | 198560 | 90.51 |
| | 2543 | A.P. LIGHTWEIGHT | 112 | 99 | 1 | 3690 | 88.39 |
| | | | | 99 | 1 | 3690 | 88.39 |
| | 7101 | K WHITE OFFSET | 110 | 112 | 3 | 42400 | 101.81 |
| | | | | 112 | 3 | 42400 | 101.81 |
| | 9600 | TRIAL RUNS | | 115 | 1 | | |
| | | | | 103 | 4 | | |
| | | | | 58 | 3 | | |
| | | | | | 6 | | |
| | | | | 106 | 114 | 1375240 | 97.44 |

S C M A L L I E D P A P E R I N C.



DAILY PRODUCTION SYSTEM

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1208 | A.M. PRIDE | 148 | 142 | 2 | 44365 | 95.94 |
| | | | | 142 | 2 | 44365 | 95.94 |
| | 1210 | GENERIC OFFSET | 142 | 142 | 2 | 45120 | 100.00 |
| | | | | 142 | 2 | 45120 | 100.00 |
| | 1533 | WHITE SPEC K OFFSET | 142 | 140 | 1 | 16580 | 98.59 |
| | | | | 140 | 1 | 16580 | 98.59 |
| | 2202 | IMPERIAL BIBLE | 140 | 132 | 3 | 20660 | 94.28 |
| | | | | 132 | 3 | 20660 | 94.28 |
| | 2536 | I B M MANUAL | 142 | 140 | 20 | 592660 | 98.59 |
| | | | | 140 | 20 | 592660 | 98.59 |
| | 2903 | DICKENS OFFSET | 140 | 140 | 3 | 29120 | 100.00 |
| | | | | 140 | 3 | 29120 | 100.00 |
| | 3002 | SUPERIOR OFFSET | 142 | 139 | 2 | 46340 | 97.88 |
| | | | 142 | 124 | 2 | 55850 | 87.32 |
| | | | | 131 | 4 | 102190 | 92.11 |
| | 3004 | SUPERIOR OFFSET | 142 | 139 | 1 | 5420 | 97.88 |
| | | | | 139 | 1 | 5420 | 97.88 |
| | 3024 | SUPERIOR OFFSET - ANTIQUE | 142 | 136 | 4 | 134100 | 95.77 |
| | | | | 136 | 4 | 134100 | 95.77 |
| | 6519 | WHITE DIAZO PAPER | 148 | 147 | 13 | 185490 | 99.32 |
| | | | 148 | 146 | 1 | 3750 | 98.64 |
| | | | 148 | 140 | 2 | 24910 | 94.59 |
| | | | 148 | 134 | 1 | 20800 | 90.54 |
| | | | 148 | 128 | 8 | 65330 | 86.48 |
| | | | 148 | 116 | 1 | 6540 | 78.37 |
| | | | | 141 | 26 | 305820 | 95.21 |
| | 7100 | K WHITE OFFSET | 142 | 146 | 4 | 54710 | 102.11 |
| | | | | 145 | 4 | 54710 | 102.11 |
| | 7101 | K WHITE OFFSET | 142 | 136 | 2 | 42010 | 95.77 |
| | | | 142 | 135 | 1 | 7970 | 95.07 |
| | | | | 136 | 3 | 49980 | 95.66 |
| | 7102 | K WHITE OFFSET | 142 | 148 | 1 | 28120 | 104.22 |
| | | | 142 | 146 | 2 | 85020 | 102.81 |
| | | | 142 | 144 | 1 | 18960 | 101.40 |
| | | | 142 | 140 | 5 | 77600 | 98.59 |
| | | | 142 | 136 | 7 | 200700 | 95.77 |
| | | | 142 | 135 | 3 | 45710 | 95.07 |

053887

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 4
RUN DATE: 05/29/85 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 140 | 19 | 456110 | 98.25 |
| | 7103 | K WHITE OFFSET | 142 | 148 | 1 | 5260 | 104.22 |
| | | | | 148 | 1 | 5260 | 104.22 |
| | 7104 | K WHITE OFFSET | 142 | 144 | 2 | 10440 | 101.40 |
| | | | 142 | 142 | 7 | 307350 | 100.00 |
| | | | 142 | 140 | 1 | 16360 | 98.59 |
| | | | 142 | 133 | 1 | 4260 | 93.66 |
| | | | 142 | 130 | 1 | 22650 | 91.54 |
| | | | | 141 | 12 | 361060 | 99.37 |
| | 7120 | B W K OFFSET - ANTIQUE | 142 | 146 | 4 | 39150 | 102.81 |
| | | | | 146 | 4 | 39150 | 102.81 |
| | 7121 | B W K OFFSET - ANTIQUE | 142 | 124 | 1 | 4600 | 87.32 |
| | | | | 124 | 1 | 4600 | 87.32 |
| | 7122 | B W K OFFSET - ANTIQUE | 142 | 140 | 3 | 82280 | 98.59 |
| | | | | 140 | 3 | 82280 | 98.59 |
| | 7200 | HAVENSWOOD OPAQUE | 140 | 142 | 4 | 36940 | 101.42 |
| | | | 140 | 140 | 10 | 414090 | 100.00 |
| | | | | 140 | 14 | 451030 | 100.12 |
| | 7202 | HAVENSWOOD OPAQUE | 140 | 140 | 3 | 100420 | 100.00 |
| | | | | 140 | 3 | 100420 | 100.00 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 16 | 501720 | 100.00 |
| | | | | 148 | 16 | 501720 | 100.00 |
| | 9500 | TRIAL RUNS | | 148 | 2 | | |
| | | | | 147 | 3 | | |
| | | | | 128 | 1 | | |
| | | | | | 6 | | |
| | | | | 141 | 152 | 3402355 | 98.49 |

05X888

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1207 | A 7 PRIDE | 138 | 128 | 4 | 147260 | 92.75 |
| | | | | 128 | 4 | 147260 | 92.75 |
| | 1803 | ALLIED PRIDE | 136 | 120 | 4 | 101670 | 88.23 |
| | | | | 120 | 4 | 101670 | 88.23 |
| | 1826 | ALLIED PRIDE | 134 | 136 | 1 | 2200 | 101.49 |
| | | | 134 | 124 | 5 | 115350 | 92.53 |
| | | | | 124 | 6 | 117550 | 92.70 |
| | 1842 | ALLIED PRIDE | 132 | 124 | 11 | 139280 | 93.93 |
| | | | | 124 | 11 | 139280 | 93.93 |
| | 2000 | BRITE LITE THIN | 132 | 132 | 6 | 19560 | 100.00 |
| | | | 132 | 116 | 5 | 13890 | 87.87 |
| | | | 132 | 115 | 5 | 10750 | 87.12 |
| | | | | 123 | 16 | 44200 | 93.06 |
| | 2210 | C W IMPERIAL BIBLE | 128 | 128 | 10 | 228380 | 100.00 |
| | | | | 128 | 10 | 228380 | 100.00 |
| | 2402 | SHAKESPEARE THIN | 133 | 128 | 9 | 217810 | 96.24 |
| | | | | 128 | 9 | 217810 | 96.24 |
| | 2503 | SOLITUDE OPAQUE | 134 | 124 | 4 | 100480 | 92.53 |
| | | | 134 | 120 | 1 | 11980 | 89.55 |
| | | | | 124 | 5 | 112465 | 92.21 |
| | 2904 | SOLITUDE OPAQUE | 134 | 120 | 2 | 40450 | 89.55 |
| | | | | 120 | 2 | 40450 | 89.55 |
| | 2913 | IBM SUPERIOR OFFSET | 134 | 135 | 3 | 116330 | 100.74 |
| | | | 134 | 120 | 1 | 11060 | 89.55 |
| | | | | 134 | 4 | 129390 | 99.78 |
| | 2914 | INTERNATIONAL HARVESTER OPAQUE | 136 | 128 | 1 | 13540 | 94.11 |
| | | | | 128 | 1 | 13540 | 94.11 |
| | 2522 | SPECIAL SOLITUDE OPAQUE | 134 | 126 | 3 | 47160 | 94.02 |
| | | | | 126 | 3 | 47160 | 94.02 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 132 | 128 | 15 | 249590 | 96.96 |
| | | | | 128 | 15 | 249590 | 96.96 |
| | 2543 | A.P. LIGHTWEIGHT | 138 | 134 | 5 | 43720 | 97.10 |
| | | | 138 | 132 | 2 | 61370 | 95.65 |
| | | | | 133 | 7 | 105090 | 96.28 |
| | 7100 | K WHITE OFFSET | 136 | 137 | 2 | 19320 | 100.73 |

053889

PROGRAM: N4P37410 S C M A L L I E D P A P E R I N C. PAGE 6
RUN DATE: 05/29/85 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 137 | 2 | 19320 | 100.73 |
| | 7104 | K WHITE OFFSET | 136 | 138 | 2 | 41240 | 101.47 |
| | | | 136 | 137 | 1 | | 100.73 |
| | | | 136 | 136 | 2 | 42200 | 100.00 |
| | | | 136 | 133 | 2 | 25130 | 97.79 |
| | | | 136 | 130 | 2 | 19580 | 95.58 |
| | | | 136 | 125 | 2 | 27950 | 91.91 |
| | | | 136 | 124 | 1 | 33600 | 91.17 |
| | | | | 132 | 12 | 189700 | 96.81 |
| | 7202 | RAVENSWOOD OPAQUE | 136 | 131 | 1 | 22780 | 96.32 |
| | | | 136 | 105 | 3 | 44460 | 77.20 |
| | | | | 114 | 4 | 67240 | 83.68 |
| | 9600 | TRIAL RUNS | | 138 | 1 | | |
| | | | | 132 | 1 | | |
| | | | | 131 | 2 | | |
| | | | | 125 | 2 | | |
| | | | | | 6 | | |
| | | | | 127 | 121 | 1970090 | 95.12 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1208 | A.M. PRIDE | 106 | 115 | 1 | 17450 | 108.49 |
| | | | 106 | 106 | 2 | 23790 | 100.00 |
| | | | 106 | 104 | 6 | 209180 | 98.11 |
| | | | | 105 | 9 | 250420 | 99.01 |
| | 1210 | GENERIC OFFSET | 105 | 106 | 1 | 7950 | 100.95 |
| | | | | 106 | 1 | 7950 | 100.95 |
| | 1805 | ALLIED PRIDE | 105 | 105 | 8 | 125340 | 100.00 |
| | | | | 105 | 8 | 125340 | 100.00 |
| | 1904 | TENNYSON OFFSET | 110 | 105 | 1 | 14670 | 95.45 |
| | | | | 105 | 1 | 14670 | 95.45 |
| | 2982 | OPACIFIED OFFSET JCPABO | 110 | 106 | 1 | 11120 | 96.36 |
| | | | 110 | 105 | 3 | 86520 | 95.45 |
| | | | | 105 | 4 | 97640 | 95.55 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 1 | 8410 | 103.63 |
| | | | | 114 | 1 | 8410 | 103.63 |
| | 7100 | K WHITE OFFSET | 110 | 120 | 1 | 26880 | 109.09 |
| | | | 110 | 107 | 1 | 3990 | 97.27 |
| | | | 110 | 105 | 5 | 71530 | 95.45 |
| | | | 110 | 99 | 3 | 79550 | 90.00 |
| | | | | 105 | 10 | 181950 | 95.12 |
| | 7101 | K WHITE OFFSET | 110 | 119 | 1 | 17150 | 108.18 |
| | | | 110 | 111 | 1 | 12430 | 100.90 |
| | | | 110 | 104 | 1 | 5760 | 94.54 |
| | | | | 114 | 3 | 35340 | 103.40 |
| | 7102 | K WHITE OFFSET | 110 | 121 | 1 | 21620 | 110.00 |
| | | | 110 | 120 | 6 | 83280 | 109.09 |
| | | | 110 | 116 | 2 | 17370 | 105.45 |
| | | | 110 | 113 | 4 | 97780 | 102.72 |
| | | | 110 | 112 | 8 | 89990 | 101.81 |
| | | | 110 | 111 | 1 | 32500 | 100.90 |
| | | | 110 | 108 | 1 | 16920 | 98.18 |
| | | | 110 | 105 | 14 | 441710 | 95.45 |
| | | | 110 | 102 | 7 | 169690 | 92.72 |
| | | | 110 | 97 | 1 | 14050 | 88.18 |
| | | | 110 | 96 | 2 | 10110 | 87.27 |
| | | | | 108 | 44 | 995020 | 97.95 |
| | 7104 | K WHITE OFFSET | 110 | 120 | 1 | 23680 | 109.09 |
| | | | 110 | 119 | 1 | 8160 | 108.18 |
| | | | 110 | 116 | 1 | 10040 | 105.45 |
| | | | 110 | 115 | 2 | 38330 | 104.54 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 114 | 4 | 109890 | 103.63 |
| | | | 110 | 113 | 2 | 21460 | 102.72 |
| | | | 110 | 112 | 2 | 20760 | 101.81 |
| | | | 110 | 110 | 1 | 11160 | 100.00 |
| | | | 110 | 105 | 2 | 21570 | 95.45 |
| | | | 110 | 104 | 5 | 144710 | 94.54 |
| | | | 110 | 101 | 2 | 31320 | 91.81 |
| | | | 110 | 96 | 2 | 13620 | 87.27 |
| | | | | 109 | 25 | 454700 | 99.31 |
| | 7107 | K WHITE OFFSET | 110 | 112 | 4 | 84240 | 101.81 |
| | | | 110 | 107 | 1 | 10670 | 97.27 |
| | | | 110 | 102 | 2 | 39060 | 92.72 |
| | | | | 109 | 7 | 133970 | 98.80 |
| | 7109 | BW K OFFSET | 110 | 106 | 8 | 194460 | 96.36 |
| | | | 110 | 105 | 1 | 3990 | 95.45 |
| | | | | 106 | 9 | 198450 | 96.34 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 110 | 102 | 10 | 298260 | 92.72 |
| | | | | 102 | 10 | 298260 | 92.72 |
| | 7122 | B & K OFFSET - ANTIQUE | 110 | 116 | 2 | 30720 | 105.45 |
| | | | 110 | 105 | 5 | 67550 | 95.45 |
| | | | 110 | 104 | 3 | 40280 | 94.54 |
| | | | 110 | 102 | 4 | 92160 | 92.72 |
| | | | 110 | 100 | 2 | 18280 | 90.90 |
| | | | | 105 | 16 | 246990 | 95.23 |
| | 7123 | BW K OFFSET - ANTIQUE | 110 | 115 | 1 | 9900 | 104.54 |
| | | | 110 | 114 | 3 | 112130 | 103.63 |
| | | | 110 | 107 | 2 | 40230 | 97.27 |
| | | | 110 | 103 | 1 | 6210 | 93.63 |
| | | | 110 | 102 | 2 | 21490 | 92.72 |
| | | | | 111 | 9 | 189960 | 100.77 |
| | 7124 | B & K OFFSET ANTIQUE | 110 | 120 | 1 | 7760 | 109.09 |
| | | | 110 | 102 | 2 | 64230 | 92.72 |
| | | | 110 | 100 | 1 | 22040 | 90.90 |
| | | | | 103 | 4 | 94030 | 93.64 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 107 | 2 | 63420 | 97.27 |
| | | | 110 | 105 | 2 | 20820 | 95.45 |
| | | | 110 | 104 | 1 | 12560 | 94.84 |
| | | | | 106 | 5 | 96500 | 96.53 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 123 | 1 | 28300 | 111.81 |
| | | | 110 | 105 | 2 | 23030 | 95.45 |
| | | | | 115 | 3 | 51330 | 104.47 |

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 6
RUN DATE: 05/29/85 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 9000 | TRIAL RUNS | | 114 | 1 | | |
| | | | | | 1 | | |
| | | | | 107 | 170 | 3480930 | 97.62 |

053893 SA

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 10
RUN DATE: 05/29/85 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 112 | 4 | 56180 | 107.69 |
| | | | 104 | 111 | 2 | 11240 | 106.73 |
| | | | | 112 | 6 | 67420 | 107.53 |
| | 212 | LAUREL TEXT R.S. | 104 | 111 | 7 | 122970 | 106.73 |
| | | | | 111 | 7 | 122970 | 106.73 |
| | 271 | TYPE IV BASE STOCK DRY TON | 104 | 107 | 3 | 62480 | 102.88 |
| | | | | 107 | 3 | 62480 | 102.88 |
| | 274 | TYPE 904-B R.S. | 110 | 103 | 1 | 10640 | 93.63 |
| | | | 110 | 100 | 2 | 23900 | 90.90 |
| | | | | 101 | 3 | 34540 | 91.74 |
| | 276 | TYPE IV E DT BLADE BASE | 124 | 118 | 11 | 322440 | 95.16 |
| | | | 124 | 112 | 3 | 31810 | 90.32 |
| | | | | 117 | 14 | 354250 | 94.73 |
| | 291 | A P WALLPAPER BASE | 123 | 120 | 2 | 33560 | 97.56 |
| | | | 123 | 119 | 4 | 63990 | 96.74 |
| | | | | 119 | 6 | 97550 | 97.02 |
| | 1000 | G.P. OFFSET | 114 | 114 | 4 | 67440 | 100.00 |
| | | | | 114 | 4 | 67440 | 100.00 |
| | 1207 | A 7 PRIDE | 106 | 115 | 2 | 22400 | 108.49 |
| | | | 106 | 105 | 5 | 77000 | 99.05 |
| | | | | 107 | 7 | 99400 | 101.18 |
| | 1208 | A.M. PRIDE | 110 | 105 | 4 | 81900 | 95.45 |
| | | | | 105 | 4 | 81900 | 95.45 |
| | 1800 | PRIDE OPAQUE | 110 | 108 | 1 | 6360 | 98.18 |
| | | | | 108 | 1 | 6360 | 98.18 |
| | 1805 | ALLIED PRIDE | 110 | 113 | 2 | 16790 | 102.72 |
| | | | 110 | 112 | 1 | 4680 | 101.81 |
| | | | 110 | 106 | 1 | 13220 | 96.36 |
| | | | 110 | 105 | 3 | 42270 | 95.45 |
| | | | 110 | 99 | 3 | 37180 | 90.00 |
| | | | | 105 | 10 | 114140 | 95.11 |
| | 1810 | BW PRIDE OPAQUE | 110 | 105 | 3 | 50010 | 95.45 |
| | | | | 105 | 3 | 50010 | 95.45 |
| | 2243 | LAWYERS OFFSET | 110 | 116 | 3 | 113810 | 105.45 |
| | | | | 116 | 3 | 113810 | 105.45 |
| | 2536 | I J M MANUAL | 110 | 107 | 3 | 21420 | 97.27 |

SD 053894

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 105 | 11 | 185170 | 95.45 |
| | | | | 105 | 14 | 206590 | 95.64 |
| | 2537 | MANUAL OFFSET M.F. | 110 | 107 | 3 | 28140 | 97.27 |
| | | | | 107 | 3 | 28140 | 97.27 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 6 | 85530 | 103.63 |
| | | | | 114 | 6 | 85530 | 103.63 |
| | 7100 | K WHITE OFFSET | 110 | 110 | 2 | 44110 | 100.00 |
| | | | 110 | 107 | 2 | 30820 | 97.27 |
| | | | 110 | 100 | 1 | 18200 | 90.90 |
| | | | 110 | 99 | 2 | 33360 | 90.00 |
| | | | | 105 | 7 | 123490 | 96.50 |
| | 7101 | K WHITE OFFSET | 110 | 116 | 2 | 12550 | 105.45 |
| | | | 110 | 111 | 1 | 1400 | 100.90 |
| | | | 110 | 108 | 3 | 54840 | 98.18 |
| | | | 110 | 107 | 2 | 8460 | 97.27 |
| | | | 110 | 106 | 2 | 46560 | 96.36 |
| | | | 110 | 105 | 1 | 24410 | 95.45 |
| | | | 110 | 101 | 1 | 3960 | 91.81 |
| | | | 110 | 100 | 1 | 3190 | 90.90 |
| | | | | 107 | 13 | 155370 | 97.46 |
| | 7102 | K WHITE OFFSET | 110 | 119 | 2 | 44760 | 106.18 |
| | | | 110 | 117 | 2 | 44990 | 106.36 |
| | | | 110 | 116 | 7 | 104730 | 105.45 |
| | | | 110 | 115 | 3 | 55140 | 104.54 |
| | | | 110 | 112 | 1 | 8120 | 101.81 |
| | | | 110 | 107 | 2 | 58340 | 97.27 |
| | | | 110 | 104 | 2 | 39960 | 94.54 |
| | | | 110 | 102 | 3 | 61950 | 92.72 |
| | | | 110 | 101 | 2 | 26380 | 91.81 |
| | | | | 111 | 24 | 444370 | 101.00 |
| | 7122 | B W K OFFSET - ANTIQUE | 110 | 101 | 1 | 15960 | 91.81 |
| | | | | 101 | 1 | 15960 | 91.81 |
| | 7125 | JW K OFFSET - ANTIQUE | 105 | 105 | 3 | 95130 | 100.00 |
| | | | | 105 | 3 | 95130 | 100.00 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 110 | 1 | 11640 | 100.00 |
| | | | 110 | 105 | 1 | 11310 | 95.45 |
| | | | 110 | 104 | 1 | 3970 | 94.54 |
| | | | | 107 | 3 | 26920 | 97.28 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 114 | 2 | 33890 | 103.63 |
| | | | | 114 | 2 | 33890 | 103.63 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 05,1985

| MCH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7202 | RAVENS&OOU OPAQUE | 110 | 107 | 4 | 136820 | 97.27 |
| | | | 110 | 105 | 1 | 12740 | 95.45 |
| | | | 110 | 104 | 1 | 12420 | 94.54 |
| | | | | 107 | 6 | 161980 | 96.97 |
| | 9025 | SATURATED GRAVURE BASE | 123 | 119 | 2 | 13420 | 96.74 |
| | | | 123 | 118 | 3 | 43180 | 95.93 |
| | | | | 118 | 5 | 56600 | 96.12 |
| | 9030 | SATURATED VELLUM BASE | 123 | 116 | 4 | 73500 | 94.30 |
| | | | | 116 | 4 | 73800 | 94.30 |
| | 9600 | TRIAL RUNS | | 120 | 1 | | |
| | | | | 116 | 1 | | |
| | | | | 114 | 1 | | |
| | | | | | 3 | | |
| | | | | 110 | 165 | 2779740 | 98.65 |

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 109 | 4 | 45623 | 106.86 |
| | | | 102 | 108 | 2 | 10080 | 105.88 |
| | | | | 109 | 6 | 55703 | 106.68 |
| | 812 | LAUREL TEXT | 102 | 108 | 11 | 106598 | 105.88 |
| | | | | 108 | 11 | 106598 | 105.88 |
| | 871 | MASTERBASE TYPE V LTHW-S | 102 | 111 | 1 | | 108.32 |
| | | | 102 | 107 | 6 | | 104.90 |
| | | | 102 | 100 | 5 | 43393 | 98.03 |
| | | | | 100 | 12 | 43393 | 98.03 |
| | 874 | TYPE 904-B | 102 | 104 | 3 | | 101.96 |
| | | | 102 | 103 | 1 | | 100.98 |
| | | | 102 | 101 | 1 | 6952 | 99.01 |
| | | | 102 | 100 | 3 | | 98.03 |
| | | | 102 | 98 | 1 | 24133 | 96.07 |
| | | | | 99 | 9 | 31085 | 96.73 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 118 | 30 | | 115.68 |
| | | | 102 | 113 | 11 | 195382 | 112.74 |
| | | | 102 | 112 | 6 | | 109.80 |
| | | | 102 | 110 | 2 | 32226 | 107.64 |
| | | | | 114 | 49 | 227608 | 112.05 |
| | 878 | MASTER BASE TYPE IV 1/2 LT LW | 102 | 114 | 3 | | 111.76 |
| | | | 102 | 111 | 3 | 45135 | 108.82 |
| | | | | 111 | 6 | 45135 | 108.82 |
| | 9600 | TRIAL RUNS | | 119 | 4 | | |
| | | | | 118 | 1 | | |
| | | | | 117 | 1 | | |
| | | | | 116 | 1 | | |
| | | | | 113 | 3 | | |
| | | | | 104 | 1 | | |
| | | | | 101 | 3 | | |
| | | | | 100 | 1 | | |
| | | | | | 15 | | |
| | | | | 110 | 108 | 509522 | 107.76 |

April 1985

TONS

| | |
|---|---|
| 5 1470 + | 790 |
| 6 82380 - | 1833 |
| 7 35500 - | 1345 |
| 8 6100 + | 1603 |
| 9 3820 + | 1558 |
| 17 34435 + | 396 |

[illegible]

| | |
|---|---|
| 5 [illegible] | 58[illegible] |
| 6 19.5 + 556.2 | 57[illegible] |
| 7 17.5 + 570.7 | 588 |
| 8 27 + 56[illegible] | [illegible] |
| 9 1.[illegible] + 59[illegible] | [illegible] |
| 17 16.0 + [illegible] | 178. |

| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MA EFF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 30.00 | 1100 | GW HAMTEXT NEW SHAD | 138.4 | 122.0 | 96.16 | 344807 | 362950 | 1430 | 361520 | 111.39 | |
| 6 | 30.00 | 1203 | A.M. PRIDE | 6.2 | 5.4 | 95.01 | 13408 | 15370 | | 15370 | 114.63 | |
| 5 | 25.00 | 1401 | BRITISH OPAQUE - SE | 22.9 | 20.8 | 99.09 | 53587 | 51400 | | 51400 | 95.92 | |
| 5 | 35.00 | 2104 | BRITISH OPAQUE | 26.9 | 23.6 | 95.71 | 77416 | 77690 | 900 | 76790 | 99.19 | |
| 5 | 24.00 | 2210 | C & IMPERIAL-BIBLE | 55.5 | 53.4 | 105.34 | 122695 | 124760 | | 124760 | 102.26 | |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL B | | | | | | | | | |
| 5 | 30.00 | 2240 | LAWYERS WHITE OFFSE | 37.6 | 36.5 | 105.90 | 108906 | 124810 | | 124810 | 114.60 | |
| 5 | 35.00 | 2241 | LAWYERS OFFSET | 72.7 | 70.0 | 105.04 | 210164 | 228620 | 3480 | 225140 | 107.13 | |
| 5 | 33.00 | 2406 | SHAKESPEARE THIN | | | | | | | | | |
| 8 | 30.00 | 2503 | SOLITUDE OPAQUE | 12.5 | 12.4 | 104.73 | 33791 | 41450 | | 41450 | 122.67 | |
| 5 | 20.00 | 2540 | A P LIGHT WEIGHT | 133.4 | 122.2 | 99.93 | 223279 | 241010 | 1560 | 239450 | 107.24 | |
| 5 | 21.00 | 2541 | A P LIGHTWEIGHT TY | 36.1 | 29.2 | 88.24 | 58254 | 43090 | 3630 | 39460 | 67.74 | |
| 5 | 22.00 | 2542 | A P LIGHT-WEIGHT | 3.3 | 3.3 | 109.09 | 6664 | 6440 | 2160 | 4280 | 64.23 | |
| 5 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 9.1 | 8.8 | 105.49 | 24185 | 30030 | 1270 | 28760 | 118.92 | |
| 5 | 26.00 | 2549 | A.P. LIGHTWEIGHT | 9.4 | 8.3 | 96.33 | 21181 | 23180 | | 23180 | 109.44 | |
| 5 | 38.00 | 3036 | WORLD BOOK ENCYCLOP | 13.0 | 11.8 | 99.02 | 41502 | 43740 | | 43740 | 106.68 | |
| 5 | 39.00 | 3839 | WHITE BOOKLITE | 70.1 | 65.0 | 101.15 | 173050 | 164940 | | 164940 | 95.31 | |
| 5 | 21.50 | 6400 | CIGARETTE TIPPING - | | | | | | | | | |
| 5 | 31.90 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 28.79 | | MACH TOTAL 1.09091 | 646.9 | 592.3 | 99.88 | 1491699 | 1579480 | 14430 | 1565050 | 104.92 | 104. |
| 6 | 45.00 | 1206 | SPEC A.M. PRIDE | 76.2 | 68.4 | 97.92 | 392616 | 418570 | | 418570 | 106.61 | |
| 6 | 50.00 | 1208 | A.M. PRIDE | 31.9 | 29.5 | 100.88 | 208589 | 202470 | 3060 | 199410 | 95.60 | |
| 6 | 60.00 | 1210 | GENERIC OFFSET | 18.4 | 16.4 | 97.23 | 125422 | 136170 | 1190 | 134980 | 107.62 | |
| 6 | 70.00 | 1211 | GENERIC OFFSET | 2.3 | 1.3 | 61.66 | 9682 | 11160 | | 11160 | 115.27 | |
| 6 | 50.00 | 1533 | WHITE SPEC K OFFSET | 4.0 | 3.4 | 92.73 | 24466 | 24240 | | 24240 | 99.08 | |
| 6 | 30.00 | 1800 | PRIDE OPAQUE | 22.3 | 18.6 | 90.99 | 79056 | 77220 | 3000 | 74220 | 93.88 | |
| 6 | 50.00 | 2536 | I D M MANUAL | 141.4 | 127.6 | 98.44 | 920710 | 889320 | 13740 | 875580 | 95.10 | |
| 6 | 30.00 | 2543 | A.P. LIGHTWEIGHT | | | | | | 750 | 750- | | |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 4.7 | 4.4 | 102.13 | 29398 | 27640 | | 27640 | 94.02 | |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 158.6 | 139.7 | 96.09 | 1003118 | 941710 | 14590 | 927120 | 92.42 | |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 25.5 | 22.7 | 97.11 | 168029 | 180500 | 1330 | 179170 | 106.63 | |
| 6 | 50.00 | 7122 | B W K OFFSET - ANTI | 14.4 | 13.0 | 98.48 | 95417 | 98260 | 2450 | 95810 | 100.41 | |
| 6 | 55.00 | 7123 | BW K OFFSET - ANTIQ | 5.1 | 4.9 | 104.81 | 37730 | 40110 | | 40110 | 106.31 | |
| 6 | 60.00 | 7124 | B W K OFFSET ANTIQU | 12.5 | 11.1 | 96.87 | 82903 | 92060 | | 92060 | 111.05 | |
| 6 | 70.00 | 7125 | BW K OFFSET - ANTIQ | 4.4 | 3.4 | 84.30 | 25323 | 27600 | 1260 | 26340 | 104.02 | |
| 6 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 5.8 | 5.2 | 94.04 | 35609 | 24790 | | 24790 | 69.62 | |
| 6 | 29.50 | 9210A | BLUE GREEN DUPONT P | 96.0 | 86.8 | 98.64 | 339140 | 392750 | | 392750 | 115.81 | |
| 6 | 49.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 46.75 | | MACH SUBTOTAL | 527.5 | 469.4 | 97.08 | 3238068 | 3191820 | 41370 | 3150450 | 97.29 | 94 |
| | 29.50 | | #MACH SUBTOTAL | 96.0 | 86.8 | 98.64 | 339140 | 392750 | | 392750 | 115.81 | 114 |
| | 47.53 | | MACH TOTAL 1.09091 | 623.5 | 556.2 | 97.32 | 3877208 | 3584570 | 41370 | 3543200 | 99.05 | 98. |
| | 42.31 | | MILL C SUBTOTAL | 1174.4 | 1061.7 | 98.62 | 4729767 | 4771300 | 55800 | 4715500 | 99.73 | 98 |

853899

REPORT: R4P5761J  S C M  A L L I E D  P A P E R  I N C.  PAGE 2
RUN DATE: 04/30/65  DAILY PRODUCTION SYSTEM
RUN TIME: 14:01:10  PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1965

| BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.00 | | MILL C SUBTOTAL | 96.7 | 86.8 | 98.64 | 339140 | 392750 | | 392750 | 115.81 | 114.23 |
| 41.80 | | MILL C TOTAL | 1271.4 | 1148.5 | 98.62 | 5068907 | 5164050 | 55800 | 5108250 | 100.78 | 99.39 |
| 30.00 | 1203 | A.P. PRIDE | 36.1 | 29.8 | 90.05 | 116220 | 143820 | 1050 | 142470 | 122.59 | |
| 45.00 | 1207 | A.P. PRIDE | 9.1 | 7.8 | 83.92 | 40585 | 43760 | | 43760 | 107.82 | |
| 50.00 | 1208 | A.P. PRIDE | 31.0 | 28.0 | 101.82 | 163731 | 165950 | 540 | 165410 | 90.03 | |
| 60.00 | 1210 | GENERIC OFFSET | 15.7 | 15.3 | 106.31 | 98047 | 102150 | 720 | 101430 | 103.45 | |
| 40.00 | 1703 | WHITE SPEC K OFFSET | 7.7 | 6.8 | 101.62 | 34064 | 42200 | 1410 | 40790 | 119.75 | |
| 50.00 | 1708 | J UPACIFIED OFFSET | 16.4 | 14.9 | 99.11 | 92976 | 98150 | | 98150 | 105.56 | |
| 30.00 | 1800 | PRIDE OPAQUE | 10.8 | 9.1 | 91.92 | 37437 | 36220 | | 36220 | 96.75 | |
| 30.00 | 1840 | SPEC ALLIED PRIDE | 34.1 | 33.1 | 105.89 | 121146 | 145820 | 2315 | 143505 | 118.46 | |
| 21.00 | 2009 | ROYAL LITE | 24.0 | 21.1 | 95.91 | 48614 | 27760 | | 27760 | 57.10 | |
| 33.00 | 2203 | IMPERIAL BIBLP | 4.5 | 3.5 | 84.85 | 15313 | 16398 | | 16398 | 107.03 | |
| 35.00 | 2407 | SHAKESPEARE THIN | 5.3 | 1.8 | 37.05 | 8495 | 10200 | 11140 | 940- | 11.07- | |
| 30.00 | 2503 | SOLITUDE OPAQUE | 18.5 | 12.4 | 73.12 | 48732 | 30070 | | 30070 | 61.70 | |
| 26.00 | 2508 | A H DICTIONARY | | | | | | 9220 | 9220- | | |
| 40.00 | 2535 | MANUAL OFFSET | 4.4 | 4.6 | 99.17 | 22300 | 24000 | 2400 | 21600 | 96.86 | |
| 20.00 | 2540 | A P LIGHT WEIGHT | 145.0 | 132.8 | 99.91 | 282060 | 266920 | 1850 | 265070 | 93.98 | |
| 30.00 | 2543 | A.P. LIGHTWEIGHT | 64.7 | 33.0 | 95.25 | 205668 | 258420 | | 258420 | 125.65 | |
| 35.00 | 2545 | A.P. LIGHTWEIGHT | 12.1 | 10.7 | 96.47 | 48789 | 46230 | | 46230 | 94.75 | |
| 40.00 | 7100 | K WHITE OFFSET | 21.7 | 20.2 | 101.55 | 102446 | 115260 | | 115260 | 112.51 | |
| 45.00 | 7101 | K WHITE OFFSET | 7.7 | 6.2 | 87.84 | 37330 | 39970 | | 39970 | 107.07 | |
| 50.00 | 7102 | K WHITE OFFSET | 79.3 | 77.4 | 106.21 | 478365 | 502935 | 5060 | 497875 | 104.08 | |
| 60.00 | 7104 | K WHITE OFFSET | 17.4 | 15.2 | 83.75 | 97477 | 107370 | 2195 | 105175 | 107.90 | |
| 45.00 | 7121 | B.W. K OFFSET - ANT | 16.6 | 16.1 | 105.81 | -89038 | 98240 | | 98240 | 110.33 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 21.7 | 20.2 | 103.46 | 125879 | 130440 | 1560 | 128880 | 102.38 | |
| 55.00 | 7123 | B/ K OFFSET - ANTIQ | 1.9 | 1.7 | 97.61 | 11636 | 10080 | | 10080 | 86.63 | |
| 60.00 | 7124 | B A K OFFSET ANTIQU | 11.3 | 10.9 | 105.23 | 68422 | 79960 | | 79960 | 116.86 | |
| 40.00 | 7250 | RAVENSWOOD OPAQUE | 6.9 | 6.6 | 104.35 | 34129 | 37090 | | 37090 | 108.68 | |
| 45.00 | 7261 | RAVENSWOOD OPAQUE | 7.1 | 6.4 | 99.74 | 39104 | 31600 | 1380 | 30220 | 77.28 | |
| 50.00 | 7262 | RAVENSWOOD OPAQUE | 6.9 | 6.5 | 102.77 | 38376 | 44130 | 690 | 43440 | 113.20 | |
| 40.00 | 9601 | TRIAL RUNS | | | | | | | | | |
| 41.51 | | MACH TOTAL 1.J9091 | 634.6 | 573.7 | 98.11 | 2526370 | 2654835 | 41530 | 2613305 | 103.44 | 101.48 |
| 40.00 | 1503 | WHITE SPEC K OFFSET | 2.4 | 2.4 | 109.09 | 11724 | 12480 | | 12480 | 106.45 | |
| 45.00 | 1511 | WHITE SPEC K OFFSET | 2.6 | 2.2 | 92.31 | 11374 | 11360 | | 11360 | 99.86 | |
| 50.00 | 1533 | WHITE SPEC K OFFSET | 14.8 | 14.4 | 106.14 | 85184 | 87730 | | 87730 | 102.99 | |
| 60.00 | 1554 | WHITE SPEC K OFFSET | 2.2 | 2.2 | 109.09 | 17875 | 18510 | | 18510 | 103.55 | |
| 35.00 | 1800 | ALLIED PRIDE | | | | | | 6810 | 6810- | | |
| 50.00 | 2502 | DICKENS OFFSET | | | | | | | | | |
| 70.00 | 3125 | SUPERIOR OFFSET | 21.4 | 20.8 | 106.03 | 112736 | 122700 | | 122700 | 109.84 | |
| 60.00 | 3480 | END LEAF OFFSET - H | 1.6 | 1.3 | 89.64 | 6748 | 7920 | | 7920 | 117.37 | |
| 40.00 | 7100 | K WHITE OFFSET | 35.2 | 32.3 | 100.10 | 146945 | 146650 | 1340 | 145310 | 98.89 | |
| 50.00 | 7102 | K WHITE OFFSET | 342.9 | 277.9 | 98.46 | 1583890 | 1473295 | 3250 | 1470045 | 92.81 | |
| 40.00 | 7104 | K WHITE OFFSET | 155.6 | 140.3 | 102.57 | 861635 | 934890 | 880 | 934010 | 108.40 | |
| 70.00 | 7125 | K WHITE OFFSET | 23.7 | 24.0 | 101.87 | 150586 | 162640 | | 162640 | 108.00 | |

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 80.00 | 7107 | K WHITE OFFSET | 4.1 | 3.8 | 101.11 | 18164 | 20220 | | 20220 | 111.32 | |
| 99.99 | 7109 | BW K OFFSET | 19.9 | 18.4 | 100.87 | 96892 | 108550 | 8255 | 92295 | 95.26 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 17.6 | 16.8 | 104.13 | 93717 | 96940 | | 96940 | 103.44 | |
| 70.00 | 7125 | BW K OFFSET - ANTIQ | 1.3 | .6 | 50.35 | 3707 | 3720 | | 3720 | 100.35 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | | | | | | 6370 | 6370- | | |
| 00.00 | 9000 | TRIAL RUNS | | | | | | | | | |
| 46.11 | | MACH TOTAL 1.09091 | 613.3 | 564.4 | 100.39 | 3201177 | 3199605 | 26905 | 3172700 | 99.11 | 99.50 |
| 55.00 | 2745 | TYPE 90#-0 K.S. | 11.8 | 6.8 | 64.81 | 31248 | 14220 | - | 14220 | 45.51 | |
| 60.00 | 276 | TYPE IV E DT BLADE | 124.0 | 108.0 | 95.01 | 560280 | 597045 | 9250 | 587795 | 104.91 | |
| 57.00 | 2756 | TYPE IV 1/2 LT LW B | 10.4 | 8.2 | 86.01 | 37765 | 39540 | | 39540 | 104.70 | |
| 40.00 | 1206 | SPEC A.M. PRIDE | 27.8 | 26.7 | 104.77 | 117132 | 130260 | 1290 | 128970 | 110.11 | |
| 45.00 | 1207 | A M PRIDE | 36.2 | 34.2 | 103.64 | 164238 | 143560 | - | 143560 | 87.41 | |
| 50.00 | 1256 | A.M. PRIDE | 39.3 | 38.1 | 91.88 | 181626 | 177660 | 1670 | 175990 | 96.90 | |
| 60.00 | 121 | GENERIC OFFSET | 23.2 | 21.5 | 101.10 | 113753 | 124780 | 2020 | 122760 | 107.92 | |
| 70.00 | 1211 | GENERIC OFFSET | 1 .9 | 1.2 | 100.08 | 52572 | 60610 | | 60610 | 115.29 | |
| 40.00 | 1810 | BW PRIDE OPAQUE | | | | | | 2540 | 2540- | | |
| 50.00 | 2936 | I D M MANUAL | 33.4 | 33.4 | 102.93 | 178151 | 188420 | | 188420 | 105.76 | |
| 50.00 | 3502 | SCHOOL CUTC | 15.8 | 12.8 | 88.39 | 67627 | 51350 | 4280 | 47070 | 69.60 | |
| 40.00 | 7100 | K WHITE OFFSET | 36.4 | 34.3 | 102.80 | 154862 | 136990 | | 136990 | 88.46 | |
| 45.00 | 7101 | K WHITE OFFSET | 59.9 | 55.6 | 101.26 | 270669 | 294995 | 1930 | 293065 | 108.51 | |
| 50.00 | 7102 | K WHITE OFFSET | 34.7 | 32.- | 100.60 | 175458 | 174340 | | 174340 | 99.36 | |
| 65.00 | 7104 | K WHITE OFFSET | 28.3 | 27.1 | 104.47 | 147671 | 158680 | 2336 | 156344 | 105.87 | |
| 40.00 | 7120 | B W K OFFSET - ANTI | 3.5 | 2.8 | 87.27 | 12054 | 10800 | | 10800 | 89.60 | |
| 45.00 | 7121 | B.W. K OFFSET - ANT | 14.2 | 13.6 | 104.48 | 68620 | 63730 | | 63730 | 92.87 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 26.1 | 21.3 | 89.03 | 119076 | 122170 | | 122170 | 102.60 | |
| 60.00 | 7124 | B W K OFFSET ANTIQU | 8.6 | 8.3 | 105.29 | 45666 | 54030 | | 54030 | 118.32 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 13.3 | 12.9 | 105.81 | 62552 | 64020 | | 64020 | 102.35 | |
| 00.00 | 7202 | RAVENSWOOD OPAQUE | 61.5 | 58.6 | 105.21 | 416942 | 436545 | | 436545 | 104.70 | |
| 60.00 | 7204 | RAVENSWOOD OPAQUE | 12.7 | 11.5 | 98.78 | 61386 | 70220 | | 70220 | 114.39 | |
| 00.00 | 9000 | TRIAL RUNS | | | | | | | | | |
| 51.85 | | MACH SUBTOTAL | 631.6 | 577.7 | 99.78 | 2969738 | 3060206 | 25316 | 3034889 | 102.19 | 101.97 |
| 56.47 | | *MACH SUBTOTAL | 21.9 | 15.- | 74.72 | 69013 | 53760 | | 53760 | 77.90 | 58.21 |
| 51.63 | | MACH TOTAL 1.09091 | 653.5 | 592.7 | 98.94 | 3038748 | 3113965 | 25316 | 3088649 | 101.64 | 100.57 |
| 50.30 | | MILL D SUBTOTAL | 1879.5 | 1712.8 | 99.42 | 8697291 | 8914645 | 93751 | 8820894 | 101.42 | 100.83 |
| 56.47 | | *MILL D SUBTOTAL | 21.9 | 15.- | 74.72 | 69013 | 53760 | | 53760 | 77.90 | 58.21 |
| 50.34 | | MILL D TOTAL | 1901.4 | 1727.8 | 99.13 | 8766304 | 8968405 | 93761 | 8874654 | 101.24 | 100.36 |
| 47.59 | | BOOK MILL SUBTOT | 3053.9 | 2774.5 | 99.11 | 13427058 | 13685945 | 149851 | 13536394 | 100.81 | 99.92 |
| 32.73 | | *BOOK MILL SUBTOT | 117.9 | 101.8 | 94.19 | 408153 | 446510 | | 446510 | 109.40 | 101.05 |
| 47.21 | | BOOK MILL TOTAL | 3171.8 | 2876.3 | 98.93 | 13835211 | 14132455 | 149551 | 13982904 | 101.07 | 99.90 |

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 50.30 | 803 | LAUREL TEXT | | | | | | | | | |
| 78.00 | 874* | TYPE 904-B | 9.4 | 7.6 | 92.40 | 19710 | 25216 | 5597 | 19619 | 99.54 | |
| 87.50 | 878 | MASTERBASE TYPE IV | 176.6 | 154.6 | 100.05 | 667985 | 531372 | 1148 | 530224 | 79.38 | |
| 82.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| 87.50 | | BLADE SUBTOTAL | 176.6 | 154.6 | 100.05 | 667985 | 531372 | 1148* | 530224 | 79.38 | 79.42 |
| 78.00 | | *BLADE SUBTOTAL | 9.4 | 7.6 | 92.40 | 19710 | 25216 | 5597 | 19619 | 99.54 | 91.97 |
| 87.37 | | BLADE COATER1.14286 | 186.0 | 162.2 | 99.66 | 687695 | 556588 | 6745 | 549843 | 79.95 | 79.68 |
| 49.13 | | GRAND SUBTOTAL | 3230.5 | 2929.1 | 99.16 | 14095043 | 14217317 | 150699 | 14066618 | 99.80 | 98.96 |
| 35.17 | | *GRAND SUBTOTAL | 127.3 | 109.4 | 94.06 | 427863 | 471726 | 5597 | 466129 | 108.94 | 102.47 |
| 48.73 | | GRAND TOTAL | 3357.8 | 3038.5 | 98.97 | 14522906 | 14689043 | 156296 | 14532747 | 100.07 | 99.04 |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 04/30/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

PROD. 04/85.

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 110. | HW PAMTEXT NEW SHADE EB | 640 | | 1 | | |
| | | | 640 | 680 | 3 | 52390 | 106.25 |
| | | | 640 | 700 | 16 | 310660 | 109.37 |
| | | | | 697 | 20 | 362950 | 108.92 |
| | 1203 | A.M. PRIDE | 640 | 700 | 1 | 11930 | 109.37 |
| | | | 640 | 720 | 1 | 3440 | 112.50 |
| | | | | 704 | 2 | 15370 | 110.07 |
| | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 680 | 700 | 3 | 42160 | 102.94 |
| | | | 680 | 720 | 1 | 9240 | 105.88 |
| | | | | 704 | 4 | 51400 | 103.47 |
| | 2104 | BRITISH OPAQUE | 590 | 610 | 3 | 62270 | 103.38 |
| | | | 590 | 640 | 1 | 15420 | 108.47 |
| | | | | 616 | 4 | 77690 | 104.39 |
| | 221. | C W IMPERIAL BIBLE | 700 | 700 | 7 | 111950 | 100.00 |
| | | | 700 | 740 | 1 | 12810 | 105.71 |
| | | | | 704 | 8 | 124760 | 100.59 |
| | 2240 | LAWYERS WHITE OFFSET | 640 | 680 | 7 | 124810 | 106.25 |
| | | | | 680 | 7 | 124810 | 106.25 |
| | 2241 | LAWYERS OFFSET | 590 | 600 | 6 | 137320 | 101.69 |
| | | | 590 | 610 | 1 | 5020 | 103.38 |
| | | | 590 | 620 | 3 | 51540 | 105.08 |
| | | | 590 | 630 | 2 | 34740 | 106.77 |
| | | | | 609 | 12 | 228620 | 103.26 |
| | 2503 | SOLITUDE OPAQUE | 640 | 700 | 3 | 41450 | 109.37 |
| | | | | 700 | 3 | 41450 | 109.37 |
| | 2540 | A P LIGHT WEIGHT | 710 | 700 | 1 | 8600 | 98.59 |
| | | | 710 | 740 | 17 | 232410 | 104.22 |
| | | | | 739 | 18 | 241010 | 104.02 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 710 | 740 | 5 | 43090 | 104.22 |
| | | | | 740 | 5 | 43090 | 104.22 |
| | 2542 | A P LIGHT WEIGHT | 710 | 725 | 1 | 6440 | 102.11 |
| | | | | 725 | 1 | 6440 | 102.11 |
| | 2545 | A.P. LIGHTWEIGHT | 590 | 700 | 3 | 30030 | 118.64 |
| | | | | 700 | 3 | 30030 | 118.64 |
| | 2549 | A.P. LIGHTWEIGHT | 670 | 680 | 1 | 4770 | 101.49 |
| | | | 670 | 700 | 1 | 18410 | 104.47 |
| | | | | 696 | 2 | 23180 | 103.86 |

50 853903

PROGRAM: M4PS7210 S C M A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 04/30/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 570 | 600 | 3 | 43740 | 106.26 |
| | | | | 600 | 3 | 43740 | 105.26 |
| | 3830 | WHITE BOOKLITE | 640 | | 1 | | |
| | | | 640 | 680 | 1 | 24370 | 106.25 |
| | | | 640 | 700 | 9 | 124880 | 109.37 |
| | | | 640 | 720 | 1 | 15690 | 112.50 |
| | | | | 699 | 12 | 164940 | 109.21 |
| | 9600 | TRIAL RUNS | | | 1 | | |
| | | | | 500 | 1 | | |
| | | | | | 2 | | |
| | | | | 685 | 106 | 1579480 | 105.99 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1206 | SPEC A.M. PRIDE | 750 | 730 | 1 | 2500 | 97.33 |
| | | | 750 | 800 | 1 | 43930 | 106.66 |
| | | | 750 | 810 | 1 | 21070 | 108.00 |
| | | | 750 | 820 | 8 | 271860 | 109.33 |
| | | | 750 | 830 | 2 | 79210 | 110.66 |
| | | | | 819 | 13 | 418570 | 109.16 |
| | 1208 | A.M. PRIDE | 730 | 770 | 9 | 192330 | 105.47 |
| | | | 730 | 820 | 1 | 10140 | 112.32 |
| | | | | 773 | 10 | 202470 | 105.81 |
| | 1210 | GENERIC OFFSET | 630 | 680 | 1 | 44320 | 107.93 |
| | | | 630 | 700 | 2 | 70940 | 111.11 |
| | | | 630 | 770 | 2 | 20910 | 122.22 |
| | | | | 704 | 5 | 136170 | 111.78 |
| | 1211 | GENERIC OFFSET | 540 | 650 | 1 | 11160 | 120.37 |
| | | | | 650 | 1 | 11160 | 120.37 |
| | 1533 | WHITE SPEC K OFFSET | 730 | 750 | 1 | 24240 | 102.73 |
| | | | | 750 | 1 | 24240 | 102.73 |
| | 1809 | PRIDE OPAQUE | 770 | 830 | 4 | 77220 | 107.79 |
| | | | | 830 | 4 | 77220 | 107.79 |
| | 2536 | I U M MANUAL | 730 | | 2 | | |
| | | | 730 | 750 | 3 | 138950 | 102.73 |
| | | | 730 | 760 | 11 | 481330 | 104.10 |
| | | | 730 | 770 | 8 | 269040 | 105.47 |
| | | | | 761 | 24 | 889320 | 104.30 |
| | 7101 | K WHITE OFFSET | 740 | 800 | 2 | 27640 | 108.10 |
| | | | | 800 | 2 | 27640 | 108.10 |
| | 7102 | K WHITE OFFSET | 730 | 730 | 2 | 68010 | 100.00 |
| | | | 730 | 750 | 12 | 367060 | 102.73 |
| | | | 730 | 770 | 20 | 467540 | 105.47 |
| | | | 730 | 780 | 2 | 39100 | 106.84 |
| | | | | 760 | 36 | 941710 | 104.06 |
| | 7104 | K WHITE OFFSET | 630 | 640 | 2 | 76280 | 101.58 |
| | | | 630 | 670 | 3 | 54620 | 106.34 |
| | | | 630 | 680 | 1 | 44920 | 107.93 |
| | | | 630 | 730 | 1 | 4680 | 115.87 |
| | | | | 661 | 7 | 180500 | 104.97 |
| | 7122 | B W K OFFSET - ANTIQUE | 730 | 770 | 2 | 77600 | 105.47 |
| | | | 730 | 780 | 2 | 20660 | 106.84 |
| | | | | 772 | 4 | 98260 | 105.76 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7123 | H# K OFFSET - ANTIQUE | 710 | 750 | 2 | 40110 | 105.63 |
| | | | | 750 | 2 | 40110 | 105.63 |
| | 7124 | H & K OFFSET ANTIQUE | 630 | 650 | 1 | 9280 | 103.17 |
| | | | 630 | 660 | 2 | 19920 | 104.76 |
| | | | 630 | 680 | 2 | 39840 | 107.93 |
| | | | 630 | 730 | 1 | 23020 | 115.87 |
| | | | | 685 | 6 | 92060 | 108.75 |
| | 7125 | B# K OFFSET - ANTIQUE | 540 | 600 | 2 | 27600 | 111.11 |
| | | | | 600 | 2 | 27600 | 111.11 |
| | 7202 | RAVENSWOOD OPAQUE | 730 | 760 | 3 | 24790 | 104.10 |
| | | | | 760 | 3 | 24790 | 104.10 |
| | 921 | BLUE GREEN DUPONT PAPER | 650 | 770 | 8 | 189150 | 118.46 |
| | | | 650 | 800 | 2 | 66310 | 123.07 |
| | | | 650 | 830 | 4 | 138290 | 127.69 |
| | | | | 796 | 14 | 392750 | 122.49 |
| | 9600 | TRIAL RUNS | | 700 | 7 | | |
| | | | | | 7 | | |
| | | | | 763 | 141 | 3584570 | 107.57 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1203 | A.M. PRIDE | 750 | 820 | 4 | 125920 | 109.33 |
| | | | 750 | 830 | 2 | 17600 | 110.66 |
| | | | | 821 | 6 | 143520 | 109.49 |
| | 1207 | A 7 PRIDE | 710 | 760 | 2 | 43760 | 107.04 |
| | | | | 760 | 2 | 43760 | 107.04 |
| | 1208 | A.M. PRIDE | 680 | 680 | 1 | 30590 | 100.00 |
| | | | 680 | 720 | 7 | 135360 | 105.88 |
| | | | | 713 | 8 | 165950 | 104.80 |
| | 1210 | GENERIC OFFSET | 580 | 640 | 5 | 58060 | 110.34 |
| | | | 580 | 650 | 1 | 9880 | 112.06 |
| | | | 580 | 740 | 1 | 34210 | 127.58 |
| | | | | 674 | 7 | 102150 | 116.28 |
| | 1503 | WHITE SPEC K OFFSET | 740 | 780 | 2 | 42200 | 105.40 |
| | | | | 780 | 2 | 42200 | 105.40 |
| | 1702 | J OPACIFIED OFFSET | 680 | 700 | 2 | 65110 | 102.94 |
| | | | 680 | 730 | 1 | 33040 | 107.35 |
| | | | | 710 | 3 | 98150 | 104.42 |
| | 1800 | PRIDE OPAQUE | 750 | 790 | 2 | 18650 | 105.33 |
| | | | 750 | 800 | 1 | 12090 | 106.66 |
| | | | 750 | 850 | 2 | 5480 | 113.33 |
| | | | | 802 | 5 | 36220 | 106.98 |
| | 1840 | SPEC ALLIED PRIDE | 750 | 745 | 1 | 26720 | 99.33 |
| | | | 750 | 820 | 1 | 22970 | 109.33 |
| | | | 750 | 845 | 2 | 75190 | 112.66 |
| | | | 750 | 850 | 1 | 20940 | 113.33 |
| | | | | 823 | 5 | 145820 | 109.79 |
| | 2309 | ROYAL LITE | 720 | 780 | 4 | 27760 | 108.33 |
| | | | | 780 | 4 | 27760 | 108.33 |
| | 2203 | IMPERIAL BIBLE | 750 | 800 | 2 | 16390 | 106.66 |
| | | | | 800 | 2 | 16390 | 106.66 |
| | 2407 | SHAKESPEARE THIN | 750 | 780 | 1 | 5200 | 104.00 |
| | | | 750 | 785 | 1 | | 104.66 |
| | | | 750 | 800 | 1 | 5000 | 106.66 |
| | | | | 790 | 3 | 10200 | 105.30 |
| | 2503 | SOLITUDE OPAQUE | 750 | 820 | 4 | 30070 | 109.33 |
| | | | | 820 | 4 | 30070 | 109.33 |
| | 2535 | MANUAL OFFSET | 740 | 780 | 1 | 24000 | 105.40 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 780 | 1 | 24000 | 105.40 |
| | 2540 | A P LIGHT WEIGHT | 720 | 760 | 7 | 105340 | 108.55 |
| | | | 720 | 780 | 13 | 161580 | 108.33 |
| | | | | 772 | 20 | 266920 | 107.23 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 820 | 1 | 13840 | 109.33 |
| | | | 750 | 850 | 5 | 173080 | 113.33 |
| | | | 750 | 870 | 3 | 71500 | 116.00 |
| | | | | 854 | 9 | 258420 | 113.85 |
| | 2545 | A.P. LIGHTWEIGHT | 750 | 820 | 1 | 1350 | 109.33 |
| | | | 750 | 830 | 4 | 44880 | 110.66 |
| | | | | 830 | 5 | 46230 | 110.62 |
| | 7100 | K WHITE OFFSET | 740 | 760 | 4 | 115260 | 102.70 |
| | | | | 760 | 4 | 115260 | 102.70 |
| | 7101 | K WHITE OFFSET | 710 | 750 | 1 | | 105.63 |
| | | | 710 | 760 | 1 | 39970 | 107.04 |
| | | | | 760 | 2 | 39970 | 107.04 |
| | 7102 | K WHITE OFFSET | 680 | | 1 | | |
| | | | 680 | 710 | 7 | 281915 | 104.41 |
| | | | 680 | 720 | 4 | 76290 | 105.88 |
| | | | 680 | 730 | 4 | 78100 | 107.35 |
| | | | 680 | 740 | 4 | 49980 | 108.82 |
| | | | 680 | 770 | 2 | 16650 | 113.23 |
| | | | | 720 | 22 | 802935 | 105.82 |
| | 7104 | K WHITE OFFSET | 580 | | 2 | | |
| | | | 580 | 640 | 5 | 107370 | 110.34 |
| | | | | 640 | 7 | 107370 | 110.34 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 710 | 780 | 3 | 98240 | 109.85 |
| | | | | 780 | 3 | 98240 | 109.85 |
| | 7122 | B W K OFFSET - ANTIQUE | 680 | | 1 | | |
| | | | 680 | 710 | 2 | 14880 | 104.41 |
| | | | 680 | 720 | 4 | 115560 | 105.88 |
| | | | | 719 | 7 | 130440 | 105.71 |
| | 7123 | BW K OFFSET - ANTIQUE | 640 | 710 | 1 | 10080 | 110.93 |
| | | | | 710 | 1 | 10080 | 110.93 |
| | 7124 | B W K OFFSET ANTIQUE | 580 | 640 | 3 | 79960 | 110.34 |
| | | | | 640 | 3 | 79960 | 110.34 |
| | 7200 | RAVENSWOOD OPAQUE | 740 | 750 | 1 | 3250 | 101.35 |

SD 85988

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 740 | 770 | 1 | 33840 | 104.05 |
| | | | | 768 | 2 | 37090 | 103.81 |
| | 7201 | RAVENSWOOD OPAQUE | 710 | 690 | 2 | 31600 | 97.18 |
| | | | | 690 | 2 | 31600 | 97.18 |
| | 7202 | RAVENSWOOD OPAQUE | 680 | 740 | 2 | 44130 | 108.82 |
| | | | | 740 | 2 | 44130 | 108.82 |
| | 9600 | TRIAL RUNS | | 600 | 6 | | |
| | | | | | 6 | | |
| | | | | 754 | 147 | 2654835 | 107.91 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 1 | 1503 | WHITE SPEC K OFFSET | 760 | 770 | 2 | 12480 | 101.31 |
| | | | | 770 | 2 | 12480 | 101.31 |
| | 1510 | WHITE SPEC K OFFSET | 750 | 710 | 1 | 11360 | 94.66 |
| | | | | 710 | 1 | 11360 | 94.66 |
| | 1533 | WHITE SPEC K OFFSET | 750 | 710 | 3 | 28110 | 94.66 |
| | | | 750 | 760 | 2 | 30560 | 101.33 |
| | | | 750 | 770 | 2 | 29060 | 102.66 |
| | | | | 747 | 7 | 87730 | 99.63 |
| | 1559 | WHITE SPEC K OFFSET | 630 | 650 | 1 | 7200 | 103.17 |
| | | | 630 | 670 | 1 | 11310 | 106.34 |
| | | | | 662 | 2 | 18510 | 105.11 |
| | 2902 | DICKENS OFFSET | 750 | | 4 | | |
| | | | | | 4 | | |
| | 3005 | SUPERIOR OFFSET | 550 | 560 | 3 | 122700 | 101.81 |
| | | | | 560 | 3 | 122700 | 101.81 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 460 | 470 | 1 | 7920 | 102.17 |
| | | | | 470 | 1 | 7920 | 102.17 |
| | 7100 | K WHITE OFFSET | 760 | 650 | 1 | 2400 | 85.52 |
| | | | 760 | 740 | 1 | 11400 | 97.36 |
| | | | 760 | 770 | 6 | 132850 | 101.31 |
| | | | 760 | 780 | 1 | | 102.63 |
| | | | | 766 | 9 | 146650 | 100.74 |
| | 7102 | K WHITE OFFSET | 750 | | 1 | | |
| | | | 750 | 680 | 1 | 19040 | 90.66 |
| | | | 750 | 700 | 7 | 134320 | 93.33 |
| | | | 750 | 710 | 1 | 12080 | 94.66 |
| | | | 750 | 720 | 7 | 134300 | 96.00 |
| | | | 750 | 735 | 1 | 14130 | 98.00 |
| | | | 750 | 740 | 8 | 135950 | 98.66 |
| | | | 780 | 748 | 1 | 20760 | 99.33 |
| | | | 750 | 750 | 21 | 351950 | 100.00 |
| | | | 750 | 760 | 11 | 234810 | 101.33 |
| | | | 750 | 770 | 25 | 416825 | 102.66 |
| | | | | 748 | 84 | 1473295 | 99.68 |
| | 7104 | K WHITE OFFSET | 630 | 650 | 17 | 376340 | 103.17 |
| | | | 630 | 660 | 17 | 352740 | 104.76 |
| | | | 630 | 670 | 10 | 205810 | 106.34 |
| | | | | 658 | 44 | 934890 | 104.47 |
| | 7115 | K WHITE OFFSET | 550 | 560 | 3 | 23520 | 101.81 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 550 | 570 | 5 | 139120 | 103.63 |
| | | | | 569 | 8 | 162640 | 103.37 |
| | 7107 | K WHITE OFFSET | 460 | 470 | 2 | 20220 | 102.17 |
| | | | | 470 | 2 | 20220 | 102.17 |
| | 7109 | BW K OFFSET | 360 | 350 | 4 | 100550 | 97.22 |
| | | | | 350 | 4 | 100550 | 97.22 |
| | 7122 | B W K OFFSLT - ANTIQUE | 750 | 720 | 2 | 21040 | 96.00 |
| | | | 750 | 735 | 1 | 9750 | 98.00 |
| | | | 750 | 740 | 2 | 30720 | 98.66 |
| | | | 750 | 760 | 4 | 35430 | 101.33 |
| | | | | 742 | 9 | 96940 | 98.99 |
| | 7125 | BW K OFFSET - ANTIQUE | 550 | 560 | 1 | 3720 | 101.81 |
| | | | | 560 | 1 | 3720 | 101.81 |
| | 9000 | TRIAL RUNS | | | 1 | | |
| | | | | | 1 | | |
| | | | | 690 | 182 | 3199605 | 101.34 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 274 | TYPE 904-B R.S. | 625 | 560 | 3 | 14220 | 89.60 |
| | | | | 560 | 3 | 14220 | 89.60 |
| | 276 | TYPE IV E DT BLADE BASE | 520 | 550 | 7 | 201735 | 105.76 |
| | | | 520 | 560 | 10 | 211530 | 107.69 |
| | | | 520 | 570 | 5 | 183780 | 109.61 |
| | | | | 560 | 22 | 597045 | 107.53 |
| | 277 | TYPE IV 1/2 LT LW BLADE BASE | 590 | 570 | 2 | 39540 | 103.63 |
| | | | | 570 | 2 | 39540 | 103.63 |
| | 1206 | SPLC A.M. PRIDE | 750 | 780 | 4 | 130260 | 104.00 |
| | | | | 780 | 4 | 130260 | 104.00 |
| | 1207 | A T PRIDE | 730 | 740 | 2 | 15910 | 101.36 |
| | | | 730 | 750 | 3 | 22870 | 102.73 |
| | | | 730 | 760 | 7 | 105180 | 104.10 |
| | | | | 756 | 12 | 143560 | 103.59 |
| | 1208 | A.M. PRIDE | 720 | 740 | 1 | 27570 | 102.77 |
| | | | 720 | 750 | 9 | 134360 | 104.16 |
| | | | 720 | 760 | 2 | 15730 | 105.55 |
| | | | | 749 | 12 | 177660 | 104.07 |
| | 1210 | GENERIC OFFSET | 620 | 650 | 1 | 11430 | 104.83 |
| | | | 620 | 670 | 1 | 32370 | 108.06 |
| | | | 620 | 680 | 3 | 80980 | 109.67 |
| | | | | 675 | 5 | 124780 | 108.81 |
| | 1211 | GENERIC OFFSET | 550 | 570 | 3 | 23550 | 103.63 |
| | | | 550 | 580 | 2 | 37060 | 105.45 |
| | | | | 576 | 5 | 60610 | 104.74 |
| | 2536 | I B M MANUAL | 720 | 750 | 9 | 176720 | 104.16 |
| | | | 720 | 760 | 1 | 11700 | 105.55 |
| | | | | 751 | 10 | 188420 | 104.25 |
| | 3502 | SCHOOL CUTS | 690 | 670 | 3 | 46250 | 97.10 |
| | | | 690 | 720 | 1 | 5100 | 104.34 |
| | | | | 675 | 4 | 51350 | 97.82 |
| | 7100 | K WHITE OFFSET | 750 | 770 | 7 | 80130 | 102.66 |
| | | | 750 | 780 | 5 | 86860 | 104.09 |
| | | | | 774 | 12 | 136990 | 103.22 |
| | 7101 | K WHITE OFFSET | 730 | 750 | 3 | 43700 | 102.73 |
| | | | 730 | 760 | 6 | 146590 | 104.10 |
| | | | 730 | 780 | 3 | 104705 | 106.84 |
| | | | | 766 | 12 | 294995 | 104.97 |

SD 853912

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7102 | K WHITE OFFSET | 720 | 750 | 3 | 42890 | 104.16 |
| | | | 720 | 760 | 6 | 91840 | 105.55 |
| | | | 720 | 770 | 3 | 39610 | 106.94 |
| | | | | 760 | 12 | 174340 | 105.52 |
| | 7104 | K WHITE OFFSET | 620 | 650 | 3 | 92900 | 104.83 |
| | | | 620 | 670 | 3 | 65780 | 108.06 |
| | | | | 658 | 6 | 158680 | 106.17 |
| | 7120 | B W K OFFSET - ANTIQUE | 750 | 760 | 1 | 10800 | 101.33 |
| | | | | 760 | 1 | 10800 | 101.33 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 730 | 760 | 6 | 63730 | 104.10 |
| | | | | 760 | 6 | 63730 | 104.10 |
| | 7122 | B W K OFFSET - ANTIQUE | 720 | 740 | 7 | 84500 | 102.77 |
| | | | 720 | 750 | 3 | 37670 | 104.16 |
| | | | | 743 | 10 | 122170 | 103.20 |
| | 7124 | B W K OFFSET ANTIQUE | 620 | 670 | 1 | 16020 | 108.06 |
| | | | 620 | 680 | 2 | 38010 | 109.67 |
| | | | | 677 | 3 | 54030 | 109.19 |
| | 7201 | RAVENSWOOD OPAQUE | 730 | 750 | 4 | 64020 | 102.73 |
| | | | | 750 | 4 | 64020 | 102.73 |
| | 7202 | RAVENSWOOD OPAQUE | 720 | 750 | 19 | 436545 | 104.16 |
| | | | | 750 | 19 | 436545 | 104.16 |
| | 7204 | RAVENSWOOD OPAQUE | 620 | 650 | 2 | 26860 | 104.83 |
| | | | 620 | 680 | 2 | 41360 | 109.67 |
| | | | | 669 | 4 | 70220 | 107.87 |
| | 9600 | TRIAL RUNS | | 720 | 1 | | |
| | | | | | 1 | | |
| | | | | 700 | 169 | 3113965 | 105.11 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| M | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 874 | TYPE 904-B | 300 | 498 | 1 | | 166.00 |
| | | | 300 | 1400 | 4 | 25216 | 466.66 |
| | | | | 1400 | 5 | 25216 | 466.66 |
| | 876 | MASTERBASE TYPE IV DT | 345 | 490 | 3 | | 142.02 |
| | | | 345 | 500 | 54 | 21373 | 144.92 |
| | | | 345 | 526 | 3 | | 152.46 |
| | | | 345 | 537 | 3 | | 155.65 |
| | | | 345 | 557 | 3 | | 161.44 |
| | | | 345 | 580 | 3 | | 168.11 |
| | | | 345 | 595 | 3 | | 172.46 |
| | | | 345 | 617 | 3 | | 178.84 |
| | | | 345 | 1000 | 19 | 398038 | 289.85 |
| | | | 345 | 1074 | 2 | 20914 | 311.30 |
| | | | 345 | 1100 | 4 | -91047 | 318.84 |
| | | | | 1000 | 100 | 531372 | 289.83 |
| | 9602 | TRIAL RUNS | | 300 | 3 | | |
| | | | | 625 | 2 | | |
| | | | | | 5 | | |
| | | | | 1018 | 110 | 556588 | 297.84 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1100 | UW RAMTEXT NEW SHADE EB | 103 | 104 | 20 | 362950 | 100.97 |
| | | | | 104 | 20 | 362950 | 100.97 |
| | 1203 | A.M. PRIDE | 120 | 97 | 2 | 15370 | 80.83 |
| | | | | 97 | 2 | 15370 | 80.83 |
| | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 116 | 114 | 4 | 51400 | 98.27 |
| | | | | 114 | 4 | 51400 | 98.27 |
| | 2104 | BRITISH OPAQUE | 110 | 118 | 4 | 77690 | 107.27 |
| | | | | 118 | 4 | 77690 | 107.27 |
| | 2210 | C W IMPERIAL BIBLE | 96 | 102 | 8 | 124760 | 106.25 |
| | | | | 102 | 8 | 124760 | 106.25 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 117 | 4 | 69110 | 106.36 |
| | | | 110 | 116 | 3 | 55700 | 105.45 |
| | | | | 117 | 7 | 124810 | 105.95 |
| | 2241 | LAWYERS OFFSET | 110 | 108 | 12 | 228620 | 98.18 |
| | | | | 108 | 12 | 228620 | 98.18 |
| | 2503 | SOLITUDE OPAQUE | 110 | 110 | 3 | 41450 | 100.00 |
| | | | | 110 | 3 | 41450 | 100.00 |
| | 2540 | A P LIGHT WEIGHT | 110 | 111 | 4 | 46760 | 100.90 |
| | | | 110 | 102 | 14 | 194280 | 92.72 |
| | | | | 104 | 18 | 241010 | 94.31 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 116 | 105 | 5 | 43090 | 90.51 |
| | | | | 105 | 5 | 43090 | 90.51 |
| | 2542 | A P LIGHT WEIGHT | 105 | 102 | 1 | 6440 | 97.14 |
| | | | | 102 | 1 | 6440 | 97.14 |
| | 2545 | A.P. LIGHTWEIGHT | 110 | 105 | 1 | 15510 | 95.45 |
| | | | 110 | 93 | 2 | 14520 | 84.84 |
| | | | | 99 | 3 | 30030 | 90.17 |
| | 2549 | A.P. LIGHTWEIGHT | 110 | 110 | 2 | 23180 | 100.00 |
| | | | | 110 | 2 | 23180 | 100.00 |
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 105 | 119 | 3 | 43740 | 113.33 |
| | | | | 119 | 3 | 43740 | 113.33 |
| | 3830 | WHITE BOOKLITE | 102 | 104 | 12 | 164940 | 101.96 |
| | | | | 104 | 12 | 164940 | 101.96 |
| | 9000 | TRIAL RUNS | | 110 | 2 | | |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| M | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE 2 | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 107 | 106 | 1679480 | 100.29 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1206 | SPEC A.M. PRIDE | 142 | 140 | 13 | 418570 | 98.59 |
| | | | | 140 | 13 | 418570 | 98.59 |
| | 1208 | A.M. PRIDE | 148 | 142 | 2 | 42080 | 95.94 |
| | | | 148 | 140 | 6 | 114670 | 94.59 |
| | | | 148 | 128 | 2 | 45720 | 86.48 |
| | | | | 138 | 10 | 202470 | 93.04 |
| | 1210 | GENERIC OFFSET | 142 | 146 | 2 | 70940 | 102.81 |
| | | | 142 | 142 | 1 | 44320 | 100.00 |
| | | | 142 | 140 | 2 | 20910 | 98.59 |
| | | | | 144 | 5 | 136170 | 101.25 |
| | 1211 | GENERIC OFFSET | 148 | 140 | 1 | 11160 | 94.59 |
| | | | | 140 | 1 | 11160 | 94.59 |
| | 1533 | WHITE SPEC K OFFSET | 142 | 140 | 1 | 24240 | 98.59 |
| | | | | 140 | 1 | 24240 | 98.59 |
| | 1800 | PRIDE OPAQUE | 140 | 138 | 4 | 77220 | 98.57 |
| | | | | 138 | 4 | 77220 | 98.57 |
| | 2836 | I B M MANUAL | 142 | 142 | 4 | 176200 | 100.00 |
| | | | 142 | 140 | 20 | 713120 | 98.59 |
| | | | | 140 | 24 | 889320 | 98.87 |
| | 7101 | K WHITE OFFSET | 142 | 144 | 2 | 27640 | 101.40 |
| | | | | 144 | 2 | 27640 | 101.40 |
| | 7102 | K WHITE OFFSET | 142 | 148 | 3 | 78650 | 104.22 |
| | | | 142 | 144 | 4 | 124730 | 101.40 |
| | | | 142 | 140 | 19 | 581820 | 98.59 |
| | | | 142 | 139 | 1 | 8620 | 97.88 |
| | | | 142 | 138 | 1 | 14340 | 97.18 |
| | | | 142 | 136 | 2 | 39100 | 95.77 |
| | | | 142 | 132 | 2 | 19940 | 92.95 |
| | | | 142 | 128 | 4 | 74510 | 90.14 |
| | | | | 140 | 36 | 941710 | 98.50 |
| | 7104 | K WHITE OFFSET | 142 | 140 | 5 | 164240 | 98.59 |
| | | | 142 | 134 | 1 | 4680 | 94.36 |
| | | | 142 | 129 | 1 | 11580 | 90.84 |
| | | | | 139 | 7 | 180500 | 97.98 |
| | 7122 | B W K OFFSET - ANTIQUE | 142 | 147 | 1 | 37790 | 103.52 |
| | | | 142 | 140 | 3 | 60470 | 98.59 |
| | | | | 143 | 4 | 98260 | 100.40 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 140 | 2 | 4[illegible] | 98.[illegible] |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| M | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 140 | 2 | 40110 | 98.59 |
| | 7124 | B W K OFFSET ANTIQUE | 142 | 148 | 1 | 23020 | 104.22 |
| | | | 142 | 140 | 3 | 53200 | 98.59 |
| | | | 142 | 139 | 1 | 9280 | 97.88 |
| | | | 142 | 124 | 1 | 6560 | 87.32 |
| | | | | 141 | 6 | 92060 | 99.12 |
| | 71[illegible] | BW K OFFSET - ANTIQUE | 142 | 140 | 2 | 27600 | 98.59 |
| | | | | 140 | 2 | 27600 | 98.59 |
| | 7202 | RAVENSWOOD OPAQUE | 140 | 140 | 1 | 9840 | 100.00 |
| | | | 140 | 138 | 2 | 14950 | 98.57 |
| | | | | 139 | 3 | 24790 | 99.14 |
| | 9[illegible]1 | BLUE GREEN DUPONT PAPER | 148 | 148 | 14 | 392750 | 100.00 |
| | | | | 148 | 14 | 392750 | 100.00 |
| | 9606 | TRIAL RUNS | | 147 | 2 | | |
| | | | | 146 | 3 | | |
| | | | | 128 | 2 | | |
| | | | | | 7 | | |
| | | | | 141 | 141 | 3584570 | 98.63 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1203 | A.M. PRIDE | 128 | 130 | 6 | 143520 | 101.56 |
| | | | | 130 | 6 | 143520 | 101.56 |
| | 1207 | A 7 PRIDE | 138 | 130 | 2 | 43760 | 94.20 |
| | | | | 130 | 2 | 43760 | 94.20 |
| | 1208 | A.M. PRIDE | 136 | 139 | 5 | 135090 | 102.20 |
| | | | 136 | 128 | 2 | 25960 | 94.11 |
| | | | 136 | 119 | 1 | 4900 | 87.50 |
| | | | | 137 | 8 | 165950 | 100.50 |
| | 1210 | GENERIC OFFSET | 136 | 137 | 3 | 32590 | 100.73 |
| | | | 136 | 131 | 1 | 9270 | 96.32 |
| | | | 136 | 128 | 2 | 50410 | 94.11 |
| | | | 136 | 124 | 1 | 9880 | 91.17 |
| | | | | 131 | 7 | 102150 | 96.14 |
| | 1503 | WHITE SPEC K OFFSET | 132 | 124 | 2 | 42200 | 93.93 |
| | | | | 124 | 2 | 42200 | 93.93 |
| | 1702 | J OPACIFIED OFFSET | 136 | 130 | 3 | 98150 | 95.58 |
| | | | | 130 | 3 | 98150 | 95.58 |
| | 1803 | PRIDE OPAQUE | 136 | 138 | 2 | 5480 | 101.47 |
| | | | 136 | 137 | 3 | 30740 | 100.73 |
| | | | | 137 | 5 | 36220 | 100.84 |
| | 1840 | SPEC ALLIED PRIDE | 138 | 122 | 5 | 145820 | 88.40 |
| | | | | 122 | 5 | 145820 | 88.40 |
| | 2009 | ROYAL LITE | 132 | 120 | 4 | 27760 | 90.90 |
| | | | | 120 | 4 | 27760 | 90.90 |
| | 2203 | IMPERIAL BIBLE | 134 | 131 | 2 | 16390 | 97.76 |
| | | | | 131 | 2 | 16390 | 97.76 |
| | 2407 | SHAKESPEARE THIN | 132 | 136 | 2 | 5200 | 103.03 |
| | | | 132 | 130 | 1 | 5000 | 98.48 |
| | | | | 133 | 3 | 10200 | 100.80 |
| | 2503 | SOLITUDE OPAQUE | 134 | 131 | 4 | 30070 | 97.76 |
| | | | | 131 | 4 | 30070 | 97.76 |
| | 2535 | MANUAL OFFSET | 134 | 138 | 1 | 24000 | 102.98 |
| | | | | 138 | 1 | 24000 | 102.98 |
| | 2540 | A P LIGHT WEIGHT | 132 | 118 | 20 | 266920 | 89.39 |
| | | | | 118 | 20 | 266920 | 89.39 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| MH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2543 | A.P. LIGHTWEIGHT | 138 | 132 | 4 | 65340 | 95.65 |
| | | | 138 | 128 | 5 | 173080 | 92.75 |
| | | | | 129 | 9 | 256420 | 93.71 |
| | 2545 | A.P. LIGHTWEIGHT | 134 | 135 | 2 | 12880 | 100.74 |
| | | | 134 | 126 | 2 | 24180 | 94.02 |
| | | | 134 | 124 | 1 | 9200 | 92.53 |
| | | | | 128 | 5 | 46230 | 95.60 |
| | 7100 | K WHITE OFFSET | 136 | 131 | 1 | 10220 | 96.32 |
| | | | 136 | 125 | 3 | 105040 | 91.91 |
| | | | | 126 | 4 | 115260 | 92.30 |
| | 7101 | K WHITE OFFSET | 136 | 135 | 2 | 39970 | 99.26 |
| | | | | 135 | 2 | 39970 | 99.26 |
| | 7102 | K WHITE OFFSET | 136 | 138 | 4 | 78100 | 101.47 |
| | | | 136 | 135 | 4 | 59390 | 99.26 |
| | | | 136 | 133 | 2 | 33550 | 97.79 |
| | | | 136 | 129 | 3 | 31640 | 94.85 |
| | | | 136 | 128 | 2 | 18340 | 94.11 |
| | | | 136 | 125 | 5 | 201920 | 91.91 |
| | | | 136 | 123 | 2 | 79995 | 90.44 |
| | | | | 129 | 22 | 502935 | 94.69 |
| | 7104 | K WHITE OFFSET | 136 | 138 | 3 | 9760 | 101.47 |
| | | | 136 | 136 | 2 | 40120 | 100.00 |
| | | | 136 | 128 | 1 | 36320 | 94.11 |
| | | | 136 | 123 | 1 | 21170 | 90.44 |
| | | | | 131 | 7 | 107370 | 96.26 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 136 | 124 | 3 | 98240 | 91.17 |
| | | | | 124 | 3 | 98240 | 91.17 |
| | 7122 | B W K OFFSET - ANTIQUE | 136 | 138 | 4 | 42890 | 101.47 |
| | | | 136 | 125 | 3 | 87850 | 91.91 |
| | | | | 129 | 7 | 130440 | 95.03 |
| | 7123 | BW K OFFSET - ANTIQUE | 136 | 138 | 1 | 10080 | 101.47 |
| | | | | 138 | 1 | 10080 | 101.47 |
| | 7124 | B W K OFFSET ANTIQUE | 136 | 132 | 2 | 40000 | 97.05 |
| | | | 136 | 124 | 1 | 39960 | 91.17 |
| | | | | 128 | 3 | 79960 | 94.11 |
| | 7200 | RAVENSWOOD OPAQUE | 136 | 128 | 2 | 37090 | 94.11 |
| | | | | 128 | 2 | 37090 | 94.11 |
| | 7201 | RAVENSWOOD OPAQUE | 136 | 137 | 2 | 31600 | 100.73 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1986

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 137 | 2 | 31600 | 100.73 |
| | 7202 | RAVENSWOOD OPAQUE | 136 | 123 | 2 | 44130 | 90.44 |
| | | | | 123 | 2 | 44130 | 90.44 |
| | 9600 | TRIAL RUNS | | 136 | 2 | | |
| | | | | 134 | 2 | | |
| | | | | 132 | 2 | | |
| | | | | | 6 | | |
| | | | | 128 | 147 | 2664836 | 94.65 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| M | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 1 | 1503 | WHITE SPEC K OFFSET | 105 | 118 | 2 | 12480 | 112.38 |
| | | | | 118 | 2 | 12480 | 112.38 |
| | 1510 | WHITE SPEC K OFFSET | 106 | 110 | 1 | 11360 | 103.77 |
| | | | | 110 | 1 | 11360 | 103.77 |
| | 1537 | WHITE SPEC K OFFSET | 106 | 116 | 4 | 61130 | 109.43 |
| | | | 106 | 105 | 1 | 16740 | 99.05 |
| | | | 105 | 104 | 2 | 9860 | 98.11 |
| | | | | 113 | 7 | 87730 | 106.18 |
| | 1559 | WHITE SPEC K OFFSET | 105 | 105 | 2 | 18510 | 100.00 |
| | | | | 105 | 2 | 18510 | 100.00 |
| | 2902 | DICKENS OFFSET | 110 | 113 | 4 | | 102.72 |
| | | | | | 4 | | |
| | 3005 | SUPERIOR OFFSET | 110 | 100 | 3 | 122700 | 90.90 |
| | | | | 100 | 3 | 122700 | 90.90 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 120 | 101 | 1 | 7920 | 84.16 |
| | | | | 101 | 1 | 7920 | 84.16 |
| | 7101 | K WHITE OFFSET | 110 | 116 | 4 | 15000 | 105.45 |
| | | | 110 | 111 | 3 | 89510 | 100.90 |
| | | | 110 | 105 | 2 | 42140 | 95.45 |
| | | | | 110 | 9 | 146650 | 99.80 |
| | 7102 | K WHITE OFFSET | 110 | 120 | 4 | 38880 | 109.09 |
| | | | 110 | 119 | 6 | 126400 | 108.18 |
| | | | 110 | 116 | 4 | 54390 | 105.45 |
| | | | 110 | 115 | 2 | 37780 | 104.54 |
| | | | 110 | 114 | 4 | 73000 | 103.63 |
| | | | 110 | 113 | 3 | 24750 | 102.72 |
| | | | 110 | 112 | 6 | 101120 | 101.81 |
| | | | 110 | 109 | 2 | 14840 | 99.09 |
| | | | 110 | 108 | 3 | 46630 | 98.18 |
| | | | 110 | 107 | 7 | 171630 | 97.27 |
| | | | 110 | 105 | 21 | 384505 | 95.45 |
| | | | 110 | 104 | 7 | 148720 | 94.54 |
| | | | 110 | 103 | 2 | 31770 | 93.63 |
| | | | 110 | 102 | 2 | 7020 | 92.72 |
| | | | 110 | 101 | 6 | 69360 | 91.81 |
| | | | 110 | 100 | 5 | 141800 | 90.90 |
| | | | | 108 | 84 | 1473295 | 98.06 |
| | 7104 | K WHITE OFFSET | 110 | 123 | 2 | 43550 | 111.81 |
| | | | 110 | 120 | 1 | 22560 | 109.09 |
| | | | 110 | 119 | 7 | 167390 | 108.18 |

SB 853922

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 116 | 2 | 25020 | 105.45 |
| | | | 110 | 115 | 3 | 33150 | 104.54 |
| | | | 110 | 114 | 1 | 40440 | 103.63 |
| | | | 110 | 113 | 2 | 34850 | 102.72 |
| | | | 110 | 112 | 8 | 156960 | 101.81 |
| | | | 110 | 107 | 1 | 7200 | 97.27 |
| | | | 110 | 106 | 6 | 183110 | 96.36 |
| | | | 110 | 105 | 6 | 101080 | 95.45 |
| | | | 110 | 104 | 2 | 62370 | 94.54 |
| | | | 110 | 102 | 1 | 32240 | 92.72 |
| | | | 110 | 99 | 2 | 24970 | 90.00 |
| | | | | 111 | 44 | 934890 | 100.99 |
| | 7105 | K WHITE OFFSET | 110 | 124 | 3 | 98110 | 112.72 |
| | | | 110 | 105 | 5 | 64630 | 95.45 |
| | | | | 116 | 8 | 162640 | 105.87 |
| | 7107 | K WHITE OFFSET | 110 | 93 | 2 | 20220 | 84.54 |
| | | | | 93 | 2 | 20220 | 84.54 |
| | 7109 | BW K OFFSET | 110 | 116 | 1 | 9200 | 105.45 |
| | | | 110 | 106 | 3 | 91350 | 96.36 |
| | | | | 107 | 4 | 100850 | 97.19 |
| | 7122 | U W K OFFSET - ANTIQUE | 110 | 120 | 1 | 6720 | 109.09 |
| | | | 110 | 117 | 1 | 13650 | 106.35 |
| | | | 110 | 105 | 3 | 24660 | 95.45 |
| | | | 110 | 102 | 2 | 30720 | 92.72 |
| | | | 110 | 100 | 2 | 21040 | 90.90 |
| | | | | 106 | 9 | 96940 | 96.10 |
| | 7125 | BW K OFFSET - ANTIQUE | 110 | 114 | 1 | 3720 | 103.63 |
| | | | | 114 | 1 | 3720 | 103.63 |
| | 9600 | TRIAL RUNS | | 107 | 1 | | |
| | | | | | 1 | | |
| | | | | 109 | 182 | 3199605 | 99.23 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 274 | TYPE 304-8 P.S. | 110 | 106 | 2 | 14220 | 96.36 |
| | | | 110 | 100 | 1 | | 90.90 |
| | | | | 106 | 3 | 14220 | 96.36 |
| | 276 | TYPE IV E DT BLADE BASE | 124 | 118 | 20 | 586478 | 95.16 |
| | | | 124 | 112 | 2 | 10570 | 90.32 |
| | | | | 118 | 22 | 597045 | 95.07 |
| | 278 | TYPE IV 1/2 LT LW BLADE BASE | 104 | 114 | 2 | 39540 | 109.61 |
| | | | | 114 | 2 | 39540 | 109.61 |
| | 1206 | SPLC A.M. PRIDE | 102 | 107 | 4 | 130260 | 104.90 |
| | | | | 107 | 4 | 130260 | 104.90 |
| | 1207 | A 7 PRIDE | 106 | 119 | 2 | 3820 | 112.26 |
| | | | 106 | 105 | 9 | 136630 | 99.05 |
| | | | 106 | 84 | 1 | 3110 | 79.24 |
| | | | | 105 | 12 | 143860 | 98.97 |
| | 1208 | A.M. PRIDE | 110 | 118 | 3 | 42100 | 107.27 |
| | | | 110 | 117 | 1 | 27570 | 106.36 |
| | | | 110 | 107 | 1 | 12260 | 97.27 |
| | | | 110 | 105 | 3 | 46240 | 95.45 |
| | | | 110 | 97 | 2 | 32440 | 88.18 |
| | | | 110 | 96 | 1 | 3470 | 87.27 |
| | | | 110 | 93 | 1 | 13580 | 84.54 |
| | | | | 100 | 12 | 177660 | 97.75 |
| | 1210 | GENERIC OFFSET | 110 | 105 | 1 | 11430 | 95.45 |
| | | | 110 | 104 | 3 | 80980 | 94.54 |
| | | | 110 | 93 | 1 | 32370 | 84.84 |
| | | | | 101 | 5 | 124780 | 92.03 |
| | 1211 | GENERIC OFFSET | 105 | 113 | 1 | 7350 | 107.61 |
| | | | 105 | 97 | 2 | 37060 | 92.38 |
| | | | 105 | 93 | 2 | 16200 | 88.57 |
| | | | | 98 | 5 | 60610 | 93.21 |
| | 2536 | I A M MANUAL | 110 | 105 | 10 | 188420 | 95.45 |
| | | | | 105 | 10 | 188420 | 95.45 |
| | 3502 | SCHOOL COTE | 105 | 119 | 4 | 81350 | 113.33 |
| | | | | 119 | 4 | 81350 | 113.33 |
| | 7100 | K WHITE OFFSET | 110 | 117 | 2 | 25940 | 106.36 |
| | | | 110 | 116 | 1 | 11230 | 105.45 |
| | | | 110 | 111 | 3 | 31380 | 100.90 |
| | | | 110 | 110 | 2 | 35880 | 100.00 |
| | | | 110 | 105 | 3 | 21250 | 95.45 |

SD 853924

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 104 | 1 | 11330 | 94.54 |
| | | | | 111 | 12 | 136990 | 100.70 |
| | 7101 | K WHITE OFFSET | 110 | 117 | 1 | 15320 | 106.36 |
| | | | 110 | 110 | 2 | 32520 | 100.00 |
| | | | 110 | 106 | 6 | 183455 | 96.36 |
| | | | 110 | 101 | 1 | 18980 | 91.81 |
| | | | 110 | 98 | 2 | 24720 | 89.09 |
| | | | | 106 | 12 | 294995 | 96.63 |
| | 7102 | K WHITE OFFSET | 110 | 114 | 2 | 7840 | 103.63 |
| | | | 110 | 113 | 2 | 46920 | 102.72 |
| | | | 110 | 107 | 4 | 68690 | 97.27 |
| | | | 110 | 105 | 1 | 8210 | 95.45 |
| | | | 110 | 104 | 3 | 42680 | 94.54 |
| | | | | 108 | 12 | 174340 | 98.27 |
| | 7104 | K WHITE OFFSET | 110 | 107 | 2 | 47280 | 97.27 |
| | | | 110 | 106 | 1 | 18600 | 96.36 |
| | | | 110 | 102 | 3 | 92900 | 92.72 |
| | | | | 104 | 6 | 158680 | 94.50 |
| | 7120 | B W K OFFSET - ANTIQUE | 110 | 105 | 1 | 10800 | 95.45 |
| | | | | 105 | 1 | 10800 | 95.45 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 110 | 115 | 1 | 6280 | 104.54 |
| | | | 110 | 112 | 3 | 47100 | 101.81 |
| | | | 110 | 100 | 2 | 10350 | 90.90 |
| | | | | 110 | 6 | 63730 | 100.31 |
| | 7122 | B W-K OFFSET - ANTIQUE | 110 | 116 | 1 | 18970 | 105.45 |
| | | | 110 | 115 | 2 | 20790 | 104.54 |
| | | | 110 | 113 | 1 | 26970 | 102.72 |
| | | | 110 | 109 | 2 | 7320 | 99.09 |
| | | | 110 | 105 | 4 | 48120 | 95.45 |
| | | | | 110 | 10 | 122170 | 100.37 |
| | 7124 | B W K OFFSET ANTIQUE | 124 | 105 | 3 | 54030 | 84.67 |
| | | | | 105 | 3 | 54030 | 84.67 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 106 | 3 | 55630 | 96.36 |
| | | | 110 | 105 | 1 | 8490 | 95.45 |
| | | | | 106 | 4 | 64020 | 96.24 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 107 | 9 | 285685 | 97.27 |
| | | | 110 | 106 | 4 | 62740 | 96.36 |
| | | | 110 | 102 | 2 | 40090 | 92.72 |
| | | | 110 | 96 | 1 | 2760 | 87.27 |
| | | | 110 | 92 | 3 | 45270 | 83.63 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 105 | 19 | 436545 | 95.24 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 105 | 2 | 26860 | 95.45 |
| | | | 110 | 100 | 2 | 43360 | 90.90 |
| | | | | 102 | 4 | 70220 | 92.64 |
| | 9500 | TRIAL RUNS | | 112 | 1 | | |
| | | | | | 1 | | |
| | | | | 108 | 169 | 3113965 | 96.85 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 04.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 874 | TYPE 904-D | 102 | 106 | 1 | | 103.92 |
| | | | 102 | 104 | 3 | 14151 | 101.96 |
| | | | 102 | 98 | 1 | 11355 | 96.07 |
| | | | | 101 | 5 | 25216 | 99.38 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 115 | 98 | 510722 | 112.74 |
| | | | 102 | 110 | 1 | 9455 | 107.84 |
| | | | 102 | 107 | 1 | 11195 | 104.90 |
| | | | | 115 | 100 | 531372 | 112.49 |
| | 9600 | TRIAL RUNS | | 120 | 2 | | |
| | | | | 117 | 3 | | |
| | | | | | 5 | | |
| | | | | 114 | 110 | 556588 | 111.89 |

38760
22080
16680
11000
33080

900-
1840
2740

MARCH, 1985.

-L I E D P A P E R I N
-Y PRODUCTION SYSTEM
Y BY GRADE THRU WEEK S OF

| | | JN TIME ACT | EFFIC | STD | W |
|---|---|---|---|---|---|
| +5 | 971 | 60.8 | 102.36 | 160903 | 2 |
| | | 2.8 | 87.27 | 9128 | |
| | | 10.4 | 106.03 | 25072 | |
| 6 176990 + | 2017 | 19.2 | 104.21 | 47853 | |
| | | 14.5 | 105.45 | 42325 | |
| 7 | 1894 | 9.9 | 94.74 | 27858 | |
| | | 54.9 | 102.91 | 158910 | 1 |
| | | 6.3 | 101.07 | 11088 | |
| 8 7560 + | 1969 | 85.0 | 97.10 | 136384 | 1 |
| | | 12.6 | 93.51 | 34714 | |
| | | 2.9 | 81.82 | 10408 | |
| 9 43180 + | 1985 | 79.8 | 104.26 | 239585 | 2 |
| | | 2.7 | 81.82 | 7187 | |
| | | 21.5 | 104.24 | 67539 | |
| | | 46.8 | 100.50 | 102059 | 1 |
| | | 34.7 | 100.41 | 88091 | |
| 17 139687 + | 350 | 93.3 | 101.30 | 106332 | 1 |
| | | 20.8 | 78.79 | 42006 | |
| | | 9.1 | 91.76 | 27522 | |
| | | 22.4 | 93.99 | 56697 | |
| | | 81.3 | 100.99 | 201454 | 2 |
| | | 27.3 | 100.96 | 79686 | |
| | | 64.7 | 96.82 | 117463 | |
| this 5 | 744 | | | | |
| | | 744.3 | 99.41 | 1887164 | 19 |
| 6 32.3 + | 751 | | | | |
| | | 113.1 | 99.66 | 480085 | 5 |
| 7 | 746 | 54.3 | 105.97 | 396480 | 3 |
| | | 15.3 | 99.44 | 71574 | |
| 8 4.3+ | 786 | 17.7 | 106.09 | 118270 | 1 |
| | | 140.5 | 98.19 | 631795 | 5 |
| 9 19.9+ | 738 | 16.4 | 104.63 | 119013 | 1 |
| | | 14.4 | 100.75 | 62092 | |
| | | 5.1 | 109.09 | 42041 | |
| | | 1.2 | 23.51 | 9000 | |
| | | 2.1 | 99.17 | 14896 | |
| 17 58.4 | 218 | 68.5 | 99.78 | 293022 | 2 |
| | | 12.8 | 79.79 | 74390 | |
| | | 79.3 | 104.84 | 560939 | 5 |
| | | 2.6 | 78.91 | 21164 | |
| | | 17.2 | 107.22 | 126679 | 1 |
| | | 1.8 | 85.38 | 12544 | |
| | | .4 | 81.82 | 5743 | |

REPORT: R4PS7610 — S C M A L L I E D P A P E R I N C. — PAGE 1
RUN DATE: 04/02/85 — DAILY PRODUCTION SYSTEM
RUN TIME: 1..1037 — PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | EF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 30.00 | 1100 | BW RANTEXT NEW SHAD | 64.8 | 60.8 | 102.36 | 160903 | 203280 | 2080 | 201200 | 125.04 | |
| 5 | 45.00 | 1207 | A 7 PRIDE | 3.5 | 2.8 | 87.27 | 9128 | 11000 | | 11000 | 120.51 | |
| 5 | 28.00 | 1208 | CUSTOM OFFSET | 10.7 | 10.4 | 106.03 | 25072 | 30960 | 2270 | 28690 | 114.43 | |
| 5 | 33.00 | 1803 | ALLIED PRIDE | 20.1 | 19.2 | 104.21 | 47653 | 45220 | 8720 | 36500 | 76.28 | |
| 5 | 35.00 | 1805 | ALLIED PRIDE | 15.0 | 14.5 | 105.45 | 42325 | 41280 | | 41280 | 97.53 | |
| 5 | 33.00 | 1833 | B W SPECIAL PRIDE | 11.4 | 9.9 | 94.74 | 27858 | 28320 | | 28320 | 101.66 | |
| 5 | 30.00 | 1840 | SPEC-ALLIED PRIDE | 58.2 | 54.9 | 102.91 | 158810 | 176430 | 4170 | 172260 | 108.47 | |
| 5 | 20.00 | 2000 | BRITE LITE THIN | 6.8 | 6.3 | 101.07 | 11088 | 12000 | 2580 | 9420 | 84.96 | |
| 5 | 19.00 | 2019 | BRITE LITE THIN | 95.5 | 85.0 | 97.10 | 136384 | 150280 | 7130 | 143150 | 104.96 | |
| 5 | 28.00 | 2101 | BRITISH OPAQUE | 14.7 | 12.6 | 93.51 | 34714 | 42960 | | 42960 | 123.75 | |
| 6 | 35.00 | 2204 | IMPERIAL BIBLE | 5.2 | 3.9 | 81.82 | 10402 | 11370 | | 11370 | 109.24 | |
| 5 | 35.00 | 2241 | LAWYERS OFFSET | 83.5 | 79.8 | 104.26 | 239585 | 245980 | 1060 | 244920 | 102.23 | |
| 5 | 30.00 | 2405 | SHAKESPEARE THIN | 3.6 | 2.7 | 81.82 | 7187 | 7480 | | 7480 | 104.08 | |
| 5 | 35.00 | 2407 | SHAKESPEARE THIN | 22.5 | 21.5 | 104.24 | 67539 | 58340 | | 58340 | 86.38 | |
| 5 | 26.00 | 2426 | SHAKESPEARE THIN | 50.8 | 46.8 | 100.50 | 102059 | 102260 | | 102260 | 100.20 | |
| 5 | 30.00 | 2503 | SOLITUDE OPAQUE | 37.7 | 34.7 | 100.41 | 88091 | 97790 | | 97790 | 111.01 | |
| 5 | 20.00 | 2545 | A P LIGHT WEIGHT | | | | | | 6660 | 6660- | | |
| 5 | 21.00 | 2541 | A P LIGHTWEIGHT TY | 57.4 | 53.3 | 101.30 | 106332 | 114150 | 4520 | 109630 | 103.10 | |
| 5 | 22.00 | 2542 | A P LIGHT-WEIGHT | 38.8 | 20.8 | 78.79 | 42006 | 47990 | | 47990 | 114.25 | |
| 5 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 10.7 | 9.0 | 91.76 | 27522 | 28380 | 670 | 27710 | 100.68 | |
| 5 | 24.00 | 2548 | NATO "83" U.A. | 26.0 | 22.4 | 93.99 | 56697 | 51990 | | 51990 | 91.70 | |
| 5 | 38.00 | 3036 | WORLD BOOK ENCYCLOP | 87.5 | 81.3 | 100.99 | 281454 | 275420 | 15480 | 259940 | 92.36 | |
| 6 | 35.00 | 3855 | WHITE BOOK LITE | 29.5 | 27.3 | 100.96 | 79685 | 77850 | | 77850 | 97.70 | |
| 5 | 23.00 | 6723 | COMBINER WRAP (ATC) | 72.9 | 64.7 | 96.82 | 117463 | 80830 | | 80530 | 68.56 | |
| 5 | 45.00 | 7104 | K WHITE OFFSET | | | | | | 4970 | 4970- | | |
| 5 | 40.00 | 7209 | RAVENSWOOD OPAQUE | | | | | | 5386 | 5386- | | |
| | 30.15 | | MACH TOTAL 1.09091 | 816.8 | 744.3 | 99.41 | 1880164 | 1941260 | 65696 | 1875564 | 99.76 | 9 |
| 6 | 30.00 | 1100 | BW RANTEXT NEW SHAD | 123.8 | 113.1 | 99.66 | 480085 | 514420 | 5740 | 508680 | 105.96 | |
| 6 | 45.00 | 1207 | A 7 PRIDE | | | | | | 3400 | 3400- | | |
| 6 | 50.00 | 1208 | A.M. PRIDE | 55.9 | 54.3 | 105.97 | 396489 | 361780 | 2130 | 359650 | 90.71 | |
| 6 | 60.00 | 1210 | GENERIC OFFSET | 11.3 | 10.3 | 99.44 | 71574 | 69680 | | 69680 | 97.35 | |
| 6 | 60.00 | 1533 | WHITE SPEC K OFFSET | 18.2 | 17.7 | 106.09 | 118270 | 127320 | | 127320 | 107.65 | |
| 6 | 38.00 | 2503 | SOLITUDE OPAQUE | 156.1 | 140.5 | 98.19 | 631795 | 580725 | 6920 | 573805 | 90.82 | |
| 6 | 50.00 | 2536 | I B M MANUAL | 17.1 | 16.4 | 104.63 | 118013 | 124690 | | 124690 | 105.66 | |
| 6 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 15.6 | 14.4 | 100.70 | 62092 | 60120 | 1480 | 58640 | 94.44 | |
| 6 | 35.00 | 2933 | DICKENS OFFSET | 5.2 | 5.2 | 109.09 | 40040 | 37650 | 4770 | 32880 | 82.12 | |
| 6 | 50.00 | 2951 | BW G OFFSET | 1.4 | 1.2 | 23.51 | 9005 | 15340 | | 15340 | 170.35 | |
| 6 | 60.00 | 2962 | GPO LOT 21 | 2.2 | 2.1 | 99.17 | 14896 | 11260 | | 11260 | 75.59 | |
| 6 | 38.00 | 3830 | WHITE BOOKLITE | 78.0 | 68.6 | 99.78 | 293022 | 294700 | 1320 | 293380 | 100.12 | |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 17.5 | 12.8 | 79.79 | 74390 | 64430 | | 64430 | 86.61 | |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 62.2 | 79.0 | 104.84 | 560939 | 560150 | 2650 | 557500 | 99.39 | |
| 6 | 55.00 | 7103 | K WHITE OFFSET | 4.0 | 2.6 | 70.91 | 21164 | 18740 | | 18740 | 88.56 | |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 17.5 | 17.2 | 107.22 | 126679 | 117520 | 3590 | 113930 | 89.94 | |
| 6 | 70.00 | 7105 | K WHITE OFFSET | 2.3 | 1.8 | 85.38 | 12544 | 15520 | | 15520 | 123.72 | |
| 6 | 80.00 | 7107 | K WHITE OFFSET | 1.2 | .9 | 81.82 | 6743 | 7400 | | 7400 | 109.74 | |

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 50.00 | 7122 | B & K OFFSET - ANTI | 31.4 | 29.3 | 101.80 | 192492 | 188350 | 1340 | 187010 | 97.15 | |
| 60.00 | 7124 | B & K OFFSET ANTIQU | 9.2 | 6.8 | 90.47 | 48411 | 46000 | 730 | 45270 | 93.51 | |
| 40.00 | 7200 | RAVENS#OOD OPAQUE | 1.9 | 1.6 | 91.87 | 9446 | 9380 | | 9380 | 99.30 | |
| 50.00 | 7202 | RAVENS#OOD OPAQUE | 39.2 | 36.0 | 100.19 | 259715 | 248240 | 1200 | 247040 | 95.12 | |
| 29.00 | 9021 | DUPONT PAPER (BLUE) | 98.8 | 17.4 | 102.74 | 367354 | 384340 | | 384340 | 104.62 | |
| 48.00 | 9000 | TRIAL RUNS | | | | | | | | | |
| 41.09 | | MACH TOTAL 1.#9091 | 783.0 | 719.1 | 100.57 | 3915158 | 3857755 | 35270 | 3822485 | 97.63 | 98.19 |
| 37.43 | | MILL C TOTAL | 1596.8 | 1463.4 | 99.98 | 5795322 | 5799015 | 100966 | 5698049 | 98.32 | 98.30 |
| 50.00 | 1200 | A.M. PRIDE | 18.9 | 18.6 | 107.36 | 115010 | 121830 | | 121830 | 105.93 | |
| 60.00 | 1210 | GENERIC OFFSET | 9.4 | 9.3 | 107.93 | 53831 | 63120 | | 63120 | 117.26 | |
| 70.00 | 1211 | GENERIC OFFSET | 1.0 | 1.8 | 103.35 | 8102 | 10400 | | 10400 | 128.36 | |
| 40.00 | 1503 | WHITE SPEC K OFFSET | 9.3 | 8.9 | 104.40 | 37753 | 42130 | | 42130 | 111.59 | |
| 50.00 | 1503 | WHITE SPEC K OFFSET | 6.9 | 6.6 | 105.88 | 41817 | 46080 | 1320 | 44760 | 107.04 | |
| 50.00 | 1700 | J OPACIFIED OFFSET | 14.3 | 11.9 | 90.78 | 74256 | 80670 | | 80670 | 108.64 | |
| 40.00 | 1800 | BW PRIDE OPAQUE | 24.6 | 23.1 | 102.44 | 118951 | 131030 | | 131030 | 110.15 | |
| 28.00 | 2200 | IMPERIAL BIBLE | 30.5 | 28.3 | 90.49 | 79663 | 99720 | | 99720 | 125.18 | |
| 33.00 | 2203 | IMPERIAL BIBLE | 2.7 | 2.3 | 92.93 | 8142 | 8070 | | 8070 | 99.12 | |
| 35.00 | 2204 | IMPERIAL BIBLE | 12.5 | 11.9 | 103.85 | 53920 | 60160 | 675 | 59485 | 111.35 | |
| 24.00 | 2210 | C & IMPERIAL BIBLE | 62.6 | 60.4 | 105.26 | 193854 | 190990 | | 190990 | 98.52 | |
| 22.00 | 2401 | SHAKESPEARE THIN | 98.5 | 91.3 | 101.12 | 237904 | 297990 | | 297990 | 125.26 | |
| 30.00 | 2405 | SHAKESPEARE THIN | 11.8 | 2.6 | 88.75 | 37440 | 25400 | 1110 | 24290 | 64.88 | |
| 33.00 | 2406 | SHAKESPEARE THIN | 2.5 | 2.1 | 91.64 | 9258 | 10400 | | 10400 | 112.34 | |
| 35.00 | 2407 | SHAKESPEARE THIN | 5.5 | 5.3 | 105.12 | 24390 | 22280 | | 22280 | 91.35 | |
| 30.00 | 2503 | SOLITUDE OPAQUE | 29.5 | 27.9 | 103.17 | 114669 | 130880 | | 130880 | 114.14 | |
| 35.00 | 2504 | SOLITUDE OPAQUE | 52.6 | 49.7 | 98.53 | 213544 | 214920 | 7170 | 207750 | 97.29 | |
| 40.00 | 2505 | SOLITUDE OPAQUE | 14.5 | 14.1 | 106.08 | 70064 | 65110 | | 65110 | 92.93 | |
| 33.00 | 2508 | SOLITUDE OPAQUE | 2.2 | 2.1 | 104.13 | 8416 | 10000 | | 10000 | 118.82 | |
| 35.00 | 2514 | INTERNATIONAL HARVE | 1.4 | 9.6 | 100.70 | 41799 | 42510 | | 42510 | 101.70 | |
| 28.00 | 2520 | A M DICTIONARY | 41.4 | 38.1 | 102.61 | 126901 | 121780 | | 121780 | 95.96 | |
| 30.00 | 2543 | A.F. LIGHTWEIGHT | 102.3 | 91.3 | 97.36 | 362832 | 416870 | 1080 | 415790 | 114.60 | |
| 35.00 | 2545 | A.F. LIGHTWEIGHT | 10.1 | 8.6 | 92.89 | 37749 | 43680 | | 43680 | 115.71 | |
| 30.00 | 3830 | WHITE BOOKLITE | 3.2 | 2.5 | 85.23 | 9375 | 9700 | | 9700 | 103.47 | |
| 60.00 | 6100 | WHITE CAP GUN STOCK | 5.3 | 5.3 | 102.92 | 30625 | 33705 | | 33705 | 110.06 | |
| 48.00 | 7100 | K WHITE OFFSET | 12.5 | 11.5 | 91.64 | 55568 | 67480 | | 67480 | 121.44 | |
| 45.00 | 7101 | K WHITE OFFSET | 12.1 | 10.4 | 98.84 | 93142 | 98970 | | 98970 | 106.26 | |
| 50.00 | 7102 | K WHITE OFFSET | 121.8 | 113.1 | 101.30 | 715455 | 796770 | 5550 | 791220 | 110.59 | |
| 60.00 | 7104 | K WHITE OFFSET | 7.2 | 6.5 | 98.48 | 39081 | 48950 | | 48950 | 125.25 | |
| 70.00 | 7105 | K WHITE OFFSET | 38.5 | 36.3 | 102.01 | 237279 | 259620 | | 259620 | 109.42 | |
| 55.00 | 7123 | BW K OFFSET - ANTIQ | 8.0 | 5.8 | 79.09 | 39287 | 42300 | | 42300 | 107.67 | |
| 60.00 | 7124 | B & K OFFSET ANTIQU | 15.5 | 12.3 | 86.87 | 80406 | 91960 | | 91960 | 114.37 | |
| 50.00 | 7202 | RAVENS#OOD OPAQUE | 15.1 | 12.2 | 86.69 | 73700 | 81820 | | 81820 | 110.90 | |
| 41.57 | | MACH TOTAL 1.#9021 | 117.1 | 74.0 | 99.78 | 3444263 | 3787295 | 16200 | 3770390 | 109.47 | 109.71 |
| 45.00 | 1100 | G.P. OFFSET | 4.7 | 4.0 | 99.89 | 40729 | 44850 | | 44850 | 111.14 | |

| BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 33.00 | 12.. | SPECIAL AM PRIDE | 113.4 | 102.8 | 90.89 | 384648 | 408680 | | 408680 | 106.28 | |
| 50.00 | 12.6 | A.M. PRIDE | 10.4 | 9.9 | 102.80 | 55839 | 58370 | | 58370 | 104.53 | |
| 40.00 | 1..3 | WHITE SPEC K OFFSET | 2.7 | 2.3 | 92.93 | 11044 | 10460 | | 10460 | 94.71 | |
| 54.00 | 1533 | WHITE SPEC K OFFSET | 23.3 | 23.5 | 95.98 | 114800 | 115460 | 1740 | 113720 | 99.06 | |
| 50.00 | 15.. | WHITE SPEC K OFFSET | 16.0 | 1.. | 69.55 | 60465 | 61160 | | 61160 | 101.15 | |
| 5..00 | 17.. | J OPACIFIED OFFSET | 7.9 | 7.1 | 107.59 | 43960 | 42350 | | 42350 | 96.56 | |
| 33.00 | 1833 | B K SPECIAL PRIDE | 15.. | 14.5 | 105.45 | 40802 | 51410 | | 51410 | 126.00 | |
| 60.00 | 1904 | TENNYSON OFFSET | 8.6 | 8.5 | 109.09 | 48039 | 51070 | | 51070 | 106.31 | |
| 70.00 | 1935 | TENNYSON OFFSET | 2.2 | 2.0 | 99.17 | 11598 | 12510 | | 12510 | 107.86 | |
| 30.00 | 2543 | A.P. LIGHTWEIGHT | 4.2 | 3.7 | 85.71 | 9504 | 9460 | | 9460 | 99.54 | |
| 45.00 | 2901 | DICKENS OFFSET | 17.0 | 14.6 | 93.69 | 72051 | 84720 | | 84720 | 117.58 | |
| 50.00 | 2902 | DICKENS OFFSET | 109.1 | 103.5 | 103.49 | 582662 | 617695 | | 617695 | 106.01 | |
| 50.00 | 3092 | SUPERIOR OFFSET | 21.6 | 19.7 | 104.32 | 102973 | 108040 | | 108040 | 104.92 | |
| 70.00 | 3105 | SUPERIOR OFFSET | 37.9 | 37.1 | 106.79 | 201982 | 212850 | | 212850 | 105.85 | |
| 40.00 | 6104 | WHITE CAP GUN STOCK | 2.1 | 2.0 | 82.76 | 13225 | 10440 | | 10440 | 78.94 | |
| 42.00 | 7104 | K WHITE OFFSET | 24.3 | 26.1 | 97.18 | 117075 | 122090 | 1720 | 120370 | 102.81 | |
| 45.00 | 7101 | K WHITE OFFSET | 31.4 | 28.1 | 97.63 | 138408 | 154605 | 1270 | 153335 | 110.78 | |
| 50.00 | 7102 | K WHITE OFFSET | 115.6 | 105.4 | 99.47 | 598977 | 598256 | 4860 | 593395 | 99.07 | |
| 60.00 | 7104 | K WHITE OFFSET | 49.6 | 46.5 | 102.27 | 265457 | 284355 | | 284355 | 107.12 | |
| 70.00 | 7105 | K WHITE OFFSET | 9.1 | 9.6 | 103.10 | 47023 | 51200 | | 51200 | 108.88 | |
| 80.00 | 7107 | K WHITE OFFSET | 9.6 | 9.3 | 105.29 | 39675 | 39815 | | 39815 | 100.35 | |
| 50.00 | 7109 | B FLOSET | 53.1 | 36.8 | 98.21 | 208345 | 199225 | | 199225 | 98.46 | |
| 40.00 | 7120 | B K OFFSET - ANTI | 2.. | 2.. | 109.09 | 8693 | 9150 | | 9150 | 105.63 | |
| 60.00 | 7122 | B K K OFFSET - ANTI | 26.4 | 23.7 | 97.93 | 132571 | 149970 | 1280 | 148690 | 112.16 | |
| 55.00 | 7123 | BK K OFFSET - ANTIQ | 2.7 | 1.3 | 60.61 | 7638 | 8850 | | 8850 | 115.87 | |
| 60.00 | 7124 | B K K OFFSET ANTIQU | 16.0 | 14.5 | 98.86 | 88096 | 91900 | | 91800 | 104.20 | |
| 70.00 | 7125 | BK K OFFSET - ANTIQ | 8.0 | 7.. | 93.13 | 41542 | 44500 | | 44500 | 107.12 | |
| 44.00 | 7200 | RAVENSWOOD OPAQUE | | | | | | 1780 | 1780- | | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 36.6 | 3..7 | 101.04 | 191646 | 207490 | | 207490 | 108.27 | |
| 60.00 | 7204 | RAVENSWOOD OPAQUE | 7.3 | 6.5 | 86.75 | 36966 | 37485 | | 37485 | 101.68 | |
| 70.00 | 7205 | RAVENSWOOD OPAQUE | 6.1 | .. | 90.91 | 30621 | 32110 | | 32110 | 104.86 | |
| 50.00 | 9000 | TRIAL RUNS | | | | | | | | | |
| 43.25 | | MACH TOTAL 1..9001 | 791.7 | 721.9 | 97.46 | 3739845 | 3930455 | 12650 | 3917805 | 104.76 | 104.19 |
| 38.00 | 2..3 | LAUREL TEXT - 83 | 16.3 | 14.4 | 96.37 | 58443 | 65950 | | 65950 | 112.84 | |
| 48.00 | 2..5 | LAUREL TEXT R... | 3.. | 2.3 | 83.64 | 12234 | 13660 | | 13660 | 111.66 | |
| 64.00 | 2713 | TYPE IV BASE STOCK | 12.5 | 11.5 | 99.57 | 50449 | 65290 | | 65290 | 129.42 | |
| 55.00 | 2740 | TYPE ..A- F.S. | 1..7 | 9.6 | 97.88 | 42432 | 37870 | | 37870 | 89.25 | |
| 60.00 | 2715 | TYPE IV E DI BLADE | 119.3 | 103.3 | 95.26 | 535563 | 572560 | 31677 | 540883 | 100.99 | |
| 68.50 | 2918 | A P #ALLPAPER BASE | 5.3 | 4.8 | 98.80 | 23733 | 27020 | | 27020 | 113.85 | |
| 30.00 | 1203 | A.M. PRIDE | 5.9 | 4.3 | 79.51 | 12345 | 10630 | | 10630 | 86.11 | |
| 50.00 | 1208 | A.M. PRIDE | 77.9 | 65.6 | 91.87 | 350134 | 371500 | | 371500 | 106.10 | |
| 60.00 | 1215 | GENERIC OFFSET | 31.5 | 29.3 | 100.81 | 162955 | 176360 | | 176360 | 108.23 | |
| 50.00 | 1537 | WHITE SPEC K OFFSET | 9.7 | 9.1 | 104.97 | 29381 | 31130 | | 31130 | 105.95 | |
| 00.00 | 1904 | WHITE SPEC K OFFSET | 8.6 | 7.4 | 93.87 | 40609 | 45570 | | 45570 | 112.22 | |
| 50.00 | 1705 | J OPACIFIED OFFSET | 42.8 | 41.2 | 105.01 | 240831 | 266680 | | 266680 | 110.30 | |
| 35.00 | 1..0 | PRIDE OPAQU | 17.7 | 14.3 | 91.76 | 44061 | 43830 | | 43830 | 95.28 | |

REPORT: R4P57610 — S C M A L L I E D P A P E R I N C. — PAGE 4
RUN DATE: 04/02/85 — DAILY PRODUCTION SYSTEM
RUN TIME: 1:1937 — PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1985

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 35.00 | 1805 | ALLIED PRIDE | 16.0 | 14.5 | 95.45 | 54089 | 59460 | | 59460 | 109.93 | |
| 40.00 | 1810 | BW PRIDE OPAQUE | 6.6 | 6.0 | 99.17 | 27797 | 28160 | | 28160 | 101.31 | |
| 50.00 | 1820 | BW PRIDE OPAQUE | 8.2 | 7.8 | 103.77 | 41605 | 41600 | | 41600 | 99.99 | |
| 30.00 | 1845 | SPEC ALLIED PRIDE | 6.6 | 4.3 | 71.07 | 15019 | 10260 | | 10260 | 68.31 | |
| 35.00 | 3504 | SOLITUDE OPAQUE | 4.3 | 3.6 | 91.33 | 14783 | 17080 | | 17080 | 115.54 | |
| 55.00 | 3507 | SOLITUDE OPAQUE | 3.6 | 3.3 | 90.91 | 16416 | 20740 | 2080 | 18660 | 113.67 | |
| 35.00 | 2014 | INTERNATIONAL HARVE | 2.4 | 2.2 | 90.91 | 6796 | 6160 | | 6160 | 90.64 | |
| 50.00 | 2836 | I B M MANUAL | 57.6 | 51.7 | 97.92 | 275764 | 299730 | | 299730 | 108.69 | |
| 50.00 | 2902 | DICKENS OFFSET | 43.5 | 41.8 | 104.83 | 218827 | 238760 | | 238760 | 109.11 | |
| 40.00 | 3505 | SCHOOL COTE | 13.4 | 12.5 | 101.76 | 43238 | 44400 | | 44400 | 102.69 | |
| 40.00 | 7105 | K WHITE OFFSET | 5.6 | 4.5 | 87.66 | 20158 | 20020 | | 20020 | 99.32 | |
| 45.00 | 7101 | K WHITE OFFSET | 23.1 | 22.6 | 106.73 | 107230 | 116500 | | 116500 | 108.64 | |
| 50.00 | 7102 | K WHITE OFFSET | 133.4 | 123.9 | 97.66 | 666785 | 681740 | 5140 | 676600 | 101.47 | |
| 60.00 | 7104 | K WHITE OFFSET | 43.6 | 40.7 | 100.08 | 233635 | 256460 | | 256460 | 109.77 | |
| 70.00 | 7106 | K WHITE OFFSET | 4.6 | 4.4 | 92.73 | 22113 | 24720 | | 24720 | 111.79 | |
| 44.00 | 7140 | B M K OFFSET - ANTI | 11.1 | 10.3 | 101.23 | 44341 | 47350 | | 47350 | 106.79 | |
| 50.00 | 7122 | B M K OFFSET - ANTI | 3.6 | 3.6 | 109.09 | 19568 | 20390 | | 20390 | 104.25 | |
| 55.00 | 7123 | BM K OFFSET - ANTIQ | 3.4 | 3.3 | 105.88 | 18969 | 21240 | | 21240 | 111.97 | |
| 40.00 | 7200 | RAVENSWOOD OPAQUE | 9.0 | 8.5 | 104.24 | 37728 | 42590 | | 42590 | 112.89 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 8.3 | 7.2 | 101.20 | 38105 | 37670 | | 37670 | 98.86 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 2.0 | 1.2 | 45.14 | 6400 | 8280 | | 8280 | 129.38 | |
| 68.00 | 9199 | SATURATED GRAVURE B | 7.5 | 6.1 | 91.64 | 29240 | 32980 | 811 | 32169 | 110.02 | |
| 68.50 | 9032 | SATURATED VELLUM PA | 26.0 | 23.4 | 94.99 | 109116 | 123760 | | 123760 | 113.42 | |
| 68.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| 51.42 | | MACH SUBTOTAL | 741.9 | 662.9 | 97.47 | 3417862 | 3640180 | 38897 | 3601283 | 105.37 | 102.71 |
| 65.69 | | *MACH SUBTOTAL | 63.6 | 55.6 | 96.26 | 254970 | 286920 | 811 | 286109 | 112.21 | 108.04 |
| 52.00 | | MACH TOTAL | 1,292.1 | 804.9 | 718.1 | 97.38 | 3672832 | 3927100 | 39708 | 3887392 | 105.84 | 103.17 |
| 48.77 | | MILL D SUBTOTAL | 2359.6 | 2136.5 | 99.88 | 10601970 | 11357930 | 68452 | 11289478 | 106.48 | 105.29 |
| 65.69 | | *MILL D SUBTOTAL | 63.6 | 55.6 | 96.26 | 254970 | 286920 | 811 | 286109 | 112.21 | 108.04 |
| 49.18 | | MILL D TOTAL | 2413.2 | 2186.1 | 99.81 | 10856940 | 11644850 | 69263 | 11575587 | 106.62 | 105.35 |
| 44.34 | | BUNK MILL SUBTOT | 3947.4 | 3693.9 | 99.32 | 16397292 | 17156948 | 169418 | 16987527 | 103.60 | 102.90 |
| 65.69 | | *BUNK MILL SUBTOT | 63.6 | 55.6 | 96.26 | 254970 | 286920 | 811 | 286109 | 112.21 | 108.04 |
| 45.28 | | BUNK MILL TOTAL | 4011.0 | 3749.5 | 99.27 | 16652262 | 17443865 | 170229 | 17273636 | 103.73 | 102.98 |
| 50.00 | 803 | LAUREL TEXT | 15.6 | 12.1 | 89.22 | 103923 | 68736 | 300 | 68436 | 65.85 | |
| 60.00 | 803 | LAUREL TEXT | 7.5 | 5.2 | 79.24 | 53191 | 50568 | 1200 | 49368 | 92.81 | |
| 90.00 | 8714 | MASTERBASE TYPE V L | 24.0 | 18.7 | 89.05 | 55619 | 54090 | | 54090 | 97.25 | |
| 78.33 | 8744 | TYPE 934-B | 16.8 | 13.9 | 99.29 | 34154 | 34032 | | 34032 | 99.64 | |
| 87.51 | 870 | MASTERBASE TYPE IV | 126.5 | 107.7 | 99.03 | 468097 | 352516 | 7487 | 345029 | 73.71 | |
| 90.00 | 960 | TRIAL RUNS | | | | | | | | | |
| 79.39 | | BLADE SUBTOTAL | 144.6 | 127. | 97.02 | 625201 | 471820 | 8987 | 462833 | 74.03 | 71.82 |

REPORT: R4PS761[illegible] S C M A L L I E D P A P E R I N C. PAGE 5
UN DATE: 4/02/85 DAILY PRODUCTION SYSTEM
UN TIME: 1[illegible]37 PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| BASIS WGHT | GRADE CODE | GRADE NAME | UN TIME AVAIL | UN TIME ACT | UN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible].37 | | BLADE SUBTOTAL | 4[illegible]. | 32.6 | 93.14 | 89773 | 88122 | | 88122 | 98.16 | 91.43 |
| 8[illegible].0[illegible] | | BLADE COATER1.14286 | 189.6 | 159.6 | 96.20 | 714974 | 559942 | 8987 | 550955 | 77.06 | 74.13 |
| 45.[illegible] | | GRAND SUBTOTAL | 4[illegible]97.[illegible]72[illegible].9 | | 99.24 | 17022493 | 17628765 | 178405 | 17450360 | 102.51 | 101.73 |
| 7[illegible].3 | | GRAND SUBTOTAL | [illegible]3. | [illegible] | 95.[illegible]6 | 344743 | 375042 | 811 | 374231 | 108.55 | 103.19 |
| 46.[illegible] | | GRAND TOTAL | 42[illegible].03[illegible]39.1 | | 99.14 | 17367236 | 18003807 | 179216 | 17824591 | 102.63 | 101.75 |

```
JJJJJJJJJJ        444     PPPPPPPPPPPP    SSSSSSSSSS     00000000     3333333333    AAAAAA
JJJJJJJJJJ       4444     PPPPPPPPPPPP  SSSSSSSSSSSS   0000000000   333333333333  AAAAAAAA
JJ            44 44     PP        PP  SS        SS  00      0000  33        33  AA
JJ          44  44     PP        PP  SS            00      00 00            33  AA
JJ        44    44     PP        PP  SSS           00      00  00           33  AA        A
JJ      44444444444  PPPPPPPPPPPP    SSSSSSSSS    00    00    00        3333   AAAAAAAAAAAA
JJ    444444444444  PPPPPPPPPPPP      SSSSSSSSS   00  00    00        3333   AAAAAAAAAAAA
JJ          44     PP                      SSS  00 00     00            33  AA        AA
JJ    JJ    44     PP                      SS  0000      00            33  AA        AA
JJ    JJ    44     PP            SS        SS  000       00  33        33  AA        AA
JJJJJJJJ    44     PP            SSSSSSSSSSSS   0000000000   333333333333  AA        AA
JJJJJJ      44     PP            SSSSSSSSSS     00000000     3333333333    AA        AA

JJJJJJJJJJ   2222222222    3333333333    8888888888    6666666666                FFFFFF
JJJJJJJJJJ  222222222222  333333333333  888888888888  666666666666                FFFFFF
JJ          22        22  33        33  88        88  66        66                FF
JJ                    22          33  88        88  66                            FF
JJ                    22          33  88        88  66                            FF
JJ                    22        3333    88888888    66666666666                   FFFFFF
JJ                  22        3333    88888888    666666666666                    FFFFFF
JJ                22            33  88        88  66        66                    FF
JJ    JJ        22            33  88        88  66        66                    FF
JJ    JJ      22        33    33  88        88  66        66                    FF
JJJJJJJJ    222222222222  333333333333  888888888888  666666666666                FF
JJJJJJ      222222222222   3333333333    8888888888    6666666666                FF

START JOB 2386 J4PS03A4 0003 0001 KAL      KAL                ROOM       11.02.56 AM 02 APR 85  R101.PR
START JOB 2386 J4PS03A4 0003 0001 KAL      KAL                ROOM       11.02.56 AM 02 APR 85  R101.PR
START JOB 2386 J4PS03A4 0003 0001 KAL      KAL                ROOM       11.02.56 AM 02 APR 85  R101.PR
*****************************************************************************************************
NEWS ******* ***                NN      NN  EEEEEEEEEEE  WW        WW   SSSSSSSSS
NEWS ******* ***              NNN     NN  EEEEEEEEEEE  WW        WW   SSSSSSSSS
NEWS ******* ***             NNNN    NN  EE           WW        WW   SS      SS
NEWS ******* ***            NN NN   NN  EE           WW        WW   SS
NEWS ******* ***           NN  NN  NN  EEEEEEE      WW   WW   WW   SSSSSSSS
NEWS ******* ***          NN   NN NN  EEEEEE       WW  WWWW  WW   SSSSSSSS
NEWS ******* ***         NN    NNNN  EE           WW WW  WW WW          SS
NEWS ******* ***        NN     NNN  EE           WWWW    WWWW   SS      SS
NEWS ******* ***       NN      NN  EEEEEEEEEEE   WWW      WWW   SSSSSSSSS
NEWS ******* ***      NN       N   EEEEEEEEEEE  WW        WW   SSSSSSSSS
NEWS ******* ***
NEWS ******* ***      EFFECTIVE MARCH 17, 1985, THE SCM JCL STANDARDS ENFORCEMENT EXITS WERE PLACED
NEWS ******* ***      INTO PRODUCTION.   THESE EXITS CONTROL SUCH THINGS AS JOB NAME AND ACCOUNT
NEWS ******* ***      CODE CONVENTIONS AS WELL AS MAXIMUM AMOUNT OF CPU TIME PER JOB CLASS.
NEWS ******* ***      THE EXITS ARE ONLY GENERATING WARNING MESSAGES AT THE PRESENT TIME.
NEWS ******* ***      FOR A MORE DETAILED DISCUSSION OF THESE EXITS, THE USER MAY BROWSE A
NEWS ******* ***      DATA SET NAMED:  "RTP.S908.D9089000.ENFORCER"
NEWS ******* ***      CMS USERS MAY TYPE OR BROWSE FILE:    "MVSJCL STANDARD * "
NEWS ******* ***
NEWS ******* ***      THE HOLIDAY SCHEDULE FOR THE DURHAM COMPUTER IS AS FOLLOWS:
NEWS ******* ***      SHUTDOWN FROM 24:00 ON 04/05/85 TILL 08:00 ON 04/06/85
*****************************************************************************************************
```



053934

ROGRAM: N4P37210 S C M A L L I E D P A P E R I N C. PAGE 1
UN DATE: 04/02/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| H GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| 1100 | BW RAMTEXT NEW SHADE EB | 640 | 640 | 1 | 26580 | 100.00 |
| | | 640 | 740 | 9 | 151010 | 115.62 |
| | | 640 | 748 | 1 | 25690 | 116.40 |
| | | | 728 | 11 | 203280 | 113.68 |
| 1207 | A 7 PRIDE | 520 | 685 | 1 | 11000 | 131.73 |
| | | | 685 | 1 | 11000 | 131.73 |
| 1226 | CUSTOM OFFSET | 660 | 740 | 1 | 23360 | 112.12 |
| | | 660 | 745 | 1 | 7600 | 112.87 |
| | | | 741 | 2 | 30960 | 112.30 |
| 1803 | ALLIED PRIDE | 600 | 630 | 2 | 25900 | 105.00 |
| | | 600 | 640 | 2 | 19320 | 106.66 |
| | | | 634 | 4 | 45220 | 105.71 |
| 1805 | ALLIED PRIDE | 590 | 610 | 3 | 41280 | 103.38 |
| | | | 610 | 3 | 41280 | 103.38 |
| 1833 | B W SPECIAL PRIDE | 600 | 640 | 2 | 28320 | 106.66 |
| | | | 640 | 2 | 28320 | 106.66 |
| 1840 | SPEC ALLIED PRIDE | 640 | 670 | 2 | 46620 | 104.68 |
| | | 640 | 700 | 7 | 129810 | 109.37 |
| | | | 692 | 9 | 176430 | 108.13 |
| 2000 | BRITE LITE THIN | 710 | 710 | 1 | 1000 | 100.00 |
| | | 710 | 720 | 1 | 11000 | 101.40 |
| | | | 719 | 2 | 12000 | 101.28 |
| 2019 | BRITE LITE THIN | 600 | 710 | 7 | 89430 | 118.33 |
| | | 600 | 720 | 5 | 60850 | 120.00 |
| | | | 714 | 12 | 150280 | 119.01 |
| 2101 | BRITISH OPAQUE | 660 | | 1 | | |
| | | 660 | 740 | 2 | 42960 | 112.12 |
| | | | 740 | 3 | 42960 | 112.12 |
| 2204 | IMPERIAL BIBLE | 590 | 590 | 2 | 11370 | 100.00 |
| | | | 590 | 2 | 11370 | 100.00 |
| 2241 | LAWYERS OFFSET | 590 | 610 | 11 | 212450 | 103.38 |
| | | 590 | 630 | 2 | 33530 | 106.77 |
| | | | 613 | 13 | 246980 | 103.84 |
| 2405 | SHAKESPEARE THIN | 640 | 680 | 2 | 7480 | 106.25 |
| | | | 680 | 2 | 7480 | 106.25 |
| 2407 | SHAKESPEARE THIN | 590 | 580 | 3 | 54340 | 98.30 |

50 053935

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 590 | 630 | 1 | 4000 | 106.77 |
| | | | | 583 | 4 | 68340 | 98.88 |
| | 2426 | SHAKESPEARE THIN | 670 | | 1 | | |
| | | | 670 | 680 | 1 | 12990 | 101.49 |
| | | | 670 | 690 | 1 | 19350 | 102.98 |
| | | | 670 | 700 | 5 | 69920 | 104.47 |
| | | | | 696 | 8 | 102260 | 103.81 |
| | 2503 | SOLITUDE OPAQUE | 640 | 650 | 2 | 14590 | 101.56 |
| | | | 640 | 700 | 2 | 31480 | 109.37 |
| | | | 640 | 740 | 2 | 22140 | 115.62 |
| | | | 640 | 745 | 2 | 29580 | 116.40 |
| | | | | 715 | 8 | 97790 | 111.75 |
| | 2541 | A P LIGHTWLIGHT TY OPA | 710 | 725 | 4 | 50470 | 102.11 |
| | | | 710 | 740 | 2 | 30490 | 104.22 |
| | | | 710 | 745 | 2 | 24190 | 104.92 |
| | | | | 733 | 8 | 114150 | 103.27 |
| | 2542 | A P LIGHT WEIGHT | 710 | 725 | 4 | 47990 | 102.11 |
| | | | | 725 | 4 | 47990 | 102.11 |
| | 2545 | A.P. LIGHT#LIGHT | 590 | 650 | 2 | 28380 | 110.16 |
| | | | | 650 | 2 | 28380 | 110.16 |
| | 2548 | NATO "B3" B.W. | 700 | 740 | 3 | 36120 | 105.71 |
| | | | 700 | 748 | 1 | 15870 | 106.42 |
| | | | | 742 | 4 | 51990 | 105.93 |
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 570 | 530 | 1 | 10370 | 92.98 |
| | | | 570 | 570 | 2 | 47500 | 100.00 |
| | | | 572 | 580 | 9 | 217600 | 101.75 |
| | | | | 576 | 12 | 275420 | 101.12 |
| | 3835 | WHITE BOOK LITE | 590 | 590 | 2 | 29700 | 100.00 |
| | | | 590 | 620 | 3 | 48150 | 105.08 |
| | | | | 609 | 5 | 77850 | 103.14 |
| | 6723 | COMBINER WRAP (ATC) | 600 | 550 | 1 | 14310 | 91.66 |
| | | | 600 | 595 | 2 | 26180 | 99.16 |
| | | | 600 | 600 | 6 | 36700 | 100.00 |
| | | | 600 | 620 | 1 | 3340 | 103.33 |
| | | | | 590 | 10 | 80530 | 98.38 |
| | | | | 643 | 131 | 1941260 | 106.64 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| 1100 | JW KANTEAT NEW SHADE-EU | 770 | | 1 | | |
| | | 770 | 780 | 3 | 82250 | 101.29 |
| | | 770 | 790 | 5 | 121220 | 102.59 |
| | | 770 | 800 | 1 | 33700 | 103.89 |
| | | 770 | 830 | 10 | 277250 | 107.79 |
| | | | 811 | 22 | 514420 | 105.27 |
| 1205 | A.W. BRIDE | 730 | | 1 | | |
| | | 730 | 740 | 1 | 29240 | 101.36 |
| | | 730 | 750 | 1 | 32410 | 102.73 |
| | | 730 | 760 | 2 | 50820 | 104.10 |
| | | 730 | 770 | 8 | 249310 | 105.47 |
| | | | 764 | 13 | 361780 | 104.70 |
| 121 | GENETIC OFFSET | 630 | 680 | 3 | 69680 | 107.93 |
| | | | 680 | 3 | 69680 | 107.93 |
| 1533 | WHITE SPEC K OFFSET | 730 | 770 | 3 | 127320 | 105.47 |
| | | | 770 | 3 | 127320 | 105.47 |
| 2503 | SOLITUDE OPAQUE | 770 | 750 | 1 | | 97.40 |
| | | 770 | 770 | 7 | 168865 | 100.00 |
| | | 770 | 780 | 1 | 35990 | 101.29 |
| | | 770 | 790 | 13 | 375870 | 102.59 |
| | | | 784 | 22 | 580725 | 101.76 |
| 2536 | I B M MANUAL | 730 | 770 | 4 | 124690 | 105.47 |
| | | | 770 | 4 | 124690 | 105.47 |
| 2542 | A.P. LIGHTW' ICHT | 770 | 830 | 3 | 60120 | 107.79 |
| | | | 830 | 3 | 60120 | 107.79 |
| 2903 | DICKENS OFFSET | 710 | 660 | 1 | 37650 | 92.95 |
| | | | 660 | 1 | 37650 | 92.95 |
| 2961 | BW G OFFSET | 730 | 780 | 1 | 15340 | 106.84 |
| | | | 780 | 1 | 15340 | 106.84 |
| 2962 | JPO LOT 21 | 630 | 680 | 2 | 11260 | 107.93 |
| | | | 680 | 2 | 11260 | 107.93 |
| 3030 | WHITE BOUKLITE | 770 | 720 | 1 | 30890 | 93.50 |
| | | 770 | 820 | 9 | 263810 | 106.49 |
| | | | 810 | 10 | 294700 | 105.13 |
| 7100 | K WHITE OFFSET | 750 | 750 | 2 | 40560 | 100.00 |
| | | 750 | 770 | 2 | 23870 | 102.66 |
| | | | 757 | 4 | 64430 | 100.99 |

SD 855937

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7102 | K WHITE OFFSET | 730 | 700 | 2 | 13600 | 95.89 |
| | | | 730 | 750 | 3 | 36720 | 102.73 |
| | | | 730 | 760 | 7 | 177560 | 104.10 |
| | | | 730 | 770 | 12 | 290470 | 105.47 |
| | | | 730 | 780 | 2 | 41800 | 106.84 |
| | | | | 765 | 26 | 560150 | 104.73 |
| | 7103 | K WHITE OFFSET | 710 | 740 | 1 | 18740 | 104.22 |
| | | | | 740 | 1 | 18740 | 104.22 |
| | 7104 | K WHITE OFFSET | 630 | 660 | 2 | 43610 | 104.76 |
| | | | 630 | 680 | 5 | 73910 | 107.93 |
| | | | | 673 | 7 | 117520 | 106.75 |
| | 7105 | K WHITE OFFSET | 540 | 600 | 1 | 15520 | 111.11 |
| | | | | 600 | 1 | 15520 | 111.11 |
| | 7107 | K WHITE OFFSET | 470 | 550 | 1 | 7400 | 117.02 |
| | | | | 550 | 1 | 7400 | 117.02 |
| | 7122 | B W K OFFSET = ANTIQUE | 730 | 740 | 2 | 43550 | 101.36 |
| | | | 730 | 770 | 1 | 10440 | 105.47 |
| | | | 730 | 780 | 1 | 30360 | 106.84 |
| | | | 730 | 820 | 3 | 104000 | 112.32 |
| | | | | 792 | 7 | 188350 | 108.52 |
| | 7124 | B W K OFFSET ANTIQUE | 630 | 660 | 2 | 9600 | 104.76 |
| | | | 630 | 680 | 3 | 36400 | 107.93 |
| | | | | 676 | 5 | 46000 | 107.27 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | 750 | 1 | 9380 | 100.00 |
| | | | | 750 | 1 | 9380 | 100.00 |
| | 7202 | RAVENSWOOD OPAQUE | 730 | 770 | 10 | 202240 | 105.47 |
| | | | 730 | 780 | 2 | 46000 | 106.84 |
| | | | | 772 | 12 | 248240 | 105.72 |
| | 9001 | DUPONT PAPER (BLUE) | 700 | 730 | 3 | 35260 | 104.28 |
| | | | 700 | 770 | 10 | 315470 | 110.00 |
| | | | 700 | 800 | 1 | 33610 | 114.28 |
| | | | | 769 | 14 | 384340 | 109.85 |
| | 9600 | TRIAL RUNS | | 700 | 12 | | |
| | | | | 770 | 4 | | |
| | | | | | 16 | | |
| | | | | 773 | 177 | 3857755 | 105.27 |

353938

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| 1208 | A.M. PRIDE | 680 | 720 | 7 | 121830 | 105.88 |
| | | | 720 | 7 | 121830 | 105.88 |
| 1210 | GENERIC OFFSET | 580 | 660 | 3 | 63120 | 113.79 |
| | | | 660 | 3 | 63120 | 113.79 |
| 1211 | GENERIC OFFSET | 490 | 600 | 1 | 10400 | 122.44 |
| | | | 600 | 1 | 10400 | 122.44 |
| 1503 | WHITE SPEC K OFFSET | 740 | 780 | 2 | 42130 | 105.40 |
| | | | 780 | 2 | 42130 | 105.40 |
| 1533 | WHITE SPEC K OFFSET | 680 | 700 | 1 | 46080 | 102.94 |
| | | | 700 | 1 | 46080 | 102.94 |
| 1702 | J UNSPECIFIED OFFSET | 680 | | 1 | | |
| | | 680 | 720 | 2 | 80670 | 105.88 |
| | | | 720 | 3 | 80670 | 105.88 |
| 1810 | BW PRIDE OPAQUE | 740 | 730 | 1 | 30980 | 98.64 |
| | | 740 | 750 | 1 | 4800 | 101.35 |
| | | 740 | 760 | 4 | 95260 | 102.70 |
| | | | 763 | 6 | 131030 | 101.69 |
| 2201 | IMPERIAL BIBLE | 740 | 850 | 4 | 99720 | 114.86 |
| | | | 850 | 4 | 99720 | 114.86 |
| 2203 | IMPERIAL BIBLE | 750 | 800 | 1 | 8070 | 106.66 |
| | | | 800 | 1 | 8070 | 106.66 |
| 2204 | IMPERIAL BIBLE | 750 | 810 | 3 | 60160 | 108.00 |
| | | | 810 | 3 | 60160 | 108.00 |
| 2210 | C W IMPERIAL BIBLE | 740 | 780 | 10 | 190990 | 105.40 |
| | | | 780 | 10 | 190990 | 105.40 |
| 2401 | SHAKESPEARE THIN | 720 | 820 | 13 | 271700 | 113.88 |
| | | 720 | 830 | 1 | 26290 | 115.27 |
| | | | 821 | 14 | 297990 | 114.00 |
| 2405 | SHAKESPEARE THIN | 750 | | 1 | | |
| | | 750 | 800 | 3 | 17080 | 106.66 |
| | | 750 | 850 | 1 | 8320 | 113.33 |
| | | | 816 | 5 | 25400 | 108.84 |
| 2406 | SHAKESPEARE THIN | 750 | 830 | 1 | 10400 | 110.66 |
| | | | 830 | 1 | 10400 | 110.66 |
| 2407 | SHAKESPEARE THIN | 750 | 820 | 3 | 22280 | 109.33 |

85939

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 820 | 3 | 22280 | 109.33 |
| | 2503 | SOLITUDE OPAQUE | 750 | 830 | 5 | 130880 | 110.66 |
| | | | | 830 | 5 | 130880 | 110.66 |
| | 2504 | SOLITUDE OPAQUE | 750 | | 1 | | |
| | | | 750 | 780 | 4 | 104220 | 104.00 |
| | | | 750 | 790 | 3 | 82490 | 105.33 |
| | | | 750 | 820 | 1 | 28210 | 109.33 |
| | | | | 789 | 9 | 214920 | 105.21 |
| | 2508 | SOLITUDE OPAQUE | 740 | 720 | 2 | 49220 | 97.29 |
| | | | 740 | 740 | 1 | 15890 | 100.00 |
| | | | | 725 | 3 | 65110 | 97.95 |
| | 2508 | SOLITUDE OPAQUE | 750 | 790 | 2 | 10000 | 105.33 |
| | | | | 790 | 2 | 10000 | 105.33 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 750 | 780 | 2 | 42510 | 104.00 |
| | | | | 780 | 2 | 42510 | 104.00 |
| | 2528 | A M DICTIONARY | 740 | 780 | 4 | 66760 | 105.40 |
| | | | 740 | 800 | 2 | 55020 | 108.10 |
| | | | | 789 | 6 | 121780 | 106.62 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 720 | 1 | 27370 | 96.00 |
| | | | 750 | 780 | 1 | 4790 | 104.00 |
| | | | 750 | 800 | 1 | | 106.66 |
| | | | 750 | 820 | 9 | 300120 | 109.33 |
| | | | 750 | 830 | 3 | 52240 | 110.66 |
| | | | 750 | 850 | 2 | 32350 | 113.33 |
| | | | | 817 | 17 | 414870 | 108.87 |
| | 2545 | A.P. LIGHTWEIGHT | 750 | 840 | 2 | 39360 | 112.00 |
| | | | 750 | 850 | 1 | 4320 | 113.33 |
| | | | | 841 | 3 | 43680 | 112.13 |
| | 3830 | WHITE BOOKLITE | 750 | 830 | 1 | 9700 | 110.66 |
| | | | | 830 | 1 | 9700 | 110.66 |
| | 6100 | WHITE CAP GUN STOCK | 580 | 630 | 1 | 33705 | 108.62 |
| | | | | 630 | 1 | 33705 | 108.62 |
| | 7100 | K WHITE OFFSET | 740 | 800 | 1 | 15660 | 108.10 |
| | | | 740 | 820 | 2 | 51820 | 110.81 |
| | | | | 815 | 3 | 67480 | 110.18 |
| | 7101 | K WHITE OFFSET | 710 | 740 | 4 | 48520 | 104.22 |
| | | | 710 | 770 | 2 | 40760 | 108.45 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| M | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 710 | 780 | 1 | 9690 | 109.85 |
| | | | | 766 | 7 | 98970 | 106.51 |
| | 7102 | K WHITE OFFSET | 680 | 700 | 2 | 63420 | 102.94 |
| | | | 680 | 710 | 1 | 22460 | 104.41 |
| | | | 680 | 715 | 1 | 1400 | 105.14 |
| | | | 680 | 720 | 3 | 100680 | 105.88 |
| | | | 680 | 730 | 11 | 376290 | 107.35 |
| | | | 680 | 740 | 2 | 40200 | 108.82 |
| | | | 680 | 750 | 3 | 25070 | 110.29 |
| | | | 680 | 760 | 3 | 51570 | 111.76 |
| | | | 680 | 780 | 4 | 115680 | 114.70 |
| | | | | 736 | 30 | 796770 | 108.25 |
| | 7104 | K WHITE OFFSET | 580 | 630 | 3 | 48950 | 108.62 |
| | | | | 630 | 3 | 48950 | 108.62 |
| | 7105 | K WHITE OFFSET | 490 | 560 | 1 | 45930 | 114.28 |
| | | | 490 | 600 | 4 | 213690 | 122.44 |
| | | | | 593 | 5 | 259670 | 121.00 |
| | 7123 | DW K OFFSET - ANTIQUE | 640 | 680 | 1 | 16460 | 106.25 |
| | | | 640 | 710 | 2 | 25840 | 110.93 |
| | | | | 698 | 3 | 42300 | 109.11 |
| | 7124 | B W K OFFSET ANTIQUE | 580 | 580 | 1 | 49580 | 100.00 |
| | | | 580 | 600 | 1 | 21020 | 103.44 |
| | | | 580 | 630 | 2 | 8840 | 108.62 |
| | | | 580 | 720 | 1 | 12520 | 124.13 |
| | | | | 698 | 5 | 91960 | 104.90 |
| | 7202 | PAVLNG*COD OPAQUE | 680 | 730 | 3 | 68120 | 107.35 |
| | | | 680 | 750 | 1 | 8600 | 110.29 |
| | | | 680 | 760 | 1 | 5100 | 111.76 |
| | | | | 734 | 5 | 81820 | 107.93 |
| | | | | 754 | 174 | 3787295 | 108.96 |

SD 853941

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1000 | O.P. OFFSET | 750 | 780 | 2 | 44850 | 104.00 |
| | | | | 780 | 2 | 44850 | 104.00 |
| | 1202 | SPECIAL AM PRIDE | 750 | 780 | 15 | 408680 | 104.00 |
| | | | | 780 | 15 | 408680 | 104.00 |
| | 1208 | A.M. PRIDE | 750 | 750 | 1 | 10540 | 100.00 |
| | | | 750 | 760 | 3 | 47830 | 101.33 |
| | | | | 758 | 4 | 58370 | 101.09 |
| | 1503 | WHITE SPEC K OFFSET | 760 | 780 | 2 | 10460 | 102.63 |
| | | | | 780 | 2 | 10460 | 102.63 |
| | 1533 | WHITE SPEC K OFFSET | 750 | 750 | 2 | 17250 | 100.00 |
| | | | 750 | 760 | 1 | 14280 | 101.33 |
| | | | 750 | 770 | 3 | 62110 | 102.66 |
| | | | 750 | 780 | 2 | 21820 | 104.00 |
| | | | | 768 | 8 | 115460 | 102.35 |
| | 1559 | WHITE SPEC K OFFSET | 630 | 650 | 2 | 5420 | 103.17 |
| | | | 630 | 660 | 5 | 55740 | 104.76 |
| | | | | 659 | 7 | 61160 | 104.62 |
| | 1702 | J UNSPECIFIED OFFSET | 750 | 750 | 1 | 15610 | 100.00 |
| | | | 750 | 760 | 1 | 26740 | 101.33 |
| | | | | 756 | 2 | 42350 | 100.84 |
| | 1833 | U W SPECIAL PRIDE | 600 | 780 | 3 | 51410 | 130.00 |
| | | | | 780 | 3 | 51410 | 130.00 |
| | 1904 | TENNYSON OFFSET | 630 | 670 | 2 | 51070 | 106.34 |
| | | | | 670 | 2 | 51070 | 106.34 |
| | 1906 | TENNYSON OFFSET | 550 | 560 | 2 | 12510 | 101.81 |
| | | | | 560 | 2 | 12510 | 101.81 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 780 | 2 | 9460 | 104.00 |
| | | | | 780 | 2 | 9460 | 104.00 |
| | 2901 | DICKENS OFFSET | 750 | 760 | 1 | 18710 | 101.33 |
| | | | 750 | 780 | 2 | 66010 | 104.00 |
| | | | | 776 | 3 | 84720 | 103.41 |
| | 2902 | DICKENS OFFSET | 750 | 740 | 4 | 27800 | 98.66 |
| | | | 750 | 750 | 3 | 78440 | 100.00 |
| | | | 750 | 760 | 13 | 465125 | 101.33 |
| | | | 750 | 770 | 1 | 46330 | 102.66 |
| | | | | 759 | 21 | 617695 | 101.14 |

85R042 50

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| 3002 | SUPERIOR OFFSET | 750 | 760 | 4 | 108040 | 101.33 |
| | | | 760 | 4 | 108040 | 101.33 |
| 3005 | SUPERIOR OFFSET | 550 | 560 | 3 | 123220 | 101.81 |
| | | 550 | 600 | 1 | 38260 | 109.09 |
| | | 550 | 615 | 1 | 51370 | 111.81 |
| | | | 580 | 5 | 212850 | 105.53 |
| 6100 | WHITE CAP GUN STOCK | 630 | 670 | 1 | 10440 | 106.34 |
| | | | 670 | 1 | 10440 | 106.34 |
| 7100 | K WHITE OFFSET | 760 | 780 | 7 | 122090 | 102.63 |
| | | | 780 | 7 | 122090 | 102.63 |
| 7101 | K WHITE OFF LT | 750 | 740 | 1 | 3910 | 98.66 |
| | | 750 | 780 | 9 | 150795 | 104.00 |
| | | | 779 | 10 | 154605 | 103.87 |
| 7102 | K WHITE OFFSET | 750 | 710 | 2 | 19370 | 94.66 |
| | | 750 | 740 | 2 | 42160 | 98.66 |
| | | 750 | 750 | 7 | 90575 | 100.00 |
| | | 750 | 760 | 5 | 92360 | 101.33 |
| | | 750 | 770 | 8 | 199150 | 102.66 |
| | | 790 | 780 | 8 | 148640 | 104.00 |
| | | | 764 | 32 | 598255 | 101.82 |
| 7104 | K WHITE OFFSET | 630 | 650 | 7 | 124640 | 103.17 |
| | | 630 | 660 | 1 | 7360 | 104.76 |
| | | 630 | 670 | 9 | 107565 | 106.34 |
| | | 630 | 700 | 2 | 44790 | 111.11 |
| | | | 666 | 19 | 284355 | 105.66 |
| 7105 | K WHITE OFFSET | 550 | 540 | 1 | 30640 | 98.18 |
| | | 550 | 580 | 1 | 2900 | 105.45 |
| | | 550 | 610 | 1 | 9660 | 110.90 |
| | | | 555 | 3 | 51200 | 100.99 |
| 7107 | K WHITE OFFSET | 460 | 460 | 2 | 39815 | 100.00 |
| | | | 460 | 2 | 39815 | 100.00 |
| 7109 | DW K OFFSET | 360 | | 1 | | |
| | | 360 | 350 | 6 | 187405 | 97.22 |
| | | 360 | 370 | 1 | 9180 | 102.77 |
| | | 360 | 650 | 1 | 2640 | 180.55 |
| | | | 355 | 9 | 199225 | 98.58 |
| 71[illegible] | [illegible] K OFFSET - ANTIQUE | 760 | 780 | 2 | 9180 | 102.63 |
| | | | 780 | 2 | 9180 | 102.63 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | GUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7122 | L & K OFFSET - ANTIQUE | 750 | 720 | 1 | 12300 | 96.00 |
| | | | 750 | 750 | 2 | 40610 | 100.00 |
| | | | 750 | 770 | 3 | 66380 | 102.66 |
| | | | 750 | 780 | 3 | 30980 | 104.00 |
| | | | | 763 | 9 | 149970 | 101.68 |
| | 7123 | DW K OFFSET - ANTIQUE | 690 | 700 | 1 | 8850 | 101.44 |
| | | | | 700 | 1 | 8850 | 101.44 |
| | 7124 | L & K OFFSET ANTIQUE | 630 | 650 | 4 | 22920 | 103.17 |
| | | | 630 | 670 | 2 | 50180 | 106.34 |
| | | | 630 | 685 | 1 | 9300 | 108.73 |
| | | | 630 | 700 | 1 | 9400 | 111.11 |
| | | | | 670 | 8 | 91800 | 106.28 |
| | 7125 | DW K OFFSET - ANTIQUE | 550 | 540 | 1 | 22140 | 98.18 |
| | | | 550 | 560 | 3 | 22360 | 101.81 |
| | | | | 550 | 4 | 44500 | 100.00 |
| | 7202 | RAVENSWOOD OPAQUE | 750 | 760 | 6 | 122830 | 101.33 |
| | | | 750 | 770 | 2 | 84660 | 102.66 |
| | | | | 764 | 8 | 207490 | 101.87 |
| | 7204 | RAVENSWOOD OPAQUE | 630 | 660 | 3 | 23655 | 104.76 |
| | | | 630 | 670 | 2 | 13830 | 106.34 |
| | | | | 664 | 5 | 37485 | 105.33 |
| | 7205 | RAVENSWOOD OPAQUE | 550 | 560 | 1 | 15720 | 101.81 |
| | | | 550 | 580 | 1 | 12110 | 105.45 |
| | | | 550 | 760 | 1 | 3260 | 138.18 |
| | | | | 588 | 3 | 32110 | 106.90 |
| | 9002 | TRIAL RUNS | | 750 | 4 | | |
| | | | | | 4 | | |
| | | | | 712 | 205 | 3930455 | 103.02 |

85944

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 11
RUN DATE: 04/02/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 1 | 203 | LAUREL TEXT - R3 | 750 | 780 | 5 | 65950 | 104.00 |
| | | | | 780 | 5 | 65950 | 104.00 |
| | 205 | LAUREL TEXT R.S. | 720 | 750 | 1 | 13660 | 104.16 |
| | | | | 750 | 1 | 13660 | 104.16 |
| | 27[illegible] | TYPE IV BASE STOCK DRY TON | 470 | 520 | 2 | 65290 | 110.63 |
| | | | | 520 | 2 | 65290 | 110.63 |
| | 274 | TYPE 904-B R.S. | 625 | 620 | 3 | 37870 | 99.20 |
| | | | | 620 | 3 | 37870 | 99.20 |
| | 276 | TYPE IV E DT BLADE BASE | 520 | 530 | 2 | 71950 | 101.92 |
| | | | 520 | 560 | 10 | 272880 | 107.69 |
| | | | 520 | 570 | 7 | 227720 | 109.61 |
| | | | | 560 | 19 | 572560 | 107.73 |
| | 291 | A P WALLPAPER BASE | 450 | 460 | 2 | 27020 | 102.22 |
| | | | | 460 | 2 | 27020 | 102.22 |
| | 1203 | A.M. PRIDE | 740 | 760 | 2 | 10630 | 102.70 |
| | | | | 760 | 2 | 10630 | 102.70 |
| | 120[illegible] | A.M. PRIDE | 720 | 730 | 1 | 11000 | 101.38 |
| | | | 720 | 750 | 17 | 360500 | 104.16 |
| | | | | 749 | 18 | 371500 | 104.08 |
| | 1210 | GENERIC OFFSET | 620 | 650 | 2 | 12280 | 104.83 |
| | | | 620 | 680 | 3 | 74470 | 109.67 |
| | | | 620 | 700 | 5 | 89610 | 112.90 |
| | | | | 688 | 10 | 176360 | 110.97 |
| | 1533 | WHITE SPEC K OFFSET | 720 | 740 | 2 | 18080 | 102.77 |
| | | | 720 | 750 | 1 | 13050 | 104.16 |
| | | | | 744 | 3 | 31130 | 103.35 |
| | 1559 | WHITE SPEC K OFFSET | 620 | 650 | 2 | 33180 | 104.83 |
| | | | 620 | 680 | 1 | 12390 | 109.67 |
| | | | | 658 | 3 | 45570 | 106.15 |
| | 1792 | J OPACIFIED OFFSET | 720 | 750 | 11 | 227610 | 104.16 |
| | | | 720 | 780 | 1 | 38070 | 108.33 |
| | | | | 754 | 12 | 265680 | 104.76 |
| | 1809 | PRIDE OPAQUE | 700 | 760 | 1 | 2750 | 108.57 |
| | | | 700 | 770 | 2 | 37900 | 110.00 |
| | | | 700 | 780 | 1 | 3180 | 111.42 |
| | | | | 770 | 4 | 43830 | 110.01 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1805 | ALLIED PRIDE | 760 | 760 | 2 | 28860 | 101.33 |
| | | | 750 | 780 | 3 | 30600 | 104.00 |
| | | | | 770 | 5 | 59460 | 102.70 |
| | 1810 | BW PRIDE OPAQUE | 750 | 760 | 2 | 28160 | 101.33 |
| | | | | 760 | 2 | 28160 | 101.33 |
| | 1820 | BW PRIDE OPAQUE | 720 | 750 | 2 | 41600 | 104.16 |
| | | | | 750 | 2 | 41600 | 104.16 |
| | 1840 | SPEC ALLIED PRIDE | 740 | 750 | 1 | 10260 | 101.35 |
| | | | | 750 | 1 | 10260 | 101.35 |
| | 2504 | SOLITUDE OPAQUE | 760 | 760 | 1 | 17080 | 101.33 |
| | | | | 760 | 1 | 17080 | 101.33 |
| | 2507 | SOLITUDE OPAQUE | 720 | 770 | 1 | 20740 | 106.94 |
| | | | | 770 | 1 | 20740 | 106.94 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 750 | 750 | 1 | 6160 | 100.00 |
| | | | | 750 | 1 | 6160 | 100.00 |
| | 2536 | I B M MANUAL | 720 | | 1 | | |
| | | | 720 | 730 | 4 | 123540 | 101.38 |
| | | | 720 | 740 | 1 | 5470 | 102.77 |
| | | | 720 | 750 | 3 | 86600 | 104.16 |
| | | | 720 | 760 | 1 | 34500 | 105.55 |
| | | | 720 | 770 | 2 | 44720 | 106.94 |
| | | | 720 | 780 | 1 | 4900 | 108.33 |
| | | | | 746 | 13 | 299733 | 103.67 |
| | 2902 | DICKENS OFFSET | 720 | 750 | 9 | 238760 | 104.16 |
| | | | | 750 | 9 | 238760 | 104.16 |
| | 3500 | SCHOOL COTE | 730 | 720 | 3 | 44400 | 98.63 |
| | | | | 720 | 3 | 44400 | 98.63 |
| | 7100 | K WHITE OFFSET | 750 | 770 | 4 | 20020 | 102.66 |
| | | | | 770 | 4 | 20020 | 102.66 |
| | 7101 | K WHITE OFFSET | 730 | 770 | 5 | 39380 | 105.47 |
| | | | 730 | 780 | 2 | 35680 | 106.84 |
| | | | 730 | 790 | 2 | 40840 | 108.21 |
| | | | | 780 | 9 | 116500 | 106.85 |
| | 7102 | K WHITE OFFSET | 720 | 730 | 2 | 10780 | 101.38 |
| | | | 720 | 740 | 1 | | 102.77 |
| | | | 720 | 750 | 17 | 482380 | 104.16 |
| | | | 720 | 760 | 8 | 179820 | 105.55 |

853946 50

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| M | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 720 | 780 | 1 | 12810 | 108.33 |
| | | | | 753 | 29 | 681740 | 104.55 |
| | 7104 | K WHITE OFFSET | 620 | 650 | 4 | 45630 | 104.83 |
| | | | 620 | 660 | 2 | 53250 | 106.45 |
| | | | 620 | 680 | 6 | 144020 | 109.57 |
| | | | 620 | 720 | 2 | 13560 | 116.12 |
| | | | | 673 | 14 | 256460 | 108.40 |
| | 7105 | K WHITE OFFSET | 550 | 600 | 1 | 24720 | 109.09 |
| | | | | 600 | 1 | 24720 | 109.09 |
| | 7120 | J & K OFFSET - ANTIQUE | 750 | 770 | 3 | 47350 | 102.66 |
| | | | | 770 | 3 | 47350 | 102.66 |
| | 7122 | J & K OFFSET - ANTIQUE | 720 | 750 | 1 | 20390 | 104.16 |
| | | | | 750 | 1 | 20390 | 104.16 |
| | 7123 | BM K OFFSET - ANTIQUE | 710 | 730 | 3 | 21240 | 102.81 |
| | | | | 730 | 3 | 21240 | 102.81 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | 800 | 2 | 42590 | 106.66 |
| | | | | 800 | 2 | 42590 | 106.66 |
| | 7201 | RAVENSWOOD OPAQUE | 730 | 760 | 3 | 37670 | 104.10 |
| | | | | 760 | 3 | 37670 | 104.10 |
| | 7202 | RAVENSWOOD OPAQUE | 720 | 750 | 1 | 8280 | 104.16 |
| | | | | 750 | 1 | 8280 | 104.16 |
| | 9020 | SATURATED GRAVURE BASE | 450 | 460 | 3 | 32980 | 102.22 |
| | | | | 460 | 3 | 32980 | 102.22 |
| | 9030 | SATURATED VELLUM BASE | 450 | 450 | 3 | 81800 | 100.00 |
| | | | 450 | 460 | 2 | 41960 | 102.22 |
| | | | | 453 | 5 | 123760 | 100.75 |
| | 9500 | TRIAL RUNS | | | 1 | | |
| | | | | 450 | 5 | | |
| | | | | 460 | 3 | | |
| | | | | 570 | 2 | | |
| | | | | | 11 | | |
| | | | | 697 | 211 | 3927100 | 105.32 |

85927

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TLXT | 1300 | 1200 | 1 | 4794 | 92.30 |
| | | | 1300 | 1360 | 1 | 29415 | 104.61 |
| | | | 1300 | 1400 | 4 | 16185 | 107.69 |
| | | | 1300 | 1500 | 3 | 18342 | 115.38 |
| | | | | 1396 | 9 | 68736 | 107.35 |
| | 805 | LAUREL TLXT | 1250 | 1260 | 1 | 36423 | 100.80 |
| | | | 1250 | 1400 | 1 | 14145 | 112.00 |
| | | | | 1299 | 2 | 50568 | 103.93 |
| | 871 | MASTERBASE TYPE V LTHW-S | 300 | 600 | 4 | 6129 | 200.00 |
| | | | 300 | 650 | 9 | 47961 | 216.66 |
| | | | | 644 | 13 | 54090 | 214.77 |
| | 874 | TYPE 904-S | 300 | 450 | 4 | | 150.00 |
| | | | 300 | 985 | 3 | 34032 | 328.33 |
| | | | | 985 | 7 | 34032 | 328.33 |
| | 876 | MASTERBASE TYPE IV DT | 345 | | 4 | | |
| | | | 345 | 300 | 3 | 23999 | 86.95 |
| | | | 345 | 370 | 3 | 23545 | 107.24 |
| | | | 345 | 400 | 15 | 111711 | 115.94 |
| | | | 345 | 444 | 4 | 32113 | 128.69 |
| | | | 345 | 500 | 19 | 71663 | 144.92 |
| | | | 345 | 538 | 3 | 2689 | 155.94 |
| | | | 345 | 1000 | 13 | 55107 | 289.85 |
| | | | 345 | 1170 | 4 | 3605 | 339.13 |
| | | | 345 | 1300 | 1 | 28084 | 376.81 |
| | | | | 590 | 69 | 352516 | 170.99 |
| | 9600 | TRIAL RUNS | | | 11 | | |
| | | | | 330 | 3 | | |
| | | | | 360 | 1 | | |
| | | | | 400 | 10 | | |
| | | | | 453 | 1 | | |
| | | | | 500 | 4 | | |
| | | | | | 30 | | |
| | | | | 782 | 130 | 559942 | 170.92 |

PROGRAM: N4RS7410 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 04/02/85 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| M | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1100 | DW RAMTEXT NEW SHADE EB | 103 | 104 | 9 | 196000 | 100.97 |
| | | | 103 | 86 | 2 | 7280 | 83.49 |
| | | | | 103 | 11 | 203280 | 100.34 |
| | 1207 | A / PRIDE | 105 | 100 | 1 | 11000 | 95.23 |
| | | | | 100 | 1 | 11000 | 95.23 |
| | 1221 | CUSTOM OFFSET | 116 | 98 | 2 | 30960 | 84.48 |
| | | | | 98 | 2 | 30960 | 84.48 |
| | 1903 | ALLIED PRIDE | 105 | 93 | 4 | 45220 | 88.57 |
| | | | | 93 | 4 | 45220 | 88.57 |
| | 1905 | ALLIED PRIDE | 105 | 105 | 3 | 41280 | 100.00 |
| | | | | 105 | 3 | 41280 | 100.00 |
| | 1933 | D W SPECIAL PRIDE | 105 | 105 | 2 | 28320 | 100.00 |
| | | | | 105 | 2 | 28320 | 100.00 |
| | 1940 | SPEC ALLIED PRIDE | 110 | 113 | 9 | 176430 | 102.72 |
| | | | | 113 | 9 | 176430 | 102.72 |
| | 2000 | BRITE LITE THIN | 110 | 100 | 2 | 12000 | 90.90 |
| | | | | 100 | 2 | 12000 | 90.90 |
| | 2019 | BRITE LITE THIN | 110 | 113 | 12 | 150280 | 102.72 |
| | | | | 113 | 12 | 150280 | 102.72 |
| | 2101 | BRITISH OPAQUE | 121 | 112 | 3 | 42960 | 92.56 |
| | | | | 112 | 3 | 42960 | 92.56 |
| | 2204 | IMPERIAL BIBLE | 110 | 96 | 2 | 11370 | 87.27 |
| | | | | 96 | 2 | 11370 | 87.27 |
| | 2241 | LAWYERS OFFSET | 110 | 108 | 13 | 245980 | 98.18 |
| | | | | 108 | 13 | 245980 | 98.18 |
| | 2405 | SHAKESPEARE THIN | 110 | 104 | 2 | 7480 | 94.54 |
| | | | | 104 | 2 | 7480 | 94.54 |
| | 2407 | SHAKESPEARE THIN | 110 | 113 | 4 | 58340 | 102.72 |
| | | | | 113 | 4 | 58340 | 102.72 |
| | 2426 | SHAKESPEARE THIN | 102 | 94 | 8 | 102260 | 92.15 |
| | | | | 94 | 8 | 102260 | 92.15 |
| | 2503 | SOLITUDE OPAQUE | 110 | 105 | 2 | 14590 | 95.45 |
| | | | 110 | 98 | 6 | 83200 | 89.09 |
| | | | | 99 | 8 | 97790 | 90.04 |

85
85929

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 04/02/85 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2541 | A P LIGHT#EIGHT TY OPA | 116 | 105 | 8 | 114150 | 90.51 |
| | | | | 105 | 8 | 114150 | 90.51 |
| | 2542 | A P LIGHT WEIGHT | 105 | 102 | 4 | 47990 | 97.14 |
| | | | | 102 | 4 | 47990 | 97.14 |
| | 2545 | A.P. LIGHT#LIGHT | 110 | 110 | 2 | 28380 | 100.00 |
| | | | | 110 | 2 | 28380 | 100.00 |
| | 2548 | NATO "83" B.W. | 110 | 113 | 4 | 51990 | 102.72 |
| | | | | 113 | 4 | 51990 | 102.72 |
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 105 | 119 | 12 | 275420 | 113.33 |
| | | | | 119 | 12 | 275420 | 113.33 |
| | 3835 | WHITE BOOK LITE | 105 | 105 | 5 | 77850 | 100.00 |
| | | | | 105 | 5 | 77850 | 100.00 |
| | 6723 | COMBINER WRAP (ATC) | 110 | 102 | 10 | 80530 | 92.72 |
| | | | | 102 | 10 | 80530 | 92.72 |
| | | | | 108 | 131 | 1941260 | 99.61 |

853958 85

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1985

| MI | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 1 | 1100 | CW RAMTEAT NEW SHADE EU | 138 | 138 | 19 | 509370 | 100.00 |
| | | | 138 | 121 | 1 | 5050 | 87.68 |
| | | | | 138 | 20 | 514420 | 99.68 |
| | 1200 | A.M. PRICE | 148 | 145 | 3 | 86400 | 97.97 |
| | | | 148 | 142 | 3 | 133270 | 95.94 |
| | | | 148 | 140 | 7 | 142110 | 94.59 |
| | | | | 142 | 13 | 361780 | 95.89 |
| | 1210 | GENERIC OFFSET | 142 | 138 | 1 | 49400 | 97.18 |
| | | | 142 | 119 | 2 | 20280 | 83.80 |
| | | | | 132 | 3 | 69680 | 93.29 |
| | 1537 | WHITE [illegible] OFFSET | 142 | 130 | 3 | 127320 | 91.54 |
| | | | | 130 | 3 | 127320 | 91.54 |
| | 2502 | SOLITUDE OPAQUE | 140 | 146 | 22 | 580725 | 104.28 |
| | | | | 146 | 22 | 580725 | 104.28 |
| | 2536 | I B M MANUAL | 142 | 140 | 4 | 124690 | 98.59 |
| | | | | 140 | 4 | 124690 | 98.59 |
| | 2547 | A.M. LIGHTW IGHT | 140 | 140 | 3 | 60120 | 100.00 |
| | | | | 140 | 3 | 60120 | 100.00 |
| | 2903 | DICKENS OFFSET | 140 | 140 | 1 | 37650 | 100.00 |
| | | | | 140 | 1 | 37650 | 100.00 |
| | 2961 | BK G OFFSET | 142 | 146 | 1 | 15340 | 102.81 |
| | | | | 146 | 1 | 15340 | 102.81 |
| | 2962 | SPO L JT 21 | 142 | 140 | 2 | 11260 | 98.59 |
| | | | | 140 | 2 | 11260 | 98.59 |
| | 3030 | WHITE BOOKLITE | 138 | 139 | 9 | 265260 | 100.72 |
| | | | 138 | 136 | 1 | 29440 | 98.55 |
| | | | | 139 | 10 | 294700 | 100.50 |
| | 7100 | K WHITE OFFSET | 142 | 144 | 2 | 23870 | 101.40 |
| | | | 142 | 140 | 2 | 40560 | 98.59 |
| | | | | 141 | 4 | 64430 | 99.63 |
| | 7102 | K WHITE OFFSET | 142 | 144 | 5 | 120770 | 101.40 |
| | | | 142 | 142 | 2 | 37880 | 100.00 |
| | | | 142 | 140 | 7 | 169330 | 98.59 |
| | | | 142 | 138 | 1 | 23880 | 97.18 |
| | | | 142 | 136 | 3 | 53770 | 95.77 |
| | | | 142 | 134 | 3 | 82500 | 94.36 |
| | | | 142 | 131 | 2 | 39850 | 92.25 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 142 | 130 | 1 | 19330 | 91.54 |
| | | | 142 | 122 | 2 | 12840 | 85.91 |
| | | | | 138 | 26 | 560150 | 97.35 |
| | 7103 | K WHITE OFFSET | 142 | 148 | 1 | 18740 | 104.22 |
| | | | | 148 | 1 | 18740 | 104.22 |
| | 7104 | K WHITE OFFSET | 142 | 146 | 2 | 43610 | 102.51 |
| | | | 142 | 140 | 2 | 9380 | 98.59 |
| | | | 142 | 134 | 2 | 23280 | 94.36 |
| | | | 142 | 130 | 1 | 41250 | 91.54 |
| | | | | 138 | 7 | 117520 | 96.84 |
| | 7105 | K WHITE OFFSET | 146 | 131 | 1 | 1552[illegible] | 89.72 |
| | | | | 131 | 1 | 15520 | 89.72 |
| | 7107 | K WHITE OFFSET | 142 | 143 | 1 | 7400 | 100.70 |
| | | | | 143 | 1 | 7400 | 100.70 |
| | 7122 | B W K OFFSET - ANTIQUE | 142 | 140 | 2 | 40800 | 98.59 |
| | | | 142 | 125 | 5 | 147550 | 88.02 |
| | | | | 128 | 7 | 188350 | 90.31 |
| | 7124 | B W K OFFSET ANTIQUE | 142 | 147 | [illegible] | 9[illegible] | 103.52 |
| | | | 142 | 135 | 2 | 19600 | 95.07 |
| | | | 142 | 125 | 1 | 16800 | 88.02 |
| | | | | 134 | 5 | 46000 | 94.28 |
| | 7200 | RAVENS&COD OPAQUE | 140 | 144 | 1 | 9386 | 102.85 |
| | | | | 144 | 1 | 9350 | 102.85 |
| | 7202 | RAVENS&COD OPAQUE | 140 | 147 | 1 | 44890 | 105.00 |
| | | | 140 | 143 | 1 | 20670 | 102.14 |
| | | | 140 | 142 | 2 | 39200 | 101.42 |
| | | | 140 | 140 | 6 | 96760 | 100.00 |
| | | | 140 | 135 | 1 | 42000 | 96.42 |
| | | | 140 | 128 | 1 | 4720 | 91.42 |
| | | | | 141 | 12 | 249240 | 100.54 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 145 | 14 | 384 40 | 110.[illegible] |
| | | | | 148 | 14 | 384340 | 100.00 |
| | 9600 | TRIAL RUNS | | 147 | 7 | | |
| | | | | 146 | 1 | | |
| | | | | 140 | 2 | | |
| | | | | 134 | 1 | | |
| | | | | 128 | 5 | | |
| | | | | | 16 | | |

85X952

ROGRAM: MAPS741C
UN DATE: 04/02/85
S C M A L L I E D P A P E R I N C.
DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985
PAGE 5

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 140 | 177 | 3857755 | 98.84 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1200 | A.M. PRIDE | 136 | 134 | 2 | 15630 | 98.52 |
| | | | 136 | 129 | 3 | 71760 | 94.85 |
| | | | 136 | 127 | 1 | 10720 | 93.38 |
| | | | 136 | 126 | 1 | 23720 | 92.64 |
| | | | | 129 | 7 | 121830 | 94.76 |
| | 1210 | GENERIC OFFSET | 136 | 134 | 1 | 42700 | 98.52 |
| | | | 136 | 93 | 2 | 20420 | 68.38 |
| | | | | 121 | 3 | 63120 | 88.77 |
| | 1211 | GENERIC OFFSET | 136 | 93 | 1 | 10400 | 68.38 |
| | | | | 93 | 1 | 10400 | 68.38 |
| | 1503 | WHITE SPEC K OFFSET | 132 | 105 | 2 | 42130 | 79.54 |
| | | | | 105 | 2 | 42130 | 79.54 |
| | 1333 | WHITE SPEC K OFFSET | 136 | 132 | 1 | 46090 | 97.09 |
| | | | | 132 | 1 | 46080 | 97.05 |
| | 1702 | J OPACIFIED OFFSET | 136 | 130 | 3 | 80670 | 95.58 |
| | | | | 130 | 3 | 80670 | 95.58 |
| | 1810 | DW PRIDE OPAQUE | 136 | 134 | 1 | 15480 | 98.52 |
| | | | 136 | 128 | 3 | 79800 | 94.11 |
| | | | 136 | 124 | 2 | 35750 | 91.17 |
| | | | | 128 | 6 | 131030 | 93.83 |
| | 2200 | IMPERIAL BIBLE | 128 | 128 | 4 | 99720 | 100.00 |
| | | | | 128 | 4 | 99720 | 100.00 |
| | 2203 | IMPERIAL BIBLE | 134 | 106 | 1 | 8070 | 79.10 |
| | | | | 106 | 1 | 8070 | 79.10 |
| | 2204 | IMPERIAL BIBLE | 134 | 128 | 3 | 60160 | 95.52 |
| | | | | 128 | 3 | 60160 | 95.82 |
| | 2210 | C W IMPERIAL BIBLE | 128 | 136 | 10 | 190990 | 106.25 |
| | | | | 136 | 10 | 190990 | 106.25 |
| | 2401 | SHAKESPEARE THIN | 133 | 129 | 14 | 297990 | 96.99 |
| | | | | 129 | 14 | 297990 | 96.99 |
| | 2406 | SHAKESPEARE THIN | 132 | 130 | 5 | 25400 | 98.48 |
| | | | | 130 | 5 | 25400 | 98.48 |
| | 2406 | SHAKESPEARE THIN | 132 | 132 | 1 | 10400 | 100.00 |
| | | | | 132 | 1 | 10400 | 100.01 |
| | 2407 | SHAKESPEARE THIN | 132 | 130 | 3 | 22280 | 98.48 |

853954

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 130 | 3 | 22280 | 98.48 |
| | 2503 | SOLITUDE OPAQUE | 134 | 137 | 5 | 130880 | 102.23 |
| | | | | 137 | 5 | 130880 | 102.23 |
| | 2504 | SOLITUDE OPAQUE | 134 | 132 | 9 | 214920 | 98.50 |
| | | | | 132 | 9 | 214920 | 98.50 |
| | 2505 | SOLITUDE OPAQUE | 136 | 123 | 3 | 65110 | 90.44 |
| | | | | 123 | 3 | 65110 | 90.44 |
| | 2508 | SOLITUDE OPAQUE | 134 | 120 | 2 | 10000 | 89.55 |
| | | | | 120 | 2 | 10000 | 89.55 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 136 | 123 | 2 | 42510 | 90.44 |
| | | | | 123 | 2 | 42510 | 90.44 |
| | 2528 | A H DICTIONARY | 136 | 121 | 6 | 121780 | 88.97 |
| | | | | 121 | 6 | 121780 | 88.97 |
| | 2543 | A.P. LIGHTWEIGHT | 138 | 134 | 12 | 374530 | 97.10 |
| | | | 138 | 132 | 1 | 5200 | 95.65 |
| | | | 138 | 118 | 4 | 37140 | 85.50 |
| | | | | 133 | 17 | 416870 | 96.05 |
| | 2545 | A.P. LIGHTWEIGHT | 134 | 124 | 3 | 43680 | 92.53 |
| | | | | 124 | 3 | 43680 | 92.53 |
| | 3835 | WHITE BOOKLITE | 134 | 125 | 1 | 9700 | 93.28 |
| | | | | 125 | 1 | 9700 | 93.28 |
| | 5106 | WHITE CAP GUN STOCK | 132 | 125 | 1 | 33705 | 94.69 |
| | | | | 125 | 1 | 33705 | 94.69 |
| | 7100 | K WHITE OFFSET | 136 | 131 | 3 | 67480 | 96.32 |
| | | | | 131 | 3 | 67480 | 96.32 |
| | 7101 | K WHITE OFFSET | 136 | 133 | 2 | 40760 | 97.79 |
| | | | 136 | 127 | 2 | 14210 | 93.38 |
| | | | 136 | 124 | 1 | 20930 | 91.17 |
| | | | 136 | 122 | 1 | 13380 | 89.70 |
| | | | 136 | 121 | 1 | 9690 | 88.97 |
| | | | | 128 | 7 | 98970 | 93.80 |
| | 7102 | K WHITE OFFSET | 136 | 138 | 3 | 92200 | 101.47 |
| | | | 136 | 137 | 2 | 9970 | 100.73 |
| | | | 136 | 136 | 4 | 97360 | 100.00 |
| | | | 136 | 132 | 5 | 202900 | 97.05 |
| | | | 136 | 131 | 5 | 117550 | 96.32 |

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 136 | 130 | 3 | 80020 | 95.59 |
| | | | 136 | 129 | 3 | 90320 | 94.85 |
| | | | 136 | 128 | 1 | 25360 | 94.11 |
| | | | 136 | 127 | 2 | 62110 | 93.38 |
| | | | 136 | 123 | 2 | 19080 | 90.44 |
| | | | | 132 | 30 | 796770 | 96.92 |
| | 7104 | K WHITE OFFSET | 136 | 124 | 1 | 18960 | 91.17 |
| | | | 136 | 122 | 2 | 29990 | 89.70 |
| | | | | 123 | 3 | 48950 | 90.27 |
| | 7105 | K WHITE OFFSET | 136 | 137 | 1 | 46200 | 100.73 |
| | | | 136 | 136 | 4 | 213420 | 100.00 |
| | | | | 136 | 5 | 259620 | 100.13 |
| | 7123 | BW K OFFSET - ANTIQUE | 136 | 139 | 1 | 8400 | 102.20 |
| | | | 136 | 136 | 2 | 33900 | 100.00 |
| | | | | 137 | 3 | 42300 | 100.44 |
| | 7124 | B W K OFFSET ANTIQUE | 136 | 139 | 1 | 5280 | 102.20 |
| | | | 136 | 136 | 2 | 70600 | 100.00 |
| | | | 136 | 129 | 1 | 12520 | 94.85 |
| | | | 136 | 102 | 1 | 3560 | 75.00 |
| | | | | 134 | 5 | 91960 | 98.46 |
| | 7202 | HAVENSWOOD OPAQUE | 136 | 138 | 1 | 27120 | 101.47 |
| | | | 136 | 125 | 3 | 46100 | 91.91 |
| | | | 136 | 118 | 1 | 8600 | 86.76 |
| | | | | 129 | 5 | 81820 | 94.94 |
| | | | | 130 | 174 | 3787295 | 96.54 |

053956

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| 1300 | U.P. OFFSET | 114 | 114 | 2 | 44850 | 100.00 |
| | | | 114 | 2 | 44850 | 100.00 |
| 1202 | SPECIAL AM PRIDE | 116 | 112 | 15 | 408680 | 96.55 |
| | | | 112 | 15 | 408680 | 96.55 |
| 1203 | A.M. PRIDE | 106 | 116 | 2 | 14700 | 109.43 |
| | | 106 | 105 | 2 | 43670 | 99.05 |
| | | | 108 | 4 | 58370 | 101.66 |
| 1503 | WHITE SPEC K OFFSET | 105 | 116 | 2 | 10460 | 110.47 |
| | | | 116 | 2 | 10460 | 110.47 |
| 1533 | WHITE SPEC K OFFSET | 106 | 119 | 1 | 11090 | 112.26 |
| | | 106 | 116 | 1 | 14280 | 109.43 |
| | | 106 | 105 | 2 | 21330 | 99.05 |
| | | 106 | 104 | 2 | 44800 | 98.11 |
| | | 106 | 100 | 2 | 23060 | 94.33 |
| | | | 106 | 8 | 115460 | 100.40 |
| 1559 | WHITE SPEC K OFFSET | 105 | 118 | 4 | 47550 | 109.52 |
| | | 105 | 105 | 1 | 8190 | 100.00 |
| | | 105 | 99 | 2 | 5420 | 94.28 |
| | | | 112 | 7 | 61160 | 106.89 |
| 1732 | J OPACIFIED OFFSET | 105 | 117 | 2 | 42350 | 111.42 |
| | | | 117 | 2 | 42350 | 111.42 |
| 1833 | B W SPECIAL PRIDE | 105 | 105 | 3 | 51410 | 100.00 |
| | | | 105 | 3 | 51410 | 100.00 |
| 1904 | TENNYSON OFFSET | 110 | 105 | 2 | 51070 | 98.45 |
| | | | 105 | 2 | 51070 | 95.45 |
| 1905 | TENNYSON OFFSET | 136 | 107 | 2 | 12510 | 78.67 |
| | | | 107 | 2 | 12510 | 78.67 |
| 2543 | A.P. LIGHTWEIGHT | 112 | 96 | 2 | 9460 | 85.71 |
| | | | 96 | 2 | 9460 | 85.71 |
| 2901 | DICKENS OFFSET | 110 | 105 | 3 | 84720 | 95.45 |
| | | | 105 | 3 | 84720 | 95.45 |
| 2902 | DICKENS OFFSET | 110 | 120 | 3 | 71650 | 109.09 |
| | | 110 | 118 | 1 | 46330 | 107.27 |
| | | 110 | 113 | 4 | 27800 | 102.72 |
| | | 110 | 105 | 4 | 114360 | 95.45 |
| | | 110 | 103 | 7 | 312480 | 93.63 |
| | | 110 | 101 | 2 | 45075 | 91.81 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03,1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 107 | 21 | 617695 | 97.08 |
| | 3002 | SUPERIOR OFFSET | 110 | 99 | 4 | 108040 | 90.00 |
| | | | | 99 | 4 | 108040 | 90.00 |
| | 3005 | SUPERIOR OFFSET | 110 | 100 | 5 | 212850 | 90.90 |
| | | | | 100 | 5 | 212850 | 90.90 |
| | 6100 | WHITE CAP GUN STOCK | 108 | 113 | 1 | 10440 | 104.62 |
| | | | | 113 | 1 | 10440 | 104.62 |
| | 7100 | K WHITE OFFSET | 110 | 116 | 1 | 13240 | 105.45 |
| | | | 110 | 113 | 1 | 11900 | 102.72 |
| | | | 110 | 110 | 2 | 41720 | 100.00 |
| | | | 110 | 105 | 2 | 39240 | 95.45 |
| | | | 110 | 103 | 1 | 15990 | 93.63 |
| | | | | 108 | 7 | 122090 | 98.56 |
| | 7101 | K WHITE OFFSET | 110 | 118 | 1 | 16675 | 107.27 |
| | | | 110 | 110 | 1 | 11340 | 100.00 |
| | | | 110 | 105 | 4 | 66430 | 95.45 |
| | | | 110 | 102 | 1 | 16190 | 92.72 |
| | | | 110 | 100 | 2 | 40160 | 90.90 |
| | | | 110 | 93 | 1 | 3210 | 84.54 |
| | | | | 105 | 10 | 154605 | 95.32 |
| | 7102 | K WHITE OFFSET | 110 | 120 | 1 | 4600 | 109.09 |
| | | | 110 | 117 | 4 | 89080 | 106.36 |
| | | | 110 | 116 | 2 | 19370 | 104.54 |
| | | | 110 | 113 | 2 | 12540 | 102.72 |
| | | | 110 | 110 | 2 | 66880 | 100.00 |
| | | | 110 | 105 | 17 | 149735 | 95.45 |
| | | | 110 | 104 | 2 | 41140 | 94.54 |
| | | | 110 | 97 | 1 | 11160 | 88.18 |
| | | | 110 | 96 | 1 | 3750 | 87.27 |
| | | | | 108 | 32 | 898265 | 97.89 |
| | 7104 | K WHITE OFFSET | 110 | 116 | 2 | 27180 | 105.45 |
| | | | 110 | 115 | 6 | 75230 | 104.54 |
| | | | 110 | 111 | 1 | 2805 | 100.90 |
| | | | 110 | 105 | 2 | 93750 | 95.45 |
| | | | 110 | 104 | 2 | 40600 | 94.54 |
| | | | 110 | 99 | 2 | 44790 | 90.00 |
| | | | | 108 | 15 | 284355 | 97.89 |
| | 7105 | K WHITE OFFSET | 110 | 104 | 2 | 12560 | 94.54 |
| | | | 110 | 100 | 1 | 38640 | 90.90 |
| | | | | 101 | 3 | 51200 | 91.79 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| H GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7107 | K WHITE OFFSET | 110 | 93 | 2 | 39815 | 84.54 |
| | | | 93 | 2 | 39815 | 84.54 |
| 7109 | BW K OFFSET | 110 | 106 | 9 | 199225 | 96.36 |
| | | | 106 | 9 | 199225 | 96.36 |
| 712[illegible] | B W K OFFSET - ANTIQUE | 122 | 105 | 2 | 9180 | 86.06 |
| | | | 105 | 2 | 9180 | 86.06 |
| 7122 | B W K OFFSET - ANTIQUE | 110 | 120 | 1 | 19880 | 109.09 |
| | | 110 | 115 | 4 | 39450 | 104.54 |
| | | 110 | 102 | 3 | 66380 | 92.72 |
| | | 110 | 97 | 1 | 28260 | 88.18 |
| | | | 107 | 9 | 149970 | 96.83 |
| 7123 | BW K OFFSET - ANTIQUE | 110 | 95 | 1 | 8850 | 86.36 |
| | | | 95 | 1 | 8850 | 86.36 |
| 7124 | B W K OFFSET ANTIQUE | 110 | 122 | 3 | 59480 | 110.90 |
| | | 110 | 104 | 4 | 22240 | 94.54 |
| | | 110 | 100 | 1 | 10080 | 90.90 |
| | | | 115 | 8 | 91800 | 104.74 |
| 712[illegible] | BW K OFFSET - ANTIQUE | 110 | 114 | 1 | 22140 | 103.63 |
| | | 110 | 105 | 3 | 22360 | 95.45 |
| | | | 109 | 4 | 44500 | 99.52 |
| 7202 | RAVENSWOOD OPAQUE | 110 | 114 | 2 | 51840 | 103.63 |
| | | 110 | 105 | 6 | 155650 | 95.45 |
| | | | 107 | 8 | 207490 | 97.49 |
| 7204 | RAVENSWOOD OPAQUE | 110 | 105 | 5 | 37485 | 95.45 |
| | | | 105 | 5 | 37485 | 95.45 |
| 7205 | RAVENSWOOD OPAQUE | 110 | 117 | 2 | 20000 | 106.36 |
| | | 110 | 107 | 1 | 12110 | 97.27 |
| | | | 113 | 3 | 32110 | 102.93 |
| 9607 | TRIAL RUNS | | 68 | 4 | | |
| | | | | 4 | | |
| | | | 107 | 205 | 3930455 | 97.08 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT = BS | 104 | 112 | 2 | 32770 | 107.69 |
| | | | 104 | 111 | 2 | 4900 | 106.73 |
| | | | 104 | 108 | 1 | 28280 | 103.84 |
| | | | | 110 | 5 | 65950 | 105.97 |
| | 209 | LAUREL TEXT A.S. | 104 | 109 | 1 | 13660 | 104.80 |
| | | | | 109 | 1 | 13660 | 104.80 |
| | 271 | TYPE IV BASE STOCK DRY TUN | 104 | 107 | 2 | 65290 | 102.88 |
| | | | | 107 | 2 | 65290 | 102.88 |
| | 274 | TYPE 904-B A.S. | 110 | 100 | 3 | 37870 | 90.90 |
| | | | | 100 | 3 | 37870 | 90.90 |
| | 276 | TYPE IV L OT BLADE BASE | 124 | 118 | 18 | 555640 | 95.1[illegible] |
| | | | 124 | 112 | 1 | 16920 | 90.32 |
| | | | | 118 | 19 | 572560 | 95.02 |
| | 291 | A P WALLPAPER BASE | 123 | 123 | 2 | 27020 | 100.00 |
| | | | | 123 | 2 | 27020 | 100.00 |
| | 1203 | A.M. PRIDE | 121 | 97 | 1 | 10631 | 80.1[illegible] |
| | | | | 97 | 2 | 10630 | 80.16 |
| | 1205 | A.M. PRIDE | 110 | 107 | 9 | 199710 | 97.27 |
| | | | 110 | 105 | 6 | 128030 | 95.45 |
| | | | 110 | 98 | 2 | 32760 | 89.09 |
| | | | 110 | 93 | 1 | 11000 | 84.54 |
| | | | | 105 | 18 | 371500 | 95.54 |
| | 1210 | GENERIC OFFSET | 110 | 114 | 2 | 44730 | 103.63 |
| | | | 110 | 113 | 1 | 4060 | 102.72 |
| | | | 110 | 108 | 2 | 12280 | 98.18 |
| | | | 110 | 105 | 2 | 3720 | 95.45 |
| | | | 110 | 103 | 2 | 70410 | 93.63 |
| | | | 110 | 102 | 1 | 41160 | 92.72 |
| | | | | 106 | 10 | 176360 | 96.52 |
| | 1533 | WHITE SPEC K OFFSET | 106 | 116 | 2 | 18080 | 109.43 |
| | | | 106 | 110 | 1 | 13050 | 103.77 |
| | | | | 113 | 3 | 31130 | 107.34 |
| | 1659 | WHITE SPEC K OFFSET | 110 | 106 | 2 | 33180 | 96.45 |
| | | | 110 | 104 | 1 | 12390 | 94.54 |
| | | | | 105 | 3 | 45570 | 95.20 |
| | 1702 | J UPACIFIED OFFSET | 105 | 117 | 6 | 194070 | 111.47 |
| | | | 105 | 114 | 3 | 49660 | 108.57 |
| | | | 105 | 105 | 1 | 2920 | 100.00 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| | | 105 | 104 | 2 | 19010 | 99.04 |
| | | | 115 | 12 | 265680 | 109.88 |
| 1800 | PRIDE OPAQUE | 110 | 115 | 3 | 40650 | 104.54 |
| | | 110 | 114 | 1 | 3180 | 103.63 |
| | | | 115 | 4 | 43830 | 104.47 |
| 1805 | ALLIED PRIDE | 110 | 117 | 1 | 13480 | 106.36 |
| | | 110 | 107 | 4 | 45980 | 97.27 |
| | | | 109 | 5 | 59460 | 99.33 |
| 1810 | BW PRIDE OPAQUE | 110 | 113 | 2 | 28160 | 102.72 |
| | | | 113 | 2 | 28160 | 102.72 |
| 1812 | BW PRIDE OPAQU | 110 | 105 | 2 | 41600 | 95.45 |
| | | | 105 | 2 | 41600 | 95.45 |
| 1840 | SPEC ALLIED PRIDE | 110 | 118 | 1 | 10260 | 107.27 |
| | | | 118 | 1 | 10260 | 107.27 |
| 2504 | SOLITUDE OPAQUE | 110 | 116 | 1 | 17080 | 105.45 |
| | | | 116 | 1 | 17080 | 105.45 |
| 2507 | SOLITUDE OPAQUE | 110 | 114 | 1 | 20740 | 103.63 |
| | | | 114 | 1 | 20740 | 103.63 |
| 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 96 | 1 | 6160 | 91.42 |
| | | | 96 | 1 | 6160 | 91.42 |
| 2536 | I H M MANUAL | 110 | 105 | 13 | 299730 | 95.45 |
| | | | 105 | 13 | 299730 | 95.45 |
| 2902 | DICKENS OFFSET | 110 | 105 | 3 | 79710 | 95.45 |
| | | 110 | 102 | 6 | 159050 | 92.72 |
| | | | 103 | 9 | 238760 | 93.63 |
| 3502 | SCHOOL CUTE | 105 | 92 | 3 | 44400 | 87.61 |
| | | | 92 | 3 | 44400 | 87.61 |
| 7100 | K WHITE OFFSET | 110 | 119 | 1 | | 108.18 |
| | | 110 | 117 | 1 | 7540 | 106.36 |
| | | 110 | 111 | 1 | 4390 | 100.90 |
| | | 110 | 102 | 1 | 8090 | 92.72 |
| | | | 110 | 4 | 20020 | 99.65 |
| 7101 | K WHITE OFF ET | 110 | 115 | 2 | 16480 | 104.54 |
| | | 110 | 105 | 2 | 35680 | 95.45 |
| | | 110 | 101 | 3 | 23500 | 91.81 |
| | | 110 | 100 | 2 | 40840 | 90.90 |

SD 85961

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 104 | 9 | 116500 | 94.41 |
| | 7102 | K WHITE OFFSET | 110 | 121 | 2 | 32180 | 110.00 |
| | | | 110 | 115 | 1 | 4380 | 104.54 |
| | | | 110 | 112 | 2 | 46440 | 101.81 |
| | | | 110 | 110 | 2 | 40180 | 100.00 |
| | | | 110 | 105 | 12 | 263040 | 95.45 |
| | | | 110 | 103 | 9 | 270990 | 93.63 |
| | | | 110 | 102 | 1 | 24560 | 92.72 |
| | | | | 106 | 29 | 681740 | 96.07 |
| | 7104 | K WHITE OFFSET | 110 | 120 | 2 | 18830 | 109.09 |
| | | | 110 | 117 | 2 | 41960 | 106.36 |
| | | | 110 | 115 | 2 | 83230 | 104.54 |
| | | | 110 | 109 | 4 | 66810 | 99.09 |
| | | | 110 | 103 | 2 | 20340 | 93.63 |
| | | | 110 | 101 | 2 | 25290 | 91.81 |
| | | | | 112 | 14 | 256460 | 101.63 |
| | 7105 | K WHITE OFFSET | 105 | 120 | 1 | 24720 | 114.28 |
| | | | | 120 | 1 | 24720 | 114.28 |
| | 7120 | U W K OFFSET - ANTIQUE | 110 | 103 | 3 | 47350 | 95.45 |
| | | | | 105 | 3 | 47350 | 95.45 |
| | 7122 | U W K OFFSET - ANTIQUE | 110 | 107 | 1 | 20390 | 97.27 |
| | | | | 107 | 1 | 20390 | 97.27 |
| | 7123 | UW K OFFSET - ANTIQUE | 110 | 105 | 2 | 10680 | 95.45 |
| | | | 110 | 104 | 1 | 10560 | 94.54 |
| | | | | 105 | 3 | 21240 | 95.00 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 107 | 2 | 42590 | 97.27 |
| | | | | 107 | 2 | 42590 | 97.27 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 110 | 2 | 29990 | 100.00 |
| | | | 110 | 100 | 1 | 7680 | 90.90 |
| | | | | 108 | 3 | 37670 | 98.14 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 105 | 1 | 8280 | 95.45 |
| | | | | 105 | 1 | 8280 | 95.45 |
| | 9029 | SATURATED GRAVURE BASE | 123 | 120 | 2 | 22080 | 97.56 |
| | | | 123 | 107 | 1 | 10100 | 86.99 |
| | | | | 116 | 3 | 32980 | 94.32 |
| | 9030 | SATURATED VELLUM BASE | 123 | 116 | 5 | 123760 | 94.30 |
| | | | | 116 | 5 | 123760 | 94.30 |

853962 SA

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| M | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 9600 | TRIAL RUNS | | 120 | 1 | | |
| | | | | 119 | 3 | | |
| | | | | 118 | 5 | | |
| | | | | 110 | 2 | | |
| | | | | | 11 | | |
| | | | | 109 | 211 | 3927190 | 97.54 |

85X963

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 03.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 109 | 1 | 29415 | 106.86 |
| | | | 102 | 108 | 1 | 5638 | 105.88 |
| | | | 102 | 105 | 7 | 33686 | 102.94 |
| | | | | 107 | 9 | 68736 | 104.86 |
| | 805 | LAUREL TEXT | 102 | 107 | 2 | 50568 | 104.90 |
| | | | | 107 | 2 | 50568 | 104.90 |
| | 871 | MASTERBASE TYPE V LTHW-S | 102 | 104 | 13 | 54090 | 101.96 |
| | | | | 104 | 13 | 54090 | 101.96 |
| | 874 | TYPE 904-U | 102 | 100 | 4 | | 98.03 |
| | | | 102 | 98 | 3 | 34032 | 96.07 |
| | | | | 98 | 7 | 34032 | 96.07 |
| | 876 | MASTERBASE TYPE IV OT | 102 | 115 | 58 | 261002 | 112.74 |
| | | | 102 | 110 | 1 | 24267 | 107.84 |
| | | | 102 | 107 | 10 | 67247 | 104.90 |
| | | | | 113 | 69 | 382916 | 110.91 |
| | 9600 | TRIAL RUNS | | 116 | 4 | | |
| | | | | 115 | 22 | | |
| | | | | 107 | 1 | | |
| | | | | | 3 | | |
| | | | | | 30 | | |
| | | | | 110 | 130 | 559942 | 107.86 |

618G

FEBRUARY 1985

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | 4.6 | 92.93 | 11422 |
| | | | | 29.3 | 105.49 | 108292 |
| | | | | ~~14.3~~ | ~~100.00~~ | ~~37577~~ |
| | | | | 1.8 | 94.02 | 99113 |
| | | | | 22.6 | 99.01 | 58225 |
| *5 | | 811 | T | 13.8 | 97.13 | 37800 |
| | | | | ~~6.0~~ | ~~102.67~~ | ~~23351~~ |
| 6 | 79500 + 3397070 | 1738 | | 13.3 | 89.56 | 42732 |
| | | | | 16.5 | 102.86 | 47314 |
| 7 | 21450 + 2224385 | 1123 | | 3.3 | 67.92 | 5808 |
| | | | | ~~53.0~~ | ~~86.30~~ | ~~85039~~ |
| 8 | | 1747 | | 11.1 | 87.12 | 27812 |
| | | | | 57.3 | 102.47 | 172034 |
| | | | | ~~30.1~~ | ~~97.80~~ | ~~119684~~ |
| | | | | 3.6 | 98.18 | 11509 |
| 9 | 15380 + 2752970 | 1385 | | 14.3 | 104.00 | 41741 |
| | | | | 32.8 | 96.71 | 59458 |
| | | | | ~~73.3~~ | ~~102.39~~ | ~~152225~~ |
| 17 | 29749 + 634193 | 332 | | 8.6 | 109.09 | 22016 |
| | | | | 56.1 | 106.62 | 167518 |
| | | | | ~~13.4~~ | ~~98.77~~ | ~~39114~~ |
| | | | | 18.7 | 103.55 | 66375 |
| | | | | 17.7 | 102.16 | 57848 |
| | | | | 14.5 | 103.39 | 57403 |
| | | | | ~~12.2~~ | ~~103.98~~ | ~~41250~~ |
| | | | | 92.2 | 98.83 | 1592660 |
| | | | | 1.4 | 52.66 | 8120 |
| URS 5 | 592.2 | 592 | URS | 17.2 | 106.61 | 125004 |
| | | | | ~~2.9~~ | ~~102.05~~ | ~~20575~~ |
| 6 | 17.5 + 5667 | 584 | | 8.5 | 103.03 | 48790 |
| | | | | 2.6 | 36.36 | 11691 |
| | | | | ~~7.2~~ | ~~91.33~~ | ~~41381~~ |
| 7 | 8.4 + 5903 | 599 | | 8.1 | 36.82 | 58287 |
| | | | | 2.6 | 91.50 | 20020 |
| 8 | 615.5 | 616 | | ~~2.8~~ | ~~96.45~~ | ~~20854~~ |
| | | | | 70.3 | 105.92 | 1094174 |
| 9 | 9.0 555.1 | 564 | | 5.3 | 103.25 | 38880 |
| 17 | 272 161.1 | 188 | | | | |

# L I E D P A P E R I N C.
## PRODUCTION SYSTEM
## BY GRADE THRU WEEK 4 OF MONTH 02,1985

| | CASES WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MA EFF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 30.00 | 1100 | BW RAMTEXT NEW SHAD | | | | | | 6372 | 6372- | | |
| 5 | 30.00 | 1203 | A.M. PRIDE | 5.4 | 4.6 | 92.93 | 11422 | 10140 | 950 | 9190 | 80.46 | |
| 5 | 50.00 | 1208 | A.M. PRIDE | 30.3 | 29.3 | 105.49 | 108292 | 101460 | | 101460 | 93.69 | |
| 5 | 28.00 | 1228 | CUSTOM OFFSET | 15.6 | 14.3 | 100.00 | 37577 | 38570 | 2990 | 35580 | 94.69 | |
| 5 | 22.00 | 1400 | CW BRITISH OPAQUE - | 48.5 | 41.8 | 94.02 | 99113 | 102360 | | 102360 | 103.28 | |
| 5 | 25.00 | 1401 | BRITISH OPAQUE - SE | 24.9 | 22.6 | 99.01 | 58225 | 47340 | | 47340 | 81.31 | |
| 5 | 30.00 | 1800 | PRICE OPAQUE | 15.5 | 13.8 | 97.13 | 37800 | 40430 | | 40430 | 106.96 | |
| 5 | 35.00 | 1805 | ALLIED PRIDE | 8.5 | 8.0 | 102.67 | 23351 | 25620 | | 25620 | 109.72 | |
| 5 | 40.00 | 1810 | BW PRIDE OPAQUE | 16.2 | 13.3 | 89.56 | 42732 | 42880 | | 42880 | 100.35 | |
| 5 | 33.00 | 1833 | B W SPECIAL PRIDE | 17.5 | 16.5 | 102.86 | 47314 | 51210 | | 51210 | 108.23 | |
| 5 | 20.00 | 2000 | BRITE LITE THIN | 5.3 | 3.3 | 67.92 | 5808 | | | | | |
| 5 | 19.00 | 2019 | BRITE LITE THIN | 67.0 | 53.0 | 86.30 | 85039 | 88660 | | 88660 | 104.26 | |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL B | | | | | | | | | |
| 5 | 26.00 | 2236 | WHITE IMPERIAL BIBL | 13.9 | 11.1 | 87.12 | 27812 | 27420 | | 27420 | 98.59 | |
| 5 | 35.00 | 2241 | LAWYERS OFFSET | 61.0 | 57.3 | 102.47 | 172034 | 173850 | 1130 | 172720 | 100.40 | |
| 5 | 35.00 | 2487 | SHAKESPEARE THIN | 42.5 | 38.1 | 97.80 | 119684 | 119730 | | 119730 | 100.04 | |
| 5 | 35.00 | 2504 | SOLITUDE OPAQUE | 4.0 | 3.6 | 98.18 | 11509 | 11350 | | 11350 | 98.62 | |
| 5 | 35.00 | 2514 | INTERNATIONAL HARVE | 15.0 | 14.3 | 104.00 | 41741 | 44030 | | 44030 | 105.48 | |
| 5 | 20.00 | 2540 | A P LIGHT WEIGHT | 37.0 | 32.8 | 96.71 | 59458 | 61630 | 1170 | 60460 | 101.69 | |
| 5 | 22.00 | 2542 | A P LIGHT WEIGHT | 78.1 | 73.3 | 102.39 | 152225 | 154860 | 2240 | 152620 | 100.26 | |
| 5 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 8.6 | 8.6 | 109.09 | 22016 | 24250 | | 24250 | 110.15 | |
| 5 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 57.4 | 56.1 | 106.62 | 167518 | 187280 | 5690 | 181590 | 108.40 | |
| 5 | 26.00 | 2549 | A.P. LIGHTWEIGHT | | | | | | | | | |
| 5 | 35.00 | 3836 | WHITE BOOK-LITE | 14.8 | 13.4 | 98.77 | 39114 | 43020 | | 43020 | 109.99 | |
| 5 | 40.00 | 7100 | K WHITE OFFSET | 19.7 | 18.7 | 103.55 | 66375 | 60680 | 3880 | 56800 | 85.57 | |
| 5 | 45.00 | 7101 | K WHITE OFFSET | 18.9 | 17.7 | 102.16 | 57848 | 65110 | 1050 | 64060 | 110.74 | |
| 5 | 50.00 | 7102 | K WHITE OFFSET | 15.3 | 14.5 | 103.39 | 57403 | 56610 | 490 | 56120 | 97.76 | |
| 5 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 12.8 | 12.2 | 103.98 | 41250 | 43240 | | 43240 | 104.82 | |
| | 32.91 | | MACH TOTAL 1.09091 | 653.7 | 592.2 | 98.83 | 1592660 | 1621730 | 25962 | 1595768 | 100.20 | 99 |
| 6 | 30.00 | 1100 | BW RAMTEXT NEW SHAD | | | | | 411 | 2038 | 2038- | | |
| 6 | 40.00 | 1206 | SPEC A.M. PRIDE | | | | | | 8860 | 8860- | | |
| 6 | 45.00 | 1207 | A 7 PRIDE | 2.9 | 1.4 | 52.66 | 8120 | 8500 | | 8500 | 104.68 | |
| 6 | 50.00 | 1208 | A.M. PRIDE | 17.6 | 17.2 | 106.61 | 125004 | 133880 | | 133880 | 107.10 | |
| 6 | 55.00 | 1209 | A.M. PRIDE | 3.1 | 2.9 | 102.05 | 20575 | 22120 | | 22120 | 107.51 | |
| 6 | 35.00 | 1805 | ALLIED PRIDE | | | | | | 2380 | 2380- | | |
| 6 | 40.00 | 1810 | BW PRIDE OPAQUE | 9.0 | 8.5 | 103.03 | 48790 | 41670 | | 41670 | 85.41 | |
| 6 | 30.00 | 2503 | SOLITUDE OPAQUE | 7.8 | 2.6 | 36.36 | 11691 | 3980 | | 3980 | 34.04 | |
| 6 | 40.00 | 2535 | MANUAL OFFSET | 8.6 | 7.2 | 91.33 | 41381 | 42140 | | 42140 | 101.83 | |
| 6 | 50.00 | 2536 | I B M MANUAL | 24.0 | 8.1 | 36.82 | 58287 | 44920 | | 44920 | 77.07 | |
| 6 | 60.00 | 2537 | MANUAL OFFSET M.F. | | | | | | | | | |
| 6 | 55.00 | 2903 | DICKENS OFFSET | 3.1 | 2.6 | 91.50 | 20020 | 21770 | | 21770 | 108.74 | |
| 6 | 60.00 | 2904 | DICKENS OFFSET | 3.2 | 2.8 | 95.45 | 20864 | 19080 | | 19080 | 91.49 | |
| 6 | 50.00 | 3042 | BW RD OFFSET ANT. | 175.4 | 170.3 | 105.92 | 1094174 | 1116990 | | 1116990 | 102.09 | |
| 6 | 66.00 | 3066 | KNAPP COCKBOOK OPAQ | | | | | | | | | |
| 6 | 80.00 | 3400 | END LEAF OFFSET - H | 5.6 | 5.3 | 103.25 | 38880 | 40880 | 5140 | 35740 | 91.92 | |

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-O | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.00 | 7101 | K WHITE OFFSET | 6.8 | 6.2 | 99.47 | 40275 | 38280 | | 38280 | 95.05 | |
| 50.00 | 7102 | K WHITE OFFSET | 80.7 | 71.0 | 95.98 | 503219 | 493160 | 4100 | 489060 | 97.19 | |
| 55.00 | 7103 | K WHITE OFFSET | 2.2 | 1.1 | 54.55 | 8288 | 10320 | | 10320 | 124.52 | |
| 60.00 | 7104 | K WHITE OFFSET | 8.0 | 8.0 | 109.09 | 58094 | 24010 | 5320 | 18690 | 32.17 | |
| 40.00 | 7120 | B W K OFFSET - ANTI | 18.4 | 17.6 | 104.35 | 101024 | 92530 | | 92530 | 91.59 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 17.0 | 16.0 | 102.67 | 113252 | 110710 | | 110710 | 97.76 | |
| 55.00 | 7123 | BW K OFFSET - ANTIQ | 10.2 | 8.2 | 87.70 | 64096 | 64520 | | 64520 | 100.66 | |
| 60.00 | 7124 | B W K OFFSET ANTIQU | 5.7 | 5.1 | 97.61 | 37744 | 40990 | | 40990 | 108.60 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 55.5 | 51.1 | 100.44 | 367015 | 334750 | 5020 | 329730 | 89.84 | |
| 60.00 | 7204 | RAVENSWOOD OPAQUE | 3.4 | 2.8 | 89.84 | 18471 | 20700 | | 20700 | 112.07 | |
| 29.50 | 9001 | DUPONT PAPER (BLUE) | 58.7 | 56.1 | 104.26 | 235796 | 269120 | 1700 | 267420 | 113.41 | |
| 29.50 | 9010* | BLUE GREEN DUPONT P | 107.0 | 94.6 | 96.45 | 369614 | 402050 | | 402050 | 108.78 | |
| 29.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| 48.42 | | MACH SUBTOTAL | 526.9 | 472.1 | 97.75 | 3035050 | 2995020 | 34558 | 2960462 | 97.54 | 95.34 |
| 29.50 | | *MACH SUBTOTAL | 107.0 | 94.6 | 96.45 | 369614 | 402050 | | 402050 | 108.78 | 104.91 |
| 46.18 | | MACH TOTAL 1.09091 | 633.9 | 566.7 | 97.53 | 3404664 | 3397070 | 34558 | 3362512 | 98.76 | 96.32 |
| 42.97 | | MILL C SUBTOTAL | 1180.6 | 1064.3 | 98.34 | 4627710 | 4616750 | 60520 | 4556230 | 98.46 | 96.83 |
| 29.50 | | *MILL C SUBTOTAL | 107.0 | 94.6 | 96.45 | 369614 | 402050 | | 402050 | 108.78 | 104.91 |
| 41.89 | | MILL C TOTAL | 1287.6 | 1158.9 | 98.19 | 4997324 | 5018800 | 60520 | 4958280 | 99.22 | 97.42 |
| 30.00 | 1100 | BW RAMTEXT NEW SHAD | 91.2 | 87.3 | 104.43 | 361422 | 409230 | 1560 | 407670 | 112.80 | |
| 50.00 | 1208 | A.M. PRIDE | 10.4 | 8.6 | 90.21 | 52838 | 46530 | | 46530 | 88.06 | |
| 60.00 | 1210 | GENERIC OFFSET | 3.5 | 3.5 | 109.09 | 22295 | 22000 | | 22000 | 98.68 | |
| 50.00 | 1533 | WHITE SPEC K OFFSET | 4.7 | 4.5 | 104.45 | 26136 | 29770 | | 29770 | 113.90 | |
| 30.00 | 1800 | PRIDE OPAQUE | | | | | | 3300 | 3300- | | |
| 30.00 | 1840 | SPEC ALLIED PRIDE | 15.4 | 12.7 | 89.96 | 47070 | 53480 | 1180 | 52300 | 111.11 | |
| 25.00 | 2003 | BRITE LITE THIN | 18.5 | 14.1 | 83.15 | 46824 | 47190 | | 47190 | 100.78 | |
| 21.00 | 2009 | ROYAL LITE | 38.4 | 33.9 | 96.31 | 78104 | 71540 | | 71540 | 91.60 | |
| 25.00 | 2200 | IMPERIAL BIBLE | 35.6 | 34.6 | 106.03 | 108946 | 111500 | | 111500 | 102.34 | |
| 28.00 | 2201 | IMPERIAL BIBLE | | | | | | | | | |
| 35.00 | 2204 | IMPERIAL BIBLE | 12.3 | 11.8 | 104.66 | 53467 | 60140 | | 60140 | 112.48 | |
| 20.00 | 2225 | KINGSPORT 80 BIBLE | 174.5 | 158.3 | 98.96 | 330525 | 368880 | 3510 | 365370 | 110.54 | |
| 25.00 | 2501 | SOLITUDE OPAQUE | 9.9 | 8.2 | 90.36 | 19768 | 19860 | | 19860 | 100.47 | |
| 35.00 | 2522 | SPECIAL SOLITUDE OP | 29.4 | 28.3 | 105.01 | 126228 | 130880 | | 130880 | 103.69 | |
| 21.00 | 2541 | A P LIGHTWEIGHT TY | 40.7 | 34.9 | 93.54 | 85768 | 59040 | | 59040 | 68.84 | |
| 30.00 | 2543 | A.P. LIGHTWEIGHT | 24.6 | 21.6 | 95.79 | 88005 | 87930 | | 87930 | 99.91 | |
| 30.00 | 3830 | WHITE BOOKLITE | 33.1 | 31.6 | 104.15 | 118600 | 140480 | 2300 | 138180 | 116.61 | |
| 40.00 | 7100 | K WHITE OFFSET | 41.9 | 39.1 | 101.80 | 211256 | 207100 | | 207100 | 98.03 | |
| 50.00 | 7102 | K WHITE OFFSET | 25.5 | 24.1 | 103.10 | 152471 | 154995 | | 154995 | 101.66 | |
| 40.00 | 7200 | RAVENSWOOD OPAQUE | 18.3 | 17.5 | 104.32 | 93220 | 106760 | | 106760 | 114.52 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 11.8 | 11.3 | 104.47 | 68222 | 70280 | | 70280 | 103.02 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 4.2 | 4.4 | 97.96 | 25977 | 26800 | | 26800 | 103.17 | |
| 40.00 | 9600 | TRIAL RUNS | | | | | | | | | |

1699

SD 8539867

REPORT: R4PS7610 — SCM ALLIED PAPER INC. — PAGE 3
RUN DATE: 02/26/85 — DAILY PRODUCTION SYSTEM
RUN TIME: 112851 — PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.34 | | MACH TOTAL 1.09091 | 644.6 | 590.3 | 99.90 | 2117042 | 2224385 | 11850 | 2212535 | 104.51 | 104.41 |
| 68.50 | 291* | A P WALLPAPER BASE | | | | | | 15320 | 15320- | | |
| 45.00 | 1510 | WHITE SPEC K OFFSET | 4.3 | 3.9 | 98.94 | 20163 | 21990 | | 21990 | 109.06 | |
| 50.00 | 1533 | WHITE SPEC K OFFSET | 49.5 | 45.0 | 99.17 | 252954 | 269655 | 670 | 268985 | 106.34 | |
| 60.00 | 1559 | WHITE SPEC K OFFSET | 11.4 | 10.6 | 101.44 | 64657 | 66750 | | 66750 | 103.24 | |
| 50.00 | 1702 | J OPACIFIED OFFSET | 28.7 | 26.1 | 99.21 | 150820 | 162730 | | 162730 | 107.90 | |
| 35.00 | 1805 | ALLIED PRIDE | 19.6 | 19.6 | 109.09 | 69241 | 76400 | | 76400 | 110.34 | |
| 45.00 | 1901 | TENNYSON-OFFSET | 2.2 | 2.1 | 104.13 | 10462 | 10140 | | 10140 | 96.92 | |
| 43.00 | 2243 | LAWYERS OFFSET | 29.6 | 23.8 | 87.72 | 121522 | 139700 | | 139700 | 114.96 | |
| 33.00 | 2508 | SOLITUDE OPAQUE | 5.8 | 5.6 | 105.33 | 19639 | 22140 | | 22140 | 112.73 | |
| 50.00 | 2536 | I B M MANUAL | 10.0 | 8.6 | 93.82 | 47678 | 47280 | | 47280 | 99.17 | |
| 30.00 | 2543 | A.P. LIGHTWEIGHT | | | | | | | | | |
| 35.00 | 2545 | A.P. LIGHTWEIGHT | 11.9 | 10.1 | 92.59 | 38256 | 44510 | | 44510 | 116.35 | |
| 40.00 | 3000 | SUPERIOR OFFSET | 9.7 | 9.0 | 101.22 | 37260 | 38760 | | 38760 | 104.03 | |
| 40.00 | 7100 | K WHITE OFFSET | 24.6 | 22.8 | 101.11 | 97867 | 97460 | 1190 | 96270 | 98.37 | |
| 45.00 | 7101 | K WHITE OFFSET | 13.7 | 12.9 | 102.72 | 65959 | 71540 | | 71540 | 108.46 | |
| 50.00 | 7102 | K WHITE OFFSET | 212.1 | 203.0 | 104.41 | 1152406 | 1219320 | 2800 | 1216520 | 105.56 | |
| 60.00 | 7104 | K WHITE OFFSET | 44.1 | 41.4 | 102.41 | 235366 | 240940 | 3850 | 237090 | 100.73 | |
| 70.00 | 7105 | K WHITE OFFSET | 9.7 | 8.3 | 93.35 | 49970 | 48920 | 1280 | 47640 | 95.34 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 3.1 | 2.7 | 95.01 | 15854 | 15000 | | 15000 | 94.61 | |
| 55.00 | 7123 | BW K OFFSET - ANTIQ | 1.9 | 1.3 | 74.64 | 7316 | 10560 | | 10560 | 144.34 | |
| 60.00 | 7124 | B W K OFFSET ANTIQU | 8.9 | 8.5 | 104.19 | 47480 | 53010 | | 53010 | 111.65 | |
| 40.00 | 7200 | RAVENSWOOD OPAQUE | 32.5 | 30.9 | 103.72 | 142352 | 147730 | | 147730 | 103.78 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 78.7 | 77.7 | 107.70 | 412761 | 438580 | | 438580 | 106.26 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 35.2 | 34.2 | 105.99 | 189603 | 205590 | | 205590 | 108.43 | |
| 60.00 | 7204 | RAVENSWOOD OPAQUE | 7.8 | 7.4 | 103.50 | 41335 | 45630 | | 45630 | 110.39 | |
| 48.96 | | MACH SUBTOTAL | 655.0 | 615.5 | 102.51 | 3290921 | 3494335 | 9790 | 3484545 | 105.88 | 108.54 |
| | | *MACH SUBTOTAL | | | | | | 15320 | 15320- | | |
| 48.96 | | MACH TOTAL 1.09091 | 655.0 | 615.5 | 102.51 | 3290921 | 3494335 | 25110 | 3469225 | 105.42 | 108.07 |
| 38.00 | 203 | LAUREL TEXT - RS | 20.0 | 17.8 | 97.09 | 72302 | 84570 | | 84570 | 116.97 | |
| 48.00 | 205 | LAUREL TEXT R.S. | 9.4 | 6.8 | 78.92 | 36170 | 40270 | | 40270 | 111.34 | |
| 48.00 | 253 | HWT - NON BLEED R.S | 9.0 | 7.6 | 92.12 | 37380 | 40200 | 7978 | 32222 | 86.20 | |
| 55.00 | 274* | TYPE 904-B R.S. | 14.6 | 13.7 | 102.37 | 62743 | 67660 | | 67660 | 107.84 | |
| 60.00 | 276 | TYPE IV E DT BLADE | 98.5 | 90.6 | 100.34 | 470100 | 511370 | 18160 | 493210 | 104.92 | |
| 68.50 | 291* | A P WALLPAPER BASE | | | | | | 920 | 920- | | |
| 68.50 | 292 | AP WALLPAPER BASE | 1.0 | .5 | 54.55 | 2472 | 2800 | | 2800 | 113.27 | |
| 40.00 | 1206 | SPEC A.M. PRIDE | 30.0 | 27.8 | 101.09 | 127927 | 122350 | | 122350 | 95.64 | |
| 45.00 | 1207 | A 7 PRIDE | 4.0 | 2.3 | 62.73 | 11060 | 11270 | | 11270 | 101.90 | |
| 50.00 | 1208 | A.M. PRIDE | 57.3 | 52.2 | 99.38 | 282335 | 297080 | 2230 | 294850 | 104.43 | |
| 60.00 | 1210 | GENERIC OFFSET | 11.9 | 9.6 | 88.01 | 54358 | 56440 | | 56440 | 103.83 | |
| 60.00 | 1559 | WHITE SPEC K OFFSET | 5.7 | 5.3 | 101.44 | 29642 | 29980 | | 29980 | 101.14 | |
| 35.00 | 1805 | ALLIED PRIDE | 1.3 | 1.1 | 92.31 | 4166 | 4080 | | 4080 | 97.94 | |
| 40.00 | 1810 | BW PRIDE OPAQUE | | | | | | | | | |
| 30.00 | 1840 | SPEC ALLIED PRIDE | 49.3 | 40.8 | 90.28 | 142503 | 127510 | 850 | 126660 | 88.88 | |

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 33.00 | 2203 | IMPERIAL BIBLE | | | | | | 2320 | 2320- | | |
| 33.00 | 2406 | SHAKESPEARE THIN | | | | | | | | | |
| 40.00 | 2513 | IBM SUPERIOR OFFSET | 7.1 | 6.4 | 98.34 | 27552 | 30630 | | 30630 | 111.17 | |
| 50.00 | 2536 | I B M MANUAL | 26.4 | 20.5 | 84.71 | 111427 | 123500 | 870 | 122630 | 110.05 | |
| 40.00 | 7000 | CALENDAR PAD OFFSET | 34.0 | 31.1 | 99.79 | 145360 | 137960 | 1580 | 136380 | 93.82 | |
| 40.00 | 7100 | K WHITE OFFSET | 18.0 | 15.9 | 96.36 | 73461 | 76860 | | 76860 | 104.63 | |
| 45.00 | 7101 | K WHITE OFFSET | 38.9 | 32.2 | 90.30 | 157114 | 129830 | | 129830 | 82.63 | |
| 50.00 | 7102 | K WHITE OFFSET | 17.7 | 15.3 | 94.30 | 85504 | 90450 | 1300 | 89150 | 104.26 | |
| 60.00 | 7104 | K WHITE OFFSET | 15.0 | 14.4 | 104.73 | 77707 | 90540 | | 90540 | 116.51 | |
| 40.00 | 7120 | B W K OFFSET - ANTI | 3.6 | 3.5 | 106.06 | 14924 | 17340 | | 17340 | 116.19 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 7.5 | 6.8 | 98.91 | 38353 | 38570 | | 38570 | 100.57 | |
| 40.00 | 7200 | RAVENSWOOD OPAQUE | 99.5 | 92.4 | 101.31 | 404884 | 402890 | 2710 | 400180 | 98.84 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 16.5 | 14.0 | 92.56 | 66959 | 74060 | 1270 | 72790 | 108.71 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 15.7 | 14.0 | 97.28 | 75127 | 80410 | | 80410 | 107.03 | |
| 60.00 | 7204 | RAVENSWOOD OPAQUE | 7.0 | 5.7 | 88.83 | 31841 | 36390 | | 36390 | 114.29 | |
| 68.50 | 9029* | SATURATED GRAVURE B | 4.5 | 2.9 | 70.30 | 12474 | 9150 | | 9150 | 73.35 | |
| 68.50 | 9030* | SATURATED VELLUM BA | 6.6 | 3.9 | 64.46 | 18500 | 19810 | 22285 | 2475- | 13.38- | |
| 60.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| 47.95 | | MACH SUBTOTAL | 604.3 | 534.6 | 96.51 | 2580628 | 2657350 | 39268 | 2618082 | 101.45 | 97.91 |
| 59.05 | | *MACH SUBTOTAL | 25.7 | 20.5 | 87.02 | 93717 | 96620 | 23205 | 73415 | 78.34 | 68.17 |
| 48.34 | | MACH TOTAL 1.09091 | 630.0 | 555.1 | 96.12 | 2674345 | 2753970 | 62473 | 2691497 | 100.64 | 96.74 |
| 44.23 | | MILL D SUBTOTAL | 1963.9 | 1749.4 | 99.72 | 7988591 | 8376070 | 60908 | 8315162 | 104.09 | 103.80 |
| 59.05 | | *MILL D SUBTOTAL | 25.7 | 20.5 | 87.02 | 93717 | 96620 | 38525 | 58095 | 61.99 | 53.94 |
| 44.40 | | MILL D TOTAL | 1929.6 | 1760.9 | 99.55 | 8082308 | 8472690 | 99433 | 8373257 | 103.60 | 103.14 |
| 43.78 | | BOOK MILL SUBTOT | 3084.5 | 2804.7 | 99.20 | 12616301 | 12992820 | 121428 | 12871392 | 102.02 | 101.20 |
| 35.22 | | *BOOK MILL SUBTOT | 132.7 | 115.1 | 94.62 | 463331 | 498670 | 38525 | 460145 | 99.31 | 93.97 |
| 43.47 | | BOOK MILL TOTAL | 3217.2 | 2919.8 | 99.01 | 13079632 | 13491490 | 159953 | 13331537 | 101.93 | 100.91 |
| 50.00 | 803 | LAUREL TEXT | 12.5 | 9.7 | 88.69 | 84411 | 69724 | | 69724 | 82.60 | |
| 43.00 | 812 | LAUREL TEXT | | | | | | | | | |
| 55.00 | 853 | H W MASTER - NON RL | 8.0 | 6.2 | -74.29 | 41271 | 30868 | 700 | 30168 | 73.10 | |
| 78.00 | 874* | TYPE 904-B | 22.3 | 20.6 | 105.57 | 51550 | 61636 | | 61636 | 119.57 | |
| 87.50 | 876 | MASTERBASE TYPE IV | 142.5 | 125.6 | 100.73 | 531634 | 471965 | 400 | 471565 | 88.70 | |
| 87.50 | 881* | MASTERBASE TYPE IV | | | | | | | | | |
| 87.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| 81.18 | | BLADE SUBTOTAL | 163.0 | 140.5 | 98.51 | 657316 | 572557 | 1100 | 571457 | 86.94 | 85.64 |
| 78.00 | | *BLADE SUBTOTAL | 22.3 | 20.6 | 105.57 | 51550 | 61636 | | 61636 | 119.57 | 126.23 |
| 80.87 | | BLADE COATER 1.14286 | 185.3 | 161.1 | 99.36 | 708866 | 634193 | 1100 | 633093 | 89.31 | 88.74 |
| 45.36 | | GRAND SUBTOTAL | 3247.5 | 2945.2 | 99.16 | 13273617 | 13565377 | 122528 | 13442849 | 101.27 | 100.43 |

S C M  A L L I E D  P A P E R  I N C.

DAILY PRODUCTION SYSTEM



PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MA EFF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39.93 | | *GRAND SUBTOTAL | 155.0 | 135.7 | 96.20 | 514881 | 560306 | 38525 | 521781 | 101.34 | 97. |
| 45.14 | | GRAND TOTAL | 3402.5 | 3080.9 | 99.03 | 13788498 | 14125683 | 161053 | 13964630 | 101.28 | 100. |

7062

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 02/26/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1203 | A.M. PRIDE | 640 | 570 | 1 | 10140 | 89.06 |
| | | | | 570 | 1 | 10140 | 89.06 |
| | 1208 | A.M. PRIDE | 500 | 540 | 4 | 84720 | 108.00 |
| | | | 500 | 710 | 1 | 16740 | 142.00 |
| | | | | 568 | 5 | 101460 | 113.61 |
| | 1228 | CUSTOM OFFSET | 660 | 700 | 4 | 38570 | 106.06 |
| | | | | 700 | 4 | 38570 | 106.06 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 710 | 710 | 7 | 102360 | 100.00 |
| | | | | 710 | 7 | 102360 | 100.00 |
| | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 680 | 700 | 1 | 4730 | 102.94 |
| | | | 680 | 720 | 3 | 42610 | 105.88 |
| | | | | 718 | 4 | 47340 | 105.59 |
| | 1800 | PRIDE OPAQUE | 640 | 700 | 3 | 40430 | 109.37 |
| | | | | 700 | 3 | 40430 | 109.37 |
| | 1805 | ALLIED PRIDE | 590 | 650 | 2 | 25620 | 110.16 |
| | | | | 650 | 2 | 25620 | 110.16 |
| | 1810 | BW PRIDE OPAQUE | 560 | 550 | 2 | 16160 | 98.21 |
| | | | 560 | 570 | 1 | 20910 | 101.78 |
| | | | 560 | 600 | 1 | 5810 | 107.14 |
| | | | | 567 | 4 | 42880 | 101.16 |
| | 1833 | B W SPECIAL PRIDE | 600 | 640 | 1 | 14310 | 106.66 |
| | | | 600 | 700 | 2 | 36900 | 116.66 |
| | | | | 683 | 3 | 51210 | 113.87 |
| | 2000 | BRITE LITE THIN | 710 | | 1 | | |
| | | | 710 | 700 | 1 | | 98.59 |
| | | | | | 2 | | |
| | 2019 | BRITE LITE THIN | 600 | 700 | 2 | 1960 | 116.66 |
| | | | 600 | 710 | 6 | 77530 | 118.33 |
| | | | 600 | 720 | 1 | 9170 | 120.00 |
| | | | | 711 | 9 | 88660 | 118.47 |
| | 2236 | WHITE IMPERIAL BIBLE | 670 | 700 | 2 | 27420 | 104.47 |
| | | | | 700 | 2 | 27420 | 104.47 |
| | 2241 | LAWYERS OFFSET | 590 | 550 | 1 | 12920 | 93.22 |
| | | | 590 | 600 | 7 | 160930 | 101.69 |
| | | | | 596 | 8 | 173850 | 101.06 |
| | 2407 | SHAKESPEARE THIN | 590 | 620 | 5 | 71760 | 105.08 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 590 | 650 | 3 | 47970 | 110.16 |
| | | | | 632 | 8 | 119730 | 107.12 |
| | 2504 | SOLITUDE OPAQUE | 590 | 630 | 1 | 11350 | 106.77 |
| | | | | 630 | 1 | 11350 | 106.77 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 590 | 570 | 3 | 44030 | 96.61 |
| | | | | 570 | 3 | 44030 | 96.61 |
| | 2540 | A P LIGHT WEIGHT | 710 | 620 | 1 | 1600 | 87.32 |
| | | | 710 | 700 | 1 | 13460 | 98.59 |
| | | | 710 | 740 | 3 | 46570 | 104.22 |
| | | | | 728 | 5 | 61630 | 102.55 |
| | 2542 | A P LIGHT WEIGHT | 710 | 700 | 1 | 2400 | 98.59 |
| | | | 710 | 710 | 11 | 152460 | 100.00 |
| | | | | 710 | 12 | 154860 | 99.98 |
| | 2543 | A.P. LIGHTWEIGHT | 640 | 700 | 2 | 24250 | 109.37 |
| | | | | 700 | 2 | 24250 | 109.37 |
| | 2545 | A.P. LIGHTWEIGHT | 590 | | 1 | | |
| | | | 590 | 600 | 4 | 43170 | 101.69 |
| | | | 590 | 610 | 3 | 55670 | 103.38 |
| | | | 590 | 620 | 4 | 86540 | 105.08 |
| | | | 590 | 630 | 1 | 1900 | 106.77 |
| | | | | 613 | 13 | 187280 | 103.81 |
| | 3835 | WHITE BOOK LITE | 590 | 630 | 3 | 43020 | 106.77 |
| | | | | 630 | 3 | 43020 | 106.77 |
| | 7100 | K WHITE OFFSET | 560 | 500 | 4 | 60680 | 89.28 |
| | | | | 500 | 4 | 60680 | 89.28 |
| | 7101 | K WHITE OFFSET | 520 | | 1 | | |
| | | | 520 | 550 | 1 | 4000 | 105.76 |
| | | | 520 | 560 | 4 | 61110 | 107.69 |
| | | | | 559 | 6 | 65110 | 107.57 |
| | 7102 | K WHITE OFFSET | 500 | 530 | 1 | 11720 | 106.00 |
| | | | 500 | 550 | 2 | 44890 | 110.00 |
| | | | | 546 | 3 | 56610 | 109.17 |
| | 7200 | RAVENSWOOD OPAQUE | 560 | 570 | 3 | 43240 | 101.78 |
| | | | | 570 | 3 | 43240 | 101.78 |
| | | | | 636 | 117 | 1621730 | 104.76 |

85 85972

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1207 | A 7 PRIDE | 740 | 730 | 1 | 8500 | 98.64 |
| | | | | 730 | 1 | 8500 | 98.64 |
| | 1208 | A.M. PRIDE | 730 | 720 | 1 | 9640 | 98.63 |
| | | | 730 | 750 | 4 | 124240 | 102.73 |
| | | | | 748 | 5 | 133880 | 102.43 |
| | 1209 | A.M. PRIDE | 710 | 720 | 2 | 22120 | 101.40 |
| | | | | 720 | 2 | 22120 | 101.40 |
| | 1810 | BW PRIDE OPAQUE | 750 | 750 | 2 | 41670 | 100.00 |
| | | | | 750 | 2 | 41670 | 100.00 |
| | 2503 | SOLITUDE OPAQUE | 770 | 750 | 2 | 3980 | 97.40 |
| | | | | 750 | 2 | 3980 | 97.40 |
| | 2535 | MANUAL OFFSET | 750 | 780 | 3 | 42140 | 104.00 |
| | | | | 780 | 3 | 42140 | 104.00 |
| | 2536 | I B M MANUAL | 730 | 720 | 1 | 5480 | 98.63 |
| | | | 730 | 730 | 3 | 39440 | 100.00 |
| | | | | 729 | 4 | 44920 | 99.83 |
| | 2903 | DICKENS OFFSET | 710 | 710 | 1 | 21770 | 100.00 |
| | | | | 710 | 1 | 21770 | 100.00 |
| | 2904 | DICKENS OFFSET | 630 | 660 | 1 | 19080 | 104.76 |
| | | | | 660 | 1 | 19080 | 104.76 |
| | 3042 | BW RD OFFSET ANT. | 730 | 750 | 5 | 230300 | 102.73 |
| | | | 730 | 780 | 18 | 886690 | 106.84 |
| | | | | 774 | 23 | 1116990 | 105.99 |
| | 3400 | END LEAF OFFSET -- HI OPAQUE | 470 | 500 | 2 | 40880 | 106.38 |
| | | | | 500 | 2 | 40880 | 106.38 |
| | 7101 | K WHITE OFFSET | 740 | 760 | 1 | 38280 | 102.70 |
| | | | | 760 | 1 | 38280 | 102.70 |
| | 7102 | K WHITE OFFSET | 730 | 730 | 4 | 124970 | 100.00 |
| | | | 730 | 740 | 3 | 57740 | 101.36 |
| | | | 730 | 750 | 8 | 305410 | 102.73 |
| | | | 730 | 760 | 1 | 5040 | 104.10 |
| | | | | 744 | 16 | 493160 | 101.89 |
| | 7103 | K WHITE OFFSET | 710 | 750 | 2 | 10320 | 105.63 |
| | | | | 750 | 2 | 10320 | 105.63 |
| | 7104 | K WHITE OFFSET | 630 | 650 | 2 | 24010 | 103.17 |

85373 SA

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 650 | 2 | 24010 | 103.17 |
| | 7120 | B W K OFFSET - ANTIQUE | 750 | 750 | 1 | 13180 | 100.00 |
| | | | 750 | 770 | 2 | 79350 | 102.66 |
| | | | | 767 | 3 | 92530 | 102.28 |
| | 7122 | B W K OFFSET - ANTIQUE | 730 | 720 | 1 | 7860 | 98.63 |
| | | | 730 | 730 | 2 | 41040 | 100.00 |
| | | | 730 | 750 | 1 | 21000 | 102.73 |
| | | | 730 | 780 | 2 | 40810 | 106.84 |
| | | | | 752 | 6 | 110710 | 102.94 |
| | 7123 | BW K OFFSET - ANTIQUE | 710 | 720 | 2 | 31620 | 101.40 |
| | | | 710 | 780 | 2 | 32900 | 109.85 |
| | | | | 751 | 4 | 64520 | 105.71 |
| | 7124 | B W K OFFSET ANTIQUE | 630 | 670 | 3 | 40990 | 106.34 |
| | | | | 670 | 3 | 40990 | 106.34 |
| | 7202 | RAVENSWOOD OPAQUE | 730 | 730 | 6 | 156530 | 100.00 |
| | | | 730 | 750 | 7 | 178220 | 102.73 |
| | | | | 741 | 13 | 334750 | 101.45 |
| | 7204 | RAVENSWOOD OPAQUE | 630 | 550 | 1 | 20700 | 87.30 |
| | | | | 550 | 1 | 20700 | 87.30 |
| | 9001 | DUPONT PAPER (BLUE) | 700 | | 2 | | |
| | | | 700 | 700 | 1 | 28970 | 100.00 |
| | | | 700 | 740 | 7 | 240150 | 105.71 |
| | | | | 736 | 10 | 269120 | 105.10 |
| | 9010 | BLUE GREEN DUPONT PAPER | 650 | 700 | 14 | 402050 | 107.69 |
| | | | | 700 | 14 | 402050 | 107.69 |
| | 9600 | TRIAL RUNS | | 700 | 1 | | |
| | | | | 740 | 1 | | |
| | | | | 750 | 7 | | |
| | | | | | 9 | | |
| | | | | 743 | 130 | 3397070 | 104.29 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1100 | BW RAMTEXT NEW SHADE EB | 750 | 790 | 12 | 409230 | 105.33 |
| | | | | 790 | 12 | 409230 | 105.33 |
| | 1208 | A.M. PRIDE | 680 | 720 | 2 | 46530 | 105.88 |
| | | | | 720 | 2 | 46530 | 105.88 |
| | 1210 | GENERIC OFFSET | 580 | | 1 | | |
| | | | 580 | 600 | 1 | 22000 | 103.44 |
| | | | | 600 | 2 | 22000 | 103.44 |
| | 1533 | WHITE SPEC K OFFSET | 680 | 710 | 3 | 29770 | 104.41 |
| | | | | 710 | 3 | 29770 | 104.41 |
| | 1840 | SPEC ALLIED PRIDE | 750 | 790 | 1 | 9800 | 105.33 |
| | | | 750 | 800 | 3 | 43680 | 106.66 |
| | | | | 798 | 4 | 53480 | 106.42 |
| | 2003 | BRITE LITE THIN | 740 | 800 | 4 | 47190 | 108.10 |
| | | | | 800 | 4 | 47190 | 108.10 |
| | 2009 | ROYAL LITE | 720 | 780 | 1 | 7840 | 108.33 |
| | | | 720 | 800 | 5 | 63700 | 111.11 |
| | | | | 798 | 6 | 71540 | 110.81 |
| | 2200 | IMPERIAL BIBLE | 740 | 820 | 1 | 14360 | 110.81 |
| | | | 740 | 860 | 2 | 56360 | 114.86 |
| | | | 740 | 900 | 2 | 40780 | 121.62 |
| | | | | 864 | 5 | 111500 | 116.81 |
| | 2204 | IMPERIAL-BIBLE | 750 | 800 | 2 | 60140 | 106.66 |
| | | | | 800 | 2 | 60140 | 106.66 |
| | 2225 | KINGSPORT 80 BIBLE | 720 | 780 | 1 | 19910 | 108.33 |
| | | | 720 | 800 | 12 | 223500 | 111.11 |
| | | | 720 | 810 | 1 | 10780 | 112.50 |
| | | | 720 | 820 | 5 | 51000 | 113.88 |
| | | | 720 | 830 | 1 | 14920 | 115.27 |
| | | | 720 | 850 | 3 | 48770 | 118.05 |
| | | | | 810 | 23 | 368880 | 112.47 |
| | 2501 | SOLITUDE OPAQUE | 740 | 800 | 2 | 19860 | 108.10 |
| | | | | 800 | 2 | 19860 | 108.10 |
| | 2522 | SPECIAL SOLITUDE OPAQUE | 750 | 780 | 4 | 94970 | 104.00 |
| | | | 750 | 800 | 2 | 35910 | 106.66 |
| | | | | 785 | 6 | 130880 | 104.73 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 720 | 740 | 1 | | 102.77 |
| | | | 720 | 800 | 6 | 59040 | 111.11 |

853975

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 800 | 7 | 59040 | 111.11 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 790 | 3 | 58520 | 105.33 |
| | | | 750 | 800 | 2 | 29410 | 106.66 |
| | | | | 793 | 5 | 87930 | 105.77 |
| | 3830 | WHITE BOOKLITE | 750 | 790 | 6 | 140480 | 105.33 |
| | | | | 790 | 6 | 140480 | 105.33 |
| | 7100 | K WHITE OFFSET | 740 | 740 | 4 | 82240 | 100.00 |
| | | | 740 | 750 | 6 | 124860 | 101.35 |
| | | | | 746 | 10 | 207100 | 100.81 |
| | 7102 | K WHITE OFFSET | 680 | | 1 | | |
| | | | 680 | 710 | 4 | 61120 | 104.41 |
| | | | 680 | 720 | 3 | 93875 | 105.88 |
| | | | | 716 | 8 | 154995 | 105.30 |
| | 7200 | RAVENSWOOD OPAQUE | 740 | 740 | 2 | 24720 | 100.00 |
| | | | 740 | 760 | 3 | 82040 | 102.70 |
| | | | | 755 | 5 | 106760 | 102.07 |
| | 7201 | RAVENSWOOD OPAQUE | 710 | 720 | 3 | 47960 | 101.40 |
| | | | 710 | 730 | 1 | 22320 | 102.81 |
| | | | | 723 | 4 | 70280 | 101.85 |
| | 7202 | RAVENSWOOD OPAQUE | 680 | 720 | 1 | 26800 | 105.88 |
| | | | | 720 | 1 | 26800 | 105.88 |
| | 9600 | TRIAL RUNS | | 550 | 2 | | |
| | | | | 590 | 1 | | |
| | | | | | 3 | | |
| | | | | 780 | 120 | 2224385 | 106.85 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1510 | WHITE SPEC K OFFSET | 750 | 760 | 2 | 21990 | 101.33 |
| | | | | 760 | 2 | 21990 | 101.33 |
| | 1533 | WHITE SPEC K OFFSET | 750 | 730 | 2 | 30560 | 97.33 |
| | | | 750 | 750 | 2 | 45510 | 100.00 |
| | | | 750 | 760 | 5 | 69065 | 101.33 |
| | | | 750 | 780 | 5 | 124520 | 104.00 |
| | | | | 764 | 14 | 269655 | 101.89 |
| | 1559 | WHITE SPEC K OFFSET | 630 | 650 | 4 | 66750 | 103.17 |
| | | | | 650 | 4 | 66750 | 103.17 |
| | 1702 | J OPACIFIED OFFSET | 750 | 760 | 1 | 19460 | 101.33 |
| | | | 750 | 780 | 5 | 143270 | 104.00 |
| | | | | 778 | 6 | 162730 | 103.68 |
| | 1805 | ALLIED PRIDE | 750 | 780 | 5 | 75400 | 104.00 |
| | | | | 780 | 5 | 76400 | 104.00 |
| | 1901 | TENNYSON OFFSET | 750 | 750 | 1 | 10140 | 100.00 |
| | | | | 750 | 1 | 10140 | 100.00 |
| | 2243 | LAWYERS OFFSET | 750 | 780 | 5 | 139700 | 104.00 |
| | | | | 780 | 5 | 139700 | 104.00 |
| | 2508 | SOLITUDE OPAQUE | 750 | 780 | 2 | 22140 | 104.00 |
| | | | | 780 | 2 | 22140 | 104.00 |
| | 2536 | I B M MANUAL | 750 | 750 | 2 | 47280 | 100.00 |
| | | | | 750 | 2 | 47280 | 100.00 |
| | 2545 | A.P. LIGHTWEIGHT | 750 | 780 | 3 | 44510 | 104.00 |
| | | | | 780 | 3 | 44510 | 104.00 |
| | 3000 | SUPERIOR OFFSET | 760 | 730 | 1 | | 96.05 |
| | | | 760 | 780 | 2 | 38760 | 102.63 |
| | | | | 780 | 3 | 38760 | 102.63 |
| | 7100 | K WHITE OFFSET | 760 | 750 | 1 | 12460 | 98.68 |
| | | | 760 | 780 | 5 | 85000 | 102.63 |
| | | | | 776 | 6 | 97460 | 102.12 |
| | 7101 | K WHITE OFFSET | 750 | 760 | 4 | 71540 | 101.33 |
| | | | | 760 | 4 | 71540 | 101.33 |
| | 7102 | K WHITE OFFSET | 750 | 750 | 9 | 124440 | 100.00 |
| | | | 750 | 760 | 38 | 686570 | 101.33 |
| | | | 750 | 780 | 16 | 408310 | 104.00 |
| | | | | 766 | 63 | 1219320 | 102.09 |

83977 85

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| 7104 | K WHITE OFFSET | 630 | | 1 | | |
| | | 630 | 620 | 2 | 35160 | 98.41 |
| | | 630 | 650 | 6 | 104470 | 103.17 |
| | | 630 | 660 | 9 | 101310 | 104.76 |
| | | | 650 | 18 | 240940 | 103.14 |
| 7105 | K WHITE OFFSET | 550 | 530 | 1 | 1600 | 96.36 |
| | | 550 | 550 | 2 | 12450 | 100.00 |
| | | 550 | 560 | 3 | 34870 | 101.81 |
| | | | 556 | 6 | 48920 | 101.17 |
| 7122 | B W K OFFSET - ANTIQUE | 750 | 760 | 1 | 3510 | 101.33 |
| | | 750 | 780 | 2 | 11490 | 104.00 |
| | | | 775 | 3 | 15000 | 103.38 |
| 7123 | BW K OFFSET - ANTIQUE | 690 | 770 | 1 | 10560 | 111.59 |
| | | | 770 | 1 | 10560 | 111.59 |
| 7124 | B W K OFFSET ANTIQUE | 630 | 650 | 2 | 53010 | 103.17 |
| | | | 650 | 2 | 53010 | 103.17 |
| 7200 | RAVENSWOOD OPAQUE | 760 | 780 | 7 | 147730 | 102.63 |
| | | | 780 | 7 | 147730 | 102.63 |
| 7201 | RAVENSWOOD OPAQUE | 750 | 780 | 12 | 438580 | 104.00 |
| | | | 780 | 12 | 438580 | 104.00 |
| 7202 | RAVENSWOOD OPAQUE | 750 | 760 | 4 | 180020 | 101.33 |
| | | 750 | 780 | 1 | 25570 | 104.00 |
| | | | 762 | 5 | 205590 | 101.66 |
| 7204 | RAVENSWOOD OPAQUE | 630 | 650 | 2 | 45630 | 103.17 |
| | | | 650 | 2 | 45630 | 103.17 |
| | | | 753 | 176 | 3494335 | 102.64 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 750 | | 1 | | |
| | | | 750 | 740 | 4 | 50450 | 98.66 |
| | | | 750 | 750 | 2 | 34120 | 100.00 |
| | | | | 744 | 7 | 84570 | 99.20 |
| | 205 | LAUREL TEXT R.S. | 720 | 720 | 1 | | 100.00 |
| | | | 720 | 740 | 1 | 40270 | 102.77 |
| | | | | 740 | 2 | 40270 | 102.77 |
| | 253 | HWT - NON BLEED R.S. | 650 | 700 | 6 | 40200 | 107.69 |
| | | | | 700 | 6 | 40200 | 107.69 |
| | 274 | TYPE 904-B R.S. | 625 | 600 | 5 | 67660 | 96.00 |
| | | | | 600 | 5 | 67660 | 96.00 |
| | 276 | TYPE IV E DT BLADE BASE | 520 | 550 | 10 | 357210 | 105.76 |
| | | | 520 | 560 | 6 | 154160 | 107.69 |
| | | | | 553 | 16 | 511370 | 106.34 |
| | 292 | AP WALLPAPER BASE | 450 | | 1 | | |
| | | | 450 | 460 | 1 | 2800 | 102.22 |
| | | | | 460 | 2 | 2800 | 102.22 |
| | 1206 | SPEC A.M. PRIDE | 750 | 750 | 4 | 33140 | 100.00 |
| | | | 750 | 760 | 4 | 89210 | 101.33 |
| | | | | 757 | 8 | 122350 | 100.97 |
| | 1207 | A 7 PRIDE | 730 | 750 | 2 | 11270 | 102.73 |
| | | | | 750 | 2 | 11270 | 102.73 |
| | 1208 | A.M. PRIDE | 720 | 730 | 4 | 40920 | 101.38 |
| | | | 720 | 740 | 2 | 62610 | 102.77 |
| | | | 720 | 750 | 4 | 85690 | 104.16 |
| | | | 720 | 760 | 5 | 107860 | 105.55 |
| | | | | 749 | 15 | 297080 | 103.99 |
| | 1210 | GENERIC OFFSET | 620 | 650 | 5 | 56440 | 104.83 |
| | | | | 650 | 5 | 56440 | 104.83 |
| | 1559 | WHITE SPEC K OFFSET | 620 | 650 | 2 | 29980 | 104.83 |
| | | | | 650 | 2 | 29980 | 104.83 |
| | 1805 | ALLIED PRIDE | 750 | 750 | 1 | 4080 | 100.00 |
| | | | | 750 | 1 | 4080 | 100.00 |
| | 1840 | SPEC ALLIED PRIDE | 740 | 760 | 8 | 127510 | 102.70 |
| | | | | 760 | 8 | 127510 | 102.70 |
| | 2513 | IBM SUPERIOR OFFSET | 750 | 750 | 3 | 21870 | 100.00 |

053979 85

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 750 | 770 | 1 | 8760 | 102.66 |
| | | | | 756 | 4 | 30630 | 100.76 |
| | 2536 | I B M MANUAL | 720 | 750 | 4 | 123500 | 104.16 |
| | | | | 750 | 4 | 123500 | 104.16 |
| | 7000 | CALENDAR PAD OFFSET | 750 | 760 | 5 | 137960 | 101.33 |
| | | | | 760 | 5 | 137960 | 101.33 |
| | 7100 | K WHITE OFFSET | 750 | 750 | 5 | 63050 | 100.00 |
| | | | 750 | 780 | 2 | 13810 | 104.00 |
| | | | | 755 | 7 | 76860 | 100.72 |
| | 7101 | K WHITE OFFSET | 730 | 750 | 8 | 129830 | 102.73 |
| | | | | 750 | 8 | 129830 | 102.73 |
| | 7102 | K WHITE OFFSET | 720 | 740 | 3 | 48020 | 102.77 |
| | | | 720 | 750 | 2 | 42430 | 104.16 |
| | | | | 745 | 5 | 90450 | 103.42 |
| | 7104 | K WHITE OFFSET | 620 | | 1 | | |
| | | | 620 | 650 | 5 | 86050 | 104.83 |
| | | | 620 | 740 | 1 | 4490 | 119.35 |
| | | | | 654 | 7 | 90540 | 105.55 |
| | 7120 | B W K OFFSET - ANTIQUE | 750 | 780 | 1 | 17340 | 104.00 |
| | | | | 780 | 1 | 17340 | 104.00 |
| | 7122 | B W K OFFSET - ANTIQUE | 720 | 740 | 2 | 38570 | 102.77 |
| | | | | 740 | 2 | 38570 | 102.77 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | 750 | 9 | 285010 | 100.00 |
| | | | 750 | 770 | 8 | 117880 | 102.66 |
| | | | | 756 | 17 | 402890 | 100.78 |
| | 7201 | RAVENSWOOD OPAQUE | 730 | 750 | 2 | 31610 | 102.73 |
| | | | 730 | 760 | 2 | 42450 | 104.10 |
| | | | | 756 | 4 | 74060 | 103.52 |
| | 7202 | RAVENSWOOD OPAQUE | 720 | 730 | 2 | 40200 | 101.38 |
| | | | 720 | 750 | 3 | 40210 | 104.16 |
| | | | | 740 | 5 | 80410 | 102.77 |
| | 7204 | RAVENSWOOD OPAQUE | 620 | 650 | 1 | 12000 | 104.83 |
| | | | 620 | 680 | 3 | 24390 | 109.67 |
| | | | | 670 | 4 | 36390 | 108.07 |
| | 9029 | SATURATED GRAVURE BASE | 450 | 460 | 1 | 9150 | 102.22 |
| | | | | 460 | 1 | 9150 | 102.22 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIFNCY |
|---|---|---|---|---|---|---|---|
| | 9030 | SATURATED VELLUM BASE | 450 | 460 | 1 | 19810 | 102.22 |
| | | | | 460 | 1 | 19810 | 102.22 |
| | 9600 | TRIAL RUNS | | 440 | 2 | | |
| | | | | 460 | 1 | | |
| | | | | 560 | 1 | | |
| | | | | | 4 | | |
| | | | | 700 | 158 | 2753970 | 103.16 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 803 | LAUREL TEXT | 1300 | 1300 | 4 | 36474 | 100.00 |
| | | | 1300 | 1400 | 6 | 33250 | 107.69 |
| | | | | 1348 | 10 | 69724 | 103.67 |
| | 853 | H W MASTER - NON BLEED II | 1000 | 1300 | 3 | 13788 | 130.00 |
| | | | 1000 | 1346 | 2 | 17080 | 134.60 |
| | | | | 1325 | 5 | 30868 | 132.55 |
| | 874 | TYPE 904-B | 300 | 540 | 8 | | 180.00 |
| | | | 300 | 1300 | 6 | 61636 | 433.33 |
| | | | | 1300 | 14 | 61636 | 433.33 |
| | 876 | MASTERBASE TYPE IV DT | 345 | 330 | 3 | 29167 | 95.65 |
| | | | 345 | 340 | 6 | 31204 | 98.55 |
| | | | 345 | 380 | 9 | 77982 | 110.14 |
| | | | 345 | 390 | 3 | 27898 | 113.04 |
| | | | 345 | 400 | 33 | 278899 | 115.94 |
| | | | 345 | 405 | 3 | 26816 | 117.39 |
| | | | | 388 | 57 | 471965 | 112.49 |
| | 9600 | TRIAL RUNS | | | 1 | | |
| | | | | 350 | 1 | | |
| | | | | 400 | 8 | | |
| | | | | 425 | 3 | | |
| | | | | 505 | 1 | | |
| | | | | 1300 | 1 | | |
| | | | | | 15 | | |
| | | | | 628 | 101 | 634193 | 143.68 |

05982

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 02/26/85 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1203 | A.M. PRIDE | 120 | 97 | 1 | 10140 | 80.83 |
| | | | | 97 | 1 | 10140 | 80.83 |
| | 1208 | A.M. PRIDE | 110 | 105 | 5 | 101460 | 95.45 |
| | | | | 105 | 5 | 101460 | 95.45 |
| | 1228 | CUSTOM OFFSET | 116 | 108 | 2 | 23920 | 93.10 |
| | | | 116 | 105 | 2 | 14650 | 90.51 |
| | | | | 107 | 4 | 38570 | 92.12 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 112 | 114 | 7 | 102360 | 101.78 |
| | | | | 114 | 7 | 102360 | 101.78 |
| | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 116 | 114 | 4 | 47340 | 98.27 |
| | | | | 114 | 4 | 47340 | 98.27 |
| | 1800 | PRIDE OPAQUE | 110 | 107 | 3 | 40430 | 97.27 |
| | | | | 107 | 3 | 40430 | 97.27 |
| | 1805 | ALLIED PRIDE | 105 | 105 | 2 | 25620 | 100.00 |
| | | | | 105 | 2 | 25620 | 100.00 |
| | 1810 | BW PRIDE OPAQUE | 122 | 105 | 4 | 42880 | 86.06 |
| | | | | 105 | 4 | 42880 | 86.06 |
| | 1833 | B W SPECIAL PRIDE | 105 | 107 | 3 | 51210 | 101.90 |
| | | | | 107 | 3 | 51210 | 101.90 |
| | 2000 | BRITE LITE THIN | 110 | 113 | 1 | | 102.72 |
| | | | 110 | 100 | 1 | | 90.90 |
| | | | | | 2 | | |
| | 2019 | BRITE LITE THIN | 110 | 113 | 9 | 88660 | 102.72 |
| | | | | 113 | 9 | 88660 | 102.72 |
| | 2236 | WHITE IMPERIAL BIBLE | 110 | 108 | 2 | 27420 | 98.18 |
| | | | | 108 | 2 | 27420 | 98.18 |
| | 2241 | LAWYERS OFFSET | 110 | 108 | 8 | 173850 | 98.18 |
| | | | | 108 | 8 | 173850 | 98.18 |
| | 2407 | SHAKESPEARE THIN | 110 | 113 | 8 | 119730 | 102.72 |
| | | | | 113 | 8 | 119730 | 102.72 |
| | 2504 | SOLITUDE OPAQUE | 110 | 115 | 1 | 11350 | 104.54 |
| | | | | 115 | 1 | 11350 | 104.54 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 105 | 3 | 44030 | 100.00 |
| | | | | 105 | 3 | 44030 | 100.00 |

85983 SA

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2540 | A P LIGHT WEIGHT | 110 | 103 | 5 | 61630 | 93.63 |
| | | | | 103 | 5 | 61630 | 93.63 |
| | 2542 | A P LIGHT WEIGHT | 105 | 115 | 5 | 62620 | 109.52 |
| | | | 105 | 98 | 7 | 92240 | 93.33 |
| | | | | 105 | 12 | 154860 | 99.88 |
| | 2543 | A.P. LIGHTWEIGHT | 112 | 100 | 2 | 24250 | 89.28 |
| | | | | 100 | 2 | 24250 | 89.28 |
| | 2545 | A.P. LIGHTWEIGHT | 110 | 115 | 3 | 20890 | 104.54 |
| | | | 110 | 109 | 2 | 16800 | 99.09 |
| | | | 110 | 107 | 7 | 142210 | 97.27 |
| | | | 110 | 93 | 1 | 7380 | 84.54 |
| | | | | 108 | 13 | 187280 | 97.74 |
| | 3835 | WHITE BOOK LITE | 105 | 105 | 3 | 43020 | 100.00 |
| | | | | 105 | 3 | 43020 | 100.00 |
| | 7100 | K WHITE OFFSET | 110 | 116 | 4 | 60680 | 105.45 |
| | | | | 116 | 4 | 60680 | 105.45 |
| | 7101 | K WHITE OFFSET | 110 | 105 | 2 | 4000 | 95.45 |
| | | | 110 | 100 | 4 | 61110 | 90.90 |
| | | | | 100 | 6 | 65110 | 91.18 |
| | 7102 | K WHITE OFFSET | 110 | 116 | 2 | 44890 | 105.45 |
| | | | 110 | 100 | 1 | 11720 | 90.90 |
| | | | | 113 | 3 | 56610 | 102.44 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 116 | 2 | 21820 | 105.45 |
| | | | 110 | 105 | 1 | 21420 | 95.45 |
| | | | | 111 | 3 | 43240 | 100.50 |
| | | | | 108 | 117 | 1621730 | 98.52 |

SD 855984

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1207 | A 7 PRIDE | 142 | 125 | 1 | 8500 | 88.02 |
| | | | | 125 | 1 | 8500 | 88.02 |
| | 1208 | A.M. PRIDE | 148 | 142 | 3 | 92360 | 95.94 |
| | | | 148 | 140 | 2 | 41520 | 94.59 |
| | | | | 141 | 5 | 133880 | 95.52 |
| | 1209 | A.M. PRIDE | 142 | 129 | 2 | 22120 | 90.84 |
| | | | | 129 | 2 | 22120 | 90.84 |
| | 1810 | BW PRIDE OPAQUE | 147 | 140 | 2 | 41670 | 95.23 |
| | | | | 140 | 2 | 41670 | 95.23 |
| | 2603 | SOLITUDE OPAQUE | 140 | 146 | 2 | 3980 | 104.28 |
| | | | | 146 | 2 | 3980 | 104.28 |
| | 2535 | MANUAL OFFSET | 140 | 141 | 1 | 5380 | 100.71 |
| | | | 140 | 140 | 2 | 36760 | 100.00 |
| | | | | 140 | 3 | 42140 | 100.09 |
| | 2536 | I B M MANUAL | 142 | 140 | 4 | 44920 | 98.59 |
| | | | | 140 | 4 | 44920 | 98.59 |
| | 2903 | DICKENS OFFSET | 140 | 140 | 1 | 21770 | 100.00 |
| | | | | 140 | 1 | 21770 | 100.00 |
| | 2904 | DICKENS OFFSET | 142 | 140 | 1 | 19080 | 98.59 |
| | | | | 140 | 1 | 19080 | 98.59 |
| | 3042 | BW RD OFFSET ANT. | 142 | 125 | 23 | 1116990 | 88.02 |
| | | | | 125 | 23 | 1116990 | 88.02 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 142 | 140 | 2 | 40880 | 98.59 |
| | | | | 140 | 2 | 40880 | 98.59 |
| | 7101 | K WHITE OFFSET | 142 | 140 | 1 | 38280 | 98.59 |
| | | | | 140 | 1 | 38280 | 98.59 |
| | 7102 | K WHITE OFFSET | 142 | 144 | 1 | 5040 | 101.40 |
| | | | 142 | 140 | 11 | 363150 | 98.59 |
| | | | 142 | 132 | 4 | 124970 | 92.95 |
| | | | | 138 | 16 | 493160 | 97.19 |
| | 7103 | K WHITE OFFSET | 142 | 137 | 2 | 10320 | 96.47 |
| | | | | 137 | 2 | 10320 | 96.47 |
| | 7104 | K WHITE OFFSET | 142 | 140 | 1 | 4800 | 98.59 |
| | | | 142 | 136 | 1 | 19210 | 95.77 |
| | | | | 137 | 2 | 24010 | 96.33 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7120 | B W K OFFSET - ANTIQUE | 142 | 140 | 3 | 92530 | 98.59 |
| | | | | 140 | 3 | 92530 | 98.59 |
| | 7122 | B W K OFFSET - ANTIQUE | 142 | 140 | 2 | 40810 | 98.59 |
| | | | 142 | 138 | 2 | 41040 | 97.18 |
| | | | 142 | 135 | 2 | 28860 | 95.07 |
| | | | | 138 | 6 | 110710 | 97.15 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 143 | 3 | 55840 | 100.70 |
| | | | 142 | 139 | 1 | 8680 | 97.88 |
| | | | | 142 | 4 | 64520 | 100.32 |
| | 7124 | B W K OFFSET ANTIQUE | 142 | 146 | 2 | 8820 | 102.81 |
| | | | 142 | 137 | 1 | 32170 | 96.47 |
| | | | | 139 | 3 | 40990 | 97.83 |
| | 7202 | RAVENSWOOD OPAQUE | 140 | 147 | 2 | 50470 | 105.00 |
| | | | 140 | 146 | 2 | 26180 | 104.28 |
| | | | 140 | 140 | 1 | 23560 | 100.00 |
| | | | 140 | 139 | 2 | 29750 | 99.28 |
| | | | 140 | 138 | 3 | 103220 | 98.57 |
| | | | 140 | 135 | 3 | 101570 | 96.42 |
| | | | | 139 | 13 | 334750 | 99.50 |
| | 7204 | RAVENSWOOD OPAQUE | 140 | 124 | 1 | 20700 | 88.57 |
| | | | | 124 | 1 | 20700 | 88.57 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 10 | 269120 | 100.00 |
| | | | | 148 | 10 | 269120 | 100.00 |
| | 9010 | BLUE GREEN DUPONT PAPER | 148 | 148 | 14 | 402050 | 100.00 |
| | | | | 148 | 14 | 402050 | 100.00 |
| | 9600 | TRIAL RUNS | | 148 | 2 | | |
| | | | | 147 | 1 | | |
| | | | | 146 | 1 | | |
| | | | | 140 | 1 | | |
| | | | | 135 | 2 | | |
| | | | | 122 | 2 | | |
| | | | | | 9 | | |
| | | | | 136 | 130 | 3397070 | 94.97 |

CO 85986

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1100 | BW RAMTEXT NEW SHADE EB | 138 | 138 | 12 | 409230 | 100.00 |
| | | | | 138 | 12 | 409230 | 100.00 |
| | 1208 | A.M. PRIDE | 136 | 128 | 2 | 46530 | 94.11 |
| | | | | 128 | 2 | 46530 | 94.11 |
| | 1210 | GENERIC OFFSET | 136 | 130 | 2 | 22000 | 95.58 |
| | | | | 130 | 2 | 22000 | 95.58 |
| | 1533 | WHITE SPEC K OFFSET | 136 | 123 | 2 | 26980 | 90.44 |
| | | | 136 | 105 | 1 | 2790 | 77.20 |
| | | | | 121 | 3 | 29770 | 89.20 |
| | 1840 | SPEC ALLIED PRIDE | 138 | 134 | 1 | 9800 | 97.10 |
| | | | 138 | 122 | 2 | 35030 | 88.40 |
| | | | 138 | 118 | 1 | 8650 | 85.50 |
| | | | | 124 | 4 | 53480 | 89.53 |
| | 2003 | BRITE LITE THIN | 132 | 135 | 4 | 47190 | 102.27 |
| | | | | 135 | 4 | 47190 | 102.27 |
| | 2009 | ROYAL LITE | 132 | 120 | 6 | 71540 | 90.90 |
| | | | | 120 | 6 | 71540 | 90.90 |
| | 2200 | IMPERIAL BIBLE | 128 | 128 | 5 | 111500 | 100.00 |
| | | | | 128 | 5 | 111500 | 100.00 |
| | 2204 | IMPERIAL BIBLE | 134 | 128 | 2 | 60140 | 95.52 |
| | | | | 128 | 2 | 60140 | 95.52 |
| | 2225 | KINGSPORT 80 BIBLE | 132 | 116 | 23 | 368880 | 87.87 |
| | | | | 116 | 23 | 368880 | 87.87 |
| | 2601 | SOLITUDE OPAQUE | 134 | 98 | 2 | 19860 | 73.13 |
| | | | | 98 | 2 | 19860 | 73.13 |
| | 2522 | SPECIAL SOLITUDE OPAQUE | 134 | 126 | 6 | 130880 | 94.02 |
| | | | | 126 | 6 | 130880 | 94.02 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 132 | 128 | 7 | 59040 | 96.96 |
| | | | | 128 | 7 | 59040 | 96.96 |
| | 2543 | A.P. LIGHTWEIGHT | 138 | 138 | 4 | 68520 | 100.00 |
| | | | 138 | 127 | 1 | 19410 | 92.02 |
| | | | | 136 | 5 | 87930 | 98.24 |
| | 3830 | WHITE BOOKLITE | 134 | 125 | 6 | 140480 | 93.28 |
| | | | | 125 | 6 | 140480 | 93.28 |

85398?

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7100 | K WHITE OFFSET | 136 | 138 | 4 | 70600 | 101.47 |
| | | | 136 | 131 | 6 | 136500 | 96.32 |
| | | | | 133 | 10 | 207100 | 98.08 |
| | 7102 | K WHITE OFFSET | 136 | 137 | 1 | 20730 | 100.73 |
| | | | 136 | 136 | 3 | 16295 | 100.00 |
| | | | 136 | 135 | 2 | 33850 | 99.26 |
| | | | 136 | 128 | 2 | 84120 | 94.11 |
| | | | | 132 | 8 | 154995 | 96.74 |
| | 7200 | RAVENSWOOD OPAQUE | 136 | 133 | 3 | 82040 | 97.79 |
| | | | 136 | 128 | 2 | 24720 | 94.11 |
| | | | | 132 | 5 | 106760 | 96.94 |
| | 7201 | RAVENSWOOD OPAQUE | 136 | 137 | 2 | 41120 | 100.73 |
| | | | 136 | 133 | 2 | 29160 | 97.79 |
| | | | | 135 | 4 | 70280 | 99.51 |
| | 7202 | RAVENSWOOD OPAQUE | 136 | 123 | 1 | 26800 | 90.44 |
| | | | | 123 | 1 | 26800 | 90.44 |
| | 9600 | TRIAL RUNS | | 137 | 2 | | |
| | | | | 125 | 1 | | |
| | | | | | 3 | | |
| | | | | 128 | 120 | 2224385 | 95.21 |

85 05X988

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1510 | WHITE SPEC K OFFSET | 106 | 110 | 2 | 21990 | 103.77 |
| | | | | 110 | 2 | 21990 | 103.77 |
| | 1533 | WHITE SPEC K OFFSET | 106 | 119 | 1 | 4510 | 112.26 |
| | | | 106 | 117 | 1 | 26540 | 110.37 |
| | | | 106 | 108 | 1 | 12770 | 101.88 |
| | | | 106 | 105 | 10 | 213235 | 99.05 |
| | | | 106 | 104 | 1 | 12600 | 98.11 |
| | | | | 107 | 14 | 269655 | 100.48 |
| | 1559 | WHITE SPEC K OFFSET | 105 | 121 | 2 | 41490 | 115.23 |
| | | | 105 | 105 | 2 | 25260 | 100.00 |
| | | | | 115 | 4 | 66750 | 109.47 |
| | 1702 | J OPACIFIED OFFSET | 105 | 119 | 1 | 19460 | 113.33 |
| | | | 105 | 117 | 2 | 47410 | 111.42 |
| | | | 105 | 105 | 1 | 34710 | 100.00 |
| | | | 105 | 104 | 2 | 61150 | 99.04 |
| | | | | 110 | 6 | 162730 | 104.56 |
| | 1805 | ALLIED PRIDE | 105 | 110 | 1 | 8290 | 104.76 |
| | | | 105 | 105 | 2 | 28170 | 100.00 |
| | | | 105 | 95 | 2 | 39940 | 90.47 |
| | | | | 100 | 5 | 76400 | 95.53 |
| | 1901 | TENNYSON OFFSET | 110 | 106 | 1 | 10140 | 96.36 |
| | | | | 106 | 1 | 10140 | 96.36 |
| | 2243 | LAWYERS OFFSET | 110 | 115 | 5 | 139700 | 104.54 |
| | | | | 115 | 5 | 139700 | 104.54 |
| | 2506 | SOLITUDE OPAQUE | 110 | 105 | 2 | 22140 | 95.45 |
| | | | | 105 | 2 | 22140 | 95.45 |
| | 2536 | I B M MANUAL | 110 | 105 | 2 | 47280 | 95.45 |
| | | | | 105 | 2 | 47280 | 95.45 |
| | 2545 | A.P. LIGHTWEIGHT | 110 | 107 | 3 | 44510 | 97.27 |
| | | | | 107 | 3 | 44510 | 97.27 |
| | 3000 | SUPERIOR OFFSET | 110 | 100 | 3 | 38760 | 90.90 |
| | | | | 100 | 3 | 38760 | 90.90 |
| | 7100 | K WHITE OFFSET | 110 | 120 | 2 | 21240 | 109.09 |
| | | | 110 | 112 | 1 | 12460 | 101.81 |
| | | | 110 | 96 | 3 | 63760 | 87.27 |
| | | | | 103 | 6 | 97460 | 93.88 |
| | 7101 | K WHITE OFFSET | 110 | 116 | 1 | 20300 | 105.45 |

85380

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 110 | 1 | 18440 | 100.00 |
| | | | 110 | 104 | 2 | 32800 | 94.54 |
| | | | | 109 | 4 | 71540 | 99.04 |
| | 7102 | K WHITE OFFSET | 110 | 119 | 5 | 171940 | 108.18 |
| | | | 110 | 117 | 1 | 13480 | 106.36 |
| | | | 110 | 116 | 2 | 24250 | 105.45 |
| | | | 110 | 115 | 3 | 29320 | 104.54 |
| | | | 110 | 114 | 2 | 8640 | 103.63 |
| | | | 110 | 113 | 2 | 32220 | 102.72 |
| | | | 110 | 112 | 3 | 61080 | 101.81 |
| | | | 110 | 111 | 2 | 30780 | 100.90 |
| | | | 110 | 110 | 4 | 52320 | 100.00 |
| | | | 110 | 108 | 5 | 123960 | 98.18 |
| | | | 110 | 105 | 20 | 396070 | 95.45 |
| | | | 110 | 104 | 2 | 39960 | 94.54 |
| | | | 110 | 102 | 2 | 40080 | 92.72 |
| | | | 110 | 101 | 6 | 165060 | 91.81 |
| | | | 110 | 99 | 3 | 22640 | 90.00 |
| | | | 110 | 96 | 1 | 7520 | 87.27 |
| | | | | 108 | 63 | 1219320 | 98.20 |
| | 7104 | K WHITE OFFSET | 110 | 122 | 3 | 59120 | 110.90 |
| | | | 110 | 114 | 1 | 6600 | 103.63 |
| | | | 110 | 111 | 1 | 1800 | 100.90 |
| | | | 110 | 107 | 3 | 50820 | 97.27 |
| | | | 110 | 106 | 1 | 1000 | 96.36 |
| | | | 110 | 105 | 3 | 28560 | 95.45 |
| | | | 110 | 104 | 1 | 8240 | 94.54 |
| | | | 110 | 102 | 1 | 26920 | 92.72 |
| | | | 110 | 101 | 1 | 6030 | 91.81 |
| | | | 110 | 99 | 2 | 48130 | 90.00 |
| | | | 110 | 92 | 1 | 3720 | 83.63 |
| | | | | 108 | 18 | 240940 | 98.20 |
| | 7105 | K WHITE OFFSET | 110 | 119 | 1 | 13490 | 108.18 |
| | | | 110 | 114 | 1 | 13300 | 103.63 |
| | | | 110 | 107 | 2 | 9680 | 97.27 |
| | | | 110 | 105 | 1 | 8370 | 95.45 |
| | | | 110 | 104 | 1 | 4080 | 94.54 |
| | | | | 112 | 6 | 48920 | 101.47 |
| | 7122 | B W K OFFSET - ANTIQUE | 110 | 113 | 2 | 11490 | 102.72 |
| | | | 110 | 105 | 1 | 3510 | 95.45 |
| | | | | 111 | 3 | 15000 | 101.02 |
| | 7123 | BW K OFFSET - ANTIQUE | 110 | 105 | 1 | 10560 | 95.45 |
| | | | | 105 | 1 | 10560 | 95.45 |

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 9
RUN DATE: 02/26/85 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7124 | B w K OFFSET ANTIQUE | 110 | 105 | 2 | 53010 | 95.45 |
| | | | | 105 | 2 | 53010 | 95.45 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 121 | 2 | 18420 | 110.00 |
| | | | 110 | 115 | 2 | 43300 | 104.54 |
| | | | 110 | 108 | 3 | 86010 | 98.18 |
| | | | | 112 | 7 | 147730 | 101.52 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 114 | 10 | 412210 | 103.63 |
| | | | 110 | 100 | -2 | -26370 | 90.90 |
| | | | | 113 | 12 | 438580 | 102.86 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 105 | 5 | 205590 | 95.45 |
| | | | | 105 | 5 | 205590 | 95.45 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 105 | 2 | 45630 | 95.45 |
| | | | | 105 | 2 | 45630 | 95.45 |
| | | | | 109 | 176 | 3494335 | 99.40 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 114 | 1 | 10100 | 109.61 |
| | | | 104 | 112 | 3 | 35590 | 107.69 |
| | | | 104 | 108 | 3 | 38880 | 103.84 |
| | | | | 110 | 7 | 84570 | 106.15 |
| | 205 | LAUREL TEXT R.S. | 104 | 109 | 2 | 40270 | 104.80 |
| | | | | 109 | 2 | 40270 | 104.80 |
| | 253 | HWT - NON BLEED R.S. | 104 | 121 | 4 | 16330 | 116.34 |
| | | | 104 | 117 | 1 | 9040 | 112.50 |
| | | | 104 | 116 | 1 | 14830 | 111.53 |
| | | | | 118 | 6 | 40200 | 113.70 |
| | 274 | TYPE 904-B R.S. | 110 | 112 | 1 | 10310 | 101.81 |
| | | | 110 | 103 | 2 | 29210 | 93.63 |
| | | | 110 | 101 | 2 | 28140 | 91.81 |
| | | | | 104 | 5 | 67660 | 94.12 |
| | 276 | TYPE IV E DT BLADE BASE | 124 | 118 | 14 | 505370 | 95.16 |
| | | | 124 | 112 | 2 | 6000 | 90.32 |
| | | | | 118 | 16 | 511370 | 95.10 |
| | 292 | AP WALLPAPER BASE | 123 | 123 | 2 | 2800 | 100.00 |
| | | | | 123 | 2 | 2800 | 100.00 |
| | 1206 | SPEC A.M. PRIDE | 102 | 115 | 4 | 89210 | 112.74 |
| | | | 102 | 107 | 4 | 33140 | 104.90 |
| | | | | 113 | 8 | 122350 | 110.62 |
| | 1207 | A 7 PRIDE | 106 | 105 | 2 | 11270 | 99.05 |
| | | | | 105 | 2 | 11270 | 99.05 |
| | 1208 | A.M. PRIDE | 110 | 117 | 1 | 22380 | 106.36 |
| | | | 110 | 111 | 2 | 61410 | 100.90 |
| | | | 110 | 107 | 2 | 84100 | 97.27 |
| | | | 110 | 105 | 7 | 87370 | 95.45 |
| | | | 110 | 101 | 2 | 29220 | 91.81 |
| | | | 110 | 92 | 1 | 12600 | 83.63 |
| | | | | 107 | 15 | 297080 | 97.05 |
| | 1210 | GENERIC OFFSET | 110 | 111 | 2 | 23440 | 100.90 |
| | | | 110 | 107 | 1 | 16830 | 97.27 |
| | | | 110 | 105 | 2 | 16170 | 95.45 |
| | | | | 108 | 5 | 56440 | 98.26 |
| | 1559 | WHITE SPEC K OFFSET | 110 | 109 | 1 | 12650 | 99.09 |
| | | | 110 | 105 | 1 | 17330 | 95.45 |
| | | | | 107 | 2 | 29980 | 96.99 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1805 | ALLIED PRIDE | 110 | 107 | 1 | 4080 | 97.27 |
| | | | | 107 | 1 | 4080 | 97.27 |
| | 1840 | SPEC ALLIED PRIDE | 110 | 118 | 8 | 127510 | 107.27 |
| | | | | 118 | 8 | 127510 | 107.27 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 105 | 4 | 30630 | 95.45 |
| | | | | 105 | 4 | 30630 | 95.45 |
| | 2536 | I B M MANUAL | 110 | 107 | 4 | 123500 | 97.27 |
| | | | | 107 | 4 | 123500 | 97.27 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 5 | 137960 | 103.63 |
| | | | | 114 | 5 | 137960 | 103.63 |
| | 7100 | K WHITE OFFSET | 110 | 116 | 2 | 13130 | 105.45 |
| | | | 110 | 115 | 2 | 45960 | 104.54 |
| | | | 110 | 105 | 1 | 3960 | 95.45 |
| | | | 110 | 104 | 2 | 13810 | 94.54 |
| | | | | 113 | 7 | 76860 | 102.43 |
| | 7101 | K WHITE OFFSET | 110 | 108 | 3 | 85240 | 98.18 |
| | | | 110 | 105 | 5 | 44590 | 95.45 |
| | | | | 107 | 8 | 129830 | 97.24 |
| | 7102 | K WHITE OFFSET | 110 | 116 | 2 | 44920 | 105.45 |
| | | | 110 | 105 | 2 | 42430 | 95.45 |
| | | | 110 | 103 | 1 | 3100 | 93.63 |
| | | | | 110 | 5 | 90450 | 100.35 |
| | 7104 | K WHITE OFFSET | 110 | 111 | 2 | 4490 | 100.90 |
| | | | 110 | 105 | 3 | 35800 | 95.45 |
| | | | 110 | 101 | 2 | 50250 | 91.81 |
| | | | | 103 | 7 | 90540 | 93.70 |
| | 7120 | B W K OFFSET - ANTIQUE | 110 | 104 | 1 | 17340 | 94.54 |
| | | | | 104 | 1 | 17340 | 94.54 |
| | 7122 | B W K OFFSET - ANTIQUE | 110 | 116 | 1 | 23080 | 105.45 |
| | | | 110 | 103 | 1 | 15490 | 93.63 |
| | | | | 111 | 2 | 38570 | 100.70 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 108 | 4 | 75060 | 98.18 |
| | | | 110 | 107 | 9 | 285010 | 97.27 |
| | | | 110 | 105 | 4 | 42820 | 95.45 |
| | | | | 107 | 17 | 402890 | 97.25 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 105 | 2 | 31610 | 95.45 |
| | | | 110 | 104 | 2 | 42450 | 94.54 |

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 12
RUN DATE: 02/26/85 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 104 | 4 | 74060 | 94.93 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 107 | 1 | 10510 | 97.27 |
| | | | 110 | 106 | 2 | 29700 | 96.36 |
| | | | 110 | 105 | 2 | 40200 | 95.45 |
| | | | | 106 | 5 | 80410 | 96.02 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 114 | 1 | 4540 | 103.63 |
| | | | 110 | 107 | 1 | 12000 | 97.27 |
| | | | 110 | 105 | 2 | 19850 | 95.45 |
| | | | | 107 | 4 | 36390 | 97.07 |
| | 9029 | SATURATED GRAVURE BASE | 123 | 107 | 1 | 9150 | 86.99 |
| | | | | 107 | 1 | 9150 | 86.99 |
| | 9030 | SATURATED VELLUM BASE | 123 | 118 | 1 | 19810 | 95.93 |
| | | | | 118 | 1 | 19810 | 95.93 |
| | 9600 | TRIAL RUNS | | 120 | 1 | | |
| | | | | 116 | 2 | | |
| | | | | 108 | 1 | | |
| | | | | | 4 | | |
| | | | | 110 | 158 | 2753970 | 98.78 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 02.1985

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 111 | 1 | 11059 | 108.82 |
| | | | 102 | 109 | 6 | 33250 | 106.86 |
| | | | 102 | 105 | 3 | 25415 | 102.94 |
| | | | | 108 | 10 | 69724 | 105.74 |
| | 853 | H W MASTER - NON-BLEED II | 102 | 118 | 3 | 13788 | 115.68 |
| | | | 102 | 114 | 1 | 6790 | 111.76 |
| | | | 102 | 113 | 1 | 10290 | 110.78 |
| | | | | 115 | 5 | 30868 | 113.18 |
| | 874 | TYPE 904-B | 102 | 110 | 2 | 5970 | 107.84 |
| | | | 102 | 101 | 5 | 24109 | 99.01 |
| | | | 102 | 98 | 7 | 31557 | 96.07 |
| | | | | 100 | 14 | 61636 | 98.36 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 115 | 46 | 431531 | 112.74 |
| | | | 102 | 110 | 1 | 6396 | 107.84 |
| | | | 102 | 107 | 1 | 3270 | 104.90 |
| | | | 102 | 89 | 9 | 30768 | 87.25 |
| | | | | 113 | 57 | 471965 | 110.96 |
| | 9600 | TRIAL RUNS | | 120 | 6 | | |
| | | | | 116 | 7 | | |
| | | | | 115 | 2 | | |
| | | | | | 15 | | |
| | | | | 111 | 101 | 634193 | 109.27 |

JANUARY. 1985

| | | | |
|---|---|---|---|
| 5 | — | 765 | |
| 6 | 99220 + | 1787 | |
| 7 | 27915 + | 1476 | |
| 8 | 19800 + | 1662 | |
| 9 | | 1451 | |
| 17 | 46532 + | 273 | |
| 5 | 5.5 +519.1 | 525 | |
| 6 | 52.4 +500.3 | 553 | |
| 7 | 11.9 +577.3 | 589 | |
| 8 | 5.9 + 589.5 | 595 | |
| 9 | 559.6 | 560 | |
| 17 | 16.0 + 124.1 | 140 | |

D P A P E R I N C.
CTION SYSTEM
DE THRU WEEK 4 OF MONTH 01.

| EFFIC | STD | WINDER | OF |
|---|---|---|---|
| | | PRODUC | |
| 2.12 | 11172 | 15020 | |
| 7.13 | 27468 | 30050 | |
| 1.00 | 86206 | 97290 | |
| 5.66 | 53146 | 56240 | |
| 1.49 | 70073 | 87230 | |
| 5.14 | 117965 | 122410 | |
| 8.48 | 6931 | 4740 | |
| 7.90 | 27215 | 25980 | |
| 6.79 | 49996 | 47640 | |
| 7.15 | 212949 | 265530 | |
| 8.05 | 43714 | 40370 | |
| 9.75 | 44907 | 48610 | |
| 6.64 | 83302 | 92420 | |
| 2.91 | 164778 | 191680 | |
| 4.86 | 71279 | 84690 | |
| 2.87 | 18522 | 18650 | |
| 4.90 | 38587 | 47180 | |
| 5.45 | 141870 | 188340 | |
| 6.19 | 28398 | 15850 | |
| 2.84 | 12348 | 15090 | |
| 0.19 | 27972 | 34490 | |
| | | | No. |
| 17.64 | 1338798 | 1529500 | 3 |
| 9.15 | 589096 | 533560 | 1 |
| 1.48 | 536050 | 540030 | 1 |
| 5.51 | 43365 | 47580 | |
| 9.09 | 86351 | 76860 | |
| 5.55 | 265891 | 267460 | |
| 4.24 | 43102 | 43750 | |
| 2.20 | 45881 | 46620 | |
| 8.08 | 204173 | 218890 | |
| 9.09 | 23407 | 20580 | |
| 3.61 | 120751 | 127480 | |
| 2.27 | 310616 | 351340 | |
| 5.10 | 195357 | 199690 | |
| 9.30 | 2268683 | 2274150 | 4 |
| 5.10 | 195357 | 199690 | |

REPORT: R4PS7610 — S C M A L L I E D P A E R I N C. — PAGE 1
RUN DATE: 01/29/85 — DAILY PRODUCTION SYSTEM
RUN TIME: 120207 — PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| | BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MAC EFFI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 5 | 45.00 | 1207 | A 7 PRIDE | 4.5 | 3.8 | 92.12 | 11172 | 15020 | | 15020 | 134.44 | |
| 5 | 28.00 | 1228 | CUSTOM OFFSET | 11.1 | 10.9 | 107.13 | 27468 | 30050 | | 30050 | 109.40 | |
| 5 | 22.30 | 1400 | CW BRITISH OPAQUE - | 53.6 | 39.8 | 81.00 | 86206 | 97290 | 1360 | 95930 | 111.28 | |
| 5 | 50.00 | 1533 | WHITE SPEC K OFFSET | 19.5 | 17.1 | 95.66 | 53146 | 56240 | 3840 | 52400 | 98.60 | |
| 5 | 40.00 | 1810 | BW PRIDE OPAQUE | 24.4 | 22.7 | 101.49 | 70073 | 87230 | | 87230 | 124.48 | |
| 5 | 20.00 | 2000 | BRITE LITE THIN | 72.7 | 63.4 | 95.14 | 117965 | 122410 | 7580 | 114830 | 97.34 | |
| 5 | 22.00 | 2001 | BRITE LITE THIN | 7.2 | 3.2 | 48.48 | 6931 | 4740 | | 4740 | 68.39 | |
| 5 | 18.00 | 2018 | BRITE LITE THIN | 19.5 | 17.5 | 97.90 | 27215 | 25980 | 3220 | 22760 | 83.63 | |
| 5 | 28.00 | 2101 | BRITISH OPAQUE | 19.0 | 18.6 | 106.79 | 49996 | 47640 | 6060 | 41580 | 83.17 | |
| 5 | 35.00 | 2204 | IMPERIAL BIBLE | 73.0 | 71.7 | 107.15 | 212949 | 265530 | 1460 | 264070 | 124.01 | |
| 5 | 30.00 | 2240 | LAWYERS WHITE OFFSE | | | | | | 350 | 350- | | |
| 5 | 35.00 | 2514 | INTERNATIONAL HARVE | 16.8 | 15.1 | 98.05 | 43714 | 40370 | | 40370 | 92.35 | |
| 5 | 21.00 | 2541 | A P LIGHTWEIGHT TY | 25.7 | 23.5 | 99.75 | 44907 | 48610 | 1650 | 46960 | 104.57 | |
| 5 | 22.00 | 2542 | A P LIGHT WEIGHT | 43.8 | 38.8 | 96.64 | 83302 | 92420 | 6780 | 85640 | 102.81 | |
| 5 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 60.0 | 56.6 | 102.91 | 164778 | 191680 | | 191680 | 116.33 | |
| 5 | 28.00 | 2551 | A.P. LIGHTWEIGHT | 34.5 | 30.0 | 94.86 | 71279 | 84690 | 1240 | 83450 | 117.08 | |
| 5 | 40.00 | 3000 | SUPERIOR OFFSET | 7.4 | 6.3 | 92.87 | 18522 | 18650 | | 18650 | 100.69 | |
| 5 | 40.00 | 7100 | K WHITE OFFSET | 13.0 | 12.5 | 104.90 | 38587 | 47180 | | 47180 | 122.27 | |
| 5 | 45.00 | 7101 | K WHITE OFFSET | 48.0 | 46.4 | 105.45 | 141870 | 188340 | | 188340 | 132.76 | |
| 5 | 50.00 | 7102 | K WHITE OFFSET | 9.3 | 8.2 | 96.19 | 28398 | 15850 | | 15850 | 55.81 | |
| 5 | 45.00 | 7201 | RAVENSWOOD OPAQUE | 4.7 | 4.0 | 92.84 | 12348 | 15090 | 2510 | 12580 | 101.88 | |
| 5 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 9.8 | 9.0 | 100.19 | 27972 | 34490 | | 34490 | 123.30 | |
| 5 | 24.30 | 9600 | TRIAL RUNS | 2.5 | | | | | | | | |
| | 33.64 | | MACH TOTAL 1.09091 | 580.0 | 519.1 | 97.64 | 1338798 | 1529500 | 36050 | 1493450 | 111.55 | 108.( |
| 6 | 30.00 | 1100 | BW RAMTEXT NEW SHAD | 152.5 | 138.6 | 99.15 | 589096 | 533560 | 12775 | 520785 | 88.40 | |
| 6 | 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 6 | 40.00 | 1206 | SPEC A.M. PRIDE | 111.5 | 93.5 | 91.48 | 536050 | 540030 | 10900 | 529130 | 98.71 | |
| 6 | 50.00 | 1208 | A.M. PRIDE | 6.1 | 5.9 | 105.51 | 43365 | 47580 | | 47580 | 109.72 | |
| 6 | 50.00 | 1533 | WHITE SPEC K OFFSET | 12.0 | 12.0 | 109.09 | 86351 | 76860 | 5910 | 70950 | 82.16 | |
| 6 | 60.00 | 1559 | WHITE SPEC K OFFSET | | | | | | 1330 | 1330- | | |
| 6 | 35.00 | 1805 | ALLIED PRIDE | 55.4 | 53.6 | 105.55 | 265891 | 267460 | 2290 | 265170 | 99.73 | |
| 6 | 35.00 | 2504 | SOLITUDE OPAQUE | 9.0 | 8.6 | 104.24 | 43102 | 43750 | | 43750 | 101.50 | |
| 6 | 50.00 | 2536 | I B M MANUAL | | | | | | | | | |
| 6 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 9.5 | 8.9 | 102.20 | 45881 | 46620 | 1568 | 45052 | 93.19 | |
| 6 | 45.00 | 7101 | K WHITE OFFSET | | | | | | 1090 | 1090- | | |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 32.7 | 29.4 | 98.08 | 204173 | 218890 | 1350 | 217540 | 106.55 | |
| 6 | 50.00 | 7122 | B W K OFFSET - ANTI | 3.3 | 3.3 | 109.09 | 23407 | 20580 | | 20580 | 87.92 | |
| 6 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 17.9 | 17.0 | 103.61 | 120751 | 127480 | 7880 | 119600 | 99.05 | |
| 6 | 29.50 | 9001 | DUPONT PAPER (BLUE) | 84.8 | 79.5 | 102.27 | 310616 | 351340 | | 351340 | 113.11 | |
| 6 | 29.50 | 9010* | BLUE GREEN DUPONT P | 51.9 | 50.0 | 105.10 | 195357 | 199690 | | 199690 | 102.22 | |
| 6 | 27.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 37.41 | | MACH SUBTOTAL | 494.7 | 450.3 | 99.30 | 2268683 | 2274150 | 45093 | 2229057 | 98.25 | 97.( |
| | 29.50 | | *MACH SUBTOTAL | 51.9 | 50.0 | 105.10 | 195357 | 199690 | | 199690 | 102.22 | 107.( |

REPORT: R4PS7610 — S C M A L L I E D P A P E R I N C. — PAGE 2
RUN DATE: 01/29/85 — DAILY PRODUCTION SYSTEM
RUN TIME: 120207 — PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1985

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 36.77 | | MACH TOTAL 1.09091 | 546.6 | 500.3 | 99.85 | 2464040 | 2473840 | 45093 | 2428747 | 98.57 | 98.42 |
| 35.89 | | MILL C SUBTOTAL | 1074.7 | 969.4 | 98.40 | 3607481 | 3803650 | 81143 | 3722507 | 103.19 | 101.54 |
| 29.50 | | *MILL C SUBTOTAL | 51.9 | 50.0 | 105.10 | 195357 | 199690 | | 199690 | 102.22 | 107.43 |
| 35.57 | | MILL C TOTAL | 1126.6 | 1019.4 | 98.71 | 3802838 | 4003340 | 81143 | 3922197 | 103.14 | 101.81 |
| 38.00 | 203 | LAUREL TEXT - RS | 30.6 | 29.0 | 103.39 | 135544 | 150070 | | 150070 | 110.72 | |
| 45.00 | 1207 | A 7 PRIDE | 4.2 | 3.9 | 101.30 | 22612 | 20970 | | 20970 | 92.74 | |
| 50.00 | 1208 | A.M. PRIDE | 41.4 | 39.7 | 104.61 | 217386 | 212270 | | 212270 | 97.65 | |
| 40.00 | 1503 | WHITE SPEC K OFFSET | 18.7 | 17.8 | 103.84 | 98518 | 105240 | | 105240 | 106.82 | |
| 50.00 | 1533 | WHITE SPEC K OFFSET | 46.8 | 41.7 | 97.20 | 254637 | 215205 | | 215205 | 84.51 | |
| 30.00 | 1800 | PRIDE OPAQUE | 16.3 | 14.7 | 98.38 | 49968 | 56190 | 1100 | 55090 | 110.25 | |
| 35.00 | 1805 | ALLIED PRIDE | | | | | | 1150 | 1150- | | |
| 30.00 | 1840 | SPEC ALLIED PRIDE | 38.4 | 32.1 | 91.19 | 117486 | 109380 | | 109380 | 93.10 | |
| 45.00 | 1901 | TENNYSON OFFSET | 17.6 | 16.1 | 99.79 | 94783 | 91860 | | 91860 | 96.92 | |
| 35.00 | 2204 | IMPERIAL BIBLE | 4.8 | 3.8 | 86.36 | 18160 | 18290 | | 18290 | 100.72 | |
| 24.00 | 2210 | C W IMPERIAL BIBLE | 40.2 | 39.2 | 106.38 | 117409 | 141760 | 2270 | 139490 | 118.81 | |
| 30.00 | 2240 | LAWYERS WHITE OFFSE | 54.2 | 50.5 | 101.64 | 196056 | 216120 | | 216120 | 110.23 | |
| 35.00 | 2241 | LAWYERS OFFSET | 50.1 | 47.8 | 104.08 | 228434 | 230310 | 1180 | 229130 | 100.30 | |
| 30.00 | 2503 | SOLITUDE OPAQUE | 29.7 | 27.6 | 101.38 | 96048 | 114620 | 3450 | 111170 | 115.74 | |
| 30.00 | 2543 | A.P. LIGHTWEIGHT | 5.3 | 3.7 | 76.16 | 14319 | 14440 | | 14440 | 100.85 | |
| 38.00 | 3040 | SPECIAL SUPERIOR BO | 45.8 | 38.9 | 92.66 | 195121 | 215625 | | 215625 | 110.51 | |
| 50.00 | 3502 | SCHOOL COTE | | | | | | | | | |
| 39.00 | 3534 | SCHOOL COTE | 11.7 | 10.6 | 98.83 | 36124 | 28530 | 1730 | 26800 | 74.19 | |
| 40.00 | 7100 | K WHITE OFFSET | 4.7 | 4.4 | 102.13 | 23819 | 22120 | 860 | 21260 | 89.26 | |
| 45.00 | 7101 | K WHITE OFFSET | 14.2 | 12.7 | 97.57 | 76951 | 78980 | 2250 | 76730 | 99.71 | |
| 50.00 | 7102 | K WHITE OFFSET | 78.0 | 70.3 | 98.32 | 424301 | 419890 | | 419890 | 98.96 | |
| 60.00 | 7104 | K WHITE OFFSET | 5.5 | 4.7 | 93.22 | 30860 | 29920 | | 29920 | 96.95 | |
| 55.00 | 7123 | BW K OFFSET - ANTIQ | 32.1 | 29.0 | 98.56 | 190509 | 184180 | | 184180 | 96.68 | |
| 40.00 | 7200 | RAVENSWOOD OPAQUE | 10.9 | 9.8 | 98.08 | 51864 | 56300 | | 56300 | 108.55 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | | | | | | 3510 | 3510- | | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 30.3 | 29.3 | 105.49 | 182790 | 191660 | 1400 | 190260 | 104.09 | |
| 60.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| 41.78 | | MACH TOTAL 1.09091 | 631.5 | 577.3 | 99.73 | 2873699 | 2923930 | 18900 | 2905030 | 101.09 | 100.82 |
| 90.00 | 209 | LAUREL TEXT R.S. | 12.7 | 12.0 | 103.08 | 61899 | 50920 | | 50920 | 82.26 | |
| 68.50 | 291* | A P WALLPAPER BASE | 11.1 | 8.7 | 85.50 | 46174 | 46870 | 30136 | 16734 | 36.24 | |
| 38.00 | 1108 | RAM TEXT VELLUM | 42.0 | 36.2 | 94.03 | 143061 | 162200 | | 162200 | 113.38 | |
| 50.00 | 1533 | WHITE SPEC K OFFSET | 24.6 | 22.4 | 99.33 | 124626 | 129160 | | 129160 | 103.64 | |
| 60.00 | 1559 | WHITE SPEC K OFFSET | | | | | | 4100 | 4100- | | |
| 50.00 | 1702 | J OPACIFIED OFFSET | 26.7 | 25.8 | 105.41 | 153867 | 145580 | | 145580 | 94.61 | |
| 33.00 | 1803 | ALLIED PRIDE | 3.4 | 2.4 | 77.01 | 8415 | 7950 | | 7950 | 94.47 | |
| 43.00 | 2243 | LAWYERS OFFSET | 44.9 | 39.5 | 95.97 | 203438 | 216670 | | 216670 | 106.50 | |
| 50.00 | 2536 | I B M MANUAL | | | | | | 2722 | 2722- | | |
| 50.00 | 3002 | SUPERIOR OFFSET | 37.5 | 36.0 | 104.73 | 203382 | 205210 | | 205210 | 100.90 | |

SA 053998

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.00 | 7000 | CALENDAR PAD OFFSET | | | | | | | | | |
| 40.00 | 7100 | K WHITE OFFSET | 8.9 | 8.1 | 99.29 | 36531 | 38850 | 1600 | 37250 | 101.97 | |
| 45.00 | 7101 | K WHITE OFFSET | 6.6 | 6.0 | 99.17 | 31198 | 32310 | | 32310 | 103.56 | |
| 50.00 | 7102 | K WHITE OFFSET | 146.2 | 139.0 | 103.72 | 801900 | 782490 | | 782490 | 97.58 | |
| 60.00 | 7104 | K WHITE OFFSET | 106.0 | 97.4 | 100.24 | 556195 | 626930 | | 626930 | 112.72 | |
| 70.00 | 7105 | K WHITE OFFSET | 6.7 | 2.3 | 37.45 | 14462 | 14200 | | 14200 | 98.19 | |
| 45.00 | 7121 | B.W. K OFFSET - ANT | 44.3 | 43.2 | 106.38 | 207588 | 216590 | | 216590 | 104.34 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 58.2 | 47.2 | 88.47 | 262186 | 272300 | | 272300 | 103.86 | |
| 60.00 | 7124 | B W K OFFSET ANTIQU | 6.6 | 6.5 | 107.44 | 35762 | 41550 | | 41550 | 116.18 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 4.5 | 4.4 | 106.67 | 21093 | 18850 | | 18850 | 89.37 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 24.0 | 22.5 | 102.27 | 124737 | 119500 | | 119500 | 95.80 | |
| 60.00 | 7204 | RAVENSWOOD OPAQUE | 34.2 | 29.9 | 95.37 | 164507 | 177050 | | 177050 | 107.62 | |
| 68.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| 51.67 | | MACH SUBTOTAL | 638.0 | 580.8 | 99.31 | 3154847 | 3258310 | 8422 | 3249888 | 103.01 | 102.30 |
| 68.50 | | *MACH SUBTOTAL | 11.1 | 8.7 | 85.50 | 46174 | 46870 | 30136 | 16734 | 36.24 | 30.99 |
| 51.91 | | MACH TOTAL 1.09091 | 649.1 | 589.5 | 99.07 | 3201021 | 3305180 | 38558 | 3266622 | 102.05 | 101.10 |
| 38.00 | 203 | LAUREL TEXT - RS | 21.2 | 12.8 | 65.87 | 53082 | 50020 | | 50020 | 94.23 | |
| 48.00 | 253 | HWT - NON BLEED R.S | 15.5 | 13.6 | 95.72 | 78629 | 64530 | | 64530 | 82.07 | |
| 55.00 | 274* | TYPE 904-B R.S. | 22.2 | 20.0 | 98.28 | 92323 | 77190 | 4800 | 72390 | 78.41 | |
| 60.00 | 276 | TYPE IV E DT BLADE | 64.0 | 53.4 | 91.02 | 265906 | 283430 | 2890 | 280540 | 105.50 | |
| 68.50 | 291* | A P WALLPAPER BASE | 11.2 | 9.7 | 94.48 | 46872 | 53500 | | 53500 | 114.14 | |
| 68.50 | 292 | AP WALLPAPER BASE | 2.0 | 1.0 | 54.55 | 4783 | 5840 | | 5840 | 122.10 | |
| 45.00 | 1000 | Q.P. OFFSET | 83.3 | 79.4 | 103.98 | 414557 | 447490 | 1570 | 445920 | 107.57 | |
| 50.00 | 1208 | A.M. PRIDE | 36.2 | 26.4 | 79.56 | 142055 | 154660 | | 154660 | 108.87 | |
| 60.00 | 1210 | GENERIC OFFSET | 2.3 | 1.8 | 85.38 | 9903 | 11040 | | 11040 | 111.48 | |
| 70.00 | 1211 | GENERIC OFFSET | 2.2 | 1.8 | 89.26 | 10243 | 8250 | | 8250 | 80.54 | |
| 50.00 | 1533 | WHITE SPEC K OFFSET | 5.0 | 4.8 | 104.73 | 25200 | 29210 | 2180 | 27030 | 107.26 | |
| 60.00 | 1559 | WHITE SPEC K OFFSET | .8 | .6 | 81.82 | 3301 | 3500 | | 3500 | 106.03 | |
| 30.00 | 1800 | PRIDE OPAQUE | 3.0 | 1.2 | 43.64 | 4013 | | | | | |
| 45.00 | 1901 | TENNYSON OFFSET | | | | | | 4420 | 4420- | | |
| 28.00 | 2101 | BRITISH OPAQUE | 14.6 | 13.0 | 97.14 | 38146 | 32290 | 1150 | 31140 | 81.63 | |
| 33.00 | 2203 | IMPERIAL BIBLE | 22.5 | 17.1 | 82.91 | 59814 | 55600 | | 55600 | 92.95 | |
| 40.00 | 2513 | IBM SUPERIOR OFFSET | 17.5 | 16.2 | 100.99 | 69740 | 80490 | | 80490 | 115.41 | |
| 40.00 | 2535 | MANUAL OFFSET | 18.9 | 18.3 | 105.63 | 80281 | 88320 | | 88320 | 110.01 | |
| 50.00 | 2536 | I & M MANUAL | 107.0 | 91.6 | 93.39 | 484295 | 514720 | 1270 | 513450 | 106.02 | |
| 40.00 | 7000 | CALENDAR PAD OFFSET | 18.1 | 17.8 | 107.28 | 83196 | 89630 | | 89630 | 107.73 | |
| 40.00 | 7100 | K WHITE OFFSET | 20.5 | 18.1 | 96.32 | 79693 | 78780 | | 78780 | 98.85 | |
| 45.00 | 7101 | K WHITE OFFSET | 7.8 | 5.2 | 72.73 | 25721 | 12570 | | 12570 | 48.87 | |
| 50.00 | 7102 | K WHITE OFFSET | 72.6 | 62.0 | 93.16 | 325495 | 340610 | 3620 | 336990 | 103.53 | |
| 60.00 | 7104 | K WHITE OFFSET | 12.8 | 11.4 | 97.16 | 65021 | 72980 | | 72980 | 112.24 | |
| 45.00 | 7121 | B.W. K OFFSET - ANT | | | | | | | | | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 25.6 | 24.8 | 105.68 | 138765 | 148820 | 1230 | 147590 | 106.36 | |
| 55.00 | 7123 | BW K OFFSET - ANTIQ | 6.7 | 6.7 | 109.09 | 37564 | 41650 | | 41650 | 110.88 | |
| 40.00 | 7200 | RAVENSWOOD OPAQUE | 4.3 | 3.8 | 96.41 | 18072 | 20520 | | 20520 | 113.55 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 18.3 | 16.9 | 100.75 | 89320 | 91190 | | 91190 | 102.09 | |

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-O | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68.50 | 9030* | SATURATED VELLUM BA | 12.4 | 10.2 | 89.74 | 47998 | 44430 | | 44430 | 92.57 | |
| 48.51 | | MACH SUBTOTAL | 602.7 | 519.7 | 94.07 | 2606795 | 2726140 | 18330 | 2707810 | 103.88 | 97.71 |
| 62.55 | | *MACH SUBTOTAL | 45.8 | 39.9 | 95.04 | 187193 | 175120 | 4800 | 170320 | 90.99 | 86.47 |
| 49.35 | | MACH TOTAL 1.09091 | 648.5 | 559.6 | 94.14 | 2793988 | 2901260 | 23130 | 2878130 | 103.01 | 96.97 |
| 47.46 | | MILL D SUBTOTAL | 1872.2 | 1677.8 | 97.76 | 8635341 | 8908380 | 45652 | 8862728 | 102.63 | 100.34 |
| 63.81 | | *MILL D SUBTOTAL | 56.9 | 48.6 | 93.18 | 233367 | 221990 | 34936 | 187054 | 80.15 | 74.69 |
| 47.86 | | MILL D TOTAL | 1929.1 | 1726.4 | 97.63 | 8868708 | 9130370 | 80588 | 9049782 | 102.04 | 99.62 |
| 44.00 | | BOOK MILL SUBTOT | 2946.9 | 2647.2 | 98.00 | 12242822 | 12712030 | 126795 | 12585235 | 102.80 | 100.74 |
| 47.56 | | *BOOK MILL SUBTOT | 108.8 | 98.6 | 98.86 | 428724 | 421680 | 34936 | 386744 | 90.21 | 89.18 |
| 44.11 | | BOOK MILL TOTAL | 3055.7 | 2745.8 | 98.03 | 12671546 | 13133710 | 161731 | 12971979 | 102.37 | 100.35 |
| 50.00 | 803 | LAUREL TEXT | 32.7 | 23.0 | 80.38 | 213212 | 177390 | 3124 | 174266 | 81.73 | |
| 99.99 | 809 | LAUREL TEXT | 8.0 | 7.4 | 105.71 | 90435 | 49517 | | 49517 | 54.75 | |
| 55.00 | 853 | H W MASTER - NON BL | 22.1 | 7.7 | 39.82 | 61999 | 32110 | 2646 | 29464 | 47.52 | |
| 78.00 | 874* | TYPE 904-B | 36.6 | 28.2 | 88.06 | 79150 | 52377 | | 52377 | 66.17 | |
| 87.50 | 876 | MASTERBASE TYPE IV | 63.6 | 57.8 | 103.86 | 249923 | 187230 | 1375 | 185855 | 74.36 | |
| 82.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| 71.64 | | BLADE SUBTOTAL | 126.4 | 95.9 | 86.71 | 615569 | 446247 | 7145 | 439102 | 71.33 | 61.85 |
| 78.00 | | *BLADE SUBTOTAL | 36.6 | 28.2 | 88.06 | 79150 | 52377 | | 52377 | 66.17 | 58.27 |
| 72.31 | | BLADE COATER 1.14286 | 163.0 | 124.1 | 87.01 | 694719 | 498624 | 7145 | 491479 | 70.75 | 61.56 |
| 44.94 | | GRAND SUBTOTAL | 3073.3 | 2743.1 | 97.53 | 12858391 | 13158277 | 133940 | 13024337 | 101.29 | 98.79 |
| 50.92 | | *GRAND SUBTOTAL | 145.4 | 126.8 | 96.14 | 507874 | 474057 | 34936 | 439121 | 86.46 | 83.13 |
| 45.14 | | GRAND TOTAL | 3218.7 | 2869.9 | 97.47 | 13366265 | 13632334 | 168876 | 13463458 | 100.73 | 98.18 |

ROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 1
UN DATE: 01/29/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1202 | SPECIAL AM PRIDE | 570 | 570 | 9 | | 100.00 |
| | | | | | 9 | | |
| | 1207 | A 7 PRIDE | 470 | 590 | 2 | 15020 | 125.53 |
| | | | | 590 | 2 | 15020 | 125.53 |
| | 1228 | CUSTOM OFFSET | 640 | 700 | 2 | 30050 | 109.37 |
| | | | | 700 | 2 | 30050 | 109.37 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 680 | | 1 | | |
| | | | 680 | 700 | 5 | 65690 | 102.94 |
| | | | 680 | 720 | 2 | 31600 | 105.88 |
| | | | | 706 | 8 | 97290 | 103.89 |
| | 1533 | WHITE SPEC K OFFSET | 420 | 590 | 3 | 56240 | 140.47 |
| | | | | 590 | 3 | 56240 | 140.47 |
| | 1810 | BW PRIDE OPAQUE | 540 | 610 | 4 | 87230 | 112.96 |
| | | | | 610 | 4 | 87230 | 112.96 |
| | 2000 | BRITE LITE THIN | 680 | 600 | 1 | 600 | 88.23 |
| | | | 680 | 735 | 1 | 6480 | 108.08 |
| | | | 680 | 740 | 10 | 115330 | 108.82 |
| | | | | 739 | 12 | 122410 | 108.68 |
| | 2001 | BRITE LITE THIN | 680 | 730 | 2 | 4740 | 107.35 |
| | | | | 730 | 2 | 4740 | 107.35 |
| | 2018 | BRITE LITE THIN | 650 | 700 | 3 | 21460 | 107.69 |
| | | | 650 | 740 | 1 | 4520 | 113.84 |
| | | | | 707 | 4 | 25980 | 108.76 |
| | 2101 | BRITISH OPAQUE | 640 | | 1 | | |
| | | | 640 | 630 | 3 | 47640 | 98.43 |
| | | | | 630 | 4 | 47640 | 98.43 |
| | 2204 | IMPERIAL BIBLE | 570 | 620 | 4 | 93330 | 108.77 |
| | | | 570 | 660 | 6 | 172200 | 115.78 |
| | | | | 646 | 10 | 265530 | 113.32 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 570 | 600 | 4 | 40370 | 105.26 |
| | | | | 600 | 4 | 40370 | 105.26 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 680 | 730 | 4 | 48610 | 107.35 |
| | | | | 730 | 4 | 48610 | 107.35 |
| | 2542 | A P LIGHT WEIGHT | 680 | 720 | 3 | 52320 | 105.88 |
| | | | 680 | 730 | 3 | 40100 | 107.35 |
| | | | | 724 | 6 | 92420 | 106.52 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2545 | A.P. LIGHTWEIGHT | 570 | 600 | 2 | 48840 | 105.26 |
| | | | 570 | 610 | 1 | 24380 | 107.01 |
| | | | 570 | 660 | 7 | 118460 | 115.78 |
| | | | | 638 | 10 | 191690 | 111.98 |
| | 2551 | A.P. LIGHTWEIGHT | 640 | 700 | 5 | 84690 | 109.37 |
| | | | | 700 | 5 | 84690 | 109.37 |
| | 3000 | SUPERIOR OFFSET | 540 | 600 | 2 | 18650 | 111.11 |
| | | | | 600 | 2 | 18650 | 111.11 |
| | 7100 | K WHITE OFFSET | 540 | 640 | 1 | 10030 | 118.51 |
| | | | 540 | 660 | 2 | 37150 | 122.22 |
| | | | | 656 | 3 | 47180 | 121.43 |
| | 7101 | K WHITE OFFSET | 470 | 600 | 4 | 106370 | 127.65 |
| | | | 470 | 620 | 3 | 81970 | 131.91 |
| | | | | 609 | 7 | 188340 | 129.50 |
| | 7102 | K WHITE OFFSET | 420 | 500 | 3 | 15850 | 119.04 |
| | | | | 500 | 3 | 15850 | 119.04 |
| | 7201 | RAVENSWOOD OPAQUE | 470 | | 1 | | |
| | | | 470 | 590 | 1 | 15090 | 125.53 |
| | | | | 590 | 2 | 15090 | 125.53 |
| | 7202 | RAVENSWOOD OPAQUE | 420 | 590 | 2 | 34490 | 140.47 |
| | | | | 590 | 2 | 34490 | 140.47 |
| | 9600 | TRIAL RUNS | | 500 | 1 | | |
| | | | | | 1 | | |
| | | | | 655 | 109 | 1529500 | 114.62 |

MACH SPEED FFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| 1100 | BW RAMTEXT NEW SHADE EB | 770 | 750 | 1 | 3420 | 97.40 |
| | | 770 | 770 | 16 | 411520 | 100.00 |
| | | 770 | 800 | 4 | 118620 | 103.89 |
| | | | 777 | 21 | 533560 | 100.85 |
| 1202 | SPECIAL AM PRIDE | 760 | 760 | 6 | | 100.00 |
| | | | | 6 | | |
| 1206 | SPEC A.M. PRIDE | 750 | 740 | 1 | 4100 | 98.66 |
| | | 750 | 770 | 16 | 535930 | 102.66 |
| | | | 770 | 17 | 540030 | 102.63 |
| 1208 | A.M. PRIDE | 730 | 760 | 2 | 47580 | 104.10 |
| | | | 760 | 2 | 47580 | 104.10 |
| 1533 | WHITE SPEC K OFFSET | 730 | 720 | 2 | 76860 | 98.63 |
| | | | 720 | 2 | 76860 | 98.63 |
| 1805 | ALLIED PRIDE | 760 | 770 | 9 | 267460 | 101.31 |
| | | | 770 | 9 | 267460 | 101.31 |
| 2504 | SOLITUDE OPAQUE | 760 | 770 | 2 | 43750 | 101.31 |
| | | | 770 | 2 | 43750 | 101.31 |
| 2545 | A.P. LIGHTWEIGHT | 760 | 770 | 2 | 46620 | 101.31 |
| | | | 770 | 2 | 46620 | 101.31 |
| 7102 | K WHITE OFFSET | 730 | 740 | 5 | 96770 | 101.36 |
| | | 730 | 760 | 3 | 122120 | 104.10 |
| | | | 751 | 8 | 218890 | 102.69 |
| 7122 | B & K OFFSET - ANTIQUE | 730 | 730 | 2 | 20580 | 100.00 |
| | | | 730 | 2 | 20580 | 100.00 |
| 7202 | RAVENSWOOD OPAQUE | 730 | 760 | 6 | 127480 | 104.10 |
| | | | 760 | 6 | 127480 | 104.10 |
| 9001 | DUPONT PAPER (BLUE) | 650 | 750 | 12 | 351340 | 115.38 |
| | | | 750 | 12 | 351340 | 115.38 |
| 9010 | BLUE GREEN DUPONT PAPER | 650 | | 1 | | |
| | | 650 | 750 | 7 | 199690 | 115.38 |
| | | | 750 | 8 | 199690 | 115.38 |
| 9600 | TRIAL RUNS | | | 2 | | |
| | | | 670 | 2 | | |
| | | | 730 | 4 | | |
| | | | 750 | 6 | | |
| | | | | 14 | | |

50 854003

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 763 | 111 | 2473840 | 104.88 |

NACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 203 | LAUREL TEXT - RS | 740 | 770 | 4 | 150070 | 104.05 |
| | | | | 770 | 4 | 150070 | 104.05 |
| | 1207 | A 7 PRIDE | 710 | 700 | 1 | 20970 | 98.59 |
| | | | | 700 | 1 | 20970 | 98.59 |
| | 1208 | A.M. PRIDE | 680 | | 1 | | |
| | | | 680 | 630 | 5 | 48400 | 92.64 |
| | | | 680 | 640 | 3 | 40240 | 94.11 |
| | | | 680 | 680 | 3 | 81360 | 100.00 |
| | | | 680 | 700 | 2 | 42270 | 102.94 |
| | | | | 665 | 14 | 212270 | 97.79 |
| | 1503 | WHITE SPEC K OFFSET | 740 | 750 | 3 | 105240 | 101.35 |
| | | | | 750 | 3 | 105240 | 101.35 |
| | 1533 | WHITE SPEC K OFFSET | 680 | 650 | 6 | 77030 | 95.58 |
| | | | 680 | 680 | 1 | | 100.00 |
| | | | 680 | 700 | 6 | 104890 | 102.94 |
| | | | 680 | 710 | 2 | 33285 | 104.41 |
| | | | | 684 | 15 | 215205 | 100.53 |
| | 1800 | PRIDE OPAQUE | 750 | 800 | 2 | 7800 | 106.66 |
| | | | 750 | 820 | 3 | 48390 | 109.33 |
| | | | | 817 | 5 | 56190 | 108.96 |
| | 1840 | SPEC ALLIED PRIDE | 750 | 780 | 2 | 36430 | 104.00 |
| | | | 750 | 800 | 3 | 55610 | 106.66 |
| | | | 750 | 835 | 2 | 17340 | 111.33 |
| | | | | 799 | 7 | 109380 | 106.51 |
| | 1901 | TENNYSON OFFSET | 710 | 720 | 1 | 16540 | 101.40 |
| | | | 710 | 730 | 2 | 75320 | 102.81 |
| | | | | 728 | 3 | 91860 | 102.56 |
| | 2204 | IMPERIAL BIBLE | 750 | 770 | 2 | 18290 | 102.66 |
| | | | | 770 | 2 | 18290 | 102.66 |
| | 2210 | C W IMPERIAL BIBLE | 740 | 770 | 1 | 11860 | 104.05 |
| | | | 740 | 800 | 6 | 129900 | 108.10 |
| | | | | 797 | 7 | 141760 | 107.76 |
| | 2240 | LAWYERS WHITE OFFSET | 750 | 780 | 9 | 216120 | 104.00 |
| | | | | 780 | 9 | 216120 | 104.00 |
| | 2241 | LAWYERS OFFSET | 750 | 760 | 6 | 105060 | 101.33 |
| | | | 750 | 790 | 3 | 125250 | 105.33 |
| | | | | 776 | 9 | 230310 | 103.51 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2503 | SOLITUDE OPAQUE | 750 | 820 | 4 | 114620 | 109.33 |
| | | | | 820 | 4 | 114620 | 109.33 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 800 | 2 | 14440 | 106.66 |
| | | | | 800 | 2 | 14440 | 106.66 |
| | 3040 | SPECIAL SUPERIOR BOOK | 740 | 740 | 2 | 71830 | 100.00 |
| | | | 740 | 750 | 2 | 64990 | 101.35 |
| | | | 740 | 760 | 2 | 78805 | 102.70 |
| | | | | 750 | 6 | 215625 | 101.39 |
| | 3534 | SCHOOL COTE | 630 | 650 | 2 | 28530 | 103.17 |
| | | | | 650 | 2 | 28530 | 103.17 |
| | 7100 | K WHITE OFFSET | 740 | 760 | 2 | 22120 | 102.70 |
| | | | | 760 | 2 | 22120 | 102.70 |
| | 7101 | K WHITE OFFSET | 710 | 690 | 1 | 41100 | 97.18 |
| | | | 710 | 700 | 1 | 12680 | 98.59 |
| | | | 710 | 730 | 1 | 25200 | 102.81 |
| | | | | 704 | 3 | 78980 | 99.20 |
| | 7102 | K WHITE OFFSET | 680 | 630 | 3 | 41440 | 92.64 |
| | | | 680 | 640 | 1 | 42250 | 94.11 |
| | | | 680 | 680 | 8 | 121330 | 100.00 |
| | | | 680 | 690 | 2 | 41750 | 101.47 |
| | | | 680 | 700 | 2 | 98240 | 102.94 |
| | | | 680 | 720 | 4 | 74880 | 105.88 |
| | | | | 684 | 20 | 419890 | 100.56 |
| | 7104 | K WHITE OFFSET | 580 | 600 | 1 | 29920 | 103.44 |
| | | | | 600 | 1 | 29920 | 103.44 |
| | 7123 | BW K OFFSET - ANTIQUE | 630 | 580 | 4 | 114880 | 92.06 |
| | | | 630 | 625 | 3 | 69300 | 99.20 |
| | | | | 597 | 7 | 184180 | 94.75 |
| | 7200 | RAVENSWOOD OPAQUE | 740 | 750 | 3 | 56300 | 101.35 |
| | | | | 750 | 3 | 56300 | 101.35 |
| | 7202 | RAVENSWOOD OPAQUE | 680 | 690 | 4 | 86860 | 101.47 |
| | | | 680 | 700 | 2 | 60360 | 102.94 |
| | | | 680 | 720 | 1 | 44440 | 105.88 |
| | | | | 700 | 7 | 191660 | 102.96 |
| | 9600 | TRIAL RUNS | | | 2 | | |
| | | | | 500 | 1 | | |
| | | | | 600 | 1 | | |
| | | | | 660 | 1 | | |

MACH SPEED EFFICIENCY BY GRADE ,THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCES | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 726 | 141 | 2923930 | 102.12 |

MACH SPEED EFFICIENCY BY GRADE ,THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 209 | LAUREL TEXT R.S. | 400 | | 1 | | |
| | | | 400 | 400 | 2 | 50920 | 100.00 |
| | | | | 400 | 3 | 50920 | 100.00 |
| | 291 | A P WALLPAPER BASE | 500 | 500 | 2 | 46870 | 100.00 |
| | | | | 500 | 2 | 46870 | 100.00 |
| | 1108 | RAM TEXT VELLUM | 750 | 780 | 6 | 162200 | 104.00 |
| | | | | 780 | 6 | 162200 | 104.00 |
| | 1533 | WHITE SPEC K OFFSET | 750 | 750 | 2 | 45050 | 100.00 |
| | | | 750 | 760 | 4 | 84110 | 101.33 |
| | | | | 757 | 6 | 129160 | 100.87 |
| | 1702 | J OPACIFIED OFFSET | 750 | 750 | 4 | 93920 | 100.00 |
| | | | 750 | 760 | 2 | 51660 | 101.33 |
| | | | | 754 | 6 | 145580 | 100.47 |
| | 1803 | ALLIED PRIDE | 750 | 770 | 2 | 7950 | 102.66 |
| | | | | 770 | 2 | 7950 | 102.66 |
| | 2243 | LAWYERS OFFSET | 750 | 770 | 7 | 216670 | 102.66 |
| | | | | 770 | 7 | 216670 | 102.66 |
| | 3002 | SUPERIOR OFFSET | 750 | 760 | 6 | 205210 | 101.33 |
| | | | | 760 | 6 | 205210 | 101.33 |
| | 7100 | K WHITE OFFSET | 750 | 780 | 2 | 38850 | 104.00 |
| | | | | 780 | 2 | 38850 | 104.00 |
| | 7101 | K WHITE OFFSET | 750 | 750 | 2 | 13710 | 100.00 |
| | | | 750 | 760 | 1 | 15600 | 101.33 |
| | | | 750 | 770 | 1 | 3000 | 102.66 |
| | | | | 757 | 4 | 32310 | 100.89 |
| | 7102 | K WHITE OFFSET | 750 | 750 | 28 | 568970 | 100.00 |
| | | | 750 | 760 | 10 | 213520 | 101.33 |
| | | | | 753 | 38 | 782490 | 100.36 |
| | 7104 | K WHITE OFFSET | 620 | | 1 | | |
| | | | 620 | 640 | 1 | 10680 | 103.22 |
| | | | 620 | 650 | 14 | 402540 | 104.83 |
| | | | 620 | 660 | 6 | 99510 | 106.45 |
| | | | 620 | 670 | 5 | 114200 | 108.06 |
| | | | | 655 | 27 | 626930 | 105.65 |
| | 7105 | K WHITE OFFSET | 530 | 530 | 1 | | 100.00 |
| | | | 530 | 570 | 1 | 14200 | 107.54 |
| | | | | 570 | 2 | 14200 | 107.54 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7121 | B.W. K OFFSET - ANTIQUE | 750 | 780 | 9 | 216590 | 104.00 |
| | | | | 780 | 9 | 216590 | 104.00 |
| | 7122 | B W K OFFSET - ANTIQUE | 750 | 730 | 1 | 40940 | 97.33 |
| | | | 750 | 750 | 10 | 155120 | 100.00 |
| | | | 750 | 770 | 2 | 76240 | 102.66 |
| | | | | 753 | 13 | 272300 | 100.34 |
| | 7124 | B W K OFFSET ANTIQUE | 620 | 660 | 2 | 41550 | 106.45 |
| | | | | 660 | 2 | 41550 | 106.45 |
| | 7201 | RAVENSWOOD OPAQUE | 750 | 770 | 1 | 18850 | 102.66 |
| | | | | 770 | 1 | 18850 | 102.66 |
| | 7202 | RAVENSWOOD OPAQUE | 750 | 760 | 8 | 119500 | 101.33 |
| | | | | 760 | 8 | 119500 | 101.33 |
| | 7204 | RAVENSWOOD OPAQUE | 620 | 650 | 7 | 177050 | 104.83 |
| | | | | 650 | 7 | 177050 | 104.83 |
| | 9600 | TRIAL RUNS | | 500 | 2 | | |
| | | | | | 2 | | |
| | | | | 723 | 153 | 3305180 | 102.45 |

SD 054009

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 203 | LAUREL TEXT - RS | 750 | 770 | 3 | 50020 | 102.66 |
| | | | | 770 | 3 | 50020 | 102.66 |
| | 253 | HWT - NON BLEED R.S. | 720 | 700 | 2 | 43180 | 97.22 |
| | | | 720 | 720 | 2 | 21350 | 100.00 |
| | | | | 707 | 4 | 64530 | 98.14 |
| | 274 | TYPE 904-8 R.S. | 580 | 580 | 3 | 48530 | 100.00 |
| | | | 580 | 600 | 3 | 28660 | 103.44 |
| | | | | 587 | 6 | 77190 | 101.28 |
| | 276 | TYPE IV E DT BLADE BASE | 500 | 560 | 10 | 283430 | 112.00 |
| | | | | 560 | 10 | 283430 | 112.00 |
| | 291 | A P WALLPAPER BASE | 457 | 460 | 3 | 53500 | 102.22 |
| | | | | 460 | 3 | 53500 | 102.22 |
| | 292 | AP WALLPAPER BASE | 450 | 460 | 2 | 5840 | 102.22 |
| | | | | 460 | 2 | 5840 | 102.22 |
| | 1000 | O.P. OFFSET | 730 | 750 | 3 | 76340 | 102.73 |
| | | | 730 | 760 | 6 | 169060 | 104.10 |
| | | | 730 | 770 | 6 | 202090 | 105.47 |
| | | | | 763 | 15 | 447490 | 104.48 |
| | 1208 | A.M. PRIDE | 710 | 740 | 2 | 12100 | 104.22 |
| | | | 710 | 750 | 8 | 142560 | 105.63 |
| | | | | 749 | 10 | 154660 | 105.52 |
| | 1210 | GENERIC OFFSET | 620 | 750 | 2 | 11040 | 120.96 |
| | | | | 750 | 2 | 11040 | 120.96 |
| | 1211 | GENERIC OFFSET | 550 | 530 | 1 | 8250 | 96.36 |
| | | | | 530 | 1 | 8250 | 96.36 |
| | 1533 | WHITE SPEC K OFFSET | 710 | 740 | 2 | 29210 | 104.22 |
| | | | | 740 | 2 | 29210 | 104.22 |
| | 1559 | WHITE SPEC K OFFSET | 620 | 650 | 1 | 3500 | 104.83 |
| | | | | 650 | 1 | 3500 | 104.83 |
| | 1800 | PRIDE OPAQUE | 740 | 760 | 1 | | 102.70 |
| | | | | | 1 | | |
| | 2101 | BRITISH OPAQUE | 700 | 770 | 4 | 32290 | 110.00 |
| | | | | 770 | 4 | 32290 | 110.00 |
| | 2203 | IMPERIAL BIBLE | 740 | | 1 | | |
| | | | 740 | 750 | 4 | 55600 | 101.35 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 750 | 5 | 55600 | 101.35 |
| | 2513 | IBM SUPERIOR OFFSET | 750 | 780 | 3 | 80490 | 104.00 |
| | | | | 780 | 3 | 80490 | 104.00 |
| | 2535 | MANUAL OFFSET | 750 | 760 | 4 | 88320 | 101.33 |
| | | | | 760 | 4 | 88320 | 101.33 |
| | 2536 | I B M MANUAL | 710 | 740 | 12 | 310470 | 104.22 |
| | | | 710 | 750 | 6 | 160120 | 105.63 |
| | | | 710 | 760 | 2 | 44130 | 107.04 |
| | | | | 745 | 20 | 514720 | 104.90 |
| | 7000 | CALENDAR PAD OFFSET | 750 | 750 | 4 | 89630 | 100.00 |
| | | | | 750 | 4 | 89630 | 100.00 |
| | 7100 | K WHITE OFFSET | 750 | 760 | 3 | 44990 | 101.33 |
| | | | 750 | 770 | 2 | 18370 | 102.66 |
| | | | 750 | 780 | 2 | 15420 | 104.00 |
| | | | | 766 | 7 | 78780 | 102.16 |
| | 7101 | K WHITE OFFSET | 730 | 770 | 2 | 12570 | 105.47 |
| | | | | 770 | 2 | 12570 | 105.47 |
| | 7102 | K WHITE OFFSET | 710 | 730 | 3 | 39070 | 102.81 |
| | | | 710 | 740 | 11 | 193610 | 104.22 |
| | | | 710 | 750 | 6 | 107930 | 105.63 |
| | | | | 742 | 20 | 340610 | 104.51 |
| | 7104 | K WHITE OFFSET | 620 | 640 | 5 | 40940 | 103.22 |
| | | | 620 | 670 | 1 | 32040 | 108.06 |
| | | | | 653 | 6 | 72980 | 105.34 |
| | 7122 | B W K OFFSET - ANTIQUE | 710 | 740 | 10 | 148820 | 104.22 |
| | | | | 740 | 10 | 148820 | 104.22 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | | 1 | | |
| | | | 670 | 700 | 3 | 41650 | 104.47 |
| | | | | 700 | 4 | 41650 | 104.47 |
| | 7200 | RAVENS#COD OPAQUE | 750 | 770 | 1 | 20520 | 102.66 |
| | | | | 770 | 1 | 20520 | 102.66 |
| | 7202 | RAVENS#COD OPAQUE | 710 | 750 | 4 | 91190 | 105.63 |
| | | | | 750 | 4 | 91190 | 105.63 |
| | 9031 | SATURATED VELLUM BASE | 450 | 460 | 4 | 44430 | 102.22 |
| | | | | 460 | 4 | 44430 | 102.22 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 714 | 158 | 2901260 | 104.77 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1985

| H | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 803 | LAUREL TEXT | 1300 | | 3 | | |
| | | | 1300 | 1000 | 3 | 18939 | 76.92 |
| | | | 1300 | 1200 | 5 | | 92.30 |
| | | | 1300 | 1273 | 3 | 47728 | 97.92 |
| | | | 1300 | 1300 | 7 | 110723 | 100.00 |
| | | | | 1261 | 21 | 177390 | 96.98 |
| | 809 | LAUREL TEXT | 950 | 900 | 6 | 49517 | 94.73 |
| | | | | 900 | 6 | 49517 | 94.73 |
| | 853 | H W MASTER - NON BLEED II | 1000 | 1000 | 7 | 19506 | 100.00 |
| | | | 1000 | 1128 | 3 | 12604 | 112.80 |
| | | | | 1050 | 10 | 32110 | 105.02 |
| | 874 | TYPE 964-U | 325 | | 1 | | |
| | | | 325 | 400 | 7 | | 123.07 |
| | | | 325 | 420 | 1 | | 129.23 |
| | | | 325 | 450 | 3 | | 138.46 |
| | | | 325 | 1000 | 5 | 34907 | 307.69 |
| | | | 325 | 1100 | 4 | 17470 | 338.46 |
| | | | | 1033 | 21 | 52377 | 317.95 |
| | 876 | MASTERBASE TYPE IV DT | 345 | 340 | 6 | 61894 | 98.55 |
| | | | 345 | 345 | 3 | 4753 | 100.00 |
| | | | 345 | 350 | 12 | 81124 | 101.44 |
| | | | 345 | 360 | 3 | 20494 | 104.34 |
| | | | 345 | 366 | 3 | 18965 | 106.08 |
| | | | 345 | 380 | 6 | | 110.14 |
| | | | | 349 | 33 | 187230 | 101.24 |
| | 9600 | TRIAL RUNS | | 500 | 1 | | |
| | | | | 515 | 1 | | |
| | | | | | 2 | | |
| | | | | 845 | 93 | 498624 | 122.08 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURPENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1202 | SPECIAL AM PRIDE | 121 | 121 | 9 | | 100.00 |
| | | | | | 9 | | |
| | 1207 | A 7 PRIDE | 105 | 100 | 2 | 15020 | 95.23 |
| | | | | 100 | 2 | 15020 | 95.23 |
| | 1228 | CUSTOM OFFSET | 116 | 105 | 2 | 30050 | 90.51 |
| | | | | 105 | 2 | 30050 | 90.51 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 112 | 114 | 8 | 97290 | 101.78 |
| | | | | 114 | 8 | 97290 | 101.78 |
| | 1533 | WHITE SPEC K OFFSET | 106 | 105 | 3 | 56240 | 99.05 |
| | | | | 105 | 3 | 56240 | 99.05 |
| | 1810 | BW PRIDE OPAQUE | 122 | 105 | 4 | 87230 | 86.06 |
| | | | | 105 | 4 | 87230 | 86.06 |
| | 2000 | BRITE LITE THIN | 110 | 110 | 7 | 94900 | 100.00 |
| | | | 110 | 108 | 5 | 27510 | 98.18 |
| | | | | 110 | 12 | 122410 | 99.59 |
| | 2001 | BRITE LITE THIN | 110 | 114 | 2 | 4740 | 103.63 |
| | | | | 114 | 2 | 4740 | 103.63 |
| | 2018 | BRITE LITE THIN | 110 | 108 | 4 | 25980 | 98.18 |
| | | | | 108 | 4 | 25980 | 98.19 |
| | 2101 | BRITISH OPAQUE | 121 | 112 | 4 | 47640 | 92.56 |
| | | | | 112 | 4 | 47640 | 92.56 |
| | 2204 | IMPERIAL BIBLE | 110 | 110 | 10 | 265530 | 100.00 |
| | | | | 110 | 10 | 265530 | 100.00 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 111 | 2 | 16400 | 105.71 |
| | | | 105 | 105 | 2 | 23970 | 100.00 |
| | | | | 107 | 4 | 40370 | 102.32 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 116 | 105 | 4 | 48610 | 90.51 |
| | | | | 105 | 4 | 48610 | 90.51 |
| | 2542 | A P LIGHT WEIGHT | 105 | 113 | 6 | 92420 | 107.61 |
| | | | | 113 | 6 | 92420 | 107.61 |
| | 2545 | A.P. LIGHTWEIGHT | 110 | 113 | 2 | 20880 | 102.72 |
| | | | 110 | 109 | 2 | 18900 | 99.09 |
| | | | 110 | 107 | 6 | 151900 | 97.27 |
| | | | | 108 | 10 | 191680 | 98.04 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2551 | A.P. LIGHTWEIGHT | 110 | 99 | 5 | 84690 | 90.00 |
| | | | | 99 | 5 | 84690 | 90.00 |
| | 3000 | SUPERIOR OFFSET | 110 | 100 | 2 | 18650 | 90.90 |
| | | | | 100 | 2 | 18650 | 90.90 |
| | 7100 | K WHITE OFFSET | 110 | 105 | 3 | 47180 | 95.45 |
| | | | | 105 | 3 | 47180 | 95.45 |
| | 7101 | K WHITE OFFSET | 110 | 104 | 7 | 188340 | 94.54 |
| | | | | 104 | 7 | 188340 | 94.54 |
| | 7102 | K WHITE OFFSET | 110 | 117 | 3 | 15850 | 106.36 |
| | | | | 117 | 3 | 15850 | 106.36 |
| | 7201 | RAVENSWOOD OPAQUE | 105 | 105 | 2 | 15090 | 100.00 |
| | | | | 105 | 2 | 15090 | 100.00 |
| | 7202 | RAVENSWOOD OPAQUE | 106 | 105 | 2 | 34490 | 99.05 |
| | | | | 105 | 2 | 34490 | 99.05 |
| | 9600 | TRIAL RUNS | | 115 | 1 | | |
| | | | | | 1 | | |
| | | | | 108 | 109 | 1529500 | 97.31 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1100 | BW RAMTEXT NEW SHADE EB | 139 | 138 | 21 | 533560 | 100.00 |
| | | | | 138 | 21 | 533560 | 100.00 |
| | 1202 | SPECIAL AM PRIDE | 145 | 145 | 6 | | 100.00 |
| | | | | | 6 | | |
| | 1206 | SPEC A.M. PRIDE | 142 | 140 | 15 | 524750 | 98.59 |
| | | | 142 | 134 | 2 | 15280 | 94.36 |
| | | | | 140 | 17 | 540030 | 98.47 |
| | 1208 | A.M. PRIDE | 148 | 143 | 2 | 47580 | 96.62 |
| | | | | 143 | 2 | 47580 | 96.62 |
| | 1533 | WHITE SPEC K OFFSET | 142 | 140 | 2 | 76860 | 98.59 |
| | | | | 140 | 2 | 76860 | 98.59 |
| | 1805 | ALLIED PRIDE | 140 | 140 | 7 | 223820 | 100.00 |
| | | | 140 | 132 | 2 | 43640 | 94.28 |
| | | | | 139 | 9 | 267460 | 99.07 |
| | 2504 | SOLITUDE OPAQUE | 140 | 140 | 2 | 43750 | 100.00 |
| | | | | 140 | 2 | 43750 | 100.00 |
| | 2545 | A.P. LIGHTWEIGHT | 140 | 144 | 2 | 46620 | 102.85 |
| | | | | 144 | 2 | 46620 | 102.85 |
| | 7102 | K WHITE OFFSET | 142 | 140 | 1 | 31290 | 98.59 |
| | | | 142 | 135 | 4 | 47810 | 95.07 |
| | | | 142 | 134 | 3 | 139790 | 94.36 |
| | | | | 135 | 8 | 218890 | 95.12 |
| | 7122 | U W K OFFSET - ANTIQUE | 142 | 138 | 2 | 20580 | 97.18 |
| | | | | 138 | 2 | 20580 | 97.18 |
| | 7202 | RAVENSWOOD OPAQUE | 140 | 139 | 2 | 25520 | 99.28 |
| | | | 140 | 138 | 4 | 101960 | 98.57 |
| | | | | 138 | 6 | 127480 | 98.71 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 12 | 351340 | 100.00 |
| | | | | 148 | 12 | 351340 | 100.00 |
| | 9010 | BLUE GREEN DUPONT PAPER | 148 | 148 | 8 | 199690 | 100.00 |
| | | | | 148 | 8 | 199690 | 100.00 |
| | 9600 | TRIAL RUNS | | 148 | 8 | | |
| | | | | 147 | 2 | | |
| | | | | 141 | 2 | | |
| | | | | 140 | 1 | | |
| | | | | 116 | 1 | | |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE 14 | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 141 | 111 | 2473840 | | 98.99 |

SO 058017

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1985

| H GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| 203 | LAUREL TEXT - RS | 126 | 123 | 4 | 150070 | 97.61 |
| | | | 123 | 4 | 150070 | 97.61 |
| 1207 | A 7 PRIDE | 138 | 130 | 1 | 20970 | 94.20 |
| | | | 130 | 1 | 20970 | 94.20 |
| 1208 | A.M. PRIDE | 136 | 135 | 2 | 30960 | 99.26 |
| | | 136 | 120 | 1 | 9280 | 88.23 |
| | | 136 | 117 | 4 | 8480 | 86.02 |
| | | 136 | 116 | 3 | 81360 | 85.29 |
| | | 136 | 105 | 4 | 82190 | 77.20 |
| | | | 115 | 14 | 212270 | 84.35 |
| 1503 | WHITE SPEC K OFFSET | 132 | 137 | 3 | 105240 | 103.78 |
| | | | 137 | 3 | 105240 | 103.78 |
| 1533 | WHITE SPEC K OFFSET | 136 | 137 | 1 | 31125 | 100.73 |
| | | 136 | 134 | 1 | 15100 | 98.52 |
| | | 136 | 129 | 2 | 10630 | 94.85 |
| | | 136 | 128 | 3 | 21355 | 94.11 |
| | | 136 | 126 | 1 | 32900 | 92.64 |
| | | 136 | 125 | 5 | 62025 | 91.91 |
| | | 136 | 123 | 2 | 42070 | 90.44 |
| | | | 128 | 15 | 215205 | 93.84 |
| 1800 | PRIDE OPAQUE | 136 | 114 | 2 | 12960 | 83.82 |
| | | 136 | 113 | 3 | 43230 | 83.08 |
| | | | 113 | 5 | 56190 | 83.25 |
| 1840 | SPEC ALLIED PRIDE | 138 | 122 | 7 | 109380 | 88.40 |
| | | | 122 | 7 | 109380 | 88.40 |
| 1901 | TENNYSON OFFSET | 136 | 132 | 3 | 91860 | 97.05 |
| | | | 132 | 3 | 91860 | 97.05 |
| 2204 | IMPERIAL BIBLE | 134 | 135 | 2 | 18290 | 100.74 |
| | | | 135 | 2 | 18290 | 100.74 |
| 2210 | C W IMPERIAL BIBLE | 128 | 128 | 7 | 141760 | 100.00 |
| | | | 128 | 7 | 141760 | 100.00 |
| 2240 | LAWYERS WHITE OFFSET | 136 | 138 | 5 | 114740 | 101.47 |
| | | 136 | 120 | 4 | 101380 | 88.23 |
| | | | 130 | 9 | 216120 | 95.26 |
| 2241 | LAWYERS OFFSET | 134 | 135 | 9 | 230310 | 100.74 |
| | | | 135 | 9 | 230310 | 100.74 |
| 2503 | SOLITUDE OPAQUE | 134 | 116 | 4 | 114620 | 86.56 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 116 | 4 | 114620 | 86.56 |
| | 2543 | A.P. LIGHTWEIGHT | 138 | 129 | 2 | 14440 | 93.47 |
| | | | | 129 | 2 | 14440 | 93.47 |
| | 3040 | SPECIAL SUPERIOR BOOK | 134 | 132 | 6 | 215625 | 98.50 |
| | | | | 132 | 6 | 215625 | 98.50 |
| | 3534 | SCHOOL CUTE | 136 | 120 | 2 | 28530 | 88.23 |
| | | | | 120 | 2 | 28530 | 88.23 |
| | 7100 | K WHITE OFFSET | 136 | 134 | 2 | 22120 | 98.52 |
| | | | | 134 | 2 | 22120 | 98.52 |
| | 7101 | K WHITE OFFSET | 136 | 138 | 2 | 37880 | 101.47 |
| | | | 136 | 134 | 1 | 41100 | 98.52 |
| | | | | 136 | 3 | 78980 | 99.93 |
| | 7102 | K WHITE OFFSET | 136 | 138 | 2 | 24060 | 101.47 |
| | | | 136 | 136 | 4 | 63230 | 100.00 |
| | | | 136 | 135 | 4 | 41050 | 99.26 |
| | | | 136 | 132 | 3 | 135410 | 97.05 |
| | | | 136 | 128 | 1 | 42250 | 94.11 |
| | | | 136 | 123 | 2 | 30360 | 90.44 |
| | | | 136 | 105 | 4 | 83530 | 77.20 |
| | | | | 127 | 20 | 419890 | 93.24 |
| | 7104 | K WHITE OFFSET | 136 | 134 | 1 | 29920 | 98.52 |
| | | | | 134 | 1 | 29920 | 98.52 |
| | 7123 | DK K OFFSET - ANTIQUE | 136 | 135 | 5 | 159700 | 99.26 |
| | | | 136 | 132 | 2 | 24480 | 97.05 |
| | | | | 135 | 7 | 184180 | 98.97 |
| | 7200 | RAVENSWOOD OPAQUE | 136 | 131 | 3 | 56300 | 96.32 |
| | | | | 131 | 3 | 56300 | 96.32 |
| | 7202 | RAVENSWOOD OPAQUE | 136 | 138 | 3 | 104800 | 101.47 |
| | | | 136 | 122 | 4 | 86860 | 89.70 |
| | | | | 131 | 7 | 191660 | 96.14 |
| | 9600 | TRIAL RUNS | | 132 | 5 | | |
| | | | | | 5 | | |
| | | | | 128 | 141 | 2923930 | 95.07 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 209 | LAUREL TEXT R.S. | 104 | 104 | 3 | 50920 | 100.00 |
| | | | | 104 | 3 | 50920 | 100.00 |
| | 291 | A P WALLPAPER BASE | 119 | 119 | 2 | 46870 | 100.00 |
| | | | | 119 | 2 | 46870 | 100.00 |
| | 1138 | WAM TEXT VELLUM | 104 | 104 | 6 | 162200 | 100.00 |
| | | | | 104 | 6 | 162200 | 100.00 |
| | 1533 | WHITE SPEC K OFFSET | 106 | 112 | 2 | 45050 | 105.66 |
| | | | 106 | 106 | 2 | 43440 | 100.00 |
| | | | 106 | 99 | 2 | 40670 | 93.39 |
| | | | | 106 | 6 | 129160 | 99.89 |
| | 1702 | J UPACIFIED OFFSET | 105 | 117 | 4 | 93920 | 111.42 |
| | | | 105 | 105 | 2 | 51660 | 100.00 |
| | | | | 113 | 6 | 145580 | 107.37 |
| | 1803 | ALLIED PRIDE | 105 | 105 | 2 | 7950 | 100.00 |
| | | | | 105 | 2 | 7950 | 100.00 |
| | 2243 | LAWYERS OFFSET | 116 | 116 | 7 | 216670 | 105.45 |
| | | | | 116 | 7 | 216670 | 105.45 |
| | 3002 | SUPERIOR OFFSET | 110 | 107 | 6 | 205210 | 97.27 |
| | | | | 107 | 6 | 205210 | 97.27 |
| | 7100 | K WHITE OFFSET | 110 | 110 | 2 | 38850 | 100.00 |
| | | | | 110 | 2 | 38850 | 100.00 |
| | 7101 | K WHITE OFFSET | 110 | 122 | 1 | 15600 | 110.90 |
| | | | 110 | 105 | 2 | 13710 | 95.45 |
| | | | 110 | 98 | 1 | 3000 | 89.09 |
| | | | | 113 | 4 | 32310 | 102.32 |
| | 7102 | K WHITE OFFSET | 110 | 122 | 1 | 22820 | 110.90 |
| | | | 110 | 119 | 4 | 108800 | 108.18 |
| | | | 110 | 118 | 1 | 4780 | 107.27 |
| | | | 110 | 117 | 2 | 74250 | 106.36 |
| | | | 110 | 116 | 1 | 14080 | 105.45 |
| | | | 110 | 115 | 2 | 26450 | 104.54 |
| | | | 110 | 113 | 2 | 43860 | 102.72 |
| | | | 110 | 112 | 2 | 49170 | 101.81 |
| | | | 110 | 106 | 3 | 89350 | 96.36 |
| | | | 110 | 105 | 11 | 206340 | 95.45 |
| | | | 110 | 104 | 3 | 34530 | 94.54 |
| | | | 110 | 102 | 5 | 104940 | 92.72 |
| | | | 110 | 100 | 1 | 3120 | 90.90 |
| | | | | 110 | 38 | 782490 | 99.75 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7104 | K WHITE OFFSET | 110 | 122 | 3 | 30940 | 110.90 |
| | | | 110 | 120 | 1 | 4280 | 109.09 |
| | | | 110 | 115 | 1 | 10680 | 104.54 |
| | | | 110 | 111 | 7 | 241860 | 100.90 |
| | | | 110 | 108 | 6 | 188120 | 98.18 |
| | | | 110 | 107 | 1 | 3540 | 97.27 |
| | | | 110 | 105 | 4 | 80600 | 95.45 |
| | | | 110 | 104 | 2 | 26960 | 94.54 |
| | | | 110 | 102 | 2 | 39950 | 92.72 |
| | | | | 109 | 27 | 626930 | 99.18 |
| | 7105 | K WHITE OFFSET | 110 | 120 | 2 | 14200 | 109.09 |
| | | | | 120 | 2 | 14200 | 109.09 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 110 | 113 | 1 | 41610 | 102.72 |
| | | | 110 | 104 | 2 | 11070 | 94.54 |
| | | | 110 | 100 | 6 | 163910 | 90.90 |
| | | | | 103 | 9 | 216590 | 93.36 |
| | 7122 | B W K OFFSET - ANTIQUE | 110 | 120 | 2 | 20040 | 109.09 |
| | | | 110 | 110 | 4 | 92900 | 100.00 |
| | | | 110 | 105 | 2 | 20490 | 95.45 |
| | | | 110 | 104 | 1 | 11190 | 94.54 |
| | | | 110 | 100 | 4 | 127680 | 90.90 |
| | | | | 105 | 13 | 272300 | 95.84 |
| | 7124 | B W K OFFSET ANTIQUE | 110 | 105 | 2 | 41550 | 95.45 |
| | | | | 105 | 2 | 41550 | 95.45 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 102 | 1 | 18850 | 92.72 |
| | | | | 102 | 1 | 18850 | 92.72 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 105 | 8 | 119500 | 95.45 |
| | | | | 105 | 8 | 119500 | 95.45 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 105 | 7 | 177050 | 95.45 |
| | | | | 105 | 7 | 177050 | 95.45 |
| | 9600 | TRIAL RUNS | | 122 | 2 | | |
| | | | | | 2 | | |
| | | | | 108 | 153 | 3305180 | 99.07 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| M | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 203 | LAUREL TEXT - RS | 104 | 108 | 3 | 50020 | 103.84 |
| | | | | 108 | 3 | 50020 | 103.84 |
| | 253 | HWT - NON BLEED R.S. | 104 | 121 | 2 | 21350 | 116.34 |
| | | | 104 | 117 | 1 | 18560 | 112.50 |
| | | | 104 | 116 | 1 | 24620 | 111.53 |
| | | | | 118 | 4 | 64530 | 113.40 |
| | 274 | TYPE 904-A R.S. | 110 | 109 | 3 | 43130 | 99.09 |
| | | | 110 | 101 | 3 | 34060 | 91.81 |
| | | | | 105 | 6 | 77190 | 95.88 |
| | 276 | TYPE IV E DT BLADE BASE | 124 | 118 | 10 | 283430 | 95.16 |
| | | | | 118 | 10 | 283430 | 95.16 |
| | 291 | A P WALLPAPER BASE | 123 | 123 | 1 | 10840 | 100.00 |
| | | | 123 | 120 | 1 | 20930 | 97.56 |
| | | | 123 | 119 | 1 | 21730 | 96.74 |
| | | | | 120 | 3 | 53500 | 97.72 |
| | 292 | AP WALLPAPER BASE | 123 | 123 | 1 | | 100.00 |
| | | | 123 | 119 | 1 | 5840 | 96.74 |
| | | | | 119 | 2 | 5840 | 96.74 |
| | 1000 | U.P. OFFSET | 114 | 114 | 15 | 447490 | 100.00 |
| | | | | 114 | 15 | 447490 | 100.00 |
| | 1208 | A.M. PRIDE | 110 | 116 | 2 | 53540 | 105.45 |
| | | | 110 | 105 | 4 | 55010 | 95.45 |
| | | | 110 | 104 | 2 | 20040 | 94.54 |
| | | | 110 | 101 | 2 | 26070 | 91.81 |
| | | | | 108 | 10 | 154660 | 98.18 |
| | 1210 | GENERIC OFFSET | 110 | 111 | 1 | | 100.90 |
| | | | 110 | 105 | 1 | 11040 | 95.45 |
| | | | | 105 | 2 | 11040 | 95.45 |
| | 1211 | GENERIC OFFSET | 105 | 105 | 1 | 8250 | 100.00 |
| | | | | 105 | 1 | 8250 | 100.00 |
| | 1533 | WHITE SPEC K OFFSET | 106 | 105 | 2 | 29210 | 99.05 |
| | | | | 105 | 2 | 29210 | 99.05 |
| | 1559 | WHITE SPEC K OFFSET | 110 | 105 | 1 | 3500 | 95.45 |
| | | | | 105 | 1 | 3500 | 95.45 |
| | 1900 | PRIDE GRACUF | 110 | 113 | 1 | | 102.72 |
| | | | | | 1 | | |

SD 054823

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2101 | BRITISH OPAQUE | 105 | 112 | 4 | 32290 | 106.66 |
| | | | | 112 | 4 | 32290 | 106.66 |
| | 2203 | IMPERIAL BIBLE | 110 | 106 | 5 | 55600 | 96.36 |
| | | | | 106 | 5 | 55600 | 96.36 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 105 | 3 | 80490 | 95.45 |
| | | | | 105 | 3 | 80490 | 95.45 |
| | 2535 | MANUAL OFFSET | 110 | 107 | 4 | 88320 | 97.27 |
| | | | | 107 | 4 | 88320 | 97.27 |
| | 2536 | I & M MANUAL | 110 | 112 | 3 | 57210 | 101.81 |
| | | | 110 | 105 | 17 | 457510 | 95.45 |
| | | | | 106 | 20 | 514720 | 96.16 |
| | 7000 | CALENDAR PAD OFFSET | 110 | 114 | 4 | 89630 | 103.63 |
| | | | | 114 | 4 | 89630 | 103.63 |
| | 7100 | K WHITE OFFSET | 110 | 112 | 2 | 18370 | 101.81 |
| | | | 110 | 108 | 2 | 15420 | 98.18 |
| | | | 110 | 105 | 3 | 44990 | 95.45 |
| | | | | 107 | 7 | 78780 | 97.47 |
| | 7101 | K WHITE OFFSET | 110 | 108 | 2 | 12570 | 98.18 |
| | | | | 108 | 2 | 12570 | 98.18 |
| | 7102 | K WHITE OFFSET | 110 | 116 | 2 | 16030 | 105.45 |
| | | | 110 | 106 | 1 | 17920 | 96.36 |
| | | | 110 | 105 | 11 | 228270 | 95.45 |
| | | | 110 | 104 | 2 | 40760 | 94.54 |
| | | | 110 | 103 | 1 | 3540 | 93.63 |
| | | | 110 | 102 | 1 | 7440 | 92.72 |
| | | | 110 | 101 | 2 | 26650 | 91.81 |
| | | | | 105 | 20 | 340610 | 95.50 |
| | 7104 | K WHITE OFFSET | 110 | 116 | 2 | 23120 | 105.45 |
| | | | 110 | 114 | 1 | 4680 | 103.63 |
| | | | 110 | 105 | 3 | 45180 | 95.45 |
| | | | | 109 | 6 | 72980 | 99.14 |
| | 7122 | B W K OFFSET - ANTIQUE | 110 | 117 | 2 | 7370 | 106.36 |
| | | | 110 | 116 | 1 | 27480 | 105.45 |
| | | | 110 | 115 | 1 | 30010 | 104.54 |
| | | | 110 | 113 | 2 | 32770 | 102.72 |
| | | | 110 | 110 | 2 | 29300 | 100.00 |
| | | | 110 | 103 | 1 | 15090 | 93.63 |
| | | | 110 | 102 | 1 | 6800 | 92.72 |
| | | | | 112 | 10 | 148820 | 101.85 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01.1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7123 | Bw K OFFSET - ANTIQUE | 110 | 120 | 2 | 12480 | 109.09 |
| | | | 110 | 103 | 2 | 29170 | 93.63 |
| | | | | 108 | 4 | 41650 | 98.26 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 116 | 1 | 20520 | 105.45 |
| | | | | 116 | 1 | 20520 | 105.45 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 114 | 1 | 10880 | 103.63 |
| | | | 110 | 105 | 2 | 39980 | 95.45 |
| | | | 110 | 104 | 1 | 40330 | 94.54 |
| | | | | 106 | 4 | 91190 | 96.02 |
| | 9030 | SATURATED VELLUM BASE | 123 | 118 | 2 | 22170 | 95.93 |
| | | | 123 | 116 | 2 | 22260 | 94.30 |
| | | | | 117 | 4 | 44430 | 95.11 |
| | | | | 110 | 158 | 2901260 | 98.11 |

SD 8541024

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 01,1985

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 803 | LAUREL TEXT | 102 | 120 | 12 | 147951 | 117.64 |
| | | | 102 | 114 | 1 | 10500 | 111.76 |
| | | | 102 | 105 | 8 | 18939 | 102.94 |
| | | | | 118 | 21 | 177390 | 115.72 |
| | 809 | LAUREL TEXT | 102 | 101 | 6 | 49517 | 99.01 |
| | | | | 101 | 6 | 49517 | 99.01 |
| | 853 | H W MASTER - NON BLEED II | 102 | 118 | 3 | 12604 | 115.68 |
| | | | 102 | 114 | 3 | 5274 | 111.76 |
| | | | 102 | 113 | 4 | 14232 | 110.78 |
| | | | | 115 | 10 | 32110 | 112.86 |
| | 874 | TYPE 904-B | 102 | 109 | 3 | | 106.86 |
| | | | 102 | 107 | 9 | 30013 | 104.90 |
| | | | 102 | 101 | 1 | | 99.01 |
| | | | 102 | 98 | 8 | 22364 | 96.07 |
| | | | | 103 | 21 | 52377 | 101.13 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 115 | 27 | 187230 | 112.74 |
| | | | 102 | 110 | 6 | | 107.84 |
| | | | | 115 | 33 | 187230 | 112.74 |
| | 9600 | TRIAL RUNS | | 117 | 1 | | |
| | | | | 116 | 1 | | |
| | | | | | 2 | | |
| | | | | 113 | 93 | 498624 | 111.23 |

72 '984.

TONS

| | | |
|---|---|---|
| 5 | 3140 + 1689080 | 816 T |
| 6 | 26260 + 3903685 | 1965 |
| 7 | 3106250 | 1553 |
| 8 | 3695670 | 1848 |
| 9 | 15160 + 3059330 | 1537 |
| 10 | 1060 + 699071 | 350 |
| | | 7069 |

HRS

| | | |
|---|---|---|
| 5 | 12.3 + 608.3 = | 621 |
| 6 | 20.8 + 634.5 = | 655 |
| 7 | 6449 | 645 |
| 8 | 672.1 | 672 |
| 9 | 9.6 + 621.0 | 631 |
| 10 | 1.1 + 228.6 | 230 |
| | | 3524 |

DECEMBER 1984

| BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30.00 | 1100 | BW RAMTEXT NEW SHAD | 95.7 | 94.8 | 99.49 | 133133 | 125250 | 4410 | 120840 | 90.77 | |
| 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 36.00 | 1203 | A.M. PRIDE | 5.3 | 4.7 | 86.45 | 10266 | 11560 | | 11560 | 112.60 | |
| 45.00 | 1207 | A 7 PRIDE | 27.3 | 26.6 | 106.29 | 83054 | 100640 | | 100640 | 121.17 | |
| 28.00 | 1228 | CUSTOM OFFSET | | | | | | 1810 | 1810- | | |
| 22.00 | 1401 | CW BRITISH OPAQUE - | 59.4 | 49.0 | 89.99 | 106131 | 108110 | 3670 | 104440 | 98.41 | |
| 25.00 | 1601 | BRITISH OPAQUE - SE | 39.0 | 35.3 | 98.74 | 88530 | 91330 | | 91330 | 103.16 | |
| 35.00 | 1805 | ALLIED PRIDE | 2.5 | 2.1 | 91.64 | 5726 | 7860 | 2690 | 5170 | 90.29 | |
| 20.00 | 2000 | BRITE LITE THIN | 28.5 | 21.7 | 83.06 | 37779 | 31680 | 2830 | 28850 | 76.37 | |
| 24.00 | 2002 | BRITE LITE THIN | 68.7 | 62.3 | 98.93 | 130016 | 139580 | 1260 | 138320 | 106.39 | |
| 25.00 | 2200 | IMPERIAL BIBLE | 24.1 | 22.2 | 102.75 | 46443 | 42900 | | 42900 | 92.37 | |
| 24.00 | 2210 | C W IMPERIAL BIBLE | 13.7 | 13.0 | 103.52 | 29213 | 30870 | | 30870 | 105.67 | |
| 30.00 | 2240 | LAWYERS WHITE OFFSE | 77.0 | 63.1 | 89.40 | 185734 | 162200 | 2470 | 159730 | 86.00 | |
| 33.00 | 2406 | SHAKESPEARE THIN | 8.8 | 7.0 | 86.78 | 20624 | 20260 | 4270 | 15990 | 77.53 | |
| 25.00 | 2501 | SOLITUDE OPAQUE | 9.7 | 8.9 | 73.98 | 12720 | 11180 | | 11180 | 87.89 | |
| 30.00 | 2503 | SOLITUDE OPAQUE | 40.0 | 37.3 | 101.73 | 100572 | 100140 | 1480 | 98660 | 98.10 | |
| 24.00 | 2524 | SOLITUDE OPAQUE | | | | | | 2630 | 2630- | | |
| 40.00 | 2535 | MANUAL OFFSET | 15.0 | 14.3 | 104.00 | 44144 | 48520 | 3090 | 45430 | 102.91 | |
| 20.00 | 2540 | A P LIGHT WEIGHT | 4.5 | | | | | | | | |
| 30.00 | 2543 | A.P. LIGHTWEIGHT | 11.8 | 10.1 | 93.37 | 26724 | 26980 | 1290 | 25690 | 96.13 | |
| 25.00 | 2546 | A.P. LIGHTWEIGHT | 13.7 | 12.9 | 102.72 | 21285 | 26180 | | 26180 | 123.00 | |
| 28.00 | 2551 | A.P. LIGHTWEIGHT | 41.7 | 41.0 | 107.26 | 97419 | 112400 | | 112400 | 115.38 | |
| 33.00 | 2552 | A.P. LIGHT WEIGHT | 23.3 | 20.7 | 96.92 | 56256 | 59730 | | 59730 | 106.18 | |
| 30.00 | 3830 | WHITE BOOKLITE | 4.7 | 3.8 | 88.20 | 10054 | 11310 | | 11310 | 112.49 | |
| 35.00 | 3836 | WHITE BOOK LITE | 13.7 | 13.0 | 103.92 | 36854 | 43900 | | 43500 | 118.03 | |
| 40.00 | 7100 | K WHITE OFFSET | 12.0 | 11.5 | 104.55 | 37191 | 45240 | | 45240 | 121.64 | |
| 45.00 | 7121 | B.W. K OFFSET - ANT | 20.5 | 8.3 | 44.17 | 24402 | 24810 | | 24810 | 100.44 | |
| 40.00 | 7200 | RAVENSWOOD OPAQUE | 77.8 | 71.7 | 100.54 | 221336 | 247150 | 1260 | 245890 | 111.09 | |
| 24.30 | 9600 | TRIAL RUNS | | | | | | | | | |
| 31.53 | | MACH TOTAL 1.09091 | 697.4 | 608.3 | 95.15 | 1565602 | 1629080 | 33160 | 1595920 | 101.94 | 97.00 |
| 30.00 | 1100 | BW RAMTEXT NEW SHAD | 65.4 | 62.8 | 104.75 | 266922 | 281650 | | 281650 | 105.52 | |
| 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 40.00 | 1206 | SPEC A.M. PRIDE | 4.7 | 3.3 | 76.60 | 19483 | 20060 | 2640 | 17420 | 89.41 | |
| 50.00 | 1208 | A.M. PRIDE | 48.1 | 36.2 | 82.10 | 262058 | 284040 | 4400 | 249640 | 95.26 | |
| 60.00 | 1217 | GENERIC OFFSET | 14.4 | 12.9 | 97.73 | 96300 | 99000 | | 99000 | 102.80 | |
| 70.00 | 1211 | GENERIC OFFSET | 4.6 | 4.2 | 99.60 | 31281 | 34920 | | 34920 | 111.63 | |
| 50.00 | 1533 | WHITE SPEC K OFFSET | 12.5 | 12.2 | 106.47 | 88534 | 82670 | 5170 | 77500 | 87.54 | |
| 60.00 | 1559 | WHITE SPEC K OFFSET | 1.3 | 1.3 | 109.09 | 9682 | 10640 | | 10640 | 109.89 | |
| 30.00 | 2503 | SOLITUDE OPAQUE | | | | | | | | | |
| 35.00 | 2504 | SOLITUDE OPAQUE | 2.5 | 1.9 | 82.91 | 9386 | 9540 | | 9540 | 101.64 | |
| 50.00 | 2536 | I B M MANUAL | 23.9 | 21.0 | 95.85 | 139499 | 81050 | | 81050 | 58.10 | |
| 55.00 | 2903 | DICKENS OFFSET | 5.6 | 5.1 | 99.38 | 39270 | 42050 | | 42050 | 107.08 | |
| 50.00 | 2961 | BW G OFFSET | 11.2 | 10.7 | 104.22 | 78097 | 82660 | 1110 | 81550 | 104.42 | |
| 60.00 | 2982 | OPACIFIED OFFSET JC | 1.9 | 1.3 | 74.64 | 8852 | 9380 | | 9380 | 105.96 | |
| 70.00 | 3003 | SUPERIOR OFFSET | 36.9 | 32.6 | 96.38 | 216790 | 230200 | | 230200 | 106.19 | |

| BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.00 | 7100 | K WHITE OFFSET | 26.0 | 23.8 | 99.86 | 132314 | 130605 | 8470 | 122135 | 92.31 | |
| 45.00 | 7101 | K WHITE OFFSET | 17.4 | 15.7 | 98.43 | 93973 | 92170 | 850 | 91320 | 97.18 | |
| 50.00 | 7102 | K WHITE OFFSET | 45.2 | 40.4 | 97.51 | 284931 | 253320 | 10190 | 243130 | 85.33 | |
| 60.00 | 7104 | K WHITE OFFSET | 56.3 | 50.4 | 97.66 | 383426 | 375230 | 3950 | 371280 | 96.83 | |
| 70.00 | 7105 | K WHITE OFFSET | 17.9 | 15.3 | 93.25 | 106436 | 116090 | | 116090 | 109.07 | |
| 80.00 | 7107 | K WHITE OFFSET | | | | | | | | | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 3.2 | 2.9 | 98.86 | 20570 | 21600 | | 21600 | 105.01 | |
| 55.00 | 7123 | BW K OFFSET - ANTIQ | 24.2 | 23.0 | 103.68 | 168091 | 186020 | | 186020 | 110.67 | |
| 60.00 | 7124 | B W K OFFSET ANTIQU | 16.5 | 15.1 | 99.83 | 111936 | 117790 | | 117790 | 105.23 | |
| 40.00 | 7200 | RAVENSWOOD OPAQUE | 18.6 | 17.0 | 99.71 | 98972 | 94140 | | 94140 | 95.12 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 86.0 | 80.4 | 101.99 | 532906 | 537020 | 9570 | 527450 | 98.98 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 26.3 | 23.5 | 97.48 | 165773 | 167050 | | 167050 | 100.77 | |
| 55.00 | 7238 | B W RAVENSWOOD OPA. | 18.6 | 18.1 | 106.16 | 101648 | 100420 | | 100420 | 98.79 | |
| 29.50 | 9001 | DUPONT PAPER (BLUE) | 106.3 | 103.4 | 106.11 | 403996 | 474370 | 5310 | 469060 | 116.11 | |
| 48.00 | 9050 | WHITE DIAZO PAPER | | | | | | | | | |
| 49.00 | 9601 | TRIAL RUNS | | | | | | | | | |
| 48.10 | | MACH TOTAL 1.09091 | 695.5 | 634.5 | 99.52 | 3871126 | 3903685 | 51660 | 3852025 | 99.51 | 99.03 |
| 43.22 | | MILL C TOTAL | 1392.9 | 1242.8 | 97.34 | 8436728 | 8832765 | 84820 | 8447945 | 100.21 | 97.54 |
| 38.00 | 203 | LAUREL TEXT - RS | 2.7 | | | | | | | | |
| 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 50.00 | 1533 | WHITE SPEC K OFFSET | 7.9 | 7.7 | 106.33 | 47337 | 37840 | | 37840 | 79.94 | |
| 35.00 | 1805 | ALLIED PRIDE | 80.0 | 66.1 | 90.14 | 295957 | 283850 | | 283850 | 95.91 | |
| 30.00 | 1840 | SPEC ALLIED PRIDE | 42.2 | 39.9 | 103.15 | 146034 | 169660 | 1240 | 168420 | 115.33 | |
| 35.00 | 2134 | BRITISH OPAQUE | 40.4 | 35.0 | 94.51 | 148679 | 165760 | | 165760 | 111.49 | |
| 20.00 | 2221 | EXTRA WH IMPERIAL B | 6.6 | 5.3 | 87.60 | 12125 | 5100 | 2550 | 2550 | 21.03 | |
| 30.00 | 2240 | LAWYERS WHITE OFFSE | 24.1 | 22.2 | 100.49 | 79920 | 82660 | | 82660 | 103.43 | |
| 30.00 | 2503 | SOLITUDE OPAQUE | 28.5 | 24.7 | 94.55 | 101517 | 86350 | | 86350 | 85.06 | |
| 45.00 | 2505 | SOLITUDE OPAQUE | 1.0 | .9 | 98.18 | 4472 | 4400 | | 4400 | 98.39 | |
| 20.00 | 2543 | A P LIGHT WEIGHT | 95.7 | 80.5 | 91.76 | 182139 | 141940 | 13660 | 128280 | 70.43 | |
| 45.00 | 2901 | DICKENS OFFSET | 107.8 | 101.0 | 102.21 | 599105 | 606690 | 1100 | 605590 | 101.08 | |
| 40.00 | 7100 | K WHITE OFFSET | 8.6 | 8.2 | 104.02 | 36747 | 42930 | | 42930 | 116.83 | |
| 45.00 | 7101 | K WHITE OFFSET | 21.6 | 20.3 | 102.53 | 114075 | 128100 | | 128100 | 109.66 | |
| 90.00 | 7102 | K WHITE OFFSET | 16.8 | 13.5 | 88.31 | 86688 | 52650 | | 52650 | 60.74 | |
| 60.00 | 7104 | K WHITE OFFSET | 11.7 | 10.6 | 98.83 | 70456 | 55750 | 1450 | 54300 | 77.07 | |
| 70.00 | 7105 | K WHITE OFFSET | 6.2 | 5.5 | 96.77 | 36202 | 41430 | | 41430 | 114.44 | |
| 40.00 | 7120 | B W K OFFSET - ANTI | 7.6 | 6.5 | 93.30 | 33754 | 32690 | 1300 | 31390 | 93.00 | |
| 50.00 | 7122 | B W K OFFSET - ANTI | 2.0 | 1.6 | 87.27 | 9600 | 8550 | | 8550 | 89.06 | |
| 60.00 | 7124 | B W K OFFSET ANTIQU | 4.6 | 3.3 | 78.26 | 20829 | 23700 | 950 | 22750 | 109.22 | |
| 45.00 | 7201 | RAVENSWOOD OPAQUE | 107.6 | 98.2 | 99.56 | 578003 | 551480 | 1690 | 549790 | 95.12 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 111.4 | 93.8 | 91.86 | 564100 | 588320 | 19150 | 569170 | 100.90 | |
| 42.43 | | MACH TOTAL 1.09091 | 735.0 | 644.9 | 95.72 | 3167740 | 3106850 | 43090 | 3063760 | 96.72 | 92.58 |
| 38.00 | 1108 | RAM TEXT VELLUM | 105.9 | 101.4 | 104.46 | 400730 | 467090 | | 467090 | 114.56 | |
| 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |

1952

1553

8548928

| | BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MAC EFFI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 50.00 | 1206 | A.M. PRIDE | 16.6 | 14.1 | 92.66 | 81020 | 68060 | 1530 | 66530 | 82.12 | |
| 8 | 60.00 | 1210 | GENERIC OFFSET | 8.0 | 7.0 | 95.45 | 36512 | 41640 | | 41640 | 108.12 | |
| 8 | 70.00 | 1211 | GENERIC OFFSET | 3.3 | 3.1 | 102.48 | 16940 | 18860 | | 18860 | 111.33 | |
| 8 | 60.00 | 1559 | WHITE SPEC K OFFSET | 27.6 | 25.3 | 100.00 | 141602 | 129810 | | 129910 | 91.67 | |
| 8 | 50.00 | 1820 | BW PRIDE OPAQUE | 4.1 | 2.8 | 74.50 | 16114 | 12280 | | 12280 | 76.21 | |
| 8 | 40.00 | 2505 | SOLITUDE OPAQUE | 11.8 | 11.0 | 101.70 | 51786 | 49630 | | 49630 | 95.84 | |
| 8 | 50.00 | 3002 | SUPERIOR OFFSET | 193.0 | 182.3 | 101.99 | 1029903 | 1070410 | 3890 | 1066520 | 103.56 | |
| 8 | 81.50 | 5184 | GREENTINT LEDGER AN | 41.1 | 39.7 | 105.38 | 225883 | 207980 | | 207980 | 92.07 | |
| 8 | 40.00 | 7100 | K WHITE OFFSET | 20.3 | 19.8 | 106.40 | 85967 | 98210 | 890 | 97320 | 113.21 | |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 5.8 | 5.6 | 105.33 | 28265 | 28500 | | 28500 | 100.83 | |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 75.2 | 71.4 | 103.58 | 408731 | 426320 | 1910 | 424410 | 103.84 | |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 31.1 | 33.5 | 71.52 | 191176 | 213900 | | 213900 | 111.89 | |
| 8 | 70.00 | 7105 | K WHITE OFFSET | 6.3 | 5.9 | 102.16 | 35243 | 39080 | | 39080 | 110.89 | |
| 8 | 45.00 | 7121 | B.W. K OFFSET - ANT | 5.2 | 4.6 | 96.50 | 24430 | 25900 | | 25900 | 106.02 | |
| 8 | 50.00 | 7122 | B W K OFFSET - ANTI | 15.3 | 14.7 | 104.81 | 82630 | 86820 | | 86820 | 105.07 | |
| 8 | 55.00 | 7123 | BW K OFFSET - ANTIQ | 7.0 | 6.8 | 105.97 | 40850 | 47800 | | 47800 | 117.01 | |
| 8 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 9.4 | 8.9 | 103.29 | 40298 | 47380 | | 47380 | 117.57 | |
| 8 | 45.00 | 7201 | RAVENSWOOD OPAQUE | 70.7 | 66.2 | 102.15 | 324739 | 350950 | 1370 | 349800 | 107.65 | |
| 8 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 42.3 | 40.9 | 103.16 | 225076 | 216320 | 1320 | 215000 | 95.52 | |
| 8 | 60.00 | 7204 | RAVENSWOOD OPAQUE | 8.8 | 8.0 | 99.17 | 44015 | 48730 | | 48730 | 110.71 | |
| | 50.73 | | MACH TOTAL 1.09091 | 730.8 | 672.1 | 100.33 | 3533910 | 3695670 | 10910 | 3684760 | 104.27 | 104.6 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 24.3 | 22.8 | 102.36 | 101688 | 116120 | | 116120 | 114.19 | |
| 9 | 40.00 | 205 | LAUREL TEXT R.S. | 2.0 | 1.0 | 54.55 | 5270 | 4480 | | 4480 | 85.01 | |
| 9 | 64.00 | 271* | TYPE IV BASE STOCK | 16.6 | 13.8 | 90.69 | 57881 | 62190 | | 62190 | 107.44 | |
| 9 | 60.00 | 276 | TYPE IV E OT BLADE | 171.1 | 140.5 | 89.88 | 697776 | 698830 | 69029 | 629801 | 90.26 | |
| 9 | 45.00 | 1000 | O.P. OFFSET | 90.4 | 83.9 | 101.25 | 438051 | 452430 | | 452430 | 103.28 | |
| 9 | 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 9 | 40.00 | 1206 | SPEC A.M. PRIDE | | | | | | | | | |
| 9 | 45.00 | 1207 | A 7 PRIDE | 4.2 | 3.9 | 101.30 | 17504 | 20430 | | 20430 | 116.72 | |
| 9 | 50.00 | 1208 | A.M. PRIDE | 14.1 | 13.7 | 106.00 | 71925 | 83730 | | 83730 | 116.41 | |
| 9 | 50.00 | 1533 | WHITE SPEC K OFFSET | 9.9 | 9.4 | 103.58 | 54155 | 59340 | | 59340 | 109.57 | |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 29.6 | 27.0 | 99.51 | 91106 | 75490 | 3620 | 71870 | 78.89 | |
| 9 | 35.00 | 1805 | ALLIED PRIDE | | | | | | | | | |
| 9 | 28.00 | 1828 | ALLIED PRIDE | 5.4 | 4.1 | 82.83 | 11600 | 11740 | | 11740 | 101.21 | |
| 9 | 45.00 | 1901 | TENNYSON OFFSET | 41.1 | 40.3 | 106.97 | 203030 | 183910 | 830 | 183080 | 90.17 | |
| 9 | 43.00 | 2243 | LAWYERS OFFSET | 25.0 | 21.3 | 92.95 | 106122 | 119520 | | 119520 | 112.63 | |
| 9 | 40.00 | 2505 | SOLITUDE OPAQUE | 10.7 | 10.1 | 102.97 | 47206 | 51830 | | 51830 | 109.80 | |
| 9 | 40.00 | 2513 | ION SUPERIOR OFFSET | 1.3 | .8 | 67.13 | 3444 | 4280 | | 4280 | 124.27 | |
| 9 | 40.00 | 2535 | MANUAL OFFSET | 21.6 | 19.6 | 98.99 | 84378 | 90390 | | 90390 | 107.13 | |
| 9 | 80.00 | 2536 | I B M MANUAL | 8.5 | 7.9 | 101.39 | 41475 | 47550 | | 47550 | 114.65 | |
| 9 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 10.0 | 9.6 | 104.73 | 32303 | 21750 | | 21750 | 65.31 | |
| 9 | 38.00 | 3036 | WORLD BOOK ENCYCLOP | 20.6 | 16.6 | 87.91 | 75853 | 22980 | | 22980 | 30.30 | |
| 9 | 40.00 | 7100 | K WHITE OFFSET | 31.7 | 28.4 | 97.73 | 122261 | 126810 | | 126810 | 103.72 | |
| 9 | 45.00 | 7101 | K WHITE OFFSET | | | | | | | | | |
| 9 | 50.00 | 7102 | K WHITE OFFSET | 103.0 | 88.8 | 94.05 | 486670 | 515230 | 4530 | 510700 | 105.15 | |
| 9 | 60.00 | 7104 | K WHITE OFFSET | 8.5 | 5.0 | 99.17 | 26996 | 29630 | | 29650 | 109.83 | |

| PAPER WT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 46.00 | 7120 | B & K OFFSET - ANTI | 11.6 | 11.0 | 103.45 | 47354 | 51670 | | 51670 | 109.11 | |
| 50.00 | 7122 | B & K OFFSET - ANTI | 2.6 | .6 | 25.17 | 3330 | 4180 | | 4180 | 125.53 | |
| 55.00 | 7123 | B& K OFFSET - ANTIQ | 2.3 | .9 | 42.69 | 5335 | 3860 | | 3960 | 72.35 | |
| 60.00 | 7124 | B & K OFFSET ANTIQU | 11.4 | 10.3 | 90.56 | 56669 | 63430 | 1180 | 62250 | 109.85 | |
| 50.00 | 7202 | RAVENSWOOD OPAQUE | 27.2 | 20.3 | 81.42 | 107370 | 89210 | | 89210 | 83.09 | |
| 60.00 | 7204 | RAVENSWOOD OPAQUE | 3.5 | 1.0 | 31.17 | 5502 | 6660 | | 6660 | 121.05 | |
| 68.00 | 9050@ | SATURATED VELLUM BA | 9.5 | 9.4 | 95.45 | 39170 | 41640 | | 41640 | 106.31 | |
| 48.00 | 9900 | TRIAL RUNS | | | | | | | | | |
| 43.94 | | MACH SUBTOTAL | 688.6 | 598.8 | 94.86 | 2944373 | 2998900 | 79189 | 2876311 | 97.69 | 92.67 |
| 60.00 | | @MACH SUBTOTAL | 20.2 | 22.2 | 92.44 | 97051 | 103830 | | 103830 | 106.98 | 98.89 |
| 44.31 | | MACH TOTAL 1.09091 | 714.8 | 621.0 | 94.78 | 3041424 | 3059330 | 1530 79189 | 2980141 | 97.99 | 92.87 |
| 47.35 | | MILL D SUBTOTAL | 2154.4 | 1915.8 | 97.01 | 9646023 | 9758020 | 133189 | 9624831 | 99.78 | 96.80 |
| 60.00 | | @MILL D SUBTOTAL | 20.2 | 22.2 | 92.44 | 97051 | 103830 | | 103830 | 106.98 | 98.89 |
| 47.74 | | MILL D TOTAL | 2180.6 | 1938.0 | 96.95 | 9743074 | 9861850 | 133189 | 9728661 | 99.85 | 96.81 |
| 48.98 | | BOOK MILL SUBTOT | 3547.3 | 3158.6 | 97.14 | 15082751 | 15290785 | 218009 | 15072776 | 99.93 | 97.07 |
| 60.00 | | @BOOK MILL SUBTOT | 20.2 | 22.2 | 92.44 | 97051 | 103830 | | 103830 | 106.98 | 98.89 |
| 49.11 | | BOOK MILL TOTAL | 3573.5 | 3180.8 | 97.10 | 15179802 | 15394615 | 218009 | 15176606 | 99.98 | 97.08 |
| 50.00 | 903 | LAUREL TEXT | 22.0 | 16.0 | 83.12 | 146771 | 116154 | 1600 | 114554 | 78.05 | |
| 60.00 | 905 | LAUREL TEXT | 1.5 | .7 | 53.33 | 7026 | 4950 | | 4950 | 70.45 | |
| 90.00 | 871@ | MASTERBASE TYPE V L | 20.8 | 18.2 | 100.00 | 63218 | 48508 | | 48508 | 76.73 | |
| 87.50 | 875 | MASTERBASE TYPE IV | 218.5 | 193.7 | 101.31 | 798615 | 529459 | 2055 | 527404 | 66.04 | |
| 87.50 | 9001 | TRIAL RUNS | | | | | | | | | |
| 66.00 | | BLADE SUBTOTAL | 242.0 | 210.4 | 99.36 | 952412 | 650563 | 3655 | 646908 | 67.92 | 67.49 |
| 90.00 | | @BLADE SUBTOTAL | 20.8 | 18.2 | 100.00 | 63218 | 48508 | | 48508 | 76.73 | 76.73 |
| 81.25 | | BLADE COATER1.14286 | 262.8 | 228.6 | 99.41 | 1015630 | 699071 | 350 3655 | 695416 | 68.47 | 68.07 |
| 47.39 | | GRAND SUBTOTAL | 3789.3 | 3369.0 | 97.28 | 16035163 | 15941348 | 221664 | 15719684 | 98.03 | 95.37 |
| 73.91 | | @GRAND SUBTOTAL | 47.0 | 40.4 | 95.78 | 160269 | 152338 | | 152338 | 95.05 | 91.04 |
| 47.54 | | GRAND TOTAL | 3836.3 | 3409.4 | 97.26 | 16195432 | 16093686 | 221664 | 15872022 | 98.00 | 95.32 |

8047

85458 85

December 1984

PROGRAM: [illegible] L C M A L L I E D P A P E R I N C. PAGE 1
[illegible] DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1984

| [illegible] | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|
| 110 | [illegible] NEW SHADE FB | 630 | 660 | 1 | 15120 | 104.76 |
| | | 630 | 670 | 4 | 64780 | 106.34 |
| | | 630 | 680 | 2 | 12260 | 107.93 |
| | | 630 | 700 | 3 | 33090 | 111.11 |
| | | | 678 | 10 | 125250 | 107.57 |
| 12[illegible] | [illegible] AM PRIDE | 570 | 570 | 12 | | 100.00 |
| | | | | 12 | | |
| 12[illegible]3 | A.M. PRIDE | 630 | 670 | 1 | 11560 | 106.34 |
| | | | 670 | 1 | 11560 | 106.34 |
| 1207 | A 7 PRIDE | 470 | 600 | 1 | 13570 | 106.38 |
| | | 470 | 590 | 3 | 87070 | 125.53 |
| | | | 578 | 4 | 100640 | 122.95 |
| 1400 | [illegible] BRITISH OPAQUE - SERVICE OF | 680 | 700 | 1 | | 102.94 |
| | | 680 | 710 | 1 | 7900 | 104.41 |
| | | 680 | 730 | 7 | 100210 | 107.35 |
| | | | 729 | 9 | 108110 | 107.14 |
| 14[illegible] | [illegible]ITISH OPAQUE - SERVICE OFFSE | 660 | 670 | 1 | | 101.51 |
| | | 660 | 720 | 6 | 91330 | 109.09 |
| | | | 720 | 7 | 91330 | 109.09 |
| 1805 | ALLIED PRIDE | 570 | 650 | 2 | 7860 | 114.03 |
| | | | 650 | 2 | 7860 | 114.03 |
| 200[illegible] | [illegible]ITE LITE THIN | 680 | 700 | 3 | 11800 | 102.94 |
| | | 680 | 720 | 1 | 5200 | 105.88 |
| | | 680 | 730 | 2 | 14680 | 107.35 |
| | | | 717 | 6 | 31680 | 105.47 |
| 20[illegible] | [illegible]ITE LITE THIN | 670 | 700 | 5 | 58740 | 104.47 |
| | | 670 | 740 | 6 | 80840 | 110.44 |
| | | | 723 | 11 | 139580 | 107.93 |
| 220 | IMPERIAL BIBLE | 660 | 700 | 2 | 24910 | 106.06 |
| | | 660 | 710 | 2 | 17990 | 107.57 |
| | | | 704 | 4 | 42900 | 106.69 |
| 22[illegible] | [illegible] IMPERIAL BIBLE | 670 | 700 | 1 | 2160 | 104.47 |
| | | 670 | 730 | 2 | 28710 | 108.95 |
| | | | 728 | 3 | 30870 | 108.64 |
| 224 | [illegible] WHITE OFFSET | 630 | 630 | 6 | 63600 | 100.00 |
| | | 630 | 650 | 5 | 98600 | 103.17 |
| | | | 642 | 11 | 162200 | 101.93 |

054031

SD

PROGRAM: N4PS7210 S C H A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 01/13/85 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2406 | SHAKESPEARE THIN | 570 | 670 | 1 | 15500 | 117.54 |
| | | | 570 | 680 | 1 | 4760 | 119.29 |
| | | | | 672 | 2 | 20260 | 117.95 |
| | 2501 | SOLITUDE OPAQUE | 660 | 670 | 1 | | 101.51 |
| | | | 660 | 700 | 1 | 11180 | 106.06 |
| | | | | 700 | 2 | 11190 | 106.06 |
| | 2503 | SOLITUDE OPAQUE | 630 | 650 | 1 | 4350 | 103.17 |
| | | | 630 | 680 | 4 | 58280 | 107.93 |
| | | | 630 | 700 | 3 | 37310 | 111.11 |
| | | | | 686 | 8 | 100140 | 108.91 |
| | 2535 | MANUAL OFFSET | 540 | 600 | 2 | 48520 | 111.11 |
| | | | | 600 | 2 | 48520 | 111.11 |
| | 2540 | A P LIGHT WEIGHT | 680 | | 1 | | |
| | | | | | 1 | | |
| | 2543 | A.P. LIGHTWEIGHT | 630 | 680 | 2 | 26980 | 107.93 |
| | | | | 680 | 2 | 26980 | 107.93 |
| | 2546 | A.P. LIGHTWEIGHT | 660 | 700 | 2 | 21950 | 106.06 |
| | | | 660 | 710 | 1 | 4200 | 107.57 |
| | | | | 702 | 3 | 26180 | 106.30 |
| | 2551 | A.P. LIGHTWEIGHT | 640 | | 1 | | |
| | | | 640 | 700 | 6 | 112400 | 109.37 |
| | | | | 700 | 7 | 112400 | 109.37 |
| | 2552 | A.P. LIGHT WEIGHT | 570 | 650 | 4 | 59730 | 114.03 |
| | | | | 650 | 4 | 59730 | 114.03 |
| | 3830 | WHITE BOOKLITE | 630 | 700 | 2 | 11310 | 111.11 |
| | | | | 700 | 2 | 11310 | 111.11 |
| | 3839 | WHITE BOOK LITE | 570 | 700 | 3 | 43500 | 122.80 |
| | | | | 700 | 3 | 43500 | 122.80 |
| | 7100 | N WHITE OFFSET | 540 | 640 | 1 | 17130 | 115.51 |
| | | | 540 | 650 | 1 | 28110 | 120.37 |
| | | | | 646 | 2 | 45240 | 119.67 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 470 | 630 | 4 | 24510 | 134.04 |
| | | | | 630 | 4 | 24510 | 134.04 |
| | 7200 | RAVENSWOOD OPAQUE | 540 | 570 | 2 | 46510 | 105.55 |
| | | | 540 | 580 | 5 | 134190 | 107.40 |
| | | | 540 | 590 | 2 | 35690 | 109.25 |

PROGRAM: N4PS721C  S C M  A L L I E D  P A P E R  I N C.  PAGE 3
RUN DATE: 01/03/85  DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 540 | 620 | 2 | 30760 | 114.91 |
| | | | | 585 | 11 | 247150 | 108.24 |
| | 9600 | TRIAL RUNS | | 560 | 2 | | |
| | | | | | 2 | | |
| | | | | 664 | 135 | 1529080 | 109.94 |

RS1033

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1150 | GW RAMTEXT NEW SHADE EU | 770 | 780 | 3 | 81380 | 101.29 |
| | | | 770 | 800 | 6 | 200270 | 103.89 |
| | | | | 794 | 9 | 281650 | 103.14 |
| | 1202 | SPECIAL AM PRIDE | 760 | 760 | 12 | | 100.00 |
| | | | | | 12 | | |
| | 1206 | SPEC A.M. PRIDE | 750 | 780 | 3 | 20060 | 104.00 |
| | | | | 780 | 3 | 20060 | 104.00 |
| | 1208 | A.M. PRIDE | 730 | 670 | 2 | 29150 | 91.78 |
| | | | 730 | 700 | 1 | 14430 | 95.89 |
| | | | 730 | 730 | 3 | 86820 | 100.00 |
| | | | 730 | 750 | 4 | 113160 | 102.73 |
| | | | 730 | 760 | 1 | 10480 | 104.10 |
| | | | | 732 | 11 | 254040 | 100.21 |
| | 1210 | GENERIC OFFSET | 630 | 650 | 1 | 14450 | 103.17 |
| | | | 630 | 660 | 3 | 84580 | 104.76 |
| | | | | 659 | 4 | 99000 | 104.53 |
| | 1211 | GENERIC OFFSET | 540 | 570 | 1 | 34920 | 105.55 |
| | | | | 570 | 1 | 34920 | 105.55 |
| | 1533 | WHITE SPEC K OFFSET | 730 | 740 | 2 | 43640 | 101.36 |
| | | | 730 | 760 | 2 | 39030 | 104.10 |
| | | | | 749 | 4 | 82670 | 102.65 |
| | 1550 | WHITE SPEC K OFFSET | 630 | 660 | 1 | 10640 | 103.17 |
| | | | | 650 | 1 | 10640 | 103.17 |
| | 2574 | SOLITUDE OPAQUE | 760 | 780 | 1 | 9540 | 102.63 |
| | | | | 780 | 1 | 9540 | 102.63 |
| | 2536 | I P M MANUAL | 730 | 750 | 7 | 81050 | 102.73 |
| | | | | 750 | 7 | 81050 | 102.73 |
| | 2903 | DICKENS OFFSET | 710 | 750 | 1 | 42050 | 105.63 |
| | | | | 750 | 1 | 42050 | 105.63 |
| | 2961 | GW G OFFSET | 730 | 760 | 2 | 82660 | 104.10 |
| | | | | 760 | 2 | 82660 | 104.10 |
| | 2962 | OPACIFIED OFFSET JCPA80 | 630 | 660 | 1 | 9380 | 103.17 |
| | | | | 650 | 1 | 9380 | 103.17 |
| | 3015 | SUPERIOR OFFSET | 540 | 560 | 5 | 230200 | 103.70 |
| | | | | 560 | 5 | 230200 | 103.70 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| M | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7101 | K WHITE OFFSET | 780 | 780 | 8 | 130605 | 104.00 |
| | | | | 780 | 8 | 130605 | 104.00 |
| | 7101 | K WHITE OFFSET | 740 | 780 | 5 | 92170 | 105.40 |
| | | | | 780 | 5 | 92170 | 105.40 |
| | 7102 | K WHITE OFFSET | 730 | 720 | 1 | 6880 | 98.63 |
| | | | 730 | 730 | 2 | 34620 | 100.00 |
| | | | 730 | 740 | 2 | 32310 | 101.36 |
| | | | 730 | 750 | 10 | 142790 | 102.73 |
| | | | 730 | 760 | 3 | 36720 | 104.10 |
| | | | | 747 | 18 | 253320 | 102.27 |
| | 7104 | K WHITE OFFSET | 630 | | 1 | | |
| | | | 630 | 630 | 3 | 116680 | 100.00 |
| | | | 630 | 650 | 2 | 24900 | 103.17 |
| | | | 630 | 660 | 6 | 139720 | 104.76 |
| | | | 630 | 670 | 2 | 50890 | 106.34 |
| | | | 630 | 690 | 1 | 43040 | 109.52 |
| | | | 630 | 750 | 1 | | 119.04 |
| | | | | 655 | 18 | 375230 | 103.93 |
| | 7105 | K WHITE OFFSET | 540 | 560 | 4 | 88340 | 103.70 |
| | | | 540 | 580 | 1 | 27750 | 107.40 |
| | | | | 565 | 5 | 116090 | 104.58 |
| | 7122 | H W K OFFSET - ANTIQUE | 730 | 780 | 1 | 21600 | 106.84 |
| | | | | 780 | 1 | 21600 | 106.84 |
| | 7123 | HW K OFFSET - ANTIQUE | 710 | 790 | 4 | 179980 | 105.63 |
| | | | 710 | 770 | 1 | 6040 | 108.45 |
| | | | | 751 | 5 | 186020 | 105.72 |
| | 7124 | H W K OFFSET ANTIQUE | 630 | 690 | 5 | 117790 | 103.17 |
| | | | | 650 | 5 | 117790 | 103.17 |
| | 7200 | RAVENSWOOD OPAQUE | 790 | 760 | 3 | 88500 | 101.33 |
| | | | 790 | 780 | 1 | 9640 | 104.00 |
| | | | | 761 | 4 | 94140 | 101.49 |
| | 7201 | RAVENSWOOD OPAQUE | 740 | 770 | 8 | 376070 | 104.05 |
| | | | 740 | 780 | 8 | 160950 | 105.40 |
| | | | | 773 | 16 | 537020 | 104.45 |
| | 7202 | RAVENSWOOD OPAQUE | 730 | 750 | 1 | 44770 | 102.73 |
| | | | 730 | 760 | 5 | 122280 | 104.10 |
| | | | | 757 | 6 | 167050 | 103.73 |
| | 7230 | H W RAVENSWOOD OPA. | 760 | 760 | 2 | 45500 | 100.00 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1994

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 760 | 780 | 2 | 54920 | 102.63 |
| | | | | 771 | 4 | 100420 | 101.44 |
| | 0001 | DUPONT PAPER (BLUE) | 650 | 650 | 3 | 56270 | 100.00 |
| | | | 650 | 750 | 12 | 418100 | 115.38 |
| | | | | 738 | 15 | 474370 | 113.56 |
| | 9001 | TRIAL RUNS | | 700 | 4 | | |
| | | | | 750 | 1 | | |
| | | | | | 5 | | |
| | | | | 724 | 177 | 3903686 | 104.75 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 2033 | LAUREL TEXT - PS | 740 | 800 | 1 | | 108.10 |
| | | | | | 1 | | |
| | 1201 | SPECIAL AM PRIDE | 750 | 750 | 12 | | 100.00 |
| | | | | | 12 | | |
| | 1533 | WHITE SPEC K OFFSET | 680 | 690 | 4 | 37840 | 101.47 |
| | | | | 690 | 4 | 37840 | 101.47 |
| | 1801 | ALLIED PRIDE | 750 | 740 | 1 | 27100 | 98.66 |
| | | | 750 | 760 | 6 | 117260 | 101.33 |
| | | | 780 | 770 | 1 | 19840 | 102.65 |
| | | | 750 | 780 | 4 | 119650 | 104.00 |
| | | | | 767 | 12 | 283850 | 102.29 |
| | 1842 | SPEC ALLIED PRIDE | 750 | 780 | 3 | 54240 | 104.00 |
| | | | 750 | 800 | 4 | 115420 | 106.66 |
| | | | | 794 | 7 | 169660 | 105.81 |
| | 2154 | BRITISH OPAQUE | 750 | 760 | 4 | 94840 | 101.33 |
| | | | 750 | 780 | 3 | 70920 | 104.00 |
| | | | | 769 | 7 | 165760 | 102.47 |
| | 3221 | EXTRA WH IMPERIAL BIBLE | 710 | 760 | 1 | | 107.04 |
| | | | 710 | 780 | 1 | 5100 | 109.85 |
| | | | | 780 | 2 | 5100 | 109.85 |
| | 2340 | LAWYERS WHITE OFFSET | 750 | 760 | 4 | 82660 | 101.33 |
| | | | | 760 | 4 | 82660 | 101.33 |
| | 2501 | SOLITUDE OPAQUE | 750 | 800 | 6 | 86350 | 106.66 |
| | | | | 800 | 6 | 86350 | 106.66 |
| | 2504 | SOLITUDE OPAQUE | 740 | 780 | 1 | 4400 | 105.40 |
| | | | | 780 | 1 | 4400 | 105.40 |
| | 2541 | A P LIGHT WEIGHT | 710 | 760 | 16 | 141940 | 107.04 |
| | | | | 760 | 16 | 141940 | 107.04 |
| | 3001 | DICKENS OFFSET | 710 | 730 | 12 | 541150 | 102.81 |
| | | | 710 | 740 | 2 | 65540 | 104.22 |
| | | | | 731 | 14 | 606690 | 102.96 |
| | 7100 | K WHITE OFFSET | 740 | 770 | 1 | 9750 | 104.05 |
| | | | 740 | 780 | 2 | 33180 | 105.40 |
| | | | | 778 | 3 | 42930 | 105.09 |
| | 7101 | K WHITE OFFSET | 710 | 730 | 1 | 22670 | 102.81 |
| | | | 710 | 760 | 3 | 102430 | 107.04 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 755 | 4 | 125100 | 106.27 |
| | 7102 | K WHITE OFFSET | 680 | 680 | 3 | 19590 | 100.00 |
| | | | 680 | 690 | 2 | 19190 | 101.47 |
| | | | 680 | 700 | 2 | 13870 | 102.94 |
| | | | | 689 | 7 | 52650 | 101.31 |
| | 7104 | K WHITE OFFSET | 600 | 600 | 5 | 55750 | 103.44 |
| | | | | 600 | 5 | 55750 | 103.44 |
| | 7105 | K WHITE OFFSET | 490 | 510 | 1 | 16720 | 104.08 |
| | | | 490 | 550 | 1 | 24710 | 112.24 |
| | | | | 534 | 2 | 41430 | 108.95 |
| | 7107 | B W K OFFSET - ANTIQUE | 740 | 740 | 2 | 26740 | 100.00 |
| | | | 740 | 770 | 1 | 5950 | 104.05 |
| | | | | 745 | 3 | 32690 | 100.74 |
| | 7108 | B W K OFFSET - ANTIQUE | 680 | 710 | 1 | 8850 | 104.41 |
| | | | | 710 | 1 | 8850 | 104.41 |
| | 7124 | B W K OFFSET ANTIQUE | 580 | 540 | 2 | 23700 | 93.10 |
| | | | | 540 | 2 | 23700 | 93.10 |
| | 7201 | RAVENSWOOD OPAQUE | 710 | 710 | 8 | 273960 | 100.00 |
| | | | 710 | 720 | 4 | 76790 | 101.40 |
| | | | 710 | 760 | 4 | 115820 | 107.04 |
| | | | 710 | 780 | 3 | 84910 | 109.85 |
| | | | | 733 | 19 | 551480 | 103.19 |
| | 7202 | RAVENSWOOD OPAQUE | 680 | 700 | 8 | 325910 | 102.94 |
| | | | 680 | 710 | 6 | 162780 | 104.41 |
| | | | 680 | 730 | 7 | 80790 | 107.35 |
| | | | 680 | 740 | 2 | 18840 | 108.82 |
| | | | | 708 | 23 | 588320 | 104.14 |
| | | | | 734 | 155 | 3106850 | 103.66 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| SH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 1 | 1100 | [illegible] TEXT VELLUM | 750 | 780 | 14 | 467090 | 104.00 |
| | | | | 780 | 14 | 467090 | 104.00 |
| | 1207 | SPECIAL AM PRIDE | 750 | 750 | 12 | | 100.00 |
| | | | | | 12 | | |
| | 1210 | AM. PRIDE | 750 | 750 | 4 | 68060 | 100.00 |
| | | | | 750 | 4 | 68060 | 100.00 |
| | 1217 | GENERIC OFFSET | 620 | 640 | 2 | 35280 | 103.22 |
| | | | 620 | 680 | 1 | 6360 | 109.67 |
| | | | | 646 | 3 | 41640 | 104.21 |
| | 1211 | GENERIC OFFSET | 530 | 580 | 2 | 18860 | 109.43 |
| | | | | 580 | 2 | 18860 | 109.43 |
| | 1505 | WHITE SPEC K OFFSET | 620 | 660 | 5 | 125690 | 106.45 |
| | | | 620 | 680 | 1 | 4120 | 109.67 |
| | | | | 661 | 5 | 129810 | 106.55 |
| | 1820 | AM PRIDE OPAQUE | 750 | 750 | 1 | 12280 | 100.00 |
| | | | | 750 | 1 | 12280 | 100.00 |
| | 2805 | SOLITUDE OPAQUE | 750 | 780 | 3 | 49630 | 104.00 |
| | | | | 780 | 3 | 49630 | 104.00 |
| | 3002 | SUPERIOR OFFSET | 750 | 740 | 1 | 40300 | 98.66 |
| | | | 750 | 750 | 1 | 8280 | 100.00 |
| | | | 750 | 780 | 23 | 1021830 | 104.00 |
| | | | | 778 | 25 | 1070410 | 103.77 |
| | 3101 | ORCENTINT LEDGER ANTIQUE | 460 | 450 | 5 | 191520 | 97.82 |
| | | | 460 | 460 | 1 | 16460 | 100.00 |
| | | | | 451 | 6 | 207980 | 97.99 |
| | 7100 | K WHITE OFFSET | 750 | 780 | 6 | 98210 | 104.00 |
| | | | | 780 | 6 | 98210 | 104.00 |
| | 7101 | K WHITE OFFSET | 750 | 780 | 2 | 28500 | 104.00 |
| | | | | 780 | 2 | 28500 | 104.00 |
| | 7102 | K WHITE OFFSET | 750 | 660 | 1 | 4350 | 88.00 |
| | | | 750 | 750 | 2 | 28210 | 100.00 |
| | | | 750 | 760 | 11 | 211350 | 101.33 |
| | | | 750 | 770 | 2 | 57770 | 102.66 |
| | | | 750 | 780 | 6 | 124640 | 104.00 |
| | | | | 766 | 22 | 426320 | 102.07 |
| | 7104 | K WHITE OFFSET | 620 | 630 | 3 | 54130 | 101.61 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1984

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 620 | 660 | 8 | 90280 | 106.45 |
| | | | 620 | 680 | 5 | 69490 | 109.67 |
| | | | | 689 | 16 | 213900 | 106.27 |
| | 7105 | K WHITE OFFSET | 530 | 560 | 2 | 39080 | 105.66 |
| | | | | 560 | 2 | 39080 | 105.66 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 750 | 780 | 2 | 25900 | 104.00 |
| | | | | 780 | 2 | 25900 | 104.00 |
| | 7122 | B W K OFFSET - ANTIQUE | 750 | 760 | 6 | 86820 | 101.33 |
| | | | | 760 | 6 | 86820 | 101.33 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | 700 | 4 | 47800 | 104.47 |
| | | | | 700 | 4 | 47800 | 104.47 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | 780 | 3 | 47380 | 104.00 |
| | | | | 780 | 3 | 47380 | 104.00 |
| | 7201 | RAVENSWOOD OPAQUE | 750 | 750 | 1 | | 100.00 |
| | | | 750 | 780 | 10 | 350950 | 104.00 |
| | | | | 780 | 11 | 350950 | 104.00 |
| | 7202 | RAVENSWOOD OPAQUE | 750 | 750 | 2 | 34070 | 100.00 |
| | | | 750 | 760 | 2 | 36560 | 101.33 |
| | | | 750 | 780 | 7 | 145690 | 104.00 |
| | | | | 772 | 11 | 216320 | 102.92 |
| | 7204 | RAVENSWOOD OPAQUE | 620 | 670 | 2 | 48730 | 108.06 |
| | | | | 670 | 2 | 48730 | 108.06 |
| | | | | 739 | 163 | 3699670 | 103.49 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| JN | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 203 | LAUREL TEXT - RS | 750 | 760 | 3 | 73490 | 101.33 |
| | | | 790 | 770 | 2 | 42630 | 102.66 |
| | | | | 764 | 5 | 116120 | 101.82 |
| | 205 | LAUREL TEXT R.S. | 720 | 760 | 2 | 4480 | 108.55 |
| | | | | 760 | 2 | 4480 | 108.55 |
| | 271 | TYPE IV BASE STOCK DRY TON | 450 | 500 | 4 | 62190 | 111.11 |
| | | | | 500 | 4 | 62190 | 111.11 |
| | 276 | TYPE IV E LT BLADE BASE | 500 | 550 | 14 | 288110 | 110.00 |
| | | | 500 | 560 | 14 | 405620 | 112.00 |
| | | | 500 | 570 | 1 | 5100 | 114.00 |
| | | | | 556 | 29 | 698830 | 111.19 |
| | 1000 | C.P. OFFSET | 730 | 750 | 6 | 183170 | 102.73 |
| | | | 730 | 760 | 8 | 200590 | 104.10 |
| | | | 730 | 770 | 2 | 69670 | 105.47 |
| | | | | 757 | 16 | 452430 | 103.75 |
| | 1200 | SPECIAL AM PRIDE | 740 | 740 | 12 | | 100.00 |
| | | | | | 12 | | |
| | 1207 | A M PRIDE | 730 | 770 | 1 | 20430 | 105.47 |
| | | | | 770 | 1 | 20430 | 105.47 |
| | 1208 | A.M. PRIDE | 710 | 760 | 2 | 69610 | 107.04 |
| | | | 710 | 770 | 1 | 14120 | 108.45 |
| | | | | 762 | 3 | 83730 | 107.28 |
| | 1233 | WHITE SPLC K OFFSET | 710 | 730 | 1 | | 102.81 |
| | | | 710 | 750 | 4 | 59340 | 105.63 |
| | | | | 750 | 5 | 59340 | 105.63 |
| | 1402 | PRIDE OPAQUE | 740 | 760 | 3 | 57540 | 102.70 |
| | | | 740 | 770 | 4 | 17950 | 104.05 |
| | | | | 762 | 7 | 75490 | 103.02 |
| | 1921 | ALLIED PRIDE | 700 | 740 | 2 | 11740 | 105.71 |
| | | | | 740 | 2 | 11740 | 105.71 |
| | 1981 | TENNYSON OFFSET | 730 | 760 | 7 | 183910 | 104.10 |
| | | | | 760 | 7 | 183910 | 104.10 |
| | 2243 | LAWYERS OFFSET | 740 | 760 | 5 | 119520 | 102.70 |
| | | | | 760 | 5 | 119520 | 102.70 |
| | 2505 | SOLITUDE OPAQUE | 750 | 750 | 2 | 40170 | 100.00 |
| | | | 750 | 770 | 1 | 11660 | 102.66 |

| M | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 754 | 3 | 51830 | 100.60 |
| | 4513 | 100M SUPERIOR OFFSET | 750 | 750 | 1 | 4280 | 100.00 |
| | | | | 750 | 1 | 4280 | 100.00 |
| | 2535 | MANUAL OFFSET | 750 | 750 | 4 | 90390 | 100.00 |
| | | | | 750 | 4 | 90390 | 100.00 |
| | 2536 | I T P MANUAL | 710 | 770 | 2 | 47550 | 108.45 |
| | | | | 770 | 2 | 47550 | 108.45 |
| | 2545 | A.P. LIGHTWEIGHT | 750 | 770 | 3 | 21750 | 102.66 |
| | | | | 770 | 3 | 21750 | 102.66 |
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 750 | 760 | 2 | 22980 | 101.33 |
| | | | 750 | 765 | 1 | | 102.00 |
| | | | | 760 | 3 | 22980 | 101.33 |
| | 7100 | K WHITE OFFSET | 750 | 750 | 7 | 126810 | 100.00 |
| | | | | 750 | 7 | 126810 | 100.00 |
| | 7102 | K WHITE OFFSET | 710 | 730 | 2 | 17010 | 102.81 |
| | | | 710 | 740 | 15 | 356830 | 104.22 |
| | | | 710 | 750 | 1 | 8750 | 105.63 |
| | | | 710 | 760 | 3 | 43200 | 107.04 |
| | | | 710 | 770 | 7 | 89440 | 108.45 |
| | | | | 747 | 28 | 515230 | 105.17 |
| | 7104 | K WHITE OFFSET | 620 | 650 | 2 | 21810 | 104.83 |
| | | | 620 | 700 | 1 | 7840 | 112.90 |
| | | | | 663 | 3 | 29650 | 106.96 |
| | 7120 | B W K OFFSET - ANTIQUE | 750 | 750 | 1 | 20290 | 100.00 |
| | | | 750 | 770 | 2 | 31380 | 102.66 |
| | | | | 762 | 3 | 51670 | 101.62 |
| | 7122 | B W K OFFSET - ANTIQUE | 710 | 750 | 1 | 4180 | 105.63 |
| | | | | 750 | 1 | 4180 | 105.63 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | 700 | 1 | 3860 | 104.47 |
| | | | | 700 | 1 | 3860 | 104.47 |
| | 7124 | B W K OFFSET ANTIQUE | 620 | 650 | 3 | 63430 | 104.83 |
| | | | | 650 | 3 | 63430 | 104.83 |
| | 7200 | RAVENSWOOD OPAQUE | 710 | 720 | 2 | 23500 | 101.40 |
| | | | 710 | 730 | 2 | 44050 | 102.81 |
| | | | 710 | 750 | 3 | 21660 | 105.63 |
| | | | | 732 | 7 | 89210 | 103.12 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7204 | RAVENSWOOD OPAQUE | 620 | 600 | 1 | 6660 | 96.77 |
| | | | | 600 | 1 | 6660 | 96.77 |
| | 902 | SATURATED VELLUM BASE | 450 | 460 | 2 | 41640 | 102.22 |
| | | | | 460 | 2 | 41640 | 102.22 |
| | 9600 | TRIAL RUNS | | 450 | 4 | | |
| | | | | | 4 | | |
| | | | | 696 | 174 | 3059330 | 105.57 |

054043 58

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 803 | LAUREL TEXT | 1300 | 1200 | 3 | 26129 | 92.30 |
| | | | 1300 | 1300 | 7 | 90025 | 100.00 |
| | | | | 1278 | 10 | 116154 | 98.27 |
| | 805 | LAUREL TEXT | 1250 | 1200 | 1 | 4950 | 96.00 |
| | | | | 1200 | 1 | 4950 | 96.00 |
| | 871 | MASTERBASE TYPE V LTHW-S | 350 | 350 | 3 | 41128 | 100.00 |
| | | | 350 | 610 | 1 | | 174.28 |
| | | | 350 | 630 | 3 | | 180.00 |
| | | | 350 | 745 | 3 | 7380 | 212.85 |
| | | | | 410 | 10 | 48508 | 117.17 |
| | 876 | MASTERBASE TYPE IV DT | 345 | | 3 | | |
| | | | 345 | 314 | 3 | 13800 | 91.01 |
| | | | 345 | 315 | 3 | 32342 | 91.30 |
| | | | 345 | 325 | 18 | 104078 | 94.20 |
| | | | 345 | 330 | 7 | 45186 | 95.65 |
| | | | 345 | 334 | 3 | 26420 | 96.81 |
| | | | 345 | 335 | 11 | 36019 | 97.10 |
| | | | 345 | 340 | 8 | 43369 | 98.55 |
| | | | 345 | 345 | 26 | 132604 | 100.00 |
| | | | 345 | 360 | 4 | 21761 | 104.34 |
| | | | 345 | 380 | 11 | 73880 | 110.14 |
| | | | | 341 | 97 | 529459 | 98.84 |
| | 9600 | TRIAL RUNS | | 350 | 1 | | |
| | | | | 610 | 1 | | |
| | | | | | 2 | | |
| | | | | 507 | 120 | 699071 | 100.00 |

SA 054044

| M | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1100 | C W RAMTEXT NEW SHADE EB | 103 | 104 | 10 | 126250 | 100.97 |
| | | | | 104 | 10 | 126250 | 100.97 |
| | 1210 | SPECIAL AN PRIDE | 121 | 121 | 12 | | 100.00 |
| | | | | | 12 | | |
| | 1213 | A.A. PRIDE | 120 | 97 | 1 | 11560 | 80.83 |
| | | | | 97 | 1 | 11560 | 80.83 |
| | 1247 | A 7 PRIDE | 105 | 109 | 1 | 31470 | 103.80 |
| | | | 105 | 105 | 3 | 69170 | 100.00 |
| | | | | 106 | 4 | 100640 | 101.19 |
| | 1400 | C# BRITISH OPAQUE - SERVICE OF | 112 | 114 | 9 | 108110 | 101.78 |
| | | | | 114 | 9 | 108110 | 101.78 |
| | 1421 | BRITISH OPAQUE - SERVICE OFFSE | 116 | 114 | 7 | 91330 | 98.27 |
| | | | | 114 | 7 | 91330 | 98.27 |
| | 1607 | ALLIED PRIDE | 105 | 101 | 2 | 7860 | 96.19 |
| | | | | 101 | 2 | 7860 | 96.19 |
| | 2000 | BRITE LITE THIN | 110 | 103 | 2 | 14680 | 93.63 |
| | | | 110 | 102 | 4 | 17000 | 92.72 |
| | | | | 102 | 6 | 31680 | 93.14 |
| | 2002 | BRITE LITE THIN | 110 | 110 | 5 | 58740 | 100.00 |
| | | | 110 | 90 | 6 | 80840 | 81.81 |
| | | | | 98 | 11 | 139580 | 89.46 |
| | 2207 | IMPERIAL BIBLE | 110 | 93 | 4 | 42900 | 84.54 |
| | | | | 93 | 4 | 42900 | 84.54 |
| | 2217 | C W IMPERIAL BIBLE | 96 | 106 | 3 | 30870 | 110.41 |
| | | | | 106 | 3 | 30870 | 110.41 |
| | 2249 | LAWYERS WHITE OFFSET | 110 | 118 | 5 | 58370 | 107.27 |
| | | | 110 | 116 | 6 | 103830 | 105.45 |
| | | | | 117 | 11 | 162200 | 106.10 |
| | 2406 | SHAKESPEARE THIN | 110 | 116 | 2 | 20260 | 105.45 |
| | | | | 116 | 2 | 20260 | 105.45 |
| | 2501 | SOLITUDE OPAQUE | 105 | 98 | 2 | 11180 | 93.33 |
| | | | | 98 | 2 | 11180 | 93.33 |
| | 2503 | SOLITUDE OPAQUE | 110 | 107 | 8 | 100140 | 97.27 |
| | | | | 107 | 8 | 100140 | 97.27 |

854845

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2535 | MANUAL OFFSET | 110 | 105 | 2 | 48520 | 95.45 |
| | | | | 105 | 2 | 48520 | 95.45 |
| | 2540 | A.P. LIGHT WEIGHT | 110 | 101 | 1 | | 91.81 |
| | | | | | 1 | | |
| | 2543 | A.P. LIGHTWEIGHT | 112 | 105 | 2 | 26980 | 93.75 |
| | | | | 105 | 2 | 26980 | 93.75 |
| | 2546 | A.P. LIGHTWEIGHT | 105 | 75 | 3 | 26180 | 71.42 |
| | | | | 75 | 3 | 26180 | 71.42 |
| | 2551 | A.P. LIGHTWEIGHT | 110 | 107 | 1 | | 97.27 |
| | | | 110 | 99 | 6 | 112400 | 90.00 |
| | | | | 99 | 7 | 112400 | 90.00 |
| | 2552 | A.P. LIGHT WEIGHT | 112 | 107 | 4 | 59730 | 95.53 |
| | | | | 107 | 4 | 59730 | 95.53 |
| | 3830 | WHITE BOOKLITE | 102 | 105 | 2 | 11310 | 102.94 |
| | | | | 105 | 2 | 11310 | 102.94 |
| | 3535 | WHITE BOOK LITE | 105 | 105 | 3 | 43500 | 100.00 |
| | | | | 105 | 3 | 43500 | 100.00 |
| | 7100 | K WHITE OFFSET | 110 | 110 | 2 | 45240 | 100.00 |
| | | | | 110 | 2 | 45240 | 100.00 |
| | 7191 | M.W. K OFFSET - ANTIQUE | 110 | 100 | 4 | 24510 | 90.90 |
| | | | | 100 | 4 | 24510 | 90.90 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 105 | 11 | 247150 | 95.45 |
| | | | | 105 | 11 | 247150 | 95.45 |
| | 9600 | TRIAL RUNS | | 115 | 1 | | |
| | | | | 110 | 1 | | |
| | | | | | 2 | | |
| | | | | 106 | 135 | 1629080 | 96.87 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1984

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1100 | [illegible] RAMTEXT NEW SHADE EB | 138 | 138 | 9 | 281650 | 100.00 |
| | | | | 138 | 9 | 281650 | 100.00 |
| | 1200 | SPECIAL AM PRIDE | 145 | 145 | 12 | | 100.00 |
| | | | | | 12 | | |
| | 1206 | SPEC A.M. PRIDE | 142 | 144 | 3 | 20060 | 101.40 |
| | | | | 144 | 3 | 20060 | 101.40 |
| | 1208 | A.M. PRIDE | 148 | 145 | 3 | 44350 | 97.97 |
| | | | 148 | 140 | 8 | 209690 | 94.59 |
| | | | | 141 | 11 | 254040 | 95.18 |
| | 1210 | GENERIC OFFSET | 142 | 142 | 3 | 84550 | 100.00 |
| | | | 142 | 130 | 1 | 14450 | 91.54 |
| | | | | 140 | 4 | 99000 | 98.77 |
| | 1211 | GENERIC OFFSET | 148 | 140 | 1 | 34920 | 94.59 |
| | | | | 140 | 1 | 34920 | 94.59 |
| | 1533 | WHITE SPEC K OFFSET | 142 | 147 | 1 | 11430 | 103.52 |
| | | | 142 | 146 | 1 | 27600 | 102.81 |
| | | | 142 | 138 | 2 | 43640 | 97.18 |
| | | | | 142 | 4 | 82670 | 99.94 |
| | 1559 | WHITE SPEC K OFFSET | 142 | 140 | 1 | 10640 | 98.59 |
| | | | | 140 | 1 | 10640 | 98.59 |
| | 2504 | SOLITUDE OPAQUE | 140 | 138 | 1 | 9540 | 98.57 |
| | | | | 138 | 1 | 9540 | 98.57 |
| | 2536 | I B M MANUAL | 142 | 140 | 2 | 47540 | 98.59 |
| | | | 142 | 120 | 5 | 33510 | 84.50 |
| | | | | 132 | 7 | 81050 | 92.76 |
| | 2903 | DICKENS OFFSET | 140 | 140 | 1 | 42050 | 100.00 |
| | | | | 140 | 1 | 42050 | 100.00 |
| | 2961 | [illegible] G OFFSET | 142 | 142 | 2 | 82660 | 100.00 |
| | | | | 142 | 2 | 82660 | 100.00 |
| | 2962 | OPACIFIED OFFSET JCPA80 | 142 | 128 | 1 | 9380 | 90.14 |
| | | | | 128 | 1 | 9380 | 90.14 |
| | 3005 | SUPERIOR OFFSET | 142 | 125 | 5 | 230200 | 88.02 |
| | | | | 125 | 5 | 230200 | 88.02 |
| | 7100 | K WHITE OFFSET | 142 | 144 | 2 | 29580 | 101.40 |
| | | | 142 | 140 | 4 | 44270 | 98.59 |

054047 SB

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| H | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 142 | 128 | 2 | 56755 | 90.14 |
| | | | | 136 | 8 | 130605 | 95.55 |
| | 7101 | K WHITE OFFSET | 142 | 147 | 1 | 14300 | 103.52 |
| | | | 142 | 138 | 1 | 9410 | 97.19 |
| | | | 142 | 124 | 3 | 68460 | 87.32 |
| | | | | 129 | 5 | 92170 | 90.84 |
| | 7102 | K WHITE OFFSET | 142 | 140 | 6 | 72730 | 98.59 |
| | | | 142 | 139 | 3 | 45290 | 97.88 |
| | | | 142 | 137 | 2 | 24560 | 96.47 |
| | | | 142 | 136 | 5 | 79740 | 95.77 |
| | | | 142 | 130 | 2 | 31000 | 91.54 |
| | | | | 137 | 18 | 253320 | 96.51 |
| | 7104 | K WHITE OFFSET | 142 | 147 | 5 | 132490 | 103.52 |
| | | | 142 | 145 | 3 | 40860 | 102.11 |
| | | | 142 | 144 | 1 | 32580 | 101.40 |
| | | | 142 | 142 | 1 | 4520 | 100.00 |
| | | | 142 | 141 | 1 | 14840 | 99.29 |
| | | | 142 | 140 | 6 | 111180 | 98.59 |
| | | | 142 | 136 | 1 | 38760 | 95.77 |
| | | | | 143 | 18 | 375230 | 100.71 |
| | 7105 | K WHITE OFFSET | 146 | 143 | 1 | 27750 | 97.94 |
| | | | 146 | 131 | 2 | 71720 | 89.72 |
| | | | 146 | 116 | 2 | 16620 | 79.45 |
| | | | | 132 | 5 | 116090 | 90.21 |
| | 7122 | B W K OFFSET - ANTIQUE | 142 | 138 | 1 | 21600 | 97.18 |
| | | | | 138 | 1 | 21600 | 97.18 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 134 | 2 | 82800 | 94.36 |
| | | | 142 | 132 | 3 | 103220 | 92.95 |
| | | | | 133 | 5 | 186020 | 93.58 |
| | 7124 | B W K OFFSET ANTIQUE | 142 | 141 | 3 | 81390 | 99.29 |
| | | | 142 | 136 | 2 | 36400 | 95.77 |
| | | | | 139 | 5 | 117790 | 98.20 |
| | 7200 | RAVENSWOOD OPAQUE | 140 | 142 | 4 | 94140 | 101.42 |
| | | | | 142 | 4 | 94140 | 101.42 |
| | 7201 | RAVENSWOOD OPAQUE | 140 | 144 | 11 | 436760 | 102.85 |
| | | | 140 | 138 | 5 | 100260 | 98.57 |
| | | | | 143 | 16 | 537020 | 102.05 |
| | 7202 | RAVENSWOOD OPAQUE | 140 | 140 | 4 | 111370 | 100.00 |
| | | | 140 | 132 | 2 | 55680 | 94.28 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| M | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 137 | 6 | 167050 | 98.09 |
| | 7239 | O W RAVENSWOOD OPA. | 148 | 144 | 4 | 100420 | 97.29 |
| | | | | 144 | 4 | 100420 | 97.29 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 15 | 474370 | 100.00 |
| | | | | 148 | 15 | 474370 | 100.00 |
| | 9601 | TRIAL RUNS | | 147 | 1 | | |
| | | | | 140 | 1 | | |
| | | | | 126 | 1 | | |
| | | | | 109 | 2 | | |
| | | | | | 5 | | |
| | | | | 139 | 177 | 3903685 | 97.70 |

054949 SD

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| MCH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 203 | LAUREL TEXT - MS | 126 | 123 | 1 | | 97.61 |
| | | | | | 1 | | |
| | 1202 | SPECIAL AM PRIDE | 128 | 128 | 12 | | 100.00 |
| | | | | | 12 | | |
| | 1533 | WHITE LPIC K OFFSET | 136 | 131 | 3 | 30170 | 96.32 |
| | | | 136 | 116 | 1 | 7670 | 85.29 |
| | | | | 128 | 4 | 37840 | 94.09 |
| | 1805 | ALLIED PRIDE | 136 | 135 | 5 | 100250 | 99.26 |
| | | | 136 | 125 | 1 | 11450 | 91.91 |
| | | | 136 | 123 | 8 | 172150 | 90.44 |
| | | | | 127 | 12 | 283850 | 93.61 |
| | 1840 | LIC ALLIED PRIDE | 136 | 122 | 7 | 169660 | 88.40 |
| | | | | 122 | 7 | 169660 | 88.40 |
| | 2144 | BRITISH OPAQUE | 134 | 120 | 7 | 165760 | 89.55 |
| | | | | 120 | 7 | 165760 | 89.55 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 130 | 2 | 5100 | 98.48 |
| | | | | 130 | 2 | 5100 | 98.48 |
| | 2247 | LAWYERS WHITE OFFSET | 136 | 120 | 4 | 82660 | 88.23 |
| | | | | 120 | 4 | 82660 | 88.23 |
| | 2503 | SOLITUDE OPAQUE | 134 | 137 | 6 | 86350 | 102.23 |
| | | | | 137 | 6 | 86350 | 102.23 |
| | 2513 | SOLITUDE OPAQUE | 136 | 123 | 1 | 4400 | 90.44 |
| | | | | 123 | 1 | 4400 | 90.44 |
| | 2546 | A P LIGHT WEIGHT | 132 | 130 | 13 | 130920 | 98.48 |
| | | | 132 | 101 | 3 | 11020 | 76.51 |
| | | | | 128 | 16 | 141940 | 96.77 |
| | 2901 | DICKENS OFFSET | 134 | 133 | 14 | 606690 | 99.25 |
| | | | | 133 | 14 | 606690 | 99.25 |
| | 7107 | K WHITE OFFSET | 136 | 114 | 1 | 9750 | 83.82 |
| | | | 136 | 110 | 2 | 33180 | 80.88 |
| | | | | 111 | 3 | 42930 | 81.55 |
| | 7111 | K WHITE OFFSET | 136 | 126 | 4 | 125100 | 92.64 |
| | | | | 126 | 4 | 125100 | 92.64 |
| | 7112 | K WHITE OFFSET | 136 | 135 | 3 | 38780 | 99.26 |
| | | | 136 | 123 | 2 | 13870 | 90.44 |

854958 SD

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | JUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 132 | 7 | 52650 | 96.94 |
| | 7104 | WHITE OFFSET | 136 | 138 | 2 | 10070 | 101.47 |
| | | | 136 | 135 | 3 | 45680 | 99.26 |
| | | | | 136 | 5 | 55750 | 99.66 |
| | 7110 | WHITE OFFSET | 136 | 130 | 2 | 41430 | 100.00 |
| | | | | 136 | 2 | 41430 | 100.00 |
| | 7120 | B & K OFFSET - ANTIQUE | 136 | 132 | 2 | 19990 | 97.09 |
| | | | 136 | 123 | 1 | 12700 | 90.44 |
| | | | | 129 | 3 | 32690 | 94.48 |
| | 7122 | B & K OFFSET - ANTIQUE | 136 | 125 | 1 | 8550 | 91.91 |
| | | | | 125 | 1 | 8550 | 91.91 |
| | 7124 | B & K OFFSET ANTIQUE | 136 | 129 | 1 | 18950 | 94.85 |
| | | | 136 | 128 | 1 | 4750 | 94.11 |
| | | | | 129 | 2 | 23700 | 94.70 |
| | 7201 | RAVENSWOOD OPAQUE | 136 | 138 | 2 | 72290 | 101.47 |
| | | | 136 | 137 | 6 | 206390 | 100.73 |
| | | | 136 | 135 | 3 | 68370 | 99.26 |
| | | | 136 | 132 | 2 | 43160 | 97.05 |
| | | | 136 | 125 | 1 | 3500 | 91.91 |
| | | | 136 | 123 | 5 | 187570 | 90.44 |
| | | | | 132 | 19 | 581490 | 97.36 |
| | 7204 | RAVENSWOOD OPAQUE | 136 | 133 | 1 | 20950 | 97.79 |
| | | | 136 | 131 | 8 | 203910 | 96.32 |
| | | | 136 | 124 | 2 | 31930 | 91.17 |
| | | | 136 | 123 | 9 | 305340 | 90.44 |
| | | | 136 | 106 | 1 | 7350 | 77.94 |
| | | | 136 | 105 | 2 | 18840 | 77.20 |
| | | | | 125 | 23 | 588320 | 92.20 |
| | | | | 128 | 155 | 3106850 | 94.92 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 1100 | MAR TEXT VELLUM | 104 | 104 | 14 | 467090 | 100.00 |
| | | | | 104 | 14 | 467090 | 100.00 |
| | 1203 | SPECIAL AM PRIDE | 116 | 116 | 12 | | 100.00 |
| | | | | | 12 | | |
| | 1300 | A.M. PRIDE | 106 | 117 | 2 | 30060 | 110.37 |
| | | | 106 | 105 | 2 | 38000 | 99.05 |
| | | | | 110 | 4 | 68060 | 104.05 |
| | 1210 | GENERIC OFFSET | 105 | 105 | 3 | 41640 | 100.00 |
| | | | | 105 | 3 | 41640 | 100.00 |
| | 1211 | GENERIC OFFSET | 110 | 105 | 1 | 6060 | 95.45 |
| | | | 110 | 104 | 1 | 12800 | 94.54 |
| | | | | 104 | 2 | 18860 | 94.81 |
| | 1559 | WHITE SPEC X OFFSET | 105 | 108 | 4 | 83470 | 102.85 |
| | | | 105 | 104 | 2 | 46340 | 99.04 |
| | | | | 107 | 6 | 129810 | 101.49 |
| | 1820 | AM PRIDE OPAQUE | 110 | 109 | 1 | 12280 | 99.09 |
| | | | | 109 | 1 | 12280 | 99.09 |
| | 2506 | SOLITUDE OPAQUE | 110 | 119 | 2 | 42850 | 108.18 |
| | | | 110 | 92 | 1 | 6780 | 83.63 |
| | | | | 115 | 3 | 49630 | 104.83 |
| | 3502 | SUPERIOR OFFSET | 110 | 107 | 25 | 1070410 | 97.27 |
| | | | | 107 | 25 | 1070410 | 97.27 |
| | 5101 | GREENTINT LEDGER ANTIQUE | 120 | 109 | 6 | 207980 | 90.83 |
| | | | | 109 | 6 | 207980 | 90.83 |
| | 7100 | K WHITE OFFSET | 110 | 114 | 1 | 4360 | 103.63 |
| | | | 110 | 113 | 1 | 25990 | 102.72 |
| | | | 110 | 104 | 2 | 32220 | 94.54 |
| | | | 110 | 102 | 2 | 35640 | 92.72 |
| | | | | 106 | 6 | 98210 | 96.45 |
| | 7101 | K WHITE OFFSET | 110 | 108 | 1 | 12750 | 98.18 |
| | | | 110 | 107 | 1 | 15750 | 97.27 |
| | | | | 107 | 2 | 28500 | 97.68 |
| | 7102 | K WHITE OFFSET | 110 | 116 | 1 | 17050 | 105.45 |
| | | | 110 | 119 | 3 | 67750 | 104.84 |
| | | | 110 | 113 | 3 | 53920 | 102.72 |
| | | | 110 | 111 | 3 | 77220 | 100.90 |
| | | | 110 | 107 | 2 | 14860 | 97.27 |

854852 59

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| M | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 105 | 5 | 129570 | 95.45 |
| | | | 110 | 102 | 3 | 53340 | 92.72 |
| | | | 110 | 99 | 2 | 13590 | 90.00 |
| | | | | 109 | 22 | 426320 | 98.75 |
| | 7101 | K WHITE OFFSET | 110 | 122 | 1 | 12640 | 110.90 |
| | | | 110 | 115 | 4 | 66900 | 104.54 |
| | | | 110 | 110 | 3 | 54130 | 100.00 |
| | | | 110 | 107 | 2 | 7840 | 97.27 |
| | | | 110 | 105 | 2 | 17190 | 95.45 |
| | | | 110 | 101 | 2 | 47880 | 91.81 |
| | | | 110 | 100 | 2 | 7320 | 90.90 |
| | | | | 109 | 16 | 213900 | 99.45 |
| | 7102 | K WHITE OFFSET | 110 | 114 | 2 | 39080 | 103.63 |
| | | | | 114 | 2 | 39080 | 103.63 |
| | 7121 | C.W. K OFFSET - ANTIQUE | 110 | 113 | 2 | 25900 | 102.72 |
| | | | | 113 | 2 | 25900 | 102.72 |
| | 7122 | C W K OFFSET - ANTIQUE | 110 | 115 | 1 | 12600 | 104.54 |
| | | | 110 | 111 | 2 | 39100 | 100.90 |
| | | | 110 | 100 | 2 | 21520 | 90.90 |
| | | | 110 | 98 | 1 | 13600 | 89.09 |
| | | | | 107 | 6 | 86820 | 97.10 |
| | 7123 | CW K OFFSET - ANTIQUE | 110 | 120 | 1 | 12920 | 109.09 |
| | | | 110 | 119 | 2 | 24380 | 108.18 |
| | | | 110 | 104 | 1 | 10500 | 94.54 |
| | | | | 116 | 4 | 47800 | 105.45 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 116 | 1 | 24820 | 105.45 |
| | | | 110 | 105 | 2 | 22560 | 95.45 |
| | | | | 111 | 3 | 47380 | 100.69 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 105 | 4 | 132290 | 95.45 |
| | | | 110 | 104 | 7 | 218660 | 94.54 |
| | | | | 104 | 11 | 350950 | 94.88 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 121 | 2 | 22950 | 110.00 |
| | | | 110 | 107 | 5 | 124140 | 97.27 |
| | | | 110 | 104 | 2 | 32670 | 94.54 |
| | | | 110 | 100 | 2 | 36560 | 90.90 |
| | | | | 107 | 11 | 216320 | 97.13 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 105 | 2 | 48730 | 95.45 |
| | | | | 105 | 2 | 48730 | 95.45 |
| | | | | 107 | 163 | 3695670 | 97.92 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 117 | 2 | 67630 | 112.50 |
| | | | 104 | 115 | 3 | 48490 | 110.57 |
| | | | | 116 | 5 | 116120 | 111.69 |
| | 205 | LAUREL TEXT R.S. | 104 | 108 | 2 | 4480 | 103.84 |
| | | | | 108 | 2 | 4480 | 103.84 |
| | 271 | TYPE IV BASE STOCK DRY TON | 104 | 107 | 4 | 62190 | 102.88 |
| | | | | 107 | 4 | 62190 | 102.88 |
| | 276 | TYPE IV E OT BLADE BASE | 124 | 118 | 26 | 658810 | 95.16 |
| | | | 124 | 112 | 3 | 40020 | 90.32 |
| | | | | 118 | 29 | 698930 | 94.88 |
| | 1000 | U.P. OFFSET | 114 | 114 | 16 | 452430 | 100.00 |
| | | | | 114 | 16 | 452430 | 100.00 |
| | 1202 | SPECIAL AM PRIDE | 116 | 116 | 12 | | 100.00 |
| | | | | | 12 | | |
| | 1207 | A 7 PRIDE | 106 | 98 | 1 | 20430 | 92.45 |
| | | | | 98 | 1 | 20430 | 92.45 |
| | 1208 | A.M. PRIDE | 110 | 105 | 3 | 83730 | 95.45 |
| | | | | 105 | 3 | 83730 | 95.45 |
| | 1933 | WHITE SPEC K OFFSET | 106 | 116 | 2 | 13240 | 109.43 |
| | | | 106 | 115 | 3 | 46100 | 108.49 |
| | | | | 115 | 5 | 59340 | 108.70 |
| | 1967 | PRICE OPAQUE | 110 | 114 | 7 | 75490 | 103.63 |
| | | | | 114 | 7 | 75490 | 103.63 |
| | 1828 | ALLIED PRIDE | 110 | 108 | 2 | 11740 | 98.18 |
| | | | | 108 | 2 | 11740 | 98.18 |
| | 1901 | TENNYSON OFFSET | 110 | 110 | 7 | 183910 | 100.00 |
| | | | | 110 | 7 | 183910 | 100.00 |
| | 2243 | LAWYERS OFFSET | 110 | 115 | 2 | 44100 | 104.54 |
| | | | 110 | 113 | 3 | 75420 | 102.72 |
| | | | | 114 | 5 | 119520 | 103.39 |
| | 2505 | SOLITUDE OPAQUE | 110 | 114 | 3 | 51830 | 103.63 |
| | | | | 114 | 3 | 51830 | 103.63 |
| | 2513 | IVH SUPERIOR OFFSET | 110 | 105 | 1 | 4280 | 95.45 |
| | | | | 105 | 1 | 4280 | 95.45 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12,1984

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 9000 | TRIAL RUNS | | 120 | 3 | | |
| | | | | 110 | 1 | | |
| | | | | | 4 | | |
| | | | | 112 | 174 | 3059330 | 98.45 |

854955 SA

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2535 | MANUAL OFFSET | 110 | 108 | 4 | 90390 | 95.45 |
| | | | | 105 | 4 | 90390 | 95.45 |
| | 2936 | I U M MANUAL | 110 | 105 | 2 | 47550 | 95.45 |
| | | | | 105 | 2 | 47550 | 95.45 |
| | 2945 | A.P. LIGHTWEIGHT | 110 | 98 | 3 | 21750 | 89.09 |
| | | | | 98 | 3 | 21750 | 89.09 |
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 114 | 119 | 3 | 22980 | 104.38 |
| | | | | 119 | 3 | 22980 | 104.38 |
| | 7100 | K WHITE OFFSET | 110 | 105 | 7 | 126810 | 95.45 |
| | | | | 105 | 7 | 126810 | 95.45 |
| | 7102 | K WHITE OFFSET | 110 | 116 | 2 | 23640 | 105.45 |
| | | | 110 | 113 | 6 | 158240 | 102.72 |
| | | | 110 | 110 | 6 | 174870 | 100.00 |
| | | | 110 | 105 | 11 | 140070 | 95.45 |
| | | | 110 | 104 | 1 | 4170 | 94.54 |
| | | | 110 | 102 | 2 | 14240 | 92.72 |
| | | | | 110 | 28 | 515230 | 99.60 |
| | 7104 | K WHITE OFFSET | 110 | 105 | 2 | 21610 | 95.45 |
| | | | 110 | 98 | 1 | 7840 | 89.09 |
| | | | | 103 | 3 | 29650 | 93.77 |
| | 7120 | B W K OFFSET - ANTIQUE | 110 | 105 | 3 | 51670 | 95.45 |
| | | | | 105 | 3 | 51670 | 95.45 |
| | 7122 | B W K OFFSET - ANTIQUE | 110 | 111 | 1 | 4180 | 100.90 |
| | | | | 111 | 1 | 4180 | 100.90 |
| | 7123 | BW K OFFSET - ANTIQUE | 110 | 114 | 1 | 3860 | 103.63 |
| | | | | 114 | 1 | 3860 | 103.63 |
| | 7124 | B W K OFFSET ANTIQUE | 124 | 108 | 3 | 63430 | 84.67 |
| | | | | 105 | 3 | 63430 | 84.67 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 108 | 3 | 21660 | 98.18 |
| | | | 110 | 105 | 4 | 67550 | 95.45 |
| | | | | 106 | 7 | 89210 | 96.11 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 105 | 1 | 6660 | 95.45 |
| | | | | 105 | 1 | 6660 | 95.45 |
| | 9038 | SATURATED VELLUM BASE | 123 | 116 | 2 | 41640 | 94.30 |
| | | | | 116 | 2 | 41640 | 94.30 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 12.1984

| MCH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 860 | LAUREL TEXT | 102 | 114 | 4 | 67174 | 111.76 |
| | | | 102 | 113 | 6 | 48980 | 110.78 |
| | | | | 114 | 10 | 116154 | 111.35 |
| | 880 | LAUREL TEXT | 102 | 105 | 1 | 4950 | 102.94 |
| | | | | 105 | 1 | 4950 | 102.94 |
| | 871 | MASTERBASE TYPE V LTHW-S | 102 | 104 | 10 | 48508 | 101.96 |
| | | | | 104 | 10 | 48508 | 101.96 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 118 | 1 | | 115.68 |
| | | | 102 | 116 | 4 | 9194 | 113.72 |
| | | | 102 | 115 | 53 | 370119 | 112.74 |
| | | | 102 | 110 | 6 | 31714 | 107.84 |
| | | | 102 | 107 | 12 | 64044 | 104.90 |
| | | | 102 | 102 | 6 | | 100.00 |
| | | | 102 | 89 | 11 | 39442 | 87.25 |
| | | | 102 | 80 | 4 | 14946 | 78.43 |
| | | | | 111 | 97 | 529459 | 108.65 |
| | 9600 | TRIAL RUNS | | 115 | 1 | | |
| | | | | | 1 | | |
| | | | | | 2 | | |
| | | | | 111 | 120 | 699071 | 108.59 |

MOVEMENT 1994

TONS

5 — — 982870 = 492

6 — 73320 + 2274290 = 1174

7 — 11155 + 1854380 = 933

8 — 3640 + 2410880 = 1207

9 — 17200 + 2273570 = 1145

17 — 91278 + 409685 = 250

HRS

5 — 5.0 + 397.7 402

6 — 48.0 + 462.0 451

7 — 4.8 - 411.6 416

8 — 2.0 - 451.5 452

9 — 5.0 - 436.5 442

17 — 46.3 + 144.1 190

| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MA EFF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 30.00 | 1100 | BW BANTEXT NEW SHAD | 88.6 | 79.1 | 97.39 | 207299 | 231460 | 6580 | 224880 | 108.48 | |
| 5 | 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 5 | 28.00 | 1228 | CUSTOM OFFSET | 33.9 | 25.2 | 81.09 | 59773 | 58270 | 10820 | 47450 | 79.38 | |
| 5 | 22.00 | 1400 | CW BRITISH OPAQUE - | 13.6 | 12.0 | 96.26 | 25992 | 32420 | | 32420 | 124.73 | |
| 5 | 30.00 | 1800 | PRIDE OPAQUE | 3.4 | 3.4 | 109.09 | 8996 | 11260 | | 11260 | 125.17 | |
| 5 | 33.00 | 1805 | ALLIED PRIDE | 14.1 | 13.6 | 105.22 | 38556 | 36590 | | 36590 | 94.90 | |
| 5 | 28.00 | 1828 | ALLIED PRIDE | 32.9 | 26.5 | 87.87 | 68696 | 73890 | 4960 | 68930 | 100.36 | |
| 5 | 20.00 | 2000 | BRITE LITE THIN | 40.6 | 30.1 | 80.88 | 52703 | 33240 | 3985 | 29255 | 55.51 | |
| 5 | 22.00 | 2001 | BRITE LITE THIN | 23.8 | 20.6 | 94.42 | 37574 | 40860 | | 40860 | 108.75 | |
| 5 | 24.00 | 2002 | BRITE LITE THIN | 13.2 | 11.7 | 96.69 | 27284 | 26310 | 1050 | 25260 | 92.58 | |
| 5 | 28.00 | 2101 | BRITISH OPAQUE | 14.0 | 13.0 | 101.30 | 34943 | 38120 | 1030 | 37090 | 106.14 | |
| 5 | 24.00 | 2210 | C W IMPERIAL BIBLE | 23.2 | 21.6 | 101.57 | 49733 | 50060 | | 50060 | 100.65 | |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL B | 21.0 | 20.1 | 104.42 | 37219 | 46340 | 4160 | 42180 | 113.33 | |
| 5 | 30.00 | 2240 | LAWYERS WHITE OFFSE | 60.5 | 46.6 | 84.03 | 126822 | 121070 | 7080 | 113990 | 89.98 | |
| 5 | 30.00 | 2503 | SOLITUDE OPAQUE | 3.8 | 3.3 | 94.74 | 8731 | 10170 | | 10170 | 116.48 | |
| 5 | 35.00 | 2504 | SOLITUDE OPAQUE | | | | | | 2664 | 2664- | | |
| 5 | 24.00 | 2524 | SOLITUDE OPAQUE | 5.4 | 5.1 | 103.03 | 10379 | 11890 | | 11890 | 114.56 | |
| 5 | 20.00 | 2540 | A P LIGHT WEIGHT | 6.8 | 5.9 | 99.02 | 9428 | 12160 | | 12160 | 128.98 | |
| 5 | 23.00 | 2547 | A.P. LIGHTWEIGHT | 29.4 | 26.8 | 99.44 | 51968 | 61830 | | 61830 | 118.98 | |
| 5 | 26.00 | 2549 | A.P. LIGHTWEIGHT | 1.8 | 1.3 | 78.79 | 3437 | 4400 | | 4400 | 128.02 | |
| 5 | 35.00 | 3839 | WHITE BOOK LITE | 21.3 | 18.1 | 92.70 | 51313 | 42920 | | 42920 | 83.64 | |
| 5 | 21.50 | 6400 | CIGARETTE TIPPING - | | | | | | | | | |
| 5 | 60.00 | 7102 | K WHITE OFFSET | 6.5 | 4.2 | 70.49 | 14748 | 9480 | | 9480 | 67.48 | |
| 5 | 50.00 | 7122 | B W K OFFSET - ANTI | 16.5 | 9.5 | 62.81 | 27838 | 30130 | | 30130 | 108.23 | |
| 5 | 1.20 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 28.34 | | NACH TOTAL 1.09091 | 474.0 | 397.7 | 91.53 | 952724 | 982870 | 42329 | 940541 | 98.72 | 90. |
| 6 | 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 6 | 40.00 | 1206 | SPEC A.M. PRIDE | 14.5 | 13.9 | 104.58 | 79786 | 75590 | | 75590 | 94.74 | |
| 6 | 80.00 | 1208 | A.M. PRIDE | 11.3 | 11.1 | 107.16 | 51006 | 79400 | | 79400 | 98.02 | |
| 6 | 60.00 | 1210 | GENERIC OFFSET | 12.9 | 11.8 | 102.98 | 86661 | 88370 | | 88370 | 101.97 | |
| 6 | 50.00 | 1533 | WHITE SPEC K OFFSET | 6.4 | 5.9 | 100.57 | 40939 | 42360 | | 42360 | 103.47 | |
| 6 | 90.00 | 2507 | SOLITUDE OPAQUE | 23.7 | 23.3 | 107.25 | 171890 | 174000 | 1280 | 172720 | 100.48 | |
| 6 | 40.00 | 2935 | MANUAL OFFSET | 8.3 | 7.5 | 98.58 | 43050 | 47170 | | 47170 | 109.87 | |
| 6 | 40.00 | 3000 | SUPERIOR OFFSET | | | | | | | | | |
| 6 | 40.00 | 7000 | CALENDAR PAD OFFSET | 8.4 | 8.0 | 103.90 | 46493 | 51480 | 4410 | 47070 | 101.24 | |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 18.0 | 17.4 | 105.45 | 98330 | 97760 | 2170 | 95590 | 97.21 | |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 12.4 | 11.4 | 100.29 | 74053 | 54290 | 11760 | 42530 | 57.43 | |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 20.9 | 19.0 | 99.17 | 132095 | 132410 | 5760 | 126650 | 95.88 | |
| 6 | 55.00 | 7103 | K WHITE OFFSET | 2.4 | 1.9 | 86.36 | 15466 | 10760 | | 10760 | 69.57 | |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 12.8 | 10.7 | 91.19 | 80298 | 82670 | | 82670 | 102.95 | |
| 6 | 70.00 | 7105 | K WHITE OFFSET | 19.2 | 15.7 | 89.20 | 111521 | 122740 | 81670 | 41070 | 36.83 | |
| 6 | 50.00 | 7122 | B W K OFFSET - ANTI | 6.0 | 5.8 | 105.45 | 41736 | 44320 | | 44320 | 106.19 | |
| 6 | 55.00 | 7123 | BW K OFFSET - ANTIQ | 7.3 | 6.3 | 94.15 | 48510 | 40500 | | 40500 | 83.49 | |
| 6 | 60.00 | 7124 | B W K OFFSET ANTIQU | 5.0 | 4.1 | 89.45 | 28063 | 29680 | | 29680 | 105.76 | |
| 6 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 13.2 | 11.8 | 97.52 | 94624 | 82070 | | 82070 | 96.98 | |

| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MAC EFFI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 38.00 | 7238 | 3 # RAVENSWOOD OPA. | 100.4 | 96.1 | 104.42 | 536549 | 525780 | 2600 | 523180 | 97.51 | |
| 6 | 29.00 | 9001 | DUPONT PAPER (BLUE) | 125.0 | 120.3 | 104.99 | 470028 | 492940 | | 492940 | 104.87 | |
| 6 | 50.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 43.54 | | MACH TOTAL 1.09091 | 427.7 | 402.0 | 102.54 | 2271098 | 2274290 | 109650 | 2164640 | 95.31 | 97.7 |
| | 38.95 | | MILL C TOTAL | 901.7 | 799.7 | 96.75 | 3223622 | 3257160 | 151979 | 3105181 | 96.32 | 93.1 |
| 7 | 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 7 | 45.00 | 1207 | A.M. PRIDE | 4.7 | 4.4 | 102.13 | 27080 | 29840 | | 29840 | 110.19 | |
| 7 | 50.00 | 1208 | A.M. PRIDE | 12.7 | 11.6 | 99.64 | 71393 | 67390 | | 67390 | 94.39 | |
| 7 | 60.00 | 1210 | GENERIC OFFSET | 4.4 | 4.1 | 101.65 | 23907 | 21930 | | 21930 | 91.73 | |
| 7 | 60.00 | 1500 | WHITE SPEC K OFFSET | 14.0 | 7.0 | 54.55 | 47333 | 39290 | | 39290 | 83.01 | |
| 7 | 40.00 | 1810 | BW PRIDE OPAQUE | | | | | | | | | |
| 7 | 28.00 | 2201 | IMPERIAL BIBLE | 6.6 | 5.8 | 95.87 | 19000 | 17120 | | 17120 | 90.11 | |
| 7 | 33.00 | 2203 | IMPERIAL BIBLE | 9.6 | 5.6 | 71.04 | 23379 | 15320 | 4720 | 10600 | 45.34 | |
| 7 | 24.00 | 2210 | C W IMPERIAL BIBLE | 34.2 | 31.1 | 99.20 | 90030 | 98080 | 4680 | 93400 | 103.74 | |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL B | 4.2 | 3.7 | 96.10 | 7748 | 9280 | | 9280 | 119.77 | |
| 7 | 30.00 | 2503 | SOLITUDE OPAQUE | 193.4 | 165.4 | 93.30 | 645612 | 644430 | 23940 | 620490 | 96.11 | |
| 7 | 35.00 | 2504 | SOLITUDE OPAQUE | 13.4 | 11.4 | 92.81 | 53268 | 55770 | | 55770 | 104.70 | |
| 7 | 40.00 | 2505 | SOLITUDE OPAQUE | 9.3 | 8.8 | 103.23 | 43728 | 48120 | | 48120 | 110.04 | |
| 7 | 22.00 | 2542 | A P LIGHT WEIGHT | 21.9 | 20.4 | 101.62 | 47256 | 38850 | | 38850 | 82.21 | |
| 7 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 21.0 | 12.0 | 62.34 | 46800 | 52850 | 1040 | 51810 | 110.71 | |
| 7 | 33.00 | 2502 | A.P. LIGHT WEIGHT | | | | | | | | | |
| 7 | 50.00 | 3002 | SUPERIOR OFFSET | 22.9 | 21.7 | 103.37 | 129157 | 132650 | | 132650 | 102.70 | |
| 7 | 38.00 | 3036 | WORLD BOOK ENCYCLOP | 54.5 | 54.0 | 108.09 | 244187 | 282200 | 5200 | 277000 | 113.44 | |
| 7 | 60.00 | 3903 | SCHOOL COTE | | | | | | 2520 | 2520- | | |
| 7 | 50.00 | 7102 | K WHITE OFFSET | 20.8 | 19.9 | 104.37 | 120550 | 129640 | | 129640 | 107.54 | |
| 7 | 60.00 | 7104 | K WHITE OFFSET | 15.4 | 13.2 | 93.51 | 82633 | 87080 | | 87080 | 105.38 | |
| 7 | 70.00 | 7109 | K WHITE OFFSET | 13.7 | 11.5 | 91.57 | 72914 | 84540 | | 84540 | 115.94 | |
| 7 | 50.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 39.12 | | MACH TOTAL 1.09091 | 475.7 | 411.6 | 94.39 | 1795975 | 1854380 | 42100 | 1812280 | 100.91 | 95.2 |
| 8 | 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 8 | 45.00 | 1207 | A.M. PRIDE | 8.7 | 6.8 | 85.27 | 33557 | 30700 | | 30700 | 91.49 | |
| 8 | 50.00 | 1208 | A.M. PRIDE | 13.8 | 12.6 | 99.60 | 68744 | 73800 | | 73800 | 107.35 | |
| 8 | 60.00 | 1210 | GENERIC OFFSET | 3.8 | 3.6 | 103.38 | 19807 | 22380 | | 22380 | 112.99 | |
| 8 | 40.00 | 1503 | WHITE SPEC K OFFSET | 14.3 | 13.5 | 102.99 | 56891 | 61040 | | 61040 | 107.29 | |
| 8 | 50.00 | 1533 | WHITE SPEC K OFFSET | 60.6 | 59.1 | 106.39 | 347892 | 369110 | | 369110 | 106.10 | |
| 8 | 60.00 | 1559 | WHITE SPEC K OFFSET | 11.0 | 9.7 | 96.20 | 53200 | 53370 | | 53370 | 100.32 | |
| 8 | 30.00 | 1800 | PRIDE OPAQUE | 14.4 | 11.8 | 89.39 | 37170 | 23570 | | 23570 | 63.41 | |
| 8 | 40.00 | 1810 | BW PRIDE OPAQUE | 1.6 | 1.6 | 109.09 | 7150 | 8130 | | 8130 | 113.71 | |
| 8 | 35.00 | 2407 | SHAKESPEARE THIN | 92.7 | 88.0 | 103.56 | 342668 | 356050 | 1530 | 354520 | 103.46 | |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 4.4 | 3.6 | 89.26 | 16236 | 13630 | | 13630 | 83.95 | |
| 8 | 50.00 | 2536 | I B M MANUAL | 11.1 | 10.0 | 98.28 | 55439 | 47880 | | 47880 | 86.37 | |
| 8 | 35.00 | 2848 | A.P. LIGHTWEIGHT | 5.3 | 4.8 | 98.80 | 18691 | 21420 | | 21420 | 114.60 | |
| 8 | 40.00 | 7100 | K WHITE OFFSET | 14.0 | 13.4 | 104.42 | 60331 | 65130 | | 65130 | 107.95 | |

| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MAC EFFI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 50.00 | 7102 | K WHITE OFFSET | 78.4 | 73.3 | 101.99 | 415616 | 428720 | 1370 | 427350 | 102.77 | |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 91.3 | 86.9 | 103.83 | 500182 | 521470 | 1160 | 520310 | 104.02 | |
| 8 | 70.00 | 7105 | K WHITE OFFSET | 22.0 | 21.5 | 106.61 | 119365 | 120530 | | 120530 | 100.98 | |
| 8 | 80.00 | 7107 | K WHITE OFFSET | 3.0 | 2.5 | 90.91 | 12850 | 9390 | | 9390 | 73.07 | |
| 8 | 55.00 | 7123 | BW K OFFSET - ANTIQ | 14.8 | 14.8 | 109.09 | 88686 | 100370 | | 100370 | 113.17 | |
| 8 | 60.00 | 7124 | B W K OFFSET ANTIQU | 1.8 | 1.8 | 109.09 | 9432 | 10420 | | 10420 | 110.47 | |
| 8 | 56.00 | 7202 | RAVENSWOOD OPAQUE | 6.8 | 6.8 | 109.09 | 38057 | 40050 | | 40050 | 105.24 | |
| 8 | 60.00 | 7204 | RAVENSWOOD OPAQUE | 5.7 | 5.4 | 103.35 | 30276 | 33720 | | 33720 | 111.39 | |
| 8 | 50.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 50.76 | | MACH TOTAL 1.09091 | 479.5 | 451.5 | 102.72 | 2332440 | 2410880 | 4060 | 2406820 | 103.19 | 106.0 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 9.9 | 9.4 | 103.58 | 40426 | 48070 | | 48070 | 118.91 | |
| 9 | 48.00 | 205 | LAUREL TEXT R.O. | 3.4 | 2.7 | 86.63 | 14229 | 13870 | | 13870 | 97.48 | |
| 9 | 55.00 | 2746 | TYPE 904-B R.S. | 12.2 | 10.3 | 92.10 | 51734 | 49400 | | 49400 | 95.49 | |
| 9 | 60.00 | 276 | TYPE IV E LT BLADE | 89.8 | 82.7 | 100.47 | 411802 | 464180 | 11753 | 452427 | 109.87 | |
| 9 | 57.00 | 2784 | TYPE IV 1/2 LT LW B | | | | | | 2800 | 2800- | | |
| 9 | 68.50 | 291* | A.P. WALLPAPER BASE | 2.8 | 2.6 | 97.40 | 12361 | 14690 | | 14690 | 118.84 | |
| 9 | 45.00 | 1000 | O.P. OFFSET | 49.5 | 46.5 | 102.48 | 242782 | 247700 | | 247700 | 102.03 | |
| 9 | 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 9 | 45.00 | 1207 | A.M. PRIDE | 3.4 | 2.9 | 93.05 | 15672 | 16080 | | 16080 | 102.60 | |
| 9 | 50.00 | 1533 | WHITE SPEC K OFFSET | 19.2 | 17.4 | 98.86 | 94585 | 102640 | | 102640 | 108.52 | |
| 9 | 50.00 | 1702 | J OPACIFIED OFFSET | 13.5 | 11.8 | 95.35 | 70210 | 80800 | | 80800 | 115.08 | |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 5.2 | 2.7 | 56.64 | 8391 | | | | | |
| 9 | 35.00 | 1805 | ALLIED PRIDE | 28.8 | 26.7 | 101.14 | 101131 | 104290 | | 104290 | 103.12 | |
| 9 | 35.00 | 2241 | LAWYERS OFFSET | 43.4 | 41.7 | 104.82 | 159424 | 174240 | 1150 | 173090 | 108.57 | |
| 9 | 50.00 | 2507 | SOLITUDE OPAQUE | 10.3 | 9.9 | 103.80 | 56350 | 62940 | | 62940 | 111.69 | |
| 9 | 45.00 | 3501 | SCHOOL COTE | 17.5 | 15.1 | 94.13 | 66071 | 66620 | | 66620 | 97.87 | |
| 9 | 50.00 | 3502 | SCHOOL COTE | 4.9 | 3.9 | 86.83 | 18754 | 22300 | | 22300 | 118.91 | |
| 9 | 40.00 | 7100 | K WHITE OFFSET | 25.1 | 24.7 | 107.35 | 108327 | 113490 | 1140 | 112350 | 103.71 | |
| 9 | 45.00 | 7101 | K WHITE OFFSET | 16.4 | 10.7 | 71.18 | 53415 | 54930 | | 54930 | 102.84 | |
| 9 | 60.00 | 7102 | K WHITE OFFSET | 41.5 | 39.3 | 103.31 | 205980 | 219870 | | 219870 | 106.74 | |
| 9 | 60.00 | 7104 | K WHITE OFFSET | 35.2 | 32.3 | 100.10 | 196636 | 198700 | | 198700 | 100.95 | |
| 9 | 90.00 | 7108 | K WHITE OFFSET | 4.5 | 3.5 | 84.85 | 19443 | 19280 | | 19280 | 99.16 | |
| 9 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 11.2 | 9.9 | 96.43 | 43430 | 42220 | | 42220 | 97.21 | |
| 9 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 8.1 | 7.4 | 99.66 | 38470 | 42040 | | 42040 | 109.28 | |
| 9 | 68.50 | 9029* | SATURATED GRAVURE B | 7.1 | 5.6 | 86.04 | 27013 | 20420 | | 20420 | 75.59 | |
| 9 | 68.50 | 9030* | SATURATED VELLUM BA | 18.1 | 17.0 | 102.46 | 79367 | 94800 | | 94800 | 119.45 | |
| 9 | 60.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 49.59 | | MACH SUBTOTAL | 440.8 | 401.1 | 99.27 | 1967728 | 2094260 | 14043 | 2080217 | 105.72 | 104.9 |
| | 64.78 | | *MACH SUBTOTAL | 40.2 | 35.4 | 96.07 | 170475 | 179310 | 2800 | 176510 | 103.54 | 99.4 |
| | 50.78 | | MACH TOTAL 1.09091 | 481.0 | 436.5 | 99.00 | 2138203 | 2273570 | 16843 | 2256727 | 105.54 | 104.4 |
| | 46.98 | | MILL D SUBTOTAL | 1396.0 | 1264.2 | 98.79 | 6096143 | 6359520 | 60203 | 6299317 | 103.33 | 102.0 |
| | 64.78 | | *MILL D SUBTOTAL | 40.2 | 35.4 | 96.07 | 170475 | 179310 | 2800 | 176510 | 103.54 | 99.4 |

REPORT: R4PS7610 S C M A L L I E D P A P E R I N C. PAGE 4
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
RUN TIME: 092021 PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1984

| | BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION EFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MA EFF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 47.47 | | MILL D TOTAL | 1436.2 | 1299.6 | 98.72 | 6266618 | 6538830 | 63003 | 6475827 | 103.34 | 102. |
| | 44.26 | | BOOK MILL SUBTOT | 2297.7 | 2063.9 | 97.99 | 9319965 | 9616680 | 212182 | 9404498 | 100.91 | 98. |
| | 64.78 | | *BOOK MILL SUBTOT | 40.2 | 35.4 | 96.07 | 170475 | 179310 | 2800 | 176510 | 103.54 | 99. |
| | 44.64 | | BOOK MILL TOTAL | 2337.9 | 2099.3 | 97.96 | 9490440 | 9795990 | 214982 | 9581008 | 100.95 | 98. |
| 17 | 50.00 | 803 | LAUREL TEXT | 4.1 | 4.1 | 114.29 | 36109 | 53510 | | 53510 | 148.19 | |
| 17 | 60.00 | 805 | LAUREL TEXT | .7 | .7 | 114.29 | 7026 | 9240 | | 9240 | 131.51 | |
| 17 | 78.00 | 874* | TYPE 904-B | 23.3 | 21.0 | 103.00 | 56982 | 32769 | | 32769 | 57.51 | |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV | 133.9 | 108.9 | 92.98 | 464408 | 281961 | 21627 | 260334 | 56.06 | |
| 17 | 78.00 | 878* | MASTER BASE TYPE IV | 11.2 | 9.4 | 95.92 | 33511 | 32145 | 3540 | 28605 | 85.36 | |
| 17 | 87.50 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 80.94 | | BLADE SUBTOTAL | 138.7 | 113.7 | 93.69 | 507543 | 344711 | 21627 | 323084 | 63.66 | 59. |
| | 78.00 | | *BLADE SUBTOTAL | 34.5 | 30.4 | 100.70 | 90493 | 64914 | 3540 | 61374 | 67.82 | 68. |
| | 80.48 | | BLADE COATER1.14286 | 173.2 | 144.1 | 95.08 | 598036 | 409625 | 25167 | 384458 | 64.29 | 61. |
| | 45.53 | | GRAND SUBTOTAL | 2436.4 | 2177.6 | 97.75 | 9827508 | 9961391 | 233809 | 9727582 | 98.98 | 96. |
| | 68.29 | | *GRAND SUBTOTAL | 74.7 | 65.8 | 98.21 | 260968 | 244224 | 6340 | 237884 | 91.15 | 89. |
| | 46.38 | | GRAND TOTAL | 2511.1 | 2243.4 | 97.76 | 10088476 | 10205615 | 240149 | 9965466 | 98.78 | 96. |

103.2 48.78 205 510 97 101.66 111a

PM PRODUCTION

MM

PROGRAM: M4PS7210 S C M A L L I E D P A P E R I N C. PAGE 1 NOVEMBER
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1107 | CW PANTEXT NEW SHADE EU | 630 | 700 | 1 | 15720 | 111.11 |
| | | | 630 | 710 | 2 | 44240 | 112.69 |
| | | | 630 | 740 | 9 | 171500 | 117.46 |
| | | | | 732 | 12 | 231460 | 116.12 |
| | 1202 | SPECIAL AM PRIDE | 570 | 570 | 15 | | 100.00 |
| | | | | | 15 | | |
| | 1223 | CUSTOM OFFSET | 640 | 700 | 1 | 1000 | 109.37 |
| | | | 640 | 710 | 5 | 43310 | 110.93 |
| | | | 640 | 730 | 2 | 13960 | 114.06 |
| | | | | 715 | 8 | 58270 | 111.65 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 680 | 700 | 2 | 32420 | 102.94 |
| | | | | 700 | 2 | 32420 | 102.94 |
| | 1800 | PRIDE OPAQUE | 630 | 640 | 2 | 11260 | 101.58 |
| | | | | 640 | 2 | 11260 | 101.58 |
| | 1805 | ALLIED PRIDE | 570 | 620 | 3 | 36590 | 108.77 |
| | | | | 620 | 3 | 36590 | 108.77 |
| | 1828 | ALLIED PRIDE | 640 | | 1 | | |
| | | | 640 | 700 | 5 | 68910 | 109.37 |
| | | | 640 | 740 | 2 | 4980 | 115.62 |
| | | | | 703 | 8 | 73890 | 109.79 |
| | 2000 | BRITE LITE THIN | 680 | 710 | 1 | 3060 | 104.41 |
| | | | 680 | 730 | 7 | 30180 | 107.35 |
| | | | | 728 | 8 | 33240 | 107.08 |
| | 2001 | BRITE LITE THIN | 680 | 730 | 2 | 22070 | 107.35 |
| | | | 680 | 740 | 2 | 18790 | 108.82 |
| | | | | 735 | 4 | 40860 | 108.03 |
| | 2002 | BRITE LITE THIN | 670 | 720 | 2 | 26310 | 107.46 |
| | | | | 720 | 2 | 26310 | 107.46 |
| | 2101 | BRITISH OPAQUE | 640 | 740 | 3 | 38120 | 115.62 |
| | | | | 740 | 3 | 38120 | 115.62 |
| | 2210 | C W IMPERIAL BIBLE | 670 | 700 | 1 | 3960 | 104.47 |
| | | | 670 | 720 | 4 | 46100 | 107.46 |
| | | | | 718 | 5 | 50050 | 107.22 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 680 | 720 | 4 | 46340 | 105.88 |
| | | | | 720 | 4 | 46340 | 105.88 |
| | 2240 | LAWYERS WHITE OFFSET | 630 | 650 | 2 | 28440 | 103.17 |

85-4865 50

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 630 | 690 | 1 | | 109.52 |
| | | | 630 | 700 | 14 | 92530 | 111.11 |
| | | | | 688 | 17 | 121070 | 109.24 |
| | 2503 | SOLITUDE OPAQUE | 630 | 640 | 1 | 10170 | 101.58 |
| | | | | 640 | 1 | 10170 | 101.58 |
| | 2524 | SOLITUDE OPAQUE | 670 | 720 | 2 | 11890 | 107.46 |
| | | | | 720 | 2 | 11890 | 107.46 |
| | 2540 | A P LIGHT WEIGHT | 680 | 700 | 1 | 7500 | 102.94 |
| | | | 680 | 720 | 1 | 4660 | 105.88 |
| | | | | 708 | 2 | 12160 | 104.07 |
| | 2547 | A.P. LIGHTWEIGHT | 680 | 700 | 1 | 19640 | 102.94 |
| | | | 680 | 710 | 1 | 11790 | 104.41 |
| | | | 680 | 740 | 1 | | 108.82 |
| | | | 680 | 750 | 2 | 31400 | 110.29 |
| | | | | 727 | 5 | 61830 | 106.95 |
| | 2549 | A.P. LIGHTWEIGHT | 680 | 740 | 1 | 4400 | 113.84 |
| | | | | 740 | 1 | 4400 | 113.84 |
| | 3835 | WHITE BOOK LITE | 570 | 620 | 2 | 25910 | 108.77 |
| | | | 570 | 630 | 1 | 17010 | 110.52 |
| | | | | 624 | 3 | 42920 | 109.46 |
| | 7102 | K WHITE OFFSET | 420 | 450 | 1 | 9480 | 107.14 |
| | | | | 450 | 1 | 9480 | 107.14 |
| | 7122 | B W K OFFSET - ANTIQUE | 420 | | 1 | | |
| | | | 420 | 450 | 3 | 30130 | 107.14 |
| | | | | 450 | 4 | 30130 | 107.14 |
| | 9600 | TRIAL RUNS | | | 1 | | |
| | | | | | 1 | | |
| | | | | 698 | 113 | 982870 | 110.18 |

SA 054064

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 7
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| C | 1202 | SPECIAL AM PRIDE | 760 | 760 | 15 | | 100.00 |
| | | | | | 15 | | |
| | 1206 | SPEC A.M. PRIDE | 750 | 770 | 2 | 75590 | 102.66 |
| | | | | 770 | 2 | 75590 | 102.66 |
| | 1208 | A.M. PRIDE | 730 | | 1 | | |
| | | | 730 | 730 | 1 | 25040 | 100.00 |
| | | | 730 | 760 | 3 | 53560 | 104.10 |
| | | | | 750 | 5 | 79400 | 102.77 |
| | 1210 | GENERIC OFFSET | 630 | 700 | 3 | 88370 | 111.11 |
| | | | | 700 | 3 | 88370 | 111.11 |
| | 1533 | WHITE SPEC K OFFSET | 730 | 760 | 2 | 42360 | 104.10 |
| | | | | 760 | 2 | 42360 | 104.10 |
| | 2507 | SOLITUDE OPAQUE | 730 | 740 | 3 | 169120 | 101.36 |
| | | | 730 | 780 | 1 | 4880 | 106.84 |
| | | | | 741 | 4 | 174000 | 101.51 |
| | 2535 | MANUAL OFFSET | 750 | 770 | 2 | 47170 | 102.66 |
| | | | | 770 | 2 | 47170 | 102.66 |
| | 7000 | CALENDAR PAD OFFSET | 750 | 770 | 3 | 45560 | 102.66 |
| | | | 750 | 780 | 1 | 5920 | 104.00 |
| | | | | 771 | 4 | 51490 | 102.81 |
| | 7100 | K WHITE OFFSET | 750 | 780 | 5 | 97760 | 104.00 |
| | | | | 780 | 5 | 97760 | 104.00 |
| | 7101 | K WHITE OFFSET | 740 | 780 | 4 | 54290 | 105.40 |
| | | | | 780 | 4 | 54290 | 105.40 |
| | 7102 | K WHITE OFFSET | 730 | 750 | 3 | 78260 | 102.73 |
| | | | 730 | 760 | 1 | 7970 | 104.10 |
| | | | 730 | 780 | 2 | 46180 | 106.84 |
| | | | | 761 | 6 | 132410 | 104.25 |
| | 7103 | K WHITE OFFSET | 710 | 630 | 1 | 10760 | 88.73 |
| | | | | 630 | 1 | 10760 | 88.73 |
| | 7104 | K WHITE OFFSET | 630 | 650 | 3 | 40170 | 103.17 |
| | | | 630 | 660 | 2 | 42500 | 104.76 |
| | | | | 655 | 5 | 82670 | 103.99 |
| | 7105 | K WHITE OFFSET | 540 | | 1 | | |
| | | | 540 | 580 | 2 | 81670 | 107.40 |
| | | | 540 | 600 | 1 | 20390 | 111.11 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 540 | 630 | 7 | 20680 | 116.66 |
| | | | | 592 | 11 | 122740 | 109.58 |
| | 7122 | d w K OFFSET - ANTIQUE | 730 | 760 | 2 | 44320 | 104.10 |
| | | | | 760 | 2 | 44320 | 104.10 |
| | 7123 | dW K OFFSET - ANTIQUE | 710 | 740 | 2 | 40500 | 104.22 |
| | | | | 740 | 2 | 40500 | 104.22 |
| | 7124 | d w K OFFSET ANTIQUE | 630 | 630 | 1 | 17980 | 100.00 |
| | | | 630 | 700 | 1 | 11700 | 111.11 |
| | | | | 668 | 2 | 29680 | 104.33 |
| | 7202 | RAVENS•COD OPAQUE | 730 | 750 | 1 | 43370 | 102.73 |
| | | | 730 | 780 | 2 | 38700 | 106.84 |
| | | | | 764 | 3 | 82070 | 104.67 |
| | 7236 | d W RAVENS•OOD OPA. | 760 | 780 | 17 | 525780 | 102.63 |
| | | | | 780 | 17 | 525780 | 102.63 |
| | 9C01 | DUPONT PAPER (BLUE) | 650 | 700 | 18 | 492940 | 107.69 |
| | | | | 700 | 18 | 492940 | 107.69 |
| | 9600 | TRIAL RUNS | | | 1 | | |
| | | | | 700 | 7 | | |
| | | | | | 8 | | |
| | | | | 735 | 121 | 2274290 | 104.74 |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 5
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1202 | SPECIAL AM PRIDE | 750 | 750 | 15 | | 100.00 |
| | | | | | 15 | | |
| | 1207 | A.M. PRIDE | 710 | 740 | 2 | 29840 | 104.22 |
| | | | | 740 | 2 | 29840 | 104.22 |
| | 1208 | A.M. PRIDE | 680 | 680 | 2 | 41960 | 100.00 |
| | | | 680 | 700 | 3 | 25430 | 102.94 |
| | | | | 688 | 5 | 67390 | 101.11 |
| | 1210 | GENERIC OFFSET | 580 | 630 | 1 | 21930 | 108.62 |
| | | | | 630 | 1 | 21930 | 108.62 |
| | 1559 | WHITE SPEC K OFFSET | 580 | 620 | 4 | 39290 | 106.89 |
| | | | | 620 | 4 | 39290 | 106.89 |
| | 2201 | IMPERIAL BIBLE | 750 | 780 | 2 | 17120 | 104.00 |
| | | | | 780 | 2 | 17120 | 104.00 |
| | 2203 | IMPERIAL BIBLE | 750 | 760 | 1 | 4720 | 101.33 |
| | | | 750 | 780 | 1 | 10600 | 104.00 |
| | | | | 774 | 2 | 15320 | 103.18 |
| | 2210 | C W IMPERIAL BIBLE | 740 | 780 | 10 | 62280 | 105.40 |
| | | | 740 | 800 | 2 | 35800 | 108.10 |
| | | | | 787 | 12 | 98080 | 106.39 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 710 | 770 | 1 | 4480 | 108.45 |
| | | | 710 | 780 | 1 | 4800 | 109.85 |
| | | | | 775 | 2 | 9280 | 109.17 |
| | 2503 | SOLITUDE OPAQUE | 750 | 780 | 5 | 50420 | 104.00 |
| | | | 750 | 800 | 17 | 464660 | 106.66 |
| | | | 750 | 810 | 4 | 85820 | 108.00 |
| | | | 750 | 820 | 1 | 18290 | 109.33 |
| | | | 750 | 830 | 1 | 25240 | 110.66 |
| | | | | 802 | 28 | 644430 | 106.86 |
| | 2504 | SOLITUDE OPAQUE | 750 | 790 | 3 | 55770 | 104.00 |
| | | | | 780 | 3 | 55770 | 104.00 |
| | 2505 | SOLITUDE OPAQUE | 740 | 760 | 2 | 48120 | 102.70 |
| | | | | 760 | 2 | 48120 | 102.70 |
| | 2542 | A P LIGHT WEIGHT | 710 | 780 | 4 | 38850 | 109.85 |
| | | | | 780 | 4 | 38850 | 109.85 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 800 | 4 | 52850 | 106.66 |
| | | | | 800 | 4 | 52850 | 106.66 |

PROGRAM: NAPS7210 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 3002 | SUPERIOR OFFSET | 680 | 680 | 4 | 132650 | 100.00 |
| | | | | 680 | 4 | 132650 | 100.00 |
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 740 | 790 | 7 | 282200 | 106.75 |
| | | | | 790 | 7 | 282200 | 106.75 |
| | 7102 | K WHITE OFFSET | 680 | 695 | 3 | 85830 | 102.20 |
| | | | 680 | 710 | 1 | 6310 | 104.41 |
| | | | 680 | 720 | 2 | 37500 | 105.88 |
| | | | | 703 | 6 | 129640 | 103.37 |
| | 7104 | K WHITE OFFSET | 580 | 620 | 4 | 87080 | 106.89 |
| | | | | 620 | 4 | 87080 | 106.89 |
| | 7105 | K WHITE OFFSET | 490 | 550 | 2 | 34540 | 112.24 |
| | | | 490 | 620 | 1 | | 126.53 |
| | | | | 550 | 3 | 34540 | 112.24 |
| | 9000 | TRIAL RUNS | | | 3 | | |
| | | | | | 3 | | |
| | | | | 750 | 113 | 1654390 | 105.92 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1202 | SPECIAL AM PRIDE | 750 | 750 | 15 | | 100.00 |
| | | | | | 15 | | |
| | 1207 | A.M. PRIDE | 750 | 780 | 2 | 30700 | 104.00 |
| | | | | 780 | 2 | 30700 | 104.00 |
| | 1208 | A.M. PRIDE | 750 | 720 | 1 | 7950 | 96.00 |
| | | | 750 | 740 | 4 | 65850 | 100.00 |
| | | | | 747 | 5 | 73800 | 99.67 |
| | 1210 | GENERIC OFFSET | 620 | 650 | 1 | 22380 | 104.83 |
| | | | | 650 | 1 | 22380 | 104.83 |
| | 1503 | WHITE SPEC K OFFSET | 750 | 750 | 1 | | 100.00 |
| | | | 750 | 780 | 1 | 30200 | 104.00 |
| | | | 750 | 790 | 2 | 30840 | 105.33 |
| | | | | 785 | 4 | 61040 | 104.67 |
| | 1533 | WHITE SPEC K OFFSET | 750 | 750 | 12 | 323840 | 100.00 |
| | | | 750 | 760 | 2 | 45270 | 101.33 |
| | | | | 751 | 14 | 369110 | 100.14 |
| | 1556 | WHITE SPEC K OFFSET | 620 | 620 | 1 | 31550 | 100.00 |
| | | | 620 | 640 | 1 | 13660 | 103.22 |
| | | | 620 | 750 | 1 | 8160 | 120.96 |
| | | | | 645 | 3 | 53370 | 104.03 |
| | 1800 | PRIDE OPAQUE | 750 | | 1 | | |
| | | | 780 | 780 | 4 | 23570 | 104.00 |
| | | | | 780 | 5 | 23570 | 104.00 |
| | 1810 | AM PRIDE OPAQUE | 780 | 780 | 1 | 8130 | 104.00 |
| | | | | 780 | 1 | 8130 | 104.00 |
| | 2407 | SHAKESPEARE THIN | 750 | 780 | 18 | 353800 | 104.00 |
| | | | 780 | 785 | 1 | 2250 | 104.66 |
| | | | | 780 | 19 | 356050 | 104.00 |
| | 2513 | IDM SUPERIOR OFFSET | 750 | 780 | 2 | 13630 | 104.00 |
| | | | | 780 | 2 | 13630 | 104.00 |
| | 2536 | I D M MANUAL | 750 | 750 | 2 | 47880 | 100.00 |
| | | | | 750 | 2 | 47880 | 100.00 |
| | 2545 | A.P. LIGHTWEIGHT | 750 | 780 | 2 | 21420 | 104.00 |
| | | | | 780 | 2 | 21420 | 104.00 |
| | 7105 | K WHITE OFFSET | 750 | 760 | 1 | 20240 | 101.33 |
| | | | 780 | 780 | 2 | 44890 | 104.00 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 774 | 3 | 65130 | 103.17 |
| | 7102 | K WHITE OFFSET | 750 | 720 | 1 | | 96.00 |
| | | | 750 | 730 | 1 | 12450 | 97.33 |
| | | | 750 | 740 | 3 | 71560 | 98.66 |
| | | | 750 | 750 | 14 | 276520 | 100.00 |
| | | | 750 | 760 | 4 | 68190 | 101.33 |
| | | | | 749 | 23 | 428720 | 99.91 |
| | 7104 | K WHITE OFFSET | 620 | 640 | 2 | 40110 | 103.22 |
| | | | 620 | 650 | 10 | 214090 | 104.83 |
| | | | 620 | 660 | 7 | 179450 | 106.45 |
| | | | 620 | 680 | 5 | 44440 | 109.67 |
| | | | 620 | 690 | 3 | 43380 | 111.29 |
| | | | | 659 | 27 | 521470 | 106.21 |
| | 7105 | K WHITE OFFSET | 530 | 570 | 3 | 60140 | 107.54 |
| | | | 530 | 580 | 3 | 60390 | 109.43 |
| | | | | 575 | 6 | 120530 | 108.49 |
| | 7107 | K WHITE OFFSET | 460 | 460 | 1 | 9390 | 100.00 |
| | | | | 460 | 1 | 9390 | 100.00 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | 700 | 3 | 100370 | 104.47 |
| | | | | 700 | 3 | 100370 | 104.47 |
| | 7124 | B W K OFFSET ANTIQUE | 620 | 680 | 1 | 10420 | 109.67 |
| | | | | 680 | 1 | 10420 | 109.67 |
| | 7202 | RAVENSWOOD OPAQUE | 750 | 720 | 2 | 40050 | 96.00 |
| | | | | 720 | 2 | 40050 | 96.00 |
| | 7204 | RAVENSWOOD OPAQUE | 620 | 650 | 2 | 33720 | 104.83 |
| | | | | 650 | 2 | 33720 | 104.83 |
| | 9600 | TRIAL RUNS | | 750 | 1 | | |
| | | | | | 1 | | |
| | | | | 720 | 144 | 2410880 | 103.08 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 203 | LAUREL TEXT - RS | 750 | 770 | 2 | 48070 | 102.66 |
| | | | | 770 | 2 | 48070 | 102.66 |
| | 235 | LAUREL TEXT R.S. | 720 | 750 | 2 | 13870 | 104.16 |
| | | | | 750 | 2 | 13870 | 104.16 |
| | 274 | TYPE 904-0 R.S. | 580 | 550 | 2 | 27790 | 94.82 |
| | | | 580 | 600 | 1 | 21610 | 103.44 |
| | | | | 572 | 3 | 49400 | 98.59 |
| | 276 | TYPE IV E OT BLADE BASE | 500 | 550 | 11 | 244330 | 110.00 |
| | | | 500 | 560 | 6 | 219350 | 112.00 |
| | | | | 555 | 17 | 464180 | 110.98 |
| | 291 | A.P. WALLPAPER BASE | 450 | 500 | 1 | 14690 | 111.11 |
| | | | | 500 | 1 | 14690 | 111.11 |
| | 1000 | G.P. OFFSET | 730 | 760 | 2 | 45300 | 104.10 |
| | | | 730 | 780 | 6 | 202400 | 106.84 |
| | | | | 776 | 8 | 247700 | 106.34 |
| | 1262 | SPECIAL AM PRIDE | 740 | 740 | 15 | | 100.00 |
| | | | | | 15 | | |
| | 1267 | A.M. PRIDE | 730 | 760 | 1 | 16080 | 104.10 |
| | | | | 760 | 1 | 16080 | 104.10 |
| | 1533 | WHITE SPEC K OFFSET | 710 | 720 | 4 | 81700 | 101.40 |
| | | | 710 | 740 | 1 | 20940 | 104.22 |
| | | | | 724 | 5 | 102640 | 101.98 |
| | 1702 | J OPACIFIED OFFSET | 710 | 760 | 2 | 80800 | 107.04 |
| | | | | 760 | 2 | 80800 | 107.04 |
| | 1800 | PRIDE OPAQUE | 740 | 770 | 1 | | 104.05 |
| | | | | | 1 | | |
| | 1805 | ALLIED PRIDE | 750 | 750 | 2 | 17830 | 100.00 |
| | | | 750 | 760 | 2 | 47210 | 101.33 |
| | | | 750 | 770 | 2 | 39250 | 102.66 |
| | | | | 762 | 6 | 104290 | 101.60 |
| | 2241 | LAWYERS OFFSET | 750 | 770 | 1 | 1900 | 102.66 |
| | | | 750 | 790 | 6 | 172740 | 104.00 |
| | | | | 780 | 7 | 174240 | 103.99 |
| | 2507 | SOLITUDE OPAQUE | 710 | 740 | 2 | 62940 | 104.22 |
| | | | | 740 | 2 | 62940 | 104.22 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 3501 | SCHOOL COTE | 730 | 700 | 1 | 7180 | 95.89 |
| | | | 730 | 730 | 2 | 44530 | 100.00 |
| | | | 730 | 740 | 1 | 3510 | 101.36 |
| | | | 730 | 750 | 1 | 11400 | 102.73 |
| | | | | 731 | 5 | 66620 | 100.10 |
| | 3502 | SCHOOL COTE | 710 | 730 | 2 | 22300 | 102.81 |
| | | | | 730 | 2 | 22300 | 102.81 |
| | 7100 | K WHITE OFFSET | 750 | 760 | 2 | 25710 | 101.33 |
| | | | 750 | 780 | 6 | 87780 | 104.00 |
| | | | | 775 | 8 | 113490 | 103.40 |
| | 7101 | K WHITE OFFSET | 730 | 750 | 1 | 16080 | 102.73 |
| | | | 730 | 760 | 2 | 38850 | 104.10 |
| | | | | 757 | 3 | 54930 | 103.70 |
| | 7102 | K WHITE OFFSET | 710 | 740 | 3 | 60710 | 104.22 |
| | | | 710 | 750 | 5 | 93440 | 105.63 |
| | | | 710 | 760 | 5 | 65720 | 107.04 |
| | | | | 750 | 13 | 219870 | 105.66 |
| | 7104 | K WHITE OFFSET | 620 | 620 | 9 | 65560 | 100.00 |
| | | | 620 | 630 | 1 | 47880 | 101.61 |
| | | | 620 | 640 | 2 | 59340 | 103.22 |
| | | | 620 | 650 | 1 | | 104.83 |
| | | | 620 | 660 | 1 | 25920 | 106.45 |
| | | | | 634 | 14 | 198700 | 102.19 |
| | 7106 | K WHITE OFFSET | 400 | 400 | 1 | 19280 | 100.00 |
| | | | | 400 | 1 | 19280 | 100.00 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | | 1 | | |
| | | | 750 | 770 | 2 | 42220 | 102.66 |
| | | | | 770 | 3 | 42220 | 102.66 |
| | 7202 | RAVENSWOOD OPAQUE | 710 | 730 | 3 | 42040 | 102.81 |
| | | | | 730 | 3 | 42040 | 102.81 |
| | 9029 | SATURATED GRAVURE BASE | 450 | 500 | 3 | 20420 | 111.11 |
| | | | | 500 | 3 | 20420 | 111.11 |
| | 9030 | SATURATED VELLUM BASE | 450 | 500 | 7 | 94800 | 111.11 |
| | | | | 500 | 7 | 94800 | 111.11 |
| | 9600 | TRIAL RUNS | | 460 | 1 | | |
| | | | | 550 | 3 | | |
| | | | | | 4 | | |

85407C
SD

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 11
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 685 | 136 | 2273570 | 105.61 |

054073 58

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1300 | 1200 | 2 | 53510 | 92.30 |
| | | | | 1200 | 2 | 53510 | 92.30 |
| | 805 | LAUREL TEXT | 1250 | 1200 | 3 | 9240 | 96.00 |
| | | | | 1200 | 3 | 9240 | 96.00 |
| | 874 | TYPE 904-B | 325 | | 6 | | |
| | | | 325 | 480 | 1 | | 147.69 |
| | | | 325 | 500 | 1 | | 153.84 |
| | | | 325 | 506 | 1 | | 155.69 |
| | | | 325 | 520 | 1 | | 160.00 |
| | | | 325 | 1000 | 2 | 20027 | 307.69 |
| | | | 325 | 1100 | 1 | 12742 | 338.46 |
| | | | | 1039 | 13 | 32769 | 319.65 |
| | 876 | MASTERBASE TYPE IV DT | 345 | | 18 | | |
| | | | 345 | 316 | 1 | 17039 | 91.59 |
| | | | 345 | 325 | 4 | 11553 | 94.20 |
| | | | 345 | 340 | 3 | 25957 | 98.55 |
| | | | 345 | 345 | 4 | 1100 | 100.00 |
| | | | 345 | 350 | 5 | 30007 | 101.44 |
| | | | 345 | 360 | 1 | 16986 | 104.34 |
| | | | 345 | 364 | 3 | 29918 | 105.50 |
| | | | 345 | 365 | 1 | | 105.79 |
| | | | 345 | 370 | 8 | 63409 | 107.24 |
| | | | 345 | 380 | 3 | 40067 | 110.14 |
| | | | 345 | 385 | 1 | 16916 | 111.59 |
| | | | 345 | 386 | 1 | 13712 | 111.88 |
| | | | 345 | 400 | 3 | 15297 | 115.94 |
| | | | | 363 | 56 | 281961 | 105.31 |
| | 878 | MASTER BASE TYPE IV 1/2 LT LW | 375 | | 4 | | |
| | | | 375 | 662 | 1 | | 176.53 |
| | | | 375 | 1183 | 1 | 32145 | 315.46 |
| | | | | 1183 | 6 | 32145 | 315.46 |
| | 9000 | TRIAL RUNS | | | 8 | | |
| | | | | 350 | 1 | | |
| | | | | 370 | 6 | | |
| | | | | 420 | 1 | | |
| | | | | 500 | 3 | | |
| | | | | 520 | 3 | | |
| | | | | | 22 | | |
| | | | | 610 | 102 | 409625 | 137.05 |

8540874 50

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1100 | CW PAMTEXT NEW SHADE EB | 103 | 104 | 12 | 231460 | 100.97 |
| | | | | 104 | 12 | 231460 | 100.97 |
| | 1200 | SPECIAL AM PRIDE | 121 | 121 | 15 | | 100.00 |
| | | | | | 15 | | |
| | 1220 | CULTON OFFSET | 116 | 105 | 2 | 8350 | 90.51 |
| | | | 116 | 98 | 6 | 49320 | 84.48 |
| | | | | 99 | 8 | 59270 | 85.34 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 112 | 114 | 2 | 32420 | 101.79 |
| | | | | 114 | 2 | 32420 | 101.79 |
| | 1800 | PRIDE OPAQUE | 110 | 105 | 2 | 11260 | 95.45 |
| | | | | 105 | 2 | 11260 | 95.45 |
| | 1805 | ALLIED PRIDE | 105 | 105 | 3 | 36590 | 100.00 |
| | | | | 105 | 3 | 36590 | 100.00 |
| | 1820 | ALLIED PRIDE | 110 | 108 | 8 | 73890 | 98.18 |
| | | | | 108 | 8 | 73890 | 98.18 |
| | 2000 | BRITE LITE THIN | 110 | 103 | 8 | 33240 | 93.63 |
| | | | | 103 | 8 | 33240 | 93.63 |
| | 2001 | BRITE LITE THIN | 110 | 96 | 4 | 40860 | 87.27 |
| | | | | 96 | 4 | 40860 | 87.27 |
| | 2002 | BRITE LITE THIN | 110 | 110 | 2 | 26310 | 100.00 |
| | | | | 110 | 2 | 26310 | 100.00 |
| | 2101 | BRITISH OPAQUE | 121 | 112 | 3 | 38120 | 92.56 |
| | | | | 112 | 3 | 38120 | 92.56 |
| | 2210 | C W IMPERIAL BIBLE | 96 | 109 | 3 | 32270 | 113.54 |
| | | | 96 | 108 | 2 | 17790 | 112.50 |
| | | | | 109 | 5 | 50060 | 113.17 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 110 | 3 | 45120 | 107.84 |
| | | | 102 | 74 | 1 | 1220 | 72.54 |
| | | | | 109 | 4 | 45340 | 106.91 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 106 | 17 | 121070 | 98.18 |
| | | | | 108 | 17 | 121070 | 98.18 |
| | 2503 | SOLITUDE OPAQUE | 110 | 105 | 1 | 10170 | 95.45 |
| | | | | 105 | 1 | 10170 | 95.45 |
| | 2524 | SOLITUDE OPAQUE | 105 | 96 | 2 | 11890 | 91.43 |

854075 50

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 96 | 2 | 11890 | 91.41 |
| | 2545 | A P LIGHT WEIGHT | 110 | 94 | 2 | 12160 | 85.45 |
| | | | | 94 | 2 | 12160 | 85.45 |
| | 2547 | A.P. LIGHTWEIGHT | 110 | 128 | 1 | | 116.36 |
| | | | 110 | 96 | 4 | 61830 | 87.27 |
| | | | | 96 | 5 | 61830 | 87.27 |
| | 2549 | A.P. LIGHTWEIGHT | 110 | 117 | 1 | 4400 | 106.36 |
| | | | | 117 | 1 | 4400 | 106.36 |
| | 3835 | WHITE BOOK LITE | 105 | 105 | 3 | 42920 | 100.00 |
| | | | | 105 | 3 | 42920 | 100.00 |
| | 7102 | K WHITE OFFSET | 110 | 113 | 1 | 9480 | 102.72 |
| | | | | 113 | 1 | 9480 | 102.72 |
| | 7122 | B & K OFFSET - ANTIQUE | 106 | 99 | 4 | 30130 | 93.39 |
| | | | | 99 | 4 | 30130 | 93.39 |
| | 9600 | TRIAL RUNS | | 122 | 1 | | |
| | | | | | 1 | | |
| | | | | 105 | 113 | 922670 | 97.09 |

854876

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1202 | SPECIAL AM PRIDE | 145 | 145 | 15 | | 100.00 |
| | | | | | 15 | | |
| | 1205 | SPEC A.M. PRIDE | 142 | 140 | 2 | 75590 | 98.59 |
| | | | | 140 | 2 | 75590 | 98.59 |
| | 1208 | A.M. PRIDE | 148 | 145 | 2 | 28940 | 97.97 |
| | | | 148 | 140 | 3 | 50560 | 94.59 |
| | | | | 142 | 5 | 79400 | 95.82 |
| | 1210 | GENERIC OFFSET | 142 | 140 | 1 | 58310 | 98.59 |
| | | | 142 | 135 | 2 | 30060 | 95.07 |
| | | | | 138 | 3 | 88370 | 97.39 |
| | 1533 | WHITE SPEC K OFFSET | 142 | 135 | 2 | 42360 | 95.07 |
| | | | | 135 | 2 | 42360 | 95.07 |
| | 2507 | SOLITUDE OPAQUE | 140 | 144 | 3 | 169120 | 102.85 |
| | | | 140 | 133 | 1 | 4880 | 95.00 |
| | | | | 144 | 4 | 174000 | 102.63 |
| | 2535 | MANUAL OFFSET | 140 | 140 | 2 | 47170 | 100.00 |
| | | | | 140 | 2 | 47170 | 100.00 |
| | 7000 | CALENDAR PAD OFFSET | 142 | 143 | 3 | 45960 | 100.70 |
| | | | 142 | 133 | 1 | 5520 | 93.66 |
| | | | | 142 | 4 | 51480 | 99.95 |
| | 7100 | K WHITE OFFSET | 142 | 140 | 3 | 71810 | 98.59 |
| | | | 142 | 139 | 1 | 10970 | 97.88 |
| | | | 142 | 131 | 1 | 14980 | 92.25 |
| | | | | 139 | 5 | 97760 | 97.54 |
| | 7101 | K WHITE OFFSET | 142 | 140 | 4 | 54290 | 98.59 |
| | | | | 140 | 4 | 84290 | 98.59 |
| | 7102 | K WHITE OFFSET | 142 | 140 | 4 | 80980 | 98.59 |
| | | | 142 | 136 | 1 | 43460 | 95.77 |
| | | | 142 | 113 | 1 | 7970 | 79.57 |
| | | | | 137 | 6 | 132410 | 96.52 |
| | 7103 | K WHITE OFFSET | 142 | 140 | 1 | 10760 | 104.22 |
| | | | | 148 | 1 | 10760 | 104.22 |
| | 7104 | K WHITE OFFSET | 142 | 142 | 2 | 42580 | 100.00 |
| | | | 142 | 140 | 3 | 40170 | 98.59 |
| | | | | 141 | 5 | 82670 | 99.31 |
| | 7105 | K WHITE OFFSET | 146 | 140 | 8 | 41070 | 95.84 |

854077

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 146 | 131 | 3 | 91670 | 89.72 |
| | | | | 134 | 11 | 122740 | 91.78 |
| | 7122 | B W K OFFSET - ANTIQUE | 142 | 140 | 2 | 44320 | 98.59 |
| | | | | 140 | 2 | 44320 | 98.59 |
| | 7123 | B& K OFFSET - ANTIQUE | 142 | 140 | 2 | 40500 | 98.59 |
| | | | | 140 | 2 | 40500 | 98.59 |
| | 7124 | B W K OFFSET ANTIQUE | 142 | 131 | 1 | 17980 | 92.25 |
| | | | 142 | 125 | 1 | 11700 | 88.02 |
| | | | | 129 | 2 | 29680 | 90.58 |
| | 7202 | RAVENSWOOD OPAQUE | 140 | 140 | 1 | 43370 | 100.00 |
| | | | 140 | 139 | 2 | 38700 | 99.28 |
| | | | | 140 | 3 | 82070 | 99.66 |
| | 7208 | B W RAVENSWOOD OPA. | 148 | 144 | 3 | 86750 | 97.29 |
| | | | 148 | 143 | 14 | 439030 | 96.62 |
| | | | | 143 | 17 | 525780 | 96.73 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 18 | 492940 | 100.00 |
| | | | | 148 | 18 | 492940 | 100.00 |
| | 9600 | TRIAL RUNS | | 148 | 4 | | |
| | | | | 147 | 2 | | |
| | | | | 139 | 2 | | |
| | | | | | 8 | | |
| | | | | 142 | 121 | 2274290 | 98.08 |

854078 59

PROGRAM: N4PS7410 S C N A L L I E D P A P E R I N C. PAGE 5
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1202 | SPECIAL AM PRIDE | 128 | 128 | 15 | | 100.00 |
| | | | | | 15 | | |
| | 1207 | A.M. PRIDE | 138 | 138 | 2 | 29840 | 100.00 |
| | | | | 138 | 2 | 29840 | 100.00 |
| | 1208 | A.M. PRIDE | 136 | 136 | 2 | 41960 | 100.00 |
| | | | 136 | 120 | 1 | 12970 | 88.23 |
| | | | 136 | 111 | 2 | 12460 | 81.61 |
| | | | | 128 | 5 | 67390 | 94.33 |
| | 1210 | GENERIC OFFSET | 136 | 119 | 1 | 21930 | 87.50 |
| | | | | 119 | 1 | 21930 | 87.50 |
| | 1559 | WHITE SPEC K OFFSET | 136 | 138 | 4 | 39290 | 101.47 |
| | | | | 138 | 4 | 39290 | 101.47 |
| | 2201 | IMPERIAL BIBLE | 132 | 117 | 2 | 17120 | 88.63 |
| | | | | 117 | 2 | 17120 | 88.63 |
| | 2203 | IMPERIAL BIBLE | 134 | 125 | 2 | 15320 | 93.28 |
| | | | | 125 | 2 | 15320 | 93.28 |
| | 2210 | C W IMPERIAL BIBLE | 128 | 128 | 10 | 62480 | 100.00 |
| | | | 128 | 116 | 2 | 35800 | 90.62 |
| | | | | 124 | 12 | 98080 | 96.58 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 119 | 2 | 9280 | 90.15 |
| | | | | 119 | 2 | 9280 | 90.15 |
| | 2503 | SOLITUDE OPAQUE | 134 | 131 | 23 | 526460 | 97.76 |
| | | | 134 | 126 | 5 | 117970 | 94.02 |
| | | | | 130 | 28 | 644430 | 97.08 |
| | 2504 | SOLITUDE OPAQUE | 134 | 132 | 3 | 55770 | 98.50 |
| | | | | 132 | 3 | 55770 | 98.50 |
| | 2505 | SOLITUDE OPAQUE | 136 | 123 | 2 | 48120 | 90.44 |
| | | | | 123 | 2 | 48120 | 90.44 |
| | 2542 | A P LIGHT WEIGHT | 133 | 117 | 4 | 38850 | 87.96 |
| | | | | 117 | 4 | 38850 | 87.96 |
| | 2543 | A.P. LIGHTWEIGHT | 138 | 130 | 4 | 52850 | 94.20 |
| | | | | 130 | 4 | 52850 | 94.20 |
| | 3002 | SUPERIOR OFFSET | 134 | 124 | 4 | 132650 | 92.53 |
| | | | | 124 | 4 | 132650 | 92.53 |

8524879

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 6
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 136 | 119 | 7 | 282200 | 87.50 |
| | | | | 119 | 7 | 282200 | 87.50 |
| | 7102 | K WHITE OFFSET | 136 | 136 | 2 | 14970 | 100.00 |
| | | | 136 | 132 | 1 | 28840 | 97.05 |
| | | | 136 | 123 | 3 | 85830 | 90.44 |
| | | | | 127 | 6 | 129640 | 93.01 |
| | 7104 | K WHITE OFFSET | 136 | 138 | 2 | 13780 | 101.47 |
| | | | 136 | 125 | 2 | 73300 | 91.91 |
| | | | | 127 | 4 | 87080 | 93.42 |
| | 7105 | K WHITE OFFSET | 136 | 131 | 3 | 84540 | 96.32 |
| | | | | 131 | 3 | 84540 | 96.32 |
| | 9600 | TRIAL RUNS | | 134 | 1 | | |
| | | | | 133 | 2 | | |
| | | | | | 3 | | |
| | | | | 127 | 113 | 1854380 | 94.16 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 12.2 | SPECIAL AM PRIDE | 115 | 116 | 15 | | 100.00 |
| | | | | | 15 | | |
| | 1207 | A.M. PRIDE | 122 | 105 | 2 | 30700 | 86.06 |
| | | | | 105 | 2 | 30700 | 86.06 |
| | 1208 | A.M. PRIDE | 106 | 105 | 3 | 30130 | 99.05 |
| | | | 106 | 102 | 2 | 43620 | 96.22 |
| | | | | 103 | 5 | 73800 | 97.28 |
| | 1210 | GENERIC OFFSET | 105 | 105 | 1 | 22380 | 100.00 |
| | | | | 105 | 1 | 22380 | 100.00 |
| | 1503 | WHITE SPEC K OFFSET | 105 | 120 | 2 | 30200 | 114.28 |
| | | | 105 | 92 | 2 | 30840 | 87.61 |
| | | | | 106 | 4 | 61040 | 100.81 |
| | 1533 | WHITE SPEC K OFFSET | 106 | 119 | 3 | 96530 | 112.25 |
| | | | 106 | 114 | 3 | 86720 | 107.54 |
| | | | 106 | 111 | 3 | 84590 | 104.71 |
| | | | 106 | 105 | 2 | 43820 | 99.05 |
| | | | 106 | 104 | 2 | 45270 | 98.11 |
| | | | 106 | 103 | 1 | 12080 | 97.16 |
| | | | | 112 | 14 | 369110 | 105.62 |
| | 1539 | WHITE SPEC K OFFSET | 105 | 105 | 2 | 45210 | 100.00 |
| | | | 105 | 103 | 1 | 8160 | 98.09 |
| | | | | 105 | 3 | 53370 | 99.71 |
| | 1800 | PRIDE OPAQUE | 110 | 105 | 5 | 23570 | 95.45 |
| | | | | 105 | 5 | 23570 | 95.45 |
| | 1810 | GM PRIDE OPAQUE | 110 | 109 | 1 | 8130 | 99.09 |
| | | | | 109 | 1 | 8130 | 99.09 |
| | 2407 | SHAKESPEARE THIN | 110 | 110 | 19 | 356050 | 100.00 |
| | | | | 110 | 19 | 356050 | 100.00 |
| | 2513 | IBM SUPERIOR OFFSET | 110 | 123 | 1 | 3390 | 111.81 |
| | | | 110 | 105 | 1 | 10250 | 95.45 |
| | | | | 109 | 2 | 13630 | 99.91 |
| | 2536 | I B M MANUAL | 110 | 105 | 2 | 47880 | 95.45 |
| | | | | 105 | 2 | 47880 | 95.45 |
| | 2545 | A.P. LIGHTWEIGHT | 110 | 110 | 2 | 21420 | 100.00 |
| | | | | 110 | 2 | 21420 | 100.00 |
| | 7100 | K WHITE OFFSET | 110 | 120 | 1 | 20240 | 109.09 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 105 | 2 | 44990 | 95.45 |
| | | | | 110 | 3 | 65130 | 99.69 |
| | 7102 | K WHITE OFFSET | 110 | 119 | 2 | 23170 | 108.18 |
| | | | 110 | 115 | 3 | 78630 | 104.54 |
| | | | 110 | 112 | 1 | 4110 | 101.81 |
| | | | 110 | 108 | 2 | 40950 | 98.18 |
| | | | 110 | 106 | 1 | 4260 | 96.36 |
| | | | 110 | 105 | 9 | 175850 | 95.45 |
| | | | 110 | 104 | 4 | 78620 | 94.54 |
| | | | 110 | 103 | 1 | 23130 | 93.63 |
| | | | | 109 | 23 | 428720 | 97.87 |
| | 7104 | K WHITE OFFSET | 110 | 116 | 3 | 87000 | 105.45 |
| | | | 110 | 115 | 3 | 70900 | 104.54 |
| | | | 110 | 114 | 3 | 89100 | 103.63 |
| | | | 110 | 110 | 1 | 24130 | 100.00 |
| | | | 110 | 108 | 2 | 53140 | 98.18 |
| | | | 110 | 105 | 11 | 169530 | 95.45 |
| | | | 110 | 102 | 3 | 19870 | 92.72 |
| | | | 110 | 100 | 1 | 7800 | 90.90 |
| | | | | 110 | 27 | 521470 | 100.07 |
| | 7105 | K WHITE OFFSET | 110 | 108 | 1 | 10720 | 98.18 |
| | | | 110 | 106 | 3 | 79750 | 96.36 |
| | | | 110 | 105 | 2 | 30060 | 95.45 |
| | | | | 106 | 6 | 120530 | 96.29 |
| | 7107 | K WHITE OFFSET | 110 | 100 | 1 | 9390 | 90.90 |
| | | | | 100 | 1 | 9390 | 90.90 |
| | 7123 | B W K OFFSET - ANTIQUE | 110 | 116 | 1 | 23370 | 105.45 |
| | | | 110 | 115 | 2 | 77000 | 104.54 |
| | | | | 115 | 3 | 100370 | 104.75 |
| | 7124 | B W K OFFSET ANTIQUE | 110 | 100 | 1 | 10420 | 90.90 |
| | | | | 100 | 1 | 10420 | 90.90 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 106 | 2 | 40050 | 96.36 |
| | | | | 106 | 2 | 40050 | 96.36 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 107 | 2 | 33720 | 97.27 |
| | | | | 107 | 2 | 33720 | 97.27 |
| | 9600 | TRIAL RUNS | | 106 | 1 | | |
| | | | | | 1 | | |
| | | | | 109 | 144 | 2410880 | 99.94 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 3 | 203 | LAUREL TEXT - RS | 104 | 112 | 2 | 48070 | 107.69 |
| | | | | 112 | 2 | 48070 | 107.69 |
| | 205 | LAUREL TEXT R.S. | 104 | 108 | 2 | 13870 | 103.84 |
| | | | | 108 | 2 | 13870 | 103.84 |
| | 274 | TYPE 904-B R.S. | 110 | 118 | 2 | 27790 | 107.27 |
| | | | 110 | 112 | 1 | 21610 | 101.81 |
| | | | | 115 | 3 | 49400 | 104.64 |
| | 276 | TYPE IV & DT BLADE BASE | 124 | 118 | 17 | 464180 | 95.15 |
| | | | | 118 | 17 | 464180 | 95.15 |
| | 291 | A.P. WALLPAPER BASE | 123 | 123 | 1 | 14690 | 100.00 |
| | | | | 123 | 1 | 14690 | 100.00 |
| | 1000 | U.P. OFFSET | 114 | 114 | 8 | 247700 | 100.00 |
| | | | | 114 | 8 | 247700 | 100.00 |
| | 1202 | SPECIAL AM PRIDE | 116 | 116 | 15 | | 100.00 |
| | | | | | 15 | | |
| | 1207 | A.M. PRIDE | 106 | 118 | 1 | 16090 | 111.32 |
| | | | | 118 | 1 | 16090 | 111.32 |
| | 1533 | WHITE SPEC K OFFSET | 106 | 116 | 2 | 40880 | 109.43 |
| | | | 106 | 105 | 2 | 40820 | 99.05 |
| | | | 106 | 104 | 1 | 20940 | 98.11 |
| | | | | 109 | 5 | 102640 | 102.99 |
| | 1703 | J SPACIFIED OFFSET | 105 | 119 | 2 | 80800 | 113.33 |
| | | | | 119 | 2 | 80800 | 113.33 |
| | 1800 | PRIDE OPAQUE | 110 | 105 | 1 | | 95.45 |
| | | | | | 1 | | |
| | 1805 | ALLIED PRIDE | 110 | 107 | 6 | 104290 | 97.27 |
| | | | | 107 | 6 | 104290 | 97.27 |
| | 2241 | LAWYERS OFFSET | 110 | 108 | 7 | 174240 | 98.18 |
| | | | | 108 | 7 | 174240 | 98.18 |
| | 2507 | SOLITUDE OPAQUE | 110 | 115 | 2 | 62940 | 104.54 |
| | | | | 115 | 2 | 62940 | 104.54 |
| | 3501 | SCHOOL CUTE | 105 | 117 | 1 | 3510 | 111.42 |
| | | | 105 | 106 | 3 | 58450 | 100.95 |
| | | | 105 | 101 | 1 | 4660 | 96.19 |
| | | | | 106 | 5 | 66620 | 101.17 |

554083
50

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 3562 | SCHOOL COTE | 105 | 105 | 2 | 22300 | 100.00 |
| | | | | 105 | 2 | 22300 | 100.00 |
| | 7100 | K WHITE OFFSET | 110 | 114 | 1 | 13840 | 103.63 |
| | | | 110 | 108 | 2 | 43890 | 98.18 |
| | | | 110 | 105 | 4 | 43490 | 95.45 |
| | | | 110 | 104 | 1 | 12270 | 94.54 |
| | | | | 107 | 8 | 113490 | 97.40 |
| | 7101 | K WHITE OFFSET | 110 | 109 | 3 | 54930 | 99.09 |
| | | | | 109 | 3 | 54930 | 99.09 |
| | 7102 | K WHITE OFFSET | 110 | 112 | 4 | 96330 | 101.81 |
| | | | 110 | 106 | 1 | 20790 | 96.34 |
| | | | 110 | 102 | 2 | 42990 | 92.72 |
| | | | 110 | 101 | 2 | 2670 | 91.81 |
| | | | 110 | 96 | 2 | 40560 | 87.27 |
| | | | 110 | 94 | 2 | 16530 | 85.45 |
| | | | | 105 | 13 | 219870 | 95.48 |
| | 7104 | K WHITE OFFSET | 110 | 121 | 9 | 65560 | 110.00 |
| | | | 110 | 115 | 3 | 73800 | 104.54 |
| | | | 110 | 113 | 2 | 59340 | 102.72 |
| | | | | 116 | 14 | 198700 | 105.80 |
| | 7108 | K WHITE OFFSET | 104 | 112 | 1 | 19280 | 107.69 |
| | | | | 112 | 1 | 19280 | 107.69 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 107 | 3 | 42220 | 97.27 |
| | | | | 107 | 3 | 42220 | 97.27 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 105 | 1 | 21840 | 95.45 |
| | | | 110 | 103 | 2 | 20200 | 93.63 |
| | | | | 104 | 3 | 42040 | 94.58 |
| | 9029 | SATURATED GRAVURE BASE | 123 | 120 | 3 | 20420 | 97.56 |
| | | | | 120 | 3 | 20420 | 97.56 |
| | 9030 | SATURATED VELLUM BASE | 123 | 118 | 2 | 19810 | 95.93 |
| | | | 123 | 116 | 3 | 61290 | 94.30 |
| | | | 123 | 114 | 2 | 13710 | 92.68 |
| | | | | 116 | 7 | 94800 | 94.41 |
| | 9600 | TRIAL RUNS | | 120 | 1 | | |
| | | | | 118 | 3 | | |
| | | | | | 4 | | |
| | | | | 112 | 138 | 2273570 | 99.47 |

85-1884

PROGRAM: NAPS7410 S C M A L L I E D P A P E R I N C. PAGE 12
RUN DATE: 11/27/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 11,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 109 | 2 | 53510 | 106.86 |
| | | | | 109 | 2 | 53510 | 106.86 |
| | 805 | LAUREL TEXT | 102 | 105 | 3 | 9240 | 102.94 |
| | | | | 105 | 3 | 9240 | 102.94 |
| | 874 | TYPE 904-B | 102 | 110 | 4 | 12742 | 107.84 |
| | | | 102 | 104 | 1 | | 101.96 |
| | | | 102 | 98 | 3 | 15984 | 96.07 |
| | | | 102 | 73 | 1 | 4043 | 71.56 |
| | | | 102 | | 4 | | |
| | | | | 100 | 13 | 32769 | 97.62 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 118 | 3 | | 115.68 |
| | | | 102 | 116 | 4 | 34429 | 113.72 |
| | | | 102 | 115 | 25 | 217848 | 112.74 |
| | | | 102 | 110 | 7 | 22439 | 107.84 |
| | | | 102 | 102 | 3 | | 100.00 |
| | | | 102 | 89 | 1 | 7245 | 87.25 |
| | | | 102 | | 13 | | |
| | | | | 114 | 56 | 281961 | 111.81 |
| | 878 | MASTER BASE TYPE IV 1/2 LT LW | 102 | 115 | 2 | 32145 | 112.74 |
| | | | 102 | | 4 | | |
| | | | | 115 | 6 | 32145 | 112.74 |
| | 9600 | TRIAL RUNS | | 120 | 5 | | |
| | | | | 118 | 5 | | |
| | | | | 115 | 7 | | |
| | | | | | 5 | | |
| | | | | | 22 | | |
| | | | | 112 | 102 | 409625 | 109.90 |

OCTOBER. 1984

TONS.

5 ~~4978~~ 4980 + 1349730 = 677 T

6 25740 + 3159110 = 1592 T

7 49950 + 2259830 = 1155 T

8 5540 + 2949790 = 1478 T

9 7860 + 2551215 = 1279 T

17 23492 + 770127 = 397 T

13155364

~~6678~~

HRS

5 16.7 + 575.6 = 592.3

6 16.0 + 585.1 = 601.1

7 17½ + 568.4 = 586.4

8 4.0 + 590.0 = 594.0

9 5.1 + 580.7 = 585.8

17 12.9 + 207.9 = 220.8

OCTOBER 1984

| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 35.00 | 1205 | A. M. PRIDE | 41.3 | 37.5 | 99.05 | 108203 | 123710 | 3610 | 119900 | 110.81 | |
| 5 | 40.00 | 1206 | SPLC A.M. PRIDE | | | | | | | | | |
| 5 | 28.00 | 1229 | CUSTOM OFFSET | | | | | | 2570 | 2570- | | |
| 5 | 22.00 | 1400 | CW BRITISH OPAQUE - | 52.4 | 40.9 | 85.15 | 88580 | 76560 | 1400 | 75160 | 84.84 | |
| 5 | 20.00 | 2000 | OPITE LITE THIN | 128.9 | 120.3 | 101.81 | 215417 | 219100 | 2110 | 216990 | 100.73 | |
| 5 | 24.00 | 2210 | C W IMPERIAL BIBLE | 32.5 | 31.7 | 106.41 | 64514 | 68070 | | 68070 | 105.51 | |
| 5 | 20.00 | 2221 | EXTRA WH IMPERIAL B | 130.9 | 116.7 | 97.26 | 209293 | 179110 | | 179110 | 85.58 | |
| 5 | 21.00 | 2223 | NATO TEXT BIBLE 80 | | | | | | | | | |
| 5 | 30.00 | 2240 | LAWYERS WHITE OFFSE | 106.3 | 96.6 | 97.31 | 267518 | 293730 | | 293730 | 109.80 | |
| 5 | 33.00 | 2406 | SHAKESPEARE THIN | 33.9 | 30.4 | 97.83 | 89569 | 93590 | 1870 | 91720 | 102.40 | |
| 5 | 35.00 | 2407 | SHAKESPEARE THIN | 18.8 | 16.8 | 97.49 | 45302 | 52280 | | 52280 | 115.40 | |
| 5 | 25.00 | 2501 | SOLITUDE OPAQUE | 5.7 | 5.7 | 109.09 | 12289 | 15460 | | 15460 | 125.80 | |
| 5 | 30.00 | 2503 | SOLITUDE OPAQUE | 22.4 | 20.3 | 98.86 | 57825 | 53740 | 1750 | 51990 | 89.91 | |
| 5 | 35.00 | 2504 | SOLITUDE OPAQUE | 11.9 | 10.7 | 98.09 | 30571 | 35180 | 2600 | 32580 | 106.57 | |
| 5 | 21.00 | 2541 | A P LIGHTWEIGHT TY | | | | | | 900 | 900- | | |
| 5 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 23.7 | 22.6 | 104.03 | 62289 | 79670 | | 79670 | 122.03 | |
| 5 | 26.00 | 2549 | A.P. LIGHTWEIGHT | 36.6 | 25.4 | 75.71 | 66969 | 59530 | 2013 | 57517 | 85.89 | |
| | 27.38 | | MACH TOTAL 1.09091 | 647.3 | 575.6 | 97.01 | 1321346 | 1349730 | 19023 | 1330707 | 100.71 | 97.69 |
| 6 | 30.00 | 1100 | BW RAMTEXT NEW SHAD | 173.1 | 160.5 | 101.15 | 682181 | 684470 | 3620 | 680850 | 99.80 | |
| 6 | 40.00 | 1205 | SPLC A.M. PRIDE | 2.3 | 1.3 | 61.66 | 7462 | 8270 | | 8270 | 110.83 | |
| 6 | 45.00 | 1207 | A.M. PRIDE | | | | | | 2620 | 2620- | | |
| 6 | 60.00 | 1210 | GENERIC OFFSET | 34.8 | 33.9 | 106.27 | 256092 | 285110 | 1240 | 283870 | 110.85 | |
| 6 | 35.00 | 1805 | ALLIED PRIDE | | | | | | | | | |
| 6 | 50.00 | 2507 | SOLITUDE OPAQUE | | | | | | 2420 | 2420- | | |
| 6 | 40.00 | 2535 | MANUAL OFFSET | | | | | | 2290 | 2290- | | |
| 6 | 50.00 | 2536 | I B M MANUAL | | | | | | 2500 | 2500- | | |
| 6 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 107.5 | 89.8 | 91.13 | 381680 | 348520 | | 348520 | 91.31 | |
| 6 | 35.00 | 2903 | DICKENS OFFSET | 4.2 | 3.9 | 101.30 | 30030 | 32520 | | 32520 | 108.29 | |
| 6 | 40.00 | 3000 | SUPERIOR OFFSET | 15.4 | 15.3 | 108.38 | 78412 | 89150 | | 89150 | 113.69 | |
| 6 | 45.00 | 3001 | SUPERIOR OFFSET | 7.4 | 6.8 | 100.25 | 41968 | 44000 | | 44000 | 104.84 | |
| 6 | 70.00 | 3005 | SUPERIOR OFFSET | 63.2 | 62.2 | 107.36 | 414428 | 457130 | | 457130 | 110.30 | |
| 6 | 48.00 | 6519* | WHITE DIAZO PAPER | | | | | | | | | |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 61.0 | 59.2 | 105.87 | 350463 | 358880 | | 358880 | 102.40 | |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 14.5 | 13.6 | 102.32 | 87671 | 91060 | | 91060 | 103.87 | |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 17.8 | 16.5 | 101.12 | 116968 | 115290 | 2500 | 112790 | 96.43 | |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 9.2 | 8.9 | 105.53 | 66287 | 74840 | | 74840 | 112.90 | |
| 6 | 50.00 | 7122 | BW K OFFSET - ANTIQ | 9.9 | 9.3 | 102.48 | 66922 | 74320 | | 74320 | 111.05 | |
| 6 | 55.00 | 7123 | BW K OFFSET - ANTIQ | 12.8 | 11.7 | 99.72 | 85338 | 94100 | | 94100 | 110.27 | |
| 6 | 60.00 | 7124 | BW K OFFSET - ANTIQ | 2.8 | 2.0 | 77.92 | 15107 | 17660 | | 17660 | 116.90 | |
| 6 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 5.2 | 4.6 | 96.50 | 32921 | 38250 | 3215 | 35035 | 106.42 | |
| 6 | 29.50 | 9001 | DUPONT PAPLR (BLUE) | 85.7 | 85.6 | 108.96 | 334449 | 345540 | | 345540 | 103.32 | |
| | 43.85 | | MACH SUBTOTAL | 626.8 | 585.1 | 101.83 | 3048379 | 3159110 | 20405 | 3138705 | 102.96 | 104.85 |
| | | | *MACH SUBTOTAL | | | | | | | | | |

| | BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 43.65 | | MACH TOTAL 1.09091 | 626.8 | 585.1 | 101.83 | 3048379 | 3159110 | 20405 | 3138705 | 102.96 | 104.55 |
| | 38.91 | | MILL C SUBTOTAL | 1274.1 | 1160.7 | 99.38 | 4369725 | 4508840 | 39428 | 4469412 | 102.28 | 101.55 |
| | | | *MILL C SUBTOTAL | | | | | | | | | |
| | 38.91 | | MILL C TOTAL | 1274.1 | 1160.7 | 99.38 | 4369725 | 4508840 | 39428 | 4469412 | 102.28 | 101.55 |
| 7 | 38.00 | 203 | LAUREL TEXT - RS | 3.0 | 2.7 | 98.18 | 12209 | 13740 | | 13740 | 112.54 | |
| 7 | 40.00 | 1206 | SPEC A.M. PRIDE | | | | | | | | | |
| 7 | 50.00 | 1208 | A.M. PRIDE | 5.5 | 5.2 | 103.14 | 30950 | 36760 | | 36760 | 118.77 | |
| 7 | 26.00 | 1826 | ALLIED PRIDE | 46.6 | 44.5 | 104.17 | 141258 | 162320 | | 162320 | 114.91 | |
| 7 | 30.00 | 1840 | SPEC ALLIED PRIDE | 43.0 | 35.8 | 90.82 | 131028 | 150960 | | 150960 | 115.21 | |
| 7 | 20.00 | 1842 | ALLIED PRIDE | 32.8 | 31.0 | 103.10 | 67653 | 73640 | 2760 | 70860 | 104.74 | |
| 7 | 21.00 | 2006 | BRITE LITE THIN | | | | | | | | | |
| 7 | 25.00 | 2201 | IMPERIAL BIBLE | 27.0 | 22.7 | 91.72 | 74364 | 79860 | | 79860 | 107.42 | |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL B | 17.9 | 11.3 | 68.87 | 23267 | 17600 | | 17600 | 75.64 | |
| 7 | 20.00 | 2225 | KINGSPORT 80 BIBLE | | | | | | | | | |
| 7 | 30.00 | 2300 | MERRIAM DICTIONARY | 97.5 | 90.9 | 101.71 | 335421 | 339140 | | 339140 | 101.11 | |
| 7 | 30.00 | 2503 | SOLITUDE OPAQUE | 45.0 | 43.3 | 104.97 | 162375 | 181920 | 1140 | 180780 | 111.33 | |
| 7 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 2.7 | 2.3 | 92.93 | 11429 | 14070 | 660 | 13410 | 117.33 | |
| 7 | 35.00 | 2514 | INTERNATIONAL HARVE | 4.0 | 3.7 | 100.91 | 14537 | 17360 | | 17360 | 119.42 | |
| 7 | 32.00 | 2515 | SOLITUDE OPAQUE - T | 3.5 | 2.3 | 71.69 | 8942 | 9990 | | 9990 | 111.72 | |
| 7 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 2.4 | 2.0 | 90.91 | 8100 | 8740 | | 8740 | 107.90 | |
| 7 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 3.3 | 4.9 | 100.86 | 21509 | 24600 | | 24600 | 114.37 | |
| 7 | 25.00 | 2546 | A.P. LIGHTWEIGHT | 15.0 | 14.8 | 107.64 | 47329 | 46260 | | 46260 | 97.74 | |
| 7 | 60.00 | 3024 | SUPERIOR OFFSET - A | | | | | | | | | |
| 7 | 38.00 | 3036 | WORLD BOOK ENCYCLOP | 33.3 | 32.1 | 105.16 | 145155 | 172480 | | 172480 | 118.82 | |
| 7 | 45.00 | 3501 | SCHOOL COTE | 41.5 | 38.4 | 100.94 | 171609 | 182890 | | 182890 | 106.57 | |
| 7 | 39.00 | 3534 | SCHOOL COTE | 142.4 | 123.5 | 94.61 | 420880 | 442980 | 1810 | 441170 | 104.82 | |
| 7 | 30.00 | 3830 | WHITE BOOKLITE | 13.0 | 8.5 | 71.33 | 30855 | 19750 | | 19750 | 64.01 | |
| 7 | 35.00 | 3835 | WHITE BOOK LITE | | | | | | | | | |
| 7 | 40.00 | 7100 | K WHITE OFFSET | 13.6 | 13.2 | 105.88 | 68258 | 67950 | | 67950 | 99.55 | |
| 7 | 45.00 | 7101 | K WHITE OFFSET | 12.2 | 10.1 | 90.31 | 54504 | 50360 | | 50360 | 92.40 | |
| 7 | 50.00 | 7102 | K WHITE OFFSET | 2.3 | 2.0 | 94.86 | 11903 | 14000 | | 14000 | 117.62 | |
| 7 | 40.00 | 7120 | B W K OFFSET - ANTI | .7 | .7 | 109.09 | 3761 | 4200 | | 4200 | 111.67 | |
| 7 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 16.8 | 15.4 | 100.00 | 80151 | 82450 | | 82450 | 102.87 | |
| 7 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 8.0 | 7.6 | 103.64 | 42968 | 45790 | | 45790 | 106.57 | |
| | 34.65 | | MACH TOTAL 1.09091 | 635.0 | 566.9 | 97.74 | 2120415 | 2259830 | 6390 | 2253441 | 106.27 | 103.87 |
| 8 | 38.00 | 1100 | BW RAMTEXT NEW SHAD | 239.5 | 208.4 | 94.93 | 725232 | 764670 | 1380 | 763290 | 105.25 | |
| 8 | 40.00 | 1206 | SPEC A.M. PRIDE | | | | | | | | | |
| 8 | 50.00 | 1208 | A.M. PRIDE | 14.2 | 13.3 | 102.18 | 73908 | 77080 | | 77080 | 104.29 | |
| 8 | 60.00 | 1210 | GENERIC OFFSET | 6.9 | 6.2 | 98.02 | 34762 | 40260 | | 40260 | 115.82 | |
| 8 | 47.00 | 2247 | OFF WH LAWYERS OFFS | 41.6 | 34.5 | 90.47 | 184807 | 174620 | | 174620 | 94.49 | |
| 8 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 39.6 | 36.7 | 101.10 | 180564 | 199010 | | 199010 | 110.22 | |
| 8 | 30.00 | 3830 | WHITE BOOKLITE | 2.9 | 2.2 | 82.76 | 6006 | 6410 | | 6410 | 106.73 | |
| 8 | 35.00 | 3835 | WHITE BOOK LITE | 1.0 | .8 | 87.27 | 3370 | 4080 | | 4080 | 121.07 | |

| | BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-O | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 40.00 | 7100 | K WHITE OFFSET | 3.9 | 3.2 | 89.51 | 13775 | 16320 | | 16320 | 118.48 | |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 154.0 | 143.4 | 101.58 | 810689 | 840050 | 6940 | 833110 | 102.74 | |
| 8 | 55.00 | 7103 | K WHITE OFFSET | 3.3 | 3.2 | 105.79 | 17804 | 19740 | | 19740 | 110.87 | |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 61.5 | 59.1 | 104.83 | 330721 | 367570 | 4240 | 363330 | 109.86 | |
| 8 | 70.00 | 7105 | K WHITE OFFSET | 12.6 | 11.9 | 103.03 | 66316 | 75070 | 2560 | 72510 | 109.34 | |
| 8 | 80.00 | 7107 | K WHITE OFFSET | .9 | .7 | 84.85 | 3885 | 4140 | | 4140 | 106.56 | |
| 8 | 40.00 | 7120 | B W K OFFSET - ANTI | 15.3 | 14.0 | 99.82 | 59202 | 64630 | 2390 | 62240 | 105.13 | |
| 8 | 45.00 | 7121 | U.K. K OFFSET - ANT | | | | | | 720 | 720- | | |
| 8 | 50.00 | 7122 | BW K OFFSET - ANTIQ | 5.9 | 5.4 | 99.85 | 34081 | 37790 | | 37790 | 110.88 | |
| 8 | 55.00 | 7123 | BW K OFFSET - ANTIQ | 1.4 | 1.2 | 93.51 | 7176 | 9700 | | 9700 | 135.17 | |
| 8 | 65.00 | 7130 | BW K OFFSET - ANTIQ | 6.3 | 6.1 | 105.63 | 36936 | 45680 | | 45680 | 123.67 | |
| 8 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 16.0 | 13.0 | 88.64 | 57140 | 48130 | | 48130 | 84.23 | |
| 8 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 16.2 | 15.3 | 103.03 | 86014 | 83240 | | 83240 | 96.77 | |
| 8 | 60.00 | 7204 | RAVENSWOOD OPAQUE | 11.8 | 11.4 | 105.39 | 62720 | 71600 | 1475 | 71600 | 114.16 | |
| | 45.92 | | MACH TOTAL 1.09091 | 654.8 | 590.0 | 98.30 | 2795308 | 2949790 | 18230 | 2931560 | 104.87 | 103.09 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 4.5 | 3.0 | 72.73 | 13708 | 7490 | 2490 | 5000 | 36.48 | |
| 9 | 48.00 | 253 | HWT - NON BLEED R.S | 11.4 | 9.9 | 94.74 | 52799 | 43650 | | 43650 | 82.67 | |
| 9 | 68.50 | 258* | CIS MATTE BASE | 8.2 | 7.5 | 99.78 | 37431 | 46160 | | 46160 | 123.32 | |
| 9 | 64.00 | 271* | TYPE IV BASE STOCK | 9.8 | 9.1 | 101.30 | 38167 | 48580 | 1829 | 46751 | 122.49 | |
| 9 | 69.00 | 273 | TYPE IV E DT BLADE | 7.6 | 7.0 | 100.48 | 39112 | 44370 | | 44370 | 113.44 | |
| 9 | 58.00 | 274* | TYPE 904-B R.S. | 31.7 | 28.4 | 97.73 | 128714 | 130420 | 5257 | 125163 | 97.24 | |
| 9 | 60.00 | 276 | TYPE IV E DT BLADE | 112.2 | 105.0 | 102.09 | 522675 | 595120 | 33947 | 561173 | 107.37 | |
| 9 | 57.00 | 278* | TYPE IV 1/2 LT LW B | 13.3 | 12.0 | 98.43 | 59471 | 41780 | | 41780 | 70.25 | |
| 9 | 68.50 | 291* | A.P. WALLPAPER BASE | 4.1 | 3.8 | 101.11 | 18789 | 22790 | | 22790 | 121.29 | |
| 9 | 68.50 | 292 | AP WALLPAPER BASE | 7.7 | 7.4 | 104.84 | 35994 | 44090 | | 44090 | 122.49 | |
| 9 | 40.00 | 1206 | SPEC A.M. PRIDE | 16.2 | 14.8 | 99.66 | 60567 | 62875 | 930 | 61945 | 90.34 | |
| 9 | 45.00 | 1207 | A.M. PRIDE | 9.7 | 8.5 | 106.58 | 46325 | 51760 | | 51760 | 111.73 | |
| 9 | 50.00 | 1209 | A.M. PRIDE | 14.4 | 13.7 | 103.79 | 73295 | 79460 | | 79460 | 108.41 | |
| 9 | 35.00 | 1903 | ALLIED PRIDE | 38.2 | 33.6 | 95.95 | 130977 | 120540 | | 120540 | 92.03 | |
| 9 | 40.00 | 1810 | BW PRIDE OPAQUE | 5.5 | 4.8 | 95.21 | 21451 | 23370 | 530 | 22840 | 106.48 | |
| 9 | 30.00 | 2240 | LAWYERS WHITE OFFSE | 26.9 | 24.4 | 98.95 | 84895 | 87920 | 1050 | 86870 | 102.33 | |
| 9 | 40.00 | 2505 | SOLITUDE OPAQUE | 30.9 | 22.5 | 79.44 | 97968 | 86350 | 2620 | 83730 | 85.47 | |
| 9 | 40.00 | 2535 | MANUAL OFFSET | 21.7 | 20.4 | 102.56 | 87822 | 89930 | | 89930 | 102.40 | |
| 9 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 132.9 | 120.1 | 98.58 | 355496 | 272110 | | 272110 | 76.54 | |
| 9 | 50.00 | 2902 | DICKENS OFFSET | 7.7 | 6.2 | 87.84 | 35650 | 40900 | | 40900 | 114.73 | |
| 9 | 45.00 | 3001 | SUPERIOR OFFSET | 7.9 | 7.7 | 106.33 | 37028 | 42200 | | 42200 | 113.97 | |
| 9 | 40.00 | 7100 | K WHITE OFFSET | 36.7 | 31.8 | 94.53 | 141490 | 147340 | 1010 | 146330 | 103.42 | |
| 9 | 45.00 | 7101 | K WHITE OFFSET | 51.0 | 44.9 | 96.04 | 217792 | 237210 | | 237210 | 108.92 | |
| 9 | 50.00 | 7102 | K WHITE OFFSET | 12.6 | 11.5 | 99.57 | 60630 | 66630 | | 66630 | 109.90 | |
| 9 | 45.00 | 7201 | RAVENSWOOD OPAQUE | 7.5 | 5.9 | 85.82 | 30264 | 29120 | 960 | 28160 | 93.05 | |
| 9 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 10.5 | 8.5 | 88.31 | 44625 | 45580 | | 45580 | 102.14 | |
| 9 | 58.50 | 9030* | SATURATED VELLUM BA | 9.1 | 8.3 | 99.50 | 35367 | 43470 | | 43470 | 122.91 | |
| 9 | 40.00 | 9600 | TRIAL RUNS | | | | | | | | | |
| | 46.52 | | MACH SUBTOTAL | 572.7 | 511.6 | 97.45 | 2198563 | 2218015 | 43537 | 2174478 | 98.90 | 96.38 |
| | 61.12 | | *MACH SUBTOTAL | 76.2 | 69.1 | 98.93 | 317939 | 333200 | 7086 | 326114 | 102.57 | 101.47 |

| | BASIS %GHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 48.43 | | MACH TOTAL 1.09091 | 648.9 | 580.7 | 97.63 | 2516502 | 2551215 1276 | 50623 | 2500592 | 99.37 | 97.01 |
| | 42.48 | | MILL D SUBTOTAL | 1862.5 | 1670.5 | 97.85 | 7114286 | 7427635 | 68157 | 7359478 | 103.45 | 101.22 |
| | 61.12 | | *MILL D SUBTOTAL | 76.2 | 69.1 | 98.93 | 317939 | 333200 | 7086 | 326114 | 102.57 | 101.47 |
| | 43.28 | | MILL D TOTAL | 1938.7 | 1739.6 | 97.89 | 7432225 | 7760835 | 75243 | 7685592 | 103.41 | 101.22 |
| | 41.13 | | BOOK MILL SUBTOT | 3136.6 | 2831.2 | 98.47 | 11484011 | 11936475 | 107585 | 11828890 | 103.00 | 101.43 |
| | 61.12 | | *BOOK MILL SUBTOT | 76.2 | 69.1 | 98.93 | 317939 | 333200 | 7086 | 326114 | 102.57 | 101.47 |
| | 41.67 | | BOOK MILL TOTAL | 3212.9 | 2900.3 | 98.48 | 11801950 | 12269675 | 114671 | 12155004 | 102.99 | 101.43 |
| 17 | 50.00 | 803 | LAUREL TEXT | 21.8 | 13.7 | 71.82 | 126329 | 96080 635 | 8386 | 87694 | 69.42 | |
| 17 | 60.00 | ~~805~~ | ~~LAUREL TEXT~~ | | | | | | 4050 | 4050- | | |
| 17 | 70.00 | ~~806~~ | ~~LAUREL TEXT~~ | | | | | | | | | |
| 17 | 55.00 | 853 | H W MASTER - NON BL | 7.8 | 4.8 | 70.33 | 36512 | 40014 | | 40014 | 109.59 | |
| 17 | 80.00 | 859* | CIS MATTE | 8.0 | 4.1 | 58.57 | 32786 | 18295 | | 18295 | 55.80 | |
| 17 | 90.00 | 871* | MASTERBASE TYPE V L | 13.4 | 12.8 | 109.17 | 44461 | 27223 | 1838 | 25385 | 57.09 | |
| 17 | 92.00 | 873 | MASTERBASE TYPE IV | 9.4 | 7.0 | 85.11 | 30869 | 40778 | | 40778 | 132.01 | |
| 17 | 78.00 | 874* | TYPE 904-B | 39.0 | 29.4 | 86.15 | 82164 | 49385 | 2310 | 47075 | 57.29 | |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV | 160.4 | 136.1 | 96.97 | 561850 | 498352 | 5326 | 493026 | 87.75 | |
| | 80.51 | | BLADE SUBTOTAL | 199.4 | 161.5 | 92.62 | 755580 | 675224 | 17762 | 657462 | 87.01 | 80.59 |
| | 61.83 | | *BLADE SUBTOTAL | 60.4 | 46.3 | 87.61 | 159411 | 94903 | 4148 | 90755 | 56.93 | 49.88 |
| | 80.67 | | BLADE COATER 1.14286 | 259.8 | 207.9 | 91.46 | 914991 | 770127 385 | 21910 | 748217 | 81.77 | 74.79 |
| | 43.24 | | GRAND SUBTOTAL | 3336.0 | 2992.8 | 93.12 | 12239591 | 12611699 | 125347 | 12486352 | 102.02 | 100.10 |
| | 65.71 | | *GRAND SUBTOTAL | 136.6 | 115.4 | 93.92 | 477350 | 428103 | 11234 | 416869 | 87.33 | 82.02 |
| | 43.98 | | GRAND TOTAL | 3472.6 | 3108.2 | 97.95 | 12716941 | 13039802 | 136581 | 12903221 | 101.46 | 99.39 |

6580

054898

J4PSO3A

J3804F

PM PRODUCTION

OCT. 84

*F START JOB 3804 J4PS03A4 0003 0001 KAL KAL ROOM 4.12.17 PM 30 OCT 84 R101.PR1
*F START JOB 3804 J4PS03A4 0003 0001 KAL KAL ROOM 4.12.17 PM 30 OCT 84 R101.PR1
*F START JOB 3804 J4PS03A4 0003 0001 KAL KAL ROOM 4.12.17 PM 30 OCT 84 R101.PR1

*** NEWS ******* ***

NEWS

THE DATA CENTER IS IN THE PROCESS OF CONVERTING ALL JOBS THAT ARE SCHEDULED BY THE DATA CENTER. PART OF THIS CONVERSION EFFORT ENTAILS CHANGING JOB NAMES FROM A J PREFIX TO A P PREFIX. IF YOU SEE A JOB THAT STARTS WITH A P AS THE 1ST LETTER IN THE JOB NAME, YOU SHOULD ASSUME THAT THIS IS THE SAME JOB THAT YOU HAVE ALWAYS RECEIVED EXCEPT THE JOB NAME PREFIX HAS CHANGED FROM J TO P.

58 854091

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/30/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 1205 | A. M. PRIDE | 570 | 630 | 1 | 23580 | 110.52 |
| | | | 570 | 650 | 5 | 83570 | 114.03 |
| | | | 570 | 670 | 2 | 16560 | 117.54 |
| | | | | 649 | 8 | 123710 | 113.83 |
| | 1206 | [illegible] A.M. PRIDE | 540 | 540 | 1 | | 100.00 |
| | | | | | 1 | | |
| | 1400 | C# BRITISH OPAQUE - SERVICE OF | 680 | 700 | 5 | 44020 | 102.94 |
| | | | 680 | 730 | 3 | 32540 | 107.35 |
| | | | | 713 | 8 | 76560 | 104.81 |
| | 2000 | WRITE LITE THIN | 680 | 730 | 21 | 219100 | 107.35 |
| | | | | 730 | 21 | 219100 | 107.35 |
| | 2210 | C A IMPERIAL BIBLE | 670 | 700 | 5 | 68070 | 104.47 |
| | | | | 700 | 5 | 68070 | 104.47 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 680 | 680 | 1 | 500 | 100.00 |
| | | | 680 | 700 | 1 | 9690 | 102.94 |
| | | | 680 | 720 | 16 | 168920 | 105.88 |
| | | | 680 | 730 | 1 | | 107.35 |
| | | | | 719 | 19 | 179110 | 105.70 |
| | 2240 | LAWYERS WHITE OFFSET | 630 | 650 | 4 | 71990 | 103.17 |
| | | | 630 | 670 | 1 | 2710 | 106.34 |
| | | | 630 | 700 | 10 | 219030 | 111.11 |
| | | | | 687 | 15 | 293730 | 109.12 |
| | 2406 | SHAKESPEARE THIN | 570 | 585 | 1 | 25240 | 102.63 |
| | | | 570 | 590 | 3 | 46970 | 103.50 |
| | | | 570 | 600 | 1 | 21380 | 105.26 |
| | | | 570 | 650 | 1 | | 114.03 |
| | | | | 591 | 6 | 93590 | 103.67 |
| | 2407 | SHAKESPEARE THIN | 570 | 650 | 4 | 52280 | 114.03 |
| | | | | 650 | 4 | 52280 | 114.03 |
| | 2501 | SOLITUDE OPAQUE | 660 | 720 | 1 | 15460 | 109.09 |
| | | | | 720 | 1 | 15460 | 109.09 |
| | 2503 | SOLITUDE OPAQUE | 630 | 650 | 2 | 38670 | 103.17 |
| | | | 630 | 670 | 1 | 4070 | 106.34 |
| | | | 630 | 690 | 1 | 11000 | 109.52 |
| | | | | 660 | 4 | 53740 | 104.71 |
| | 2504 | SOLITUDE OPAQUE | 570 | 620 | 1 | 18910 | 108.77 |
| | | | 570 | 670 | 2 | 16270 | 117.54 |
| | | | | 643 | 3 | 35180 | 112.83 |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 10/30/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2545 | A.P. LIGHTWEIGHT | 570 | 670 | 3 | 40500 | 117.54 |
| | | | 570 | 680 | 1 | 11060 | 119.29 |
| | | | 570 | 690 | 1 | 28110 | 121.05 |
| | | | | 678 | 5 | 79670 | 119.02 |
| | 2549 | A.P. LIGHTWEIGHT | 650 | 680 | 3 | 18140 | 104.61 |
| | | | 650 | 710 | 2 | 33070 | 109.23 |
| | | | 650 | 720 | 2 | 8320 | 110.76 |
| | | | | 702 | 7 | 59530 | 108.04 |
| | | | | 687 | 107 | 1349730 | 108.60 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1109 | B/W RAMTEXT NEW SHADE EB | 770 | 750 | 22 | 655180 | 97.40 |
| | | | 770 | 770 | 1 | 29290 | 100.00 |
| | | | | 751 | 23 | 684470 | 97.51 |
| | 1206 | SPEC A.M. PRIDE | 750 | 750 | 1 | | 100.00 |
| | | | 750 | 770 | 1 | 8270 | 102.66 |
| | | | | 770 | 2 | 8270 | 102.66 |
| | 1210 | GENERIC OFFSET | 630 | 650 | 4 | 218400 | 103.17 |
| | | | 630 | 660 | 1 | 66710 | 104.76 |
| | | | | 652 | 5 | 285110 | 103.54 |
| | 2343 | A.P. LIGHTWEIGHT | 770 | 750 | 12 | 314960 | 97.40 |
| | | | 770 | 780 | 2 | 33560 | 101.29 |
| | | | | 753 | 14 | 348520 | 97.77 |
| | 2901 | DICKENS OFFSET | 710 | 730 | 1 | 32520 | 102.81 |
| | | | | 730 | 1 | 32520 | 102.81 |
| | 3006 | SUPERIOR OFFSET | 750 | 770 | 3 | 89150 | 102.66 |
| | | | | 770 | 3 | 89150 | 102.66 |
| | 3051 | SUPERIOR OFFSET | 740 | 770 | 3 | 44000 | 104.05 |
| | | | | 770 | 3 | 44000 | 104.05 |
| | 3065 | SUPERIOR OFFSET | 540 | 560 | 10 | 457130 | 103.70 |
| | | | | 560 | 10 | 457130 | 103.70 |
| | 7100 | K WHITE OFFSET | 750 | 750 | 7 | 224940 | 100.00 |
| | | | 750 | 770 | 4 | 133940 | 102.66 |
| | | | | 757 | 11 | 358880 | 100.99 |
| | 7101 | K WHITE OFFSET | 740 | 750 | 1 | 20640 | 101.35 |
| | | | 740 | 760 | 1 | | 102.70 |
| | | | 740 | 770 | 2 | 70420 | 104.05 |
| | | | | 765 | 4 | 91060 | 103.44 |
| | 7102 | K WHITE OFFSET | 730 | 760 | 4 | 103930 | 104.10 |
| | | | 730 | 770 | 1 | 2280 | 105.47 |
| | | | 730 | 780 | 1 | 9080 | 106.84 |
| | | | | 762 | 6 | 115290 | 104.34 |
| | 7104 | K WHITE OFFSET | 630 | 680 | 2 | 74840 | 107.93 |
| | | | | 680 | 2 | 74840 | 107.93 |
| | 7122 | BR K OFFSET - ANTIQUE | 730 | 730 | 2 | 52970 | 100.00 |
| | | | 730 | 750 | 1 | 21350 | 102.73 |
| | | | | 736 | 3 | 74320 | 100.78 |

SD 0541093

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 4
RUN DATE: 10/30/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7123 | 8W K OFFSET - ANTIQUE | 710 | 730 | 1 | 9720 | 102.81 |
| | | | 710 | 750 | 2 | 84380 | 105.63 |
| | | | | 748 | 3 | 94100 | 105.34 |
| | 7124 | 8W K OFFSET - ANTIQUE | 630 | 660 | 2 | 17660 | 104.76 |
| | | | | 660 | 2 | 17660 | 104.76 |
| | 7202 | LAVENSWOOD OPAQUE | 730 | 760 | 2 | 38250 | 104.10 |
| | | | | 760 | 2 | 38250 | 104.10 |
| | 9001 | DUPONT PAPER (BLUE) | 650 | 680 | 12 | 345540 | 104.61 |
| | | | | 680 | 12 | 345540 | 104.61 |
| | | | | 707 | 106 | 3159110 | 101.55 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 203 | LAUREL TEXT - RS | 740 | 770 | 2 | 13740 | 104.05 |
| | | | | 770 | 2 | 13740 | 104.05 |
| | 1206 | SPEC A.M. PRIDE | 740 | 740 | 1 | | 100.00 |
| | | | | | 1 | | |
| | 1208 | A.M. PRIDE | 680 | 780 | 1 | 36760 | 114.70 |
| | | | | 780 | 1 | 36760 | 114.70 |
| | 1826 | ALLIED PRIDE | 740 | 780 | 6 | 162320 | 105.40 |
| | | | | 780 | 6 | 162320 | 105.40 |
| | 1840 | SPEC ALLIED PRIDE | 750 | 780 | 1 | 20060 | 104.00 |
| | | | 750 | 810 | 2 | 56960 | 108.00 |
| | | | 750 | 850 | 2 | 71740 | 113.33 |
| | | | 750 | 860 | 1 | 2200 | 114.66 |
| | | | | 826 | 6 | 150960 | 110.10 |
| | 1942 | ALLIED PRIDE | 710 | 750 | 5 | 73640 | 105.63 |
| | | | | 750 | 5 | 73640 | 105.63 |
| | 2201 | IMPERIAL BIBLE | 750 | 790 | 4 | 79880 | 105.33 |
| | | | | 790 | 4 | 79880 | 105.33 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 710 | 780 | 2 | 7560 | 109.85 |
| | | | 710 | 800 | 1 | 1660 | 112.67 |
| | | | 710 | 815 | 1 | 8380 | 114.78 |
| | | | | 799 | 4 | 17600 | 112.46 |
| | 2300 | MERRIAM DICTIONARY | 750 | 750 | 9 | 222570 | 100.00 |
| | | | 750 | 755 | 2 | 59650 | 100.66 |
| | | | 750 | 780 | 2 | 56920 | 104.00 |
| | | | | 756 | 13 | 339140 | 100.79 |
| | 2503 | SOLITUDE OPAQUE | 750 | 780 | 6 | 181920 | 104.00 |
| | | | | 780 | 6 | 181920 | 104.00 |
| | 2513 | IDM SUPERIOR OFFSET | 740 | 780 | 1 | 14070 | 105.40 |
| | | | | 780 | 1 | 14070 | 105.40 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 750 | 780 | 2 | 17360 | 104.00 |
| | | | | 780 | 2 | 17360 | 104.00 |
| | 2515 | SOLITUDE OPAQUE - TYNDALE | 750 | 780 | 2 | 9990 | 104.00 |
| | | | | 780 | 2 | 9990 | 104.00 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 850 | 2 | 8740 | 113.33 |
| | | | | 850 | 2 | 8740 | 113.33 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURPENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2545 | A.P. LIGHTWEIGHT | 750 | 750 | 1 | 24600 | 100.00 |
| | | | | 750 | 1 | 24600 | 100.00 |
| | 2546 | A.P. LIGHTWEIGHT | 740 | 750 | 3 | 46260 | 101.35 |
| | | | | 750 | 3 | 46260 | 101.35 |
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 740 | 760 | 2 | 7740 | 102.70 |
| | | | 740 | 790 | 4 | 164740 | 106.75 |
| | | | | 789 | 6 | 172480 | 106.57 |
| | 3501 | SCHOOL CUTE | 600 | 600 | 8 | 182890 | 100.00 |
| | | | | 600 | 8 | 182890 | 100.00 |
| | 3534 | SCHOOL CUTE | 630 | 665 | 9 | 214460 | 105.55 |
| | | | 630 | 680 | 2 | 54130 | 107.93 |
| | | | 630 | 690 | 1 | 5380 | 109.52 |
| | | | 630 | 710 | 7 | 169010 | 112.69 |
| | | | | 684 | 19 | 442980 | 108.61 |
| | 3830 | WHITE BOOKLITE | 750 | 800 | 2 | 19750 | 106.66 |
| | | | | 800 | 2 | 19750 | 106.66 |
| | 7100 | K WHITE OFFSET | 740 | 760 | 1 | 33800 | 102.70 |
| | | | 740 | 770 | 1 | 34150 | 104.05 |
| | | | | 765 | 2 | 67950 | 103.38 |
| | 7101 | K WHITE OFFSET | 710 | 640 | 2 | 22140 | 90.14 |
| | | | 710 | 680 | 1 | 21210 | 95.77 |
| | | | 710 | 720 | 1 | 7010 | 101.40 |
| | | | | 668 | 4 | 50360 | 94.08 |
| | 7102 | K WHITE OFFSET | 680 | 750 | 1 | 2360 | 110.29 |
| | | | 680 | 760 | 1 | 11640 | 111.76 |
| | | | | 758 | 2 | 14000 | 111.51 |
| | 7120 | B W K OFFSET - ANTIQUE | 740 | 760 | 1 | 4200 | 102.70 |
| | | | | 760 | 1 | 4200 | 102.70 |
| | 7200 | RAVENSWOOD OPAQUE | 740 | | 1 | | |
| | | | 740 | 740 | 4 | 82450 | 100.00 |
| | | | 740 | 750 | 1 | | 101.35 |
| | | | | 740 | 6 | 82450 | 100.00 |
| | 7202 | RAVENSWOOD OPAQUE | 680 | 700 | 3 | 45790 | 102.94 |
| | | | | 700 | 3 | 45790 | 102.94 |
| | | | | 740 | 112 | 2259830 | 104.75 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1994

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1100 | LT RAMTEXT NEW SHADE FB | 750 | 780 | 31 | 764670 | 104.00 |
| | | | | 780 | 31 | 764670 | 104.00 |
| | 1200 | SPEC A.M. PRIDE | 750 | 750 | 1 | | 100.00 |
| | | | | | 1 | | |
| | 1207 | A.M. PRIDE | 750 | 720 | 3 | 77080 | 96.00 |
| | | | | 720 | 3 | 77080 | 96.00 |
| | 1210 | GENERIC OFFSET | 620 | 660 | 1 | 40260 | 106.45 |
| | | | | 660 | 1 | 40260 | 106.45 |
| | 2247 | OFF WH LAWYERS OFFSET | 750 | 770 | 6 | 174620 | 102.66 |
| | | | | 770 | 6 | 174620 | 102.66 |
| | 2515 | LT SUPERIOR OFFSET | 750 | 720 | 1 | | 96.00 |
| | | | 750 | 770 | 5 | 199010 | 102.66 |
| | | | | 770 | 6 | 199010 | 102.66 |
| | 3030 | WHITE BOOKLITE | 750 | 780 | 2 | 6410 | 104.00 |
| | | | | 780 | 2 | 6410 | 104.00 |
| | 3035 | WHITE BOOK LITE | 750 | 780 | 1 | 4080 | 104.00 |
| | | | | 780 | 1 | 4080 | 104.00 |
| | 7100 | K WHITE OFFSET | 750 | 770 | 1 | 3510 | 102.66 |
| | | | 750 | 780 | 1 | 12810 | 104.00 |
| | | | | 778 | 2 | 16320 | 103.71 |
| | 7102 | K WHITE OFFSET | 750 | 700 | 1 | 5940 | 93.33 |
| | | | 750 | 710 | 1 | 20080 | 94.66 |
| | | | 750 | 720 | 2 | 21210 | 96.00 |
| | | | 750 | 730 | 3 | 65280 | 97.33 |
| | | | 750 | 740 | 1 | 18570 | 98.66 |
| | | | 750 | 750 | 22 | 448150 | 100.00 |
| | | | 750 | 770 | 9 | 246220 | 102.66 |
| | | | 750 | 780 | 1 | 14600 | 104.00 |
| | | | | 753 | 40 | 840050 | 100.34 |
| | 7103 | K WHITE OFFSET | 670 | 750 | 2 | 19740 | 111.94 |
| | | | | 750 | 2 | 19740 | 111.94 |
| | 7104 | K WHITE OFFSET | 620 | 650 | 9 | 135640 | 104.83 |
| | | | 620 | 660 | 2 | 81330 | 106.45 |
| | | | 620 | 670 | 9 | 150600 | 108.06 |
| | | | | 660 | 20 | 367570 | 106.51 |
| | 7105 | K WHITE OFFSET | 530 | 550 | 3 | 26610 | 103.77 |
| | | | 530 | 570 | 3 | 48460 | 107.54 |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 8
RUN DATE: 10/30/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 563 | 6 | 75070 | 106.20 |
| | 7107 | K WHITE OFFSET | 460 | 480 | 1 | 4140 | 104.34 |
| | | | | 480 | 1 | 4140 | 104.34 |
| | 7120 | B W K OFFSET - ANTIQUE | 750 | 770 | 1 | 4680 | 102.66 |
| | | | 750 | 780 | 7 | 59950 | 104.00 |
| | | | | 779 | 8 | 64630 | 103.90 |
| | 7122 | BW K OFFSET - ANTIQUE | 750 | 750 | 1 | 3470 | 100.00 |
| | | | 750 | 770 | 3 | 34320 | 102.66 |
| | | | | 768 | 4 | 37790 | 102.42 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | 750 | 1 | 9700 | 111.94 |
| | | | | 750 | 1 | 9700 | 111.94 |
| | 7130 | BW K OFFSET - ANTIQUE | 570 | 630 | 2 | 45680 | 110.52 |
| | | | | 630 | 2 | 45680 | 110.52 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | 780 | 3 | 48130 | 104.00 |
| | | | | 780 | 3 | 49130 | 104.00 |
| | 7202 | RAVENSWOOD OPAQUE | 750 | 750 | 2 | 40590 | 100.00 |
| | | | 750 | 780 | 4 | 42650 | 104.00 |
| | | | | 765 | 6 | 83240 | 102.05 |
| | 7204 | RAVENSWOOD OPAQUE | 620 | 660 | 2 | 16290 | 106.45 |
| | | | 620 | 680 | 3 | 55310 | 109.67 |
| | | | | 675 | 5 | 71600 | 108.94 |
| | | | | 741 | 151 | 2949790 | 103.20 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 750 | 760 | 2 | 7490 | 101.33 |
| | | | | 760 | 2 | 7490 | 101.33 |
| | 253 | HWT - NON BLEED R.S. | 720 | 720 | 4 | 43650 | 100.00 |
| | | | | 720 | 4 | 43650 | 100.00 |
| | 259 | CIS MATTE BASE | 450 | 580 | 3 | 46160 | 128.88 |
| | | | | 580 | 3 | 46160 | 128.88 |
| | 271 | TYPE IV BASE STOCK DRY TON | 450 | 500 | 3 | 48580 | 111.11 |
| | | | | 500 | 3 | 48580 | 111.11 |
| | 273 | TYPE IV E OT BLADE BASE | 500 | 520 | 3 | 44370 | 104.00 |
| | | | | 520 | 3 | 44370 | 104.00 |
| | 274 | TYPE 904-B R.S. | 580 | 600 | 11 | 130420 | 103.44 |
| | | | | 600 | 11 | 130420 | 103.44 |
| | 276 | TYPE IV E OT BLADE BASE | 500 | 550 | 15 | 481030 | 110.00 |
| | | | 500 | 560 | 5 | 114090 | 112.00 |
| | | | | 552 | 20 | 595120 | 110.38 |
| | 278 | TYPE IV 1/2 LT LW BLADE BASE | 540 | 570 | 1 | 8910 | 105.55 |
| | | | 540 | 580 | 2 | 32870 | 107.40 |
| | | | | 578 | 3 | 41780 | 107.01 |
| | 291 | A.P. WALLPAPER BASE | 450 | | 1 | | |
| | | | 450 | 480 | 1 | 22790 | 106.66 |
| | | | | 480 | 2 | 22790 | 106.66 |
| | 292 | AP WALLPAPER BASE | 450 | 480 | 2 | 44090 | 106.66 |
| | | | | 480 | 2 | 44090 | 106.66 |
| | 1206 | SPEC A.M. PRIDE | 750 | 740 | 1 | 4550 | 98.66 |
| | | | 750 | 750 | 1 | | 100.00 |
| | | | 750 | 760 | 3 | 58325 | 101.33 |
| | | | | 759 | 5 | 62875 | 101.14 |
| | 1267 | A.M. PRIDE | 730 | 750 | 2 | 51760 | 102.73 |
| | | | | 750 | 2 | 51760 | 102.73 |
| | 1268 | A.M. PRIDE | 710 | 730 | 1 | 33240 | 102.81 |
| | | | 710 | 760 | 1 | 46220 | 107.04 |
| | | | | 747 | 2 | 79460 | 105.27 |
| | 1803 | ALLIED PRIDE | 740 | 760 | 6 | 120540 | 102.70 |
| | | | | 760 | 6 | 120540 | 102.70 |
| | 1810 | BW PRIDE OPAQUE | 750 | 780 | 1 | 23370 | 104.00 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 780 | 1 | 23370 | 104.00 |
| | 2240 | LAWYERS WHITE OFFSET | 740 | 760 | 5 | 87920 | 102.70 |
| | | | | 760 | 5 | 87920 | 102.70 |
| | 2505 | SOLITUDE OPAQUE | 750 | 740 | 1 | 1900 | 98.66 |
| | | | 750 | 750 | 4 | 76320 | 100.00 |
| | | | 750 | 760 | 1 | 8130 | 101.33 |
| | | | | 751 | 6 | 86350 | 100.10 |
| | 2535 | MANUAL OFFSET | 750 | 750 | 4 | 81770 | 100.00 |
| | | | 750 | 760 | 1 | 8160 | 101.33 |
| | | | | 751 | 5 | 89930 | 100.12 |
| | 2543 | A.P. LIGHTWEIGHT | 740 | 750 | 3 | 34020 | 101.35 |
| | | | 740 | 760 | 24 | 238090 | 102.70 |
| | | | | 759 | 27 | 272110 | 102.53 |
| | 2902 | DICKENS OFFSET | 710 | 700 | 2 | 40900 | 98.59 |
| | | | | 700 | 2 | 40900 | 98.59 |
| | 3001 | SUPERIOR OFFSET | 730 | 730 | 2 | 42200 | 100.00 |
| | | | | 730 | 2 | 42200 | 100.00 |
| | 7100 | K WHITE OFFSET | 750 | 750 | 4 | 87390 | 100.00 |
| | | | 750 | 760 | 4 | 59950 | 101.33 |
| | | | | 754 | 8 | 147340 | 100.54 |
| | 7101 | K WHITE OFFSET | 730 | 750 | 8 | 234960 | 102.73 |
| | | | 730 | 780 | 1 | 2250 | 106.84 |
| | | | | 750 | 9 | 237210 | 102.77 |
| | 7102 | K WHITE OFFSET | 710 | 730 | 2 | 35280 | 102.81 |
| | | | 710 | 760 | 3 | 31350 | 107.04 |
| | | | | 744 | 5 | 66630 | 104.80 |
| | 7201 | RAVENSWOOD OPAQUE | 730 | 750 | 2 | 29120 | 102.73 |
| | | | | 750 | 2 | 29120 | 102.73 |
| | 7202 | RAVENSWOOD OPAQUE | 710 | 750 | 2 | 45580 | 105.63 |
| | | | | 750 | 2 | 45580 | 105.63 |
| | 9030 | SATURATED VELLUM BASE | 450 | 480 | 2 | 43470 | 106.66 |
| | | | | 490 | 2 | 43470 | 106.66 |
| | 9600 | TRIAL RUNS | | | 2 | | |
| | | | | 700 | 1 | | |
| | | | | | 3 | | |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 11
RUN DATE: 10/30/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 670 | 147 | 2551215 | 105.11 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1300 | 1300 | 5 | 96080 | 100.00 |
| | | | | 1300 | 5 | 96080 | 100.00 |
| | 806 | LAUREL TEXT | 1200 | 1200 | 4 | | 100.00 |
| | | | | | 4 | | |
| | 851 | [illegible] MASTER - NON BLEED II | 1000 | 1200 | 4 | 40014 | 120.00 |
| | | | | 1200 | 4 | 40014 | 120.00 |
| | 856 | CIS MATTE | 700 | 644 | 1 | 18295 | 92.00 |
| | | | 700 | 750 | 1 | | 107.14 |
| | | | | 644 | 2 | 18295 | 92.00 |
| | 871 | MASTERBASE TYPE V LTHW-S | 350 | 400 | 1 | 23610 | 114.28 |
| | | | 350 | 600 | 1 | 3613 | 171.42 |
| | | | 350 | 635 | 1 | | 181.42 |
| | | | | 427 | 3 | 27223 | 121.86 |
| | 873 | MASTERBASE TYPE IV OTHW | 345 | 450 | 1 | 12920 | 130.43 |
| | | | 345 | 457 | 1 | 27858 | 132.46 |
| | | | | 455 | 2 | 40778 | 131.82 |
| | 874 | TYPE 904-L | 325 | | 2 | | |
| | | | 325 | 400 | 1 | | 123.07 |
| | | | 325 | 450 | 2 | | 138.46 |
| | | | 325 | 465 | 1 | | 143.07 |
| | | | 325 | 600 | 2 | 23570 | 184.61 |
| | | | 325 | 1000 | 2 | 25815 | 307.69 |
| | | | | 809 | 10 | 49385 | 248.95 |
| | 876 | MASTERBASE TYPE IV DT | 345 | | 10 | | |
| | | | 345 | 300 | 2 | 30095 | 86.95 |
| | | | 345 | 320 | 1 | 9174 | 92.75 |
| | | | 345 | 346 | 1 | 20837 | 100.28 |
| | | | 345 | 350 | 4 | 47822 | 101.44 |
| | | | 345 | 351 | 1 | 21964 | 101.73 |
| | | | 345 | 360 | 2 | 18026 | 104.34 |
| | | | 345 | 365 | 1 | 15632 | 105.79 |
| | | | 345 | 371 | 1 | 33086 | 107.53 |
| | | | 345 | 396 | 1 | 37984 | 114.78 |
| | | | 345 | 397 | 1 | 41735 | 115.07 |
| | | | 345 | 400 | 7 | 143572 | 115.94 |
| | | | 345 | 405 | 1 | | 117.39 |
| | | | 345 | 420 | 1 | 12995 | 121.73 |
| | | | 345 | 428 | 2 | 39425 | 123.18 |
| | | | 345 | 433 | 1 | 26005 | 125.50 |
| | | | 345 | 450 | 1 | | 130.43 |
| | | | | 382 | 38 | 498352 | 110.85 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 578 | 68 | 770127 | 119.80 |

CD 8541184

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1205 | A. M. PRIDE | 112 | 107 | 6 | 107150 | 95.53 |
| | | | 112 | 106 | 2 | 16560 | 94.64 |
| | | | | 107 | 8 | 123710 | 95.41 |
| | 1206 | SPEC A.M. PRIDE | 122 | 122 | 1 | | 100.00 |
| | | | | | 1 | | |
| | 1430 | C.W. BRITISH OPAQUE - SERVICE OF | 112 | 114 | 8 | 76560 | 101.78 |
| | | | | 114 | 8 | 76560 | 101.78 |
| | 2000 | BRITE LITE THIN | 110 | 115 | 3 | 45130 | 104.54 |
| | | | 110 | 114 | 1 | 720 | 103.63 |
| | | | 110 | 109 | 2 | 25020 | 99.09 |
| | | | 110 | 108 | 8 | 88780 | 98.18 |
| | | | 110 | 96 | 2 | 5970 | 87.27 |
| | | | 110 | 92 | 5 | 53480 | 83.63 |
| | | | | 105 | 21 | 219100 | 95.76 |
| | 2210 | C W IMPERIAL BIBLE | 96 | 96 | 5 | 68070 | 100.00 |
| | | | | 96 | 5 | 68070 | 100.00 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 102 | 110 | 17 | 156090 | 107.84 |
| | | | 102 | 74 | 2 | 23020 | 72.54 |
| | | | | 105 | 19 | 179110 | 103.30 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 110 | 14 | 281370 | 100.00 |
| | | | 110 | 108 | 1 | 12360 | 98.18 |
| | | | | 110 | 15 | 293730 | 99.92 |
| | 2406 | SHAKESPEARE THIN | 110 | 116 | 6 | 93590 | 105.45 |
| | | | | 116 | 6 | 93590 | 105.45 |
| | 2407 | SHAKESPEARE THIN | 110 | 101 | 2 | 33480 | 91.81 |
| | | | 110 | 98 | 2 | 18800 | 89.09 |
| | | | | 100 | 4 | 52280 | 90.83 |
| | 2501 | SOLITUDE OPAQUE | 105 | 98 | 1 | 15460 | 93.33 |
| | | | | 98 | 1 | 15460 | 93.33 |
| | 2503 | SOLITUDE OPAQUE | 110 | 114 | 3 | 49670 | 103.63 |
| | | | 110 | 99 | 1 | 4070 | 90.00 |
| | | | | 113 | 4 | 53740 | 102.60 |
| | 2504 | SOLITUDE OPAQUE | 110 | 107 | 2 | 16270 | 97.27 |
| | | | 110 | 105 | 1 | 18910 | 95.45 |
| | | | | 106 | 3 | 35180 | 96.29 |
| | 2545 | A.P. LIGHTWEIGHT | 110 | 107 | 5 | 79670 | 97.27 |
| | | | | 107 | 5 | 79670 | 97.27 |

CD 854105

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2549 | A.P. LIGHTWEIGHT | 110 | 117 | 6 | 55210 | 106.36 |
| | | | 110 | 110 | 1 | 4320 | 100.00 |
| | | | | 116 | 7 | 59530 | 105.90 |
| | | | | 108 | 107 | 1349730 | 99.47 |

0541196

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 3
RUN DATE: 10/30/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1153 | BW RAMTEXT NEW SHADE EB | 138 | 138 | 23 | 684470 | 100.00 |
| | | | | 138 | 23 | 684470 | 100.00 |
| | 1206 | SPEC A.M. PRIDE | 142 | 142 | 1 | | 100.00 |
| | | | 142 | 140 | 1 | 8270 | 98.59 |
| | | | | 140 | 2 | 8270 | 98.59 |
| | 1210 | GENERIC OFFSET | 142 | 142 | 5 | 285110 | 100.00 |
| | | | | 142 | 5 | 285110 | 100.00 |
| | 2543 | A.P. LIGHTWEIGHT | 140 | 138 | 14 | 348520 | 98.57 |
| | | | | 138 | 14 | 348520 | 98.57 |
| | 2903 | DICKENS OFFSET | 140 | 140 | 1 | 32520 | 100.00 |
| | | | | 140 | 1 | 32520 | 100.00 |
| | 3000 | SUPERIOR OFFSET | 142 | 125 | 3 | 89150 | 88.02 |
| | | | | 125 | 3 | 89150 | 88.02 |
| | 3001 | SUPERIOR OFFSET | 142 | 135 | 1 | 32600 | 95.07 |
| | | | 142 | 126 | 2 | 11400 | 88.73 |
| | | | | 133 | 3 | 44000 | 93.43 |
| | 3005 | SUPERIOR OFFSET | 142 | 150 | 1 | 4000 | 105.63 |
| | | | 142 | 125 | 9 | 453130 | 88.02 |
| | | | | 125 | 10 | 457130 | 88.17 |
| | 7100 | K WHITE OFFSET | 142 | 146 | 2 | 44660 | 102.81 |
| | | | 142 | 145 | 2 | 48130 | 102.11 |
| | | | 142 | 144 | 7 | 266090 | 101.40 |
| | | | | 144 | 11 | 358880 | 101.67 |
| | 7101 | K WHITE OFFSET | 142 | 140 | 3 | 70420 | 98.59 |
| | | | 142 | 135 | 1 | 20640 | 95.07 |
| | | | | 139 | 4 | 91060 | 97.79 |
| | 7102 | K WHITE OFFSET | 142 | 146 | 1 | 46770 | 102.81 |
| | | | 142 | 140 | 2 | 43800 | 98.59 |
| | | | 142 | 131 | 1 | 13360 | 92.25 |
| | | | 142 | 114 | 2 | 11360 | 80.28 |
| | | | | 139 | 5 | 115290 | 97.76 |
| | 7104 | K WHITE OFFSET | 142 | 140 | 2 | 74840 | 98.59 |
| | | | | 140 | 2 | 74840 | 98.59 |
| | 7122 | BW K OFFSET - ANTIQUE | 142 | 140 | 3 | 74320 | 98.59 |
| | | | | 140 | 3 | 74320 | 98.59 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 138 | 1 | 9720 | 97.18 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 142 | 132 | 2 | 84380 | 92.95 |
| | | | | 133 | 3 | 94100 | 93.39 |
| | 7124 | HW K OFFSET - ANTIQUE | 142 | 142 | 2 | 17660 | 100.00 |
| | | | | 142 | 2 | 17660 | 100.00 |
| | 7202 | RAVENSWOOD OPAQUE | 140 | 140 | 1 | 10130 | 100.00 |
| | | | 140 | 139 | 1 | 28120 | 99.28 |
| | | | | 139 | 2 | 38250 | 99.47 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 12 | 345540 | 100.00 |
| | | | | 148 | 12 | 345540 | 100.00 |
| | | | | 138 | 106 | 3159110 | 97.47 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 203 | LAUREL TEXT - RS | 126 | 119 | 2 | 13740 | 94.44 |
| | | | | 119 | 2 | 13740 | 94.44 |
| | 1206 | SPEC A.M. PRIDE | 138 | 138 | 1 | | 100.00 |
| | | | | | 1 | | |
| | 1208 | A.P. PRIDE | 136 | 124 | 1 | 36760 | 91.17 |
| | | | | 124 | 1 | 36760 | 91.17 |
| | 1220 | ALLIED PRIDE | 134 | 124 | 6 | 162320 | 92.53 |
| | | | | 124 | 6 | 162320 | 92.53 |
| | 1240 | SPEC ALLIED PRIDE | 138 | 122 | 6 | 150960 | 88.40 |
| | | | | 122 | 6 | 150960 | 88.40 |
| | 1242 | ALLIED PRIDE | 132 | 124 | 5 | 73640 | 93.93 |
| | | | | 124 | 5 | 73640 | 93.93 |
| | 2201 | IMPERIAL BIBLE | 132 | 117 | 4 | 79880 | 88.63 |
| | | | | 117 | 4 | 79880 | 88.63 |
| | 2221 | EXTRA WH IMPERIAL BIBLE | 132 | 117 | 4 | 17600 | 88.63 |
| | | | | 117 | 4 | 17600 | 88.63 |
| | 2300 | MERRIAM DICTIONARY | 136 | 123 | 13 | 339140 | 90.44 |
| | | | | 123 | 13 | 339140 | 90.44 |
| | 2502 | SOLITUDE OPAQUE | 134 | 125 | 6 | 181920 | 93.28 |
| | | | | 125 | 6 | 181920 | 93.28 |
| | 2513 | IPM SUPERIOR OFFSET | 134 | 123 | 1 | 14070 | 91.79 |
| | | | | 123 | 1 | 14070 | 91.79 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 136 | 111 | 2 | 17360 | 81.61 |
| | | | | 111 | 2 | 17360 | 81.61 |
| | 2515 | SOLITUDE OPAQUE - TYNDALE | 136 | 120 | 2 | 9990 | 88.23 |
| | | | | 120 | 2 | 9990 | 88.23 |
| | 2541 | A.P. LIGHTWEIGHT | 138 | 135 | 2 | 8740 | 97.82 |
| | | | | 135 | 2 | 8740 | 97.82 |
| | 2545 | A.P. LIGHTWEIGHT | 134 | 124 | 1 | 24600 | 92.53 |
| | | | | 124 | 1 | 24600 | 92.53 |
| | 2546 | A.P. LIGHTWEIGHT | 132 | 130 | 3 | 46260 | 98.48 |
| | | | | 130 | 3 | 46260 | 98.48 |
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 136 | 119 | 6 | 172490 | 87.50 |

SQ 854109

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 119 | 6 | 172480 | 87.50 |
| | 3501 | SCHOOL COTE | 134 | 134 | 2 | 33200 | 100.00 |
| | | | 134 | 127 | 6 | 149690 | 94.77 |
| | | | | 128 | 8 | 182890 | 95.72 |
| | 3534 | SCHOOL COTE | 136 | 120 | 19 | 442980 | 88.23 |
| | | | | 120 | 19 | 442980 | 88.23 |
| | 3830 | WHITE LOOKLITE | 134 | 121 | 2 | 19750 | 90.29 |
| | | | | 121 | 2 | 19750 | 90.29 |
| | 7100 | K WHITE OFFSET | 136 | 128 | 2 | 67950 | 94.11 |
| | | | | 128 | 2 | 67950 | 94.11 |
| | 7101 | K WHITE OFFSET | 136 | 121 | 4 | 50360 | 88.97 |
| | | | | 121 | 4 | 50360 | 88.97 |
| | 7102 | K WHITE OFFSET | 136 | 124 | 2 | 14000 | 91.17 |
| | | | | 124 | 2 | 14000 | 91.17 |
| | 7120 | B W K OFFSET - ANTIQUE | 136 | 133 | 1 | 4200 | 97.79 |
| | | | | 133 | 1 | 4200 | 97.79 |
| | 7200 | RAVENSWOOD OPAQUE | 136 | 132 | 3 | 51250 | 97.05 |
| | | | 136 | 124 | 2 | 31200 | 91.17 |
| | | | 136 | | 1 | | |
| | | | | 129 | 6 | 82450 | 94.82 |
| | 7202 | RAVENSWOOD OPAQUE | 136 | 123 | 2 | 33760 | 90.44 |
| | | | 136 | 105 | 1 | 12030 | 77.20 |
| | | | | 118 | 3 | 45790 | 86.96 |
| | | | | 123 | 112 | 2259830 | 90.85 |

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 8
RUN DATE: 10/30/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 105 | 6 | 148840 | 95.45 |
| | | | 110 | 100 | 2 | 17320 | 90.90 |
| | | | 110 | 93 | 2 | 9900 | 84.54 |
| | | | | 107 | 20 | 367570 | 97.41 |
| | 7105 | K WHITE OFFSET | 110 | 120 | 2 | 15670 | 109.09 |
| | | | 110 | 105 | 1 | 32700 | 95.45 |
| | | | 110 | 104 | 1 | 10370 | 94.54 |
| | | | 110 | 100 | 2 | 16240 | 90.90 |
| | | | | 107 | 6 | 75070 | 97.19 |
| | 7107 | K WHITE OFFSET | 110 | 108 | 1 | 4140 | 98.18 |
| | | | | 108 | 1 | 4140 | 98.18 |
| | 7120 | [illegible] K OFFSET - ANTIQUE | 122 | 108 | 3 | 19140 | 88.52 |
| | | | 122 | 104 | 1 | 15060 | 85.24 |
| | | | 122 | 100 | 4 | 30430 | 81.95 |
| | | | | 103 | 8 | 64630 | 84.67 |
| | 7122 | OW K OFFSET - ANTIQUE | 110 | 120 | 3 | 34320 | 109.09 |
| | | | 110 | 115 | 1 | 3470 | 104.54 |
| | | | | 120 | 4 | 37790 | 108.67 |
| | 7123 | OW K OFFSET - ANTIQUE | 110 | 115 | 1 | 9700 | 104.54 |
| | | | | 115 | 1 | 9700 | 104.54 |
| | 7130 | OW K OFFSET - ANTIQUE | 110 | 116 | 2 | 45680 | 105.45 |
| | | | | 116 | 2 | 45680 | 105.45 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 116 | 1 | 2100 | 105.45 |
| | | | 110 | 107 | 2 | 46030 | 97.27 |
| | | | | 107 | 3 | 48130 | 97.63 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 116 | 1 | 11180 | 105.45 |
| | | | 110 | 105 | 3 | 63570 | 95.45 |
| | | | 110 | 104 | 2 | 8490 | 94.54 |
| | | | | 106 | 6 | 83240 | 96.70 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 105 | 5 | 71600 | 95.45 |
| | | | | 105 | 5 | 71600 | 95.45 |
| | | | | 110 | 151 | 2949790 | 102.54 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1100 | GW RAMTEXT NEW SHADE EU | 103 | 116 | 31 | 764670 | 112.62 |
| | | | | 116 | 31 | 764670 | 112.62 |
| | 1206 | SPLC A.M. PRIDE | 105 | 105 | 1 | | 100.00 |
| | | | | | 1 | | |
| | 1210 | A.M. PRIDE | 106 | 116 | 1 | 4650 | 109.43 |
| | | | 106 | 105 | 2 | 72430 | 99.05 |
| | | | | 106 | 3 | 77080 | 99.68 |
| | 1210 | GENERIC OFFSET | 105 | 107 | 1 | 40260 | 101.90 |
| | | | | 107 | 1 | 40260 | 101.90 |
| | 2247 | OFF WH LAWYERS OFFSET | 105 | 108 | 6 | 174620 | 102.85 |
| | | | | 108 | 6 | 174620 | 102.85 |
| | 2513 | IDM SUPERIOR OFFSET | 110 | 120 | 6 | 199010 | 109.09 |
| | | | | 120 | 6 | 199010 | 109.09 |
| | 3830 | WHITE BOOKLITE | 110 | 91 | 2 | 6410 | 82.72 |
| | | | | 91 | 2 | 6410 | 82.72 |
| | 3835 | WHITE BOOK LITE | 105 | 119 | 1 | 4080 | 113.33 |
| | | | | 119 | 1 | 4080 | 113.33 |
| | 7100 | K WHITE OFFSET | 110 | 105 | 2 | 16320 | 95.45 |
| | | | | 105 | 2 | 16320 | 95.45 |
| | 7102 | K WHITE OFFSET | 110 | 119 | 4 | 54010 | 108.18 |
| | | | 110 | 116 | 3 | 32180 | 105.45 |
| | | | 110 | 115 | 6 | 102090 | 104.54 |
| | | | 110 | 113 | 3 | 54950 | 102.72 |
| | | | 110 | 112 | 1 | 20080 | 101.81 |
| | | | 110 | 110 | 3 | 55450 | 100.00 |
| | | | 110 | 105 | 6 | 133890 | 95.45 |
| | | | 110 | 104 | 5 | 130700 | 94.54 |
| | | | 110 | 102 | 5 | 204640 | 92.72 |
| | | | 110 | 100 | 1 | 16440 | 90.90 |
| | | | 110 | 98 | 3 | 34620 | 89.09 |
| | | | | 107 | 40 | 840050 | 97.53 |
| | 7103 | K WHITE OFFSET | 110 | 107 | 2 | 19740 | 97.27 |
| | | | | 107 | 2 | 19740 | 97.27 |
| | 7104 | K WHITE OFFSET | 110 | 120 | 2 | 32530 | 109.09 |
| | | | 110 | 112 | 2 | 20160 | 101.81 |
| | | | 110 | 109 | 2 | 51370 | 99.09 |
| | | | 110 | 107 | 3 | 74970 | 97.27 |
| | | | 110 | 106 | 1 | 12480 | 96.36 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - R.S. | 104 | 119 | 2 | 7490 | 114.42 |
| | | | | 119 | 2 | 7490 | 114.42 |
| | 253 | HMT - NON BLEED R.S. | 104 | 114 | 1 | 14850 | 109.61 |
| | | | 104 | 112 | 2 | 25050 | 107.69 |
| | | | 104 | 93 | 1 | 3750 | 89.42 |
| | | | | 111 | 4 | 43650 | 106.77 |
| | 2[illegible] | C1S MATTE BASE | 104 | 115 | 3 | 46160 | 110.57 |
| | | | | 115 | 3 | 46160 | 110.57 |
| | 271 | TYPE IV BASE STOCK DRY TON | 104 | 107 | 3 | 48580 | 102.89 |
| | | | | 107 | 3 | 48580 | 102.89 |
| | 273 | TYPE IV L DT BLADE BASE | 104 | 118 | 1 | 12510 | 113.46 |
| | | | 104 | 114 | 2 | 31860 | 109.61 |
| | | | | 115 | 3 | 44370 | 110.70 |
| | 274 | TYPE 904-B R.S. | 110 | 112 | 2 | 36480 | 101.81 |
| | | | 110 | 106 | 3 | 19600 | 96.35 |
| | | | 110 | 100 | 6 | 74340 | 90.90 |
| | | | | 104 | 11 | 130420 | 94.77 |
| | 276 | TYPE IV L DT BLADE BASE | 124 | 119 | 1 | 44870 | 95.96 |
| | | | 124 | 118 | 16 | 539300 | 95.16 |
| | | | 124 | 112 | 1 | 10950 | 90.32 |
| | | | | 118 | 20 | 595120 | 95.13 |
| | 278 | TYPE IV 1/2 LT LW BLADE BASE | 104 | 118 | 3 | 41780 | 113.46 |
| | | | | 118 | 3 | 41780 | 113.46 |
| | 291 | A.P. WALLPAPER BASE | 123 | 123 | 2 | 22790 | 100.00 |
| | | | | 123 | 2 | 22790 | 100.00 |
| | 292 | AP WALLPAPER BASE | 123 | 121 | 2 | 44090 | 98.37 |
| | | | | 121 | 2 | 44090 | 98.37 |
| | 1206 | SPEC A.M. PRIDE | 102 | 113 | 4 | 62875 | 110.78 |
| | | | 102 | 102 | 1 | | 100.00 |
| | | | | 113 | 5 | 62875 | 110.78 |
| | 1207 | A.M. PRIDE | 106 | 119 | 2 | 51760 | 112.26 |
| | | | | 119 | 2 | 51760 | 112.26 |
| | 1208 | A.M. PRIDE | 110 | 107 | 2 | 79460 | 97.27 |
| | | | | 107 | 2 | 79460 | 97.27 |
| | 1303 | ALLIED PRIDE | 121 | 120 | 3 | 105120 | 99.17 |
| | | | 121 | 105 | 1 | 15420 | 86.77 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 110 | 6 | 120540 | 97.58 |
| | 1810 | BW PRIDE OPAQUE | 110 | 109 | 1 | 23370 | 99.09 |
| | | | | 109 | 1 | 23370 | 99.09 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 118 | 4 | 79640 | 107.27 |
| | | | 110 | 113 | 1 | 8280 | 102.72 |
| | | | | 118 | 5 | 87920 | 106.84 |
| | 2505 | SOLITUDE OPAQUE | 110 | 107 | 5 | 78220 | 97.27 |
| | | | 110 | 101 | 1 | 8130 | 91.81 |
| | | | | 106 | 6 | 86350 | 96.76 |
| | 2535 | MANUAL OFFSET | 110 | 105 | 5 | 89930 | 95.45 |
| | | | | 105 | 5 | 89930 | 95.45 |
| | 2542 | A.P. LIGHTWEIGHT | 112 | 100 | 27 | 272110 | 89.28 |
| | | | | 100 | 27 | 272110 | 89.28 |
| | 2902 | DICKENS OFFSET | 110 | 115 | 2 | 40900 | 104.54 |
| | | | | 115 | 2 | 40900 | 104.54 |
| | 3001 | SUPERIOR OFFSET | 110 | 105 | 2 | 42200 | 95.45 |
| | | | | 105 | 2 | 42200 | 95.45 |
| | 7100 | K WHITE OFFSET | 110 | 112 | 2 | 43070 | 101.81 |
| | | | 110 | 110 | 2 | 44320 | 100.00 |
| | | | 110 | 105 | 4 | 59950 | 95.45 |
| | | | | 109 | 8 | 147340 | 98.68 |
| | 7101 | K WHITE OFFSET | 110 | 106 | 7 | 216090 | 96.36 |
| | | | 110 | 105 | 2 | 21120 | 95.45 |
| | | | | 106 | 9 | 237210 | 96.28 |
| | 7102 | K WHITE OFFSET | 110 | 119 | 1 | 13160 | 108.18 |
| | | | 110 | 110 | 2 | 18190 | 100.00 |
| | | | 110 | 99 | 2 | 35280 | 90.00 |
| | | | | 106 | 5 | 66630 | 96.32 |
| | 7201 | RAVENS#COO OPAQUE | 110 | 112 | 2 | 29120 | 101.81 |
| | | | | 112 | 2 | 29120 | 101.81 |
| | 7202 | RAVENS#OOD OPAQUE | 110 | 105 | 2 | 45580 | 95.45 |
| | | | | 105 | 2 | 45580 | 95.45 |
| | 9030 | SATURATED VELLUM BASE | 123 | 106 | 2 | 43470 | 86.17 |
| | | | | 106 | 2 | 43470 | 86.17 |
| | 9606 | TRIAL RUNS | | 111 | 1 | | |

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 11
RUN DATE: 10/30/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE 2 3 | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 111 | 147 | 2551215 | 97.69 |

SD 854115

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 10.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 116 | 2 | 15855 | 113.72 |
| | | | 102 | 115 | 2 | 79225 | 112.74 |
| | | | 102 | 78 | 1 | 1000 | 76.47 |
| | | | | 115 | 5 | 96080 | 112.52 |
| | 806 | LAUREL TEXT | 102 | 102 | 4 | | 100.00 |
| | | | | | 4 | | |
| | 853 | H W MASTER - NON BLEED II | 102 | 111 | 1 | 13053 | 108.82 |
| | | | 102 | 110 | 1 | 9619 | 107.84 |
| | | | 102 | 108 | 1 | 13632 | 105.88 |
| | | | 102 | 90 | 1 | 3710 | 88.23 |
| | | | | 108 | 4 | 40014 | 105.67 |
| | 858 | CIS MATTE | 102 | 112 | 2 | 18295 | 109.80 |
| | | | | 112 | 2 | 18295 | 109.80 |
| | 871 | MASTERBASE TYPE V LTHW-S | 102 | 104 | 3 | 27223 | 101.96 |
| | | | | 104 | 3 | 27223 | 101.96 |
| | 873 | MASTERBASE TYPE IV DTHW | 102 | 116 | 1 | 12920 | 113.72 |
| | | | 102 | 111 | 1 | 27858 | 108.82 |
| | | | | 113 | 2 | 40778 | 110.37 |
| | 874 | TYPE 804-S | 102 | 110 | 2 | 23570 | 107.84 |
| | | | 102 | 104 | 3 | 3868 | 101.95 |
| | | | 102 | 98 | 3 | 21950 | 96.07 |
| | | | 102 | | 2 | | |
| | | | | 104 | 10 | 49385 | 102.15 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 115 | 18 | 407864 | 112.74 |
| | | | 102 | 110 | 1 | 12995 | 107.84 |
| | | | 102 | 106 | 1 | 13731 | 103.92 |
| | | | 102 | 89 | 7 | 48130 | 87.25 |
| | | | 102 | 88 | 1 | 15632 | 86.27 |
| | | | 102 | | 10 | | |
| | | | | 111 | 38 | 498352 | 109.08 |
| | | | | 111 | 68 | 770127 | 108.72 |

SD 058116

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 101 | 4 | 33250 | 92.15 |
| | 9029 | SATURATED GRAVURE BASE | 123 | 118 | 1 | 6000 | 95.93 |
| | | | 123 | 112 | 1 | 4540 | 91.05 |
| | | | | 115 | 2 | 10540 | 93.83 |
| | 9030 | SATURATED VELLUM BASE | 123 | 120 | 2 | 21500 | 97.56 |
| | | | 123 | 116 | 3 | 36980 | 94.30 |
| | | | 123 | 106 | 5 | 77030 | 86.17 |
| | | | | 111 | 10 | 135510 | 90.20 |
| | | | | 111 | 149 | 2436580 | 99.45 |

SD 854117

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 102 | 123 | 12 | 395887 | 120.58 |
| | | | 102 | 121 | 1 | 55961 | 118.62 |
| | | | 102 | 119 | 2 | 48385 | 116.66 |
| | | | 102 | 118 | 1 | 9900 | 115.68 |
| | | | 102 | 117 | 3 | 134883 | 114.70 |
| | | | 102 | 101 | 1 | 31345 | 99.01 |
| | | | 102 | 100 | 4 | 70880 | 98.03 |
| | | | | 118 | 24 | 747241 | 116.01 |
| | 80C | LAUREL TEXT | 102 | 115 | 2 | 32950 | 112.74 |
| | | | | 115 | 2 | 32950 | 112.74 |
| | 859 | CIS MATTE | 102 | 112 | 4 | 111572 | 109.80 |
| | | | | 112 | 4 | 111572 | 109.80 |
| | 871 | MASTERBASE TYPE V LTHW-S | 102 | 104 | 1 | | 101.96 |
| | | | | | 1 | | |
| | 874 | TYPE 904-B | 102 | 110 | 4 | 25450 | 107.84 |
| | | | | 110 | 4 | 25450 | 107.84 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 115 | 16 | 371252 | 112.74 |
| | | | 102 | 110 | 1 | 7050 | 107.84 |
| | | | | 115 | 17 | 378302 | 112.65 |
| | 878 | MASTER BASE TYPE IV 1/2 LT LW | 102 | 116 | 2 | 19225 | 113.72 |
| | | | 102 | 111 | 3 | 29792 | 108.82 |
| | | | | 113 | 5 | 49017 | 110.74 |
| | 881 | MASTERBASE TYPE IV T | 122 | 115 | 1 | 22565 | 94.26 |
| | | | | 115 | 1 | 22565 | 94.26 |
| | | | | 116 | 58 | 1367097 | 113.79 |

SA 054118

REPORT : R4PS7610 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 08/01/84 DAILY PRODUCTION SYSTEM
RUN TIME: 122524 PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 28.00 | 1228 | CUSTOM OFFSET | 14.8 | 13.9 | 102.46 | 35028 | 41700 | | 41700 | 119.05 |
| 5 | 22.00 | 1400 | CW BRITISH OPAQUE - | 58.9 | 55.4 | 102.61 | 119994 | 126490 | | 126490 | 105.41 |
| 5 | 35.00 | 1805 | ALLIED PRIDE | 11.7 | 9.9 | 92.31 | 26730 | 33480 | | 33480 | 125.25 |
| 5 | 40.00 | 1810 | BW PRIDE OPAQUE | 10.1 | 9.3 | 100.45 | 28709 | 25620 | 1230 | 24390 | 84.96 |
| 5 | 20.00 | 2000 | BRITE LITE THIN | 5.8 | 4.7 | 88.40 | 8389 | 5310 | | 5310 | 63.30 |
| 5 | 24.00 | 2002 | BRITE LITE THIN | 25.5 | 24.3 | 103.96 | 56666 | 53920 | | 53820 | 94.98 |
| 5 | 35.00 | 2204 | IMPERIAL BIBLE | 29.3 | 19.3 | 71.86 | 50024 | 59370 | 7860 | 51510 | 102.97 |
| 5 | 22.00 | 2233 | IMPERIAL BIBLE EXTRA | 50.7 | 46.4 | 99.84 | 89038 | 94140 | 1280 | 92860 | 104.29 |
| 5 | 35.00 | 2435 | SPEC. SHAKESPEARE TH | 20.2 | 14.7 | 79.39 | 45246 | 43840 | | 43840 | 96.89 |
| 5 | 20.00 | 2540 | A P LIGHT WEIGHT | | | | | | 7900 | 7900- | |
| 5 | 21.00 | 2541 | A P LIGHTWEIGHT TY Q | 246.8 | 224.9 | 99.41 | 429769 | 450850 | 7060 | 443790 | 103.26 |
| 5 | 22.00 | 2542 | A P LIGHT WEIGHT | 29.9 | 27.6 | 100.70 | 59255 | 64780 | 11730 | 53050 | 89.53 |
| 5 | 24.00 | 2548 | NATO "83" B.W. | 13.0 | 10.8 | 90.63 | 25642 | 25860 | 1020 | 24840 | 96.87 |
| 5 | 35.00 | 3835 | WHITE ROCK LITE | 11.0 | 10.3 | 102.15 | 33093 | 34850 | 1200 | 33650 | 101.68 |
| 5 | 21.50 | 6300 | CIGARETTE TIPPING - | 97.5 | 73.7 | 82.46 | 89162 | 100640 | 6200 | 94440 | 105.92 |
| | 24.23 | | MACH TOTAL 1.09091 | 625.2 | 545.2 | 95.13 | 1096745 | 1160750 580 | 45480 | 1115270 | 101.69 |
| 6 | 30.00 | 1100 | BW RAMTEXT NEW SHADE | | | | | | | | |
| 6 | 50.00 | 1208 | A.M. PRIDE | 34.4 | 33.7 | 106.87 | 242504 | 255730 | | 255730 | 105.45 |
| 6 | 60.00 | 1210 | GENERIC OFFSET | 11.9 | 11.6 | 106.34 | 87630 | 92320 | 1380 | 90940 | 103.78 |
| 6 | 35.00 | 1805 | ALLIED PRIDE | 48.6 | 46.8 | 105.05 | 234560 | 251340 | 850 | 250490 | 106.79 |
| 6 | 35.00 | 2204 | IMPERIAL BIBLE | 3.6 | 3.1 | 93.94 | 14204 | 9920 | | 9920 | 69.84 |
| 6 | 30.00 | 2503 | SOLITUDE OPAQUE | 41.6 | 35.4 | 92.83 | 151552 | 123870 | 5670 | 118200 | 77.99 |
| 6 | 40.00 | 2505 | SOLITUDE OPAQUE | 1.8 | 1.5 | 90.91 | 8118 | 7760 | | 7760 | 95.59 |
| 6 | 40.00 | 2535 | MANUAL OFFSET | 6.8 | 6.5 | 104.28 | 37310 | 40420 | | 40420 | 108.34 |
| 6 | 50.00 | 2536 | I B M MANUAL | 57.8 | 54.5 | 102.86 | 406186 | 399780 | 10000 | 389780 | 95.96 |
| 6 | 30.00 | 2537 | MANUAL OFFSET M.F. | 3.5 | 2.9 | 90.39 | 22369 | 23900 | | 23900 | 106.84 |
| 6 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 24.2 | 22.2 | 100.08 | 97092 | 95470 | | 95470 | 98.33 |
| 6 | 55.00 | 2903 | DICKENS OFFSET | 3.2 | 2.0 | 68.18 | 13860 | 11850 | | 11850 | 85.50 |
| 6 | 40.00 | 3000 | SUPERIOR OFFSET | 73.0 | 69.3 | 103.56 | 355159 | 359250 | 3370 | 355880 | 100.20 |
| 6 | 66.00 | 3056 | KNAPP COOKBOOK OPAQU | 6.9 | 5.9 | 93.28 | 42373 | 38370 | | 38370 | 90.55 |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 12.5 | 10.4 | 90.76 | 55356 | 61920 | | 61920 | 111.86 |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 12.9 | 11.7 | 98.94 | 72587 | 71410 | | 71410 | 98.38 |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 57.1 | 52.6 | 100.49 | 377505 | 364290 | 5250 | 359040 | 95.11 |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 38.1 | 35.9 | 102.79 | 267103 | 243070 | | 243070 | 91.00 |
| 6 | 70.00 | 7105 | K WHITE OFFSET | 6.9 | 5.4 | 90.63 | 39644 | 35690 | | 35690 | 90.03 |
| 6 | 80.00 | 7107 | K WHITE OFFSET | 4.6 | 4.0 | 94.86 | 26828 | 30060 | 4680 | 25380 | 94.60 |
| 6 | 50.00 | 7122 | BW K OFFSET - ANTIQU | 21.5 | 8.6 | 43.64 | 60403 | 59720 | | 59720 | 98.87 |
| 6 | 55.00 | 7123 | BW K OFFSET - ANTIQU | 29.1 | 27.5 | 103.09 | 205611 | 222450 | | 222450 | 108.19 |
| 6 | 70.00 | 7125 | BW K OFFSET - ANTIQU | 1.1 | .9 | 89.26 | 6703 | 8360 | | 8360 | 124.72 |
| 6 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 8.6 | 8.6 | 109.09 | 50069 | 54890 | | 54890 | 109.63 |
| 6 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 4.5 | 4.0 | 96.97 | 27755 | 26610 | | 26610 | 95.87 |
| 6 | 59.50 | 9001 | DUPONT PAPER (BLUE) | 104.5 | 101.0 | 105.44 | 394620 | 427250 | | 427250 | 108.27 |
| | 45.37 | | MACH TOTAL 1.09091 | 618.3 | 566.0 | 99.96 | 3297101 | 3315700 1658 | 31200 | 3234500 | 93.62 |

SB 854119

| CH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 39.85 | | MILL C TOTAL | 1243.5 | 1111.2 | 97.48 | 4393846 | 4476450 | 76680 | 4399770 | 100.13 |
| 7 | 33.00 | 1803 | ALLIED PRIDE | 12.6 | 11.8 | 102.98 | 48869 | 52030 | | 52030 | 106.47 |
| 7 | 20.00 | 2221 | EXTRA WH IMPERIAL BI | | | | | | 2370 | 2370- | |
| 7 | 35.00 | 2514 | INTERNATIONAL HARVES | 11.1 | 9.3 | 91.40 | 42138 | 42120 | | 42120 | 99.96 |
| 7 | 21.00 | 2541 | A P LIGHTWEIGHT TY O | 5.7 | 4.7 | 89.95 | 11430 | 11470 | | 11470 | 100.35 |
| 7 | 22.00 | 2542 | A P LIGHT WEIGHT | 30.8 | 28.1 | 99.53 | 68989 | 72250 | | 72250 | 104.73 |
| 7 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 456.2 | 419.3 | 100.27 | 1704624 | 1653900 | 46410 | 1607490 | 94.30 |
| 7 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 16.7 | 11.8 | 77.08 | 44695 | 42990 | | 42990 | 96.19 |
| 7 | 35.00 | 3335 | WHITE BOOK LITE | | | | | | 12730 | 12730- | |
| 7 | 45.00 | 7101 | K WHITE OFFSET | 6.9 | 6.6 | 104.35 | 35616 | 38370 | | 38370 | 107.73 |
| 7 | 50.00 | 7102 | K WHITE OFFSET | 43.9 | 42.3 | 105.12 | 265245 | 286330 | | 286330 | 107.95 |
| 7 | 60.00 | 7104 | K WHITE OFFSET | 9.3 | 8.7 | 102.05 | 54566 | 61760 | | 61760 | 113.18 |
| 7 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 21.1 | 14.8 | 76.52 | 93272 | 83320 | | 83320 | 89.33 |
| | 34.15 | | MACH TOTAL 1.09091 | 614.2 | 557.4 | 99.00 | 2369444 | 2344540 | 61510 | 2283030 | 96.35 |
| | | | | | | | | 1172 | | | |
| 8 | 40.00 | 1206 | SPEC A.M. PRIDE | | | | | | | | |
| 8 | 60.00 | 1210 | GENERIC OFFSET | | | | | | | | |
| 8 | 35.00 | 2241 | LAWYERS OFFSET | 63.6 | 61.8 | 106.00 | 236268 | 224860 | 4345 | 220515 | 93.33 |
| 8 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 376.1 | 323.6 | 93.86 | 999924 | 1043430 | 4120 | 1039310 | 103.94 |
| 8 | 39.00 | 3336 | WORLD BOOK ENCYCLOPE | 56.6 | 47.5 | 91.55 | 217053 | 229110 | 7810 | 221300 | 101.96 |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 12.4 | 11.2 | 98.53 | 62092 | 64230 | 5020 | 59210 | 95.36 |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 31.9 | 29.9 | 102.25 | 184063 | 207770 | 2400 | 205370 | 111.58 |
| 8 | 70.00 | 7105 | K WHITE OFFSET | 21.5 | 4.4 | 22.33 | 24207 | 19570 | | 19570 | 80.84 |
| 8 | 80.00 | 7107 | K WHITE OFFSET | 9.6 | 9.1 | 103.41 | 48644 | 50850 | 1700 | 49150 | 101.04 |
| 8 | 50.00 | 7122 | BW K OFFSET - ANTIQU | 9.8 | 7.4 | 82.37 | 44097 | 32360 | | 32360 | 73.38 |
| 8 | 60.00 | 7124 | BW K OFFSET - ANTIQU | 5.8 | 5.8 | 109.09 | 31911 | 35760 | | 35760 | 112.06 |
| 8 | 45.00 | 7201 | RAVENSWOOD OPAQUE | | | | | | 2240 | 2240- | |
| 8 | 60.00 | 7204 | RAVENSWOOD OPAQUE | 42.2 | 41.2 | 106.51 | 226681 | 244970 | | 244970 | 108.07 |
| | 40.62 | | MACH TOTAL 1.09091 | 629.5 | 541.9 | 93.91 | 2074940 | 2152910 | 27635 | 2125275 | 102.43 |
| | | | | | | | | 1076 | | | |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 16.9 | 15.3 | 98.76 | 65801 | 65020 | | 65020 | 98.81 |
| 9 | 48.00 | 225 | CAMELIA MATTE RS | 16.9 | 14.2 | 91.66 | 75532 | 63700 | | 63700 | 84.34 |
| 9 | 48.00 | 253 | HWT - NON BLEED R.S. | 9.6 | 7.8 | 88.64 | 44212 | 42690 | | 42690 | 96.56 |
| 9 | 58.50 | 258* | CIS MATTE BASE | 22.6 | 21.8 | 105.23 | 108802 | 122540 | | 122540 | 112.63 |
| 9 | 64.00 | 271* | TYPE IV BASE STOCK O | 8.4 | 7.6 | 98.70 | 31877 | 42020 | | 42020 | 131.82 |
| 9 | 55.00 | 274* | TYPE 904-I R.S. | 5.6 | 4.0 | 77.92 | 23795 | 16230 | | 16230 | 68.21 |
| 9 | 60.00 | 276 | TYPE IV E DT BLADE R | 122.7 | 107.7 | 95.75 | 535051 | 619180 | 18250 | 600930 | 112.31 |
| 9 | 45.00 | 1000 | O.F. OFFSET | 51.5 | 43.4 | 91.93 | 226593 | 208330 | | 208330 | 91.94 |
| 9 | 30.00 | 1203 | A.M. PRIDE | 1.9 | 1.3 | 74.64 | 3732 | 3560 | | 3560 | 95.39 |
| 9 | 40.00 | 1206 | SPEC A.M. PRIDE | 10.3 | 10.0 | 105.91 | 43049 | 49990 | | 49990 | 116.12 |
| 9 | 45.00 | 1207 | A.M. PRIDE | 26.7 | 22.2 | 90.70 | 114717 | 83540 | | 83540 | 72.82 |
| 9 | 50.00 | 1208 | A.M. PRIDE | 3.1 | 3.1 | 109.09 | 17980 | 21270 | | 21270 | 118.30 |
| 9 | 50.00 | 1702 | J CPACIFIED OFFSET | 1.9 | 1.9 | 109.09 | 11305 | 12600 | | 12600 | 111.46 |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 15.6 | 14.6 | 102.10 | 46240 | 42930 | | 42930 | 92.84 |
| 9 | 35.00 | 1805 | ALLIED PRIDE | 7.2 | 6.6 | 100.00 | 24531 | 19070 | 1270 | 17800 | 72.56 |

1.65 1.62 3300 3240 (108) 11 1

REPORT : R4PS761C
RUN DATE: 08/01/84
RUN TIME: 122324

S C M A L L I E D P A P E R I N C.
DAILY PRODUCTION SYSTEM
PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984



| MACH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 33.00 | 2406 | SHAKESPEARE THIN | 5.5 | 5.2 | 103.14 | 18018 | 18220 | | 18220 | 101.12 |
| 9 | 35.00 | 2514 | INTERNATIONAL HARVES | 5.0 | 5.0 | 109.09 | 18584 | 20640 | | 20640 | 111.06 |
| 9 | 40.00 | 2535 | MANUAL OFFSET | 13.3 | 8.8 | 72.18 | 37884 | 37590 | | 37590 | 99.22 |
| 9 | 60.00 | 2537 | MANUAL OFFSET M.F. | 3.0 | 1.5 | 54.55 | 8253 | 8580 | | 8580 | 103.96 |
| 9 | 35.00 | 2545 | A.F. LIGHTWEIGHT | 7.9 | 6.5 | 89.76 | 25062 | 30660 | | 30660 | 122.34 |
| 9 | 45.00 | 3001 | SUPERIOR OFFSET | 12.5 | 10.8 | 94.25 | 51936 | 44060 | | 44060 | 84.84 |
| 9 | 38.00 | 3040 | SPECIAL SUPERIOR DOC | 11.2 | 10.3 | 100.32 | 42715 | 45330 | | 45330 | 106.12 |
| 9 | 30.00 | 3930 | WHITE BOOKLITE | 9.0 | 5.6 | 76.36 | 17973 | 15960 | | 15960 | 88.80 |
| 9 | 40.00 | 7100 | K WHITE OFFSET | 41.1 | 36.3 | 96.35 | 164776 | 156070 | 1540 | 154530 | 93.78 |
| 9 | 45.00 | 7101 | K WHITE OFFSET | 21.7 | 16.5 | 82.95 | 82973 | 78200 | | 78200 | 94.25 |
| 9 | 50.00 | 7102 | K WHITE OFFSET | 51.7 | 48.7 | 102.76 | 273155 | 286670 | | 286670 | 104.95 |
| 9 | 60.00 | 7104 | K WHITE OFFSET | 11.4 | 10.1 | 96.65 | 59701 | 66370 | | 66370 | 111.17 |
| 9 | 40.00 | 7120 | B W K OFFSET - ANTIQ | 5.1 | 4.8 | 102.67 | 20664 | 20780 | | 20780 | 100.56 |
| 9 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 21.9 | 19.6 | 99.45 | 85983 | 88610 | | 88610 | 103.06 |
| 9 | 45.00 | 7201 | RAVENSWOOD OPAQUE | 14.0 | 14.2 | 103.97 | 68710 | 66410 | 1330 | 65080 | 94.72 |
| 9 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 25.3 | 23.3 | 100.47 | 123200 | 110580 | | 110580 | 89.76 |
| 9 | 60.00 | 7204 | RAVENSWOOD OPAQUE | 1.5 | 1.2 | 87.27 | 6602 | 7410 | | 7410 | 112.24 |
| 9 | 68.50 | 9029* | SATURATED GRAVURE BA | | | | | | | | |
| 9 | 68.50 | 9030* | SATURATED VELLUM BAS | 34.5 | 29.2 | 92.33 | 135792 | 155440 | | 155440 | 114.47 |
| | 48.69 | | MACH SUBTOTAL | 544.9 | 476.5 | 95.40 | 2314932 | 2334020 | 22390 | 2311630 | 99.86 |
| | 67.29 | | *MACH SUBTOTAL | 71.1 | 62.6 | 96.05 | 300266 | 336230 | | 336230 | 111.98 |
| | 1.00 | | MACH TOTAL 1.09091 | 616.0 | 539.1 | 95.47 | 2615198 | 2670250 | 1335 22390 | 2647860 | 101.25 |
| | 41.15 | | MILL D SUBTOTAL | 1788.6 | 1575.8 | 96.11 | 6759316 | 6831470 | 111535 | 6719935 | 99.42 |
| | 67.29 | | *MILL D SUBTOTAL | 71.1 | 62.6 | 96.05 | 300266 | 336230 | | 336230 | 111.98 |
| | 42.38 | | MILL D TOTAL | 1859.7 | 1638.4 | 96.11 | 7059582 | 7167700 | 111535 | 7056165 | 99.95 |
| | 43.64 | | BOOK MILL SUBTOT | 3122.1 | 2687.0 | 96.67 | 11153162 | 11307920 | 188215 | 11119705 | 99.70 |
| | 67.29 | | *BOOK MILL SUBTOT | 71.1 | 62.6 | 96.05 | 300266 | 336230 | | 336230 | 111.98 |
| | 41.41 | | BOOK MILL TOTAL | 3193.2 | 2749.6 | 96.66 | 11453428 | 11644150 | 188215 | 11455935 | 100.02 |
| 17 | 50.00 | 803 | LAUREL TEXT | 12.7 | 9.3 | 83.69 | 81492 | 54368 | | 54368 | 66.72 |
| 17 | 43.00 | 812 | LAUREL TEXT | .7 | .7 | 114.29 | 5246 | 5230 | | 5230 | 99.70 |
| 17 | 60.00 | 825 | CAMELIA MATTE | 9.8 | 7.0 | 81.63 | 71604 | 69255 | | 69255 | 96.72 |
| 17 | 55.00 | 853 | B W MASTER - NON BLE | 11.3 | 7.7 | 74.59 | 61971 | 57960 | 1600 | 56360 | 90.95 |
| 17 | 90.00 | 871* | MASTERBASE TYPE V LT | 14.2 | 11.1 | 89.34 | 38556 | 38490 | | 38490 | 99.83 |
| 17 | 78.00 | 874* | TYPE 904-B | 5.8 | 5.4 | 106.40 | 16720 | 13000 | 2320 | 10680 | 63.88 |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV D | 136.0 | 127.7 | 107.31 | 551264 | 573668 | 9470 | 564178 | 102.34 |
| 17 | 87.50 | 881* | MASTERBASE TYPE IV T | 18.8 | 17.6 | 106.99 | 88246 | 85400 | | 85400 | 96.77 |
| | 79.53 | | BLADE SUBTOTAL | 171.0 | 152.4 | 101.85 | 771577 | 760481 | 11090 | 749391 | 97.12 |
| | 87.70 | | *BLADE SUBTOTAL | 38.8 | 34.1 | 100.44 | 143522 | 136890 | 2320 | 134570 | 93.76 |
| | 1.72 | | BLADE COATER 1.14286 | 209.8 | 186.5 | 101.59 | 915099 | 897371 | 13410 | 883961 | 96.60 |

449

SD 854131

REPORT : R4PS7610 S C M A L L I E D P A P E R I N C. PAGE 4
RUN DATE: 08/01/84 DAILY PRODUCTION SYSTEM
RUN TIME: 122524 PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1984

| CH | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 43.09 | | GRAND SUBTOTAL | 3203.12 | 839.4 | 96.95 | 11924739 | 12068401 | 199305 | 11869096 | 99.53 |
| | 73.08 | | *GRAND SUBTOTAL | 109.9 | 96.7 | 97.60 | 443788 | 473120 | 2320 | 470800 | 106.09 |
| | 44.22 | | GRAND TOTAL | 3313.02 | 936.1 | 96.97 | 12368527 | 12541521 | 201625 | 12339896 | 99.77 |

6270

| | TONS |
|---|---|
| 5 | 580 |
| 6 | 1658 |
| 7 | 1172 |
| 8 | 1076 |
| 9 | 62190 + = 1366 |
| 17 | 140295 + = 519 |

July 1984

| | HRS |
|---|---|
| 5 | 545 |
| 6 | 566 |
| 7 | 557 |
| 8 | 542 |
| 9 | 14.0 + 539 = 553 |
| 17 | 62.1 + 186.5 = ~~248.6~~ 249. |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 08/01/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1220 | CUSTOM OFFSET | 640 | 680 | 2 | 17550 | 106.25 |
| | | | 640 | 700 | 1 | 24150 | 109.37 |
| | | | | 692 | 3 | 41700 | 108.06 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 680 | 700 | 9 | 126490 | 102.94 |
| | | | | 700 | 9 | 126490 | 102.94 |
| | 1605 | ALLIED PRIDE | 570 | 660 | 2 | 33480 | 115.78 |
| | | | | 660 | 2 | 33480 | 115.78 |
| | 1610 | BW PRIDE OPAQUE | 540 | 500 | 3 | 25620 | 92.59 |
| | | | | 500 | 3 | 25620 | 92.59 |
| | 2000 | BRITE LITE THIN | 680 | 700 | 2 | 5310 | 102.94 |
| | | | | 700 | 2 | 5310 | 102.94 |
| | 2002 | BRITE LITE THIN | 670 | 700 | 5 | 53820 | 104.47 |
| | | | | 700 | 5 | 53820 | 104.47 |
| | 2204 | IMPERIAL BIBLE | 570 | 650 | 2 | 4200 | 114.03 |
| | | | 570 | 660 | 3 | 55170 | 115.78 |
| | | | | 659 | 5 | 59370 | 115.66 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 680 | 700 | 8 | 94140 | 102.94 |
| | | | | 700 | 8 | 94140 | 102.94 |
| | 2435 | SPEC. SHAKESPEARE THIN | 570 | 560 | 3 | 43840 | 98.24 |
| | | | | 560 | 3 | 43840 | 98.24 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 680 | 700 | 36 | 450850 | 102.94 |
| | | | | 700 | 36 | 450850 | 102.94 |
| | 2542 | A P LIGHT WEIGHT | 680 | 700 | 5 | 64780 | 102.94 |
| | | | | 700 | 5 | 64780 | 102.94 |
| | 2540 | NATO "80" M.W. | 670 | 700 | 3 | 25860 | 104.47 |
| | | | | 700 | 3 | 25860 | 104.47 |
| | 3835 | WHITE BUCK LITE | 570 | 570 | 2 | 34850 | 100.00 |
| | | | | 570 | 2 | 34850 | 100.00 |
| | 5400 | CIGARETTE TIPPING - CORK | 480 | 500 | 14 | 100640 | 104.16 |
| | | | 480 | 700 | 1 | | 145.83 |
| | | | | 500 | 15 | 100640 | 104.16 |
| | | | | 666 | 101 | 1160750 | 103.86 |

PROGRAM: N4PS721C S C M A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 09/01/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1208 | A.M. PRIDE | 730 | 720 | 2 | 95040 | 98.63 |
| | | | 730 | 740 | 1 | 62220 | 101.36 |
| | | | 730 | 760 | 2 | 98470 | 104.10 |
| | | | | 740 | 5 | 255730 | 101.40 |
| | 1210 | GENERIC OFFSET | 630 | 630 | 3 | 92320 | 100.00 |
| | | | | 630 | 3 | 92320 | 100.00 |
| | 1805 | ALLIED PRIDE | 760 | 780 | 6 | 212420 | 102.63 |
| | | | 760 | 790 | 1 | 38920 | 103.94 |
| | | | | 782 | 7 | 251340 | 102.83 |
| | 2234 | IMPERIAL BIBLE | 760 | 780 | 2 | 9920 | 102.63 |
| | | | | 780 | 2 | 9920 | 102.63 |
| | 2503 | SOLITUDE OPAQUE | 770 | 740 | 1 | 5620 | 96.10 |
| | | | 770 | 750 | 6 | 118250 | 97.40 |
| | | | | 750 | 7 | 123870 | 97.34 |
| | 2565 | SOLITUDE OPAQUE | 750 | 770 | 1 | 7760 | 102.66 |
| | | | | 770 | 1 | 7760 | 102.66 |
| | 2535 | MANUAL OFFSET | 750 | 770 | 3 | 40420 | 102.66 |
| | | | | 770 | 3 | 40420 | 102.66 |
| | 2536 | I. P. M MANUAL | 730 | 715 | 2 | 114950 | 97.94 |
| | | | 730 | 720 | 2 | 90910 | 98.63 |
| | | | 730 | 740 | 3 | 83750 | 101.36 |
| | | | 730 | 750 | 2 | 110170 | 102.73 |
| | | | | 731 | 9 | 399780 | 100.13 |
| | 2537 | MANUAL OFFSET M.F. | 630 | 620 | 3 | 23900 | 98.41 |
| | | | | 620 | 3 | 23900 | 99.41 |
| | 2543 | A.P. LIGHTWEIGHT | 770 | 750 | 1 | 9830 | 97.40 |
| | | | 770 | 780 | 3 | 85640 | 101.29 |
| | | | | 777 | 4 | 95470 | 100.89 |
| | 2903 | DICKENS OFFSET | 710 | 710 | 1 | 11850 | 100.00 |
| | | | 710 | 750 | 1 | | 105.63 |
| | | | | 710 | 2 | 11850 | 100.00 |
| | 3000 | SUPERIOR OFFSET | 750 | 770 | 1 | 18080 | 102.66 |
| | | | 750 | 780 | 11 | 341170 | 104.00 |
| | | | | 779 | 12 | 359250 | 103.93 |
| | 3056 | KNAPP COOKBOOK OPAQUE VELLUM | 580 | 610 | 1 | 38370 | 105.17 |
| | | | | 610 | 1 | 38370 | 105.17 |

50 854124

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7100 | K WHITE OFFSET | 750 | 765 | 1 | 10260 | 102.00 |
| | | | 750 | 780 | 3 | 51660 | 104.00 |
| | | | | 778 | 4 | 61920 | 103.67 |
| | 7101 | K WHITE OFFSET | 740 | 760 | 4 | 71410 | 102.70 |
| | | | | 760 | 4 | 71410 | 102.70 |
| | 7102 | K WHITE OFFSET | 730 | 720 | 11 | 200360 | 98.63 |
| | | | 730 | 740 | 3 | 53690 | 101.35 |
| | | | 730 | 750 | 2 | 51630 | 102.73 |
| | | | 730 | 760 | 3 | 58610 | 104.10 |
| | | | | 734 | 19 | 364290 | 100.49 |
| | 7104 | K WHITE OFFSET | 630 | 600 | 5 | 188210 | 95.23 |
| | | | 630 | 620 | 1 | 8310 | 98.41 |
| | | | 630 | 630 | 1 | 41590 | 100.00 |
| | | | 630 | 640 | 1 | 4960 | 101.58 |
| | | | | 607 | 8 | 243070 | 96.28 |
| | 7105 | K WHITE OFFSET | 540 | | 1 | | |
| | | | 540 | 560 | 1 | 35690 | 103.70 |
| | | | | 560 | 2 | 35690 | 103.70 |
| | 7107 | K WHITE OFFSET | 470 | 520 | 1 | 30060 | 110.63 |
| | | | | 520 | 1 | 30060 | 110.63 |
| | 7122 | BW K OFFSET - ANTIQUE | 730 | 750 | 5 | 59720 | 102.73 |
| | | | | 750 | 5 | 59720 | 102.73 |
| | 7123 | BW K OFFSET - ANTIQUE | 710 | 720 | 5 | 203800 | 101.40 |
| | | | 710 | 730 | 2 | 18650 | 102.91 |
| | | | | 721 | 7 | 222450 | 101.52 |
| | 7126 | BW K OFFSET - ANTIQUE | 540 | 560 | 1 | 8360 | 103.70 |
| | | | | 560 | 1 | 8360 | 103.70 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | 780 | 2 | 54890 | 104.00 |
| | | | | 780 | 2 | 54890 | 104.00 |
| | 7202 | RAVENSWOOD OPAQUE | 730 | 720 | 3 | 26610 | 98.63 |
| | | | | 720 | 3 | 26610 | 98.63 |
| | 9001 | DUPONT PAPER (BLUE) | 650 | 500 | 1 | 34590 | 76.92 |
| | | | 650 | 620 | 4 | 92750 | 95.38 |
| | | | 650 | 640 | 3 | 88820 | 98.46 |
| | | | 650 | 680 | 6 | 211090 | 104.61 |
| | | | | 644 | 14 | 427250 | 99.09 |
| | | | | 716 | 129 | 3315700 | 100.93 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1803 | ALLIED PRIDE | 750 | 760 | 3 | 52030 | 101.33 |
| | | | | 760 | 3 | 52030 | 101.33 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 750 | 760 | 3 | 42120 | 101.33 |
| | | | | 760 | 3 | 42120 | 101.33 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 710 | 750 | 1 | 11470 | 105.63 |
| | | | | 750 | 1 | 11470 | 105.63 |
| | 2542 | A P LIGHT WEIGHT | 710 | 750 | 5 | 72250 | 105.63 |
| | | | | 750 | 5 | 72250 | 105.63 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 730 | 9 | 218750 | 97.33 |
| | | | 750 | 750 | 26 | 673040 | 100.00 |
| | | | 750 | 760 | 6 | 173570 | 101.33 |
| | | | 750 | 770 | 9 | 248600 | 102.66 |
| | | | 750 | 780 | 12 | 339940 | 104.00 |
| | | | | 758 | 62 | 1653900 | 101.01 |
| | 2545 | A.P. LIGHTWEIGHT | 750 | 750 | 2 | 15330 | 100.00 |
| | | | 750 | 780 | 1 | 27660 | 104.00 |
| | | | | 769 | 3 | 42990 | 102.57 |
| | 7101 | K WHITE OFFSET | 710 | 730 | 2 | 38370 | 102.81 |
| | | | | 730 | 2 | 38370 | 102.81 |
| | 7102 | K WHITE OFFSET | 680 | 690 | 7 | 156060 | 101.47 |
| | | | 680 | 720 | 2 | 36460 | 105.88 |
| | | | 680 | 730 | 2 | 93810 | 107.35 |
| | | | 680 | 780 | 1 | | 114.70 |
| | | | | 707 | 12 | 286330 | 103.96 |
| | 7104 | K WHITE OFFSET | 580 | 620 | 1 | 55020 | 106.89 |
| | | | 580 | 640 | 1 | 6740 | 110.34 |
| | | | | 622 | 2 | 61760 | 107.27 |
| | 7202 | RAVENSWOOD OPAQUE | 680 | 670 | 4 | 82820 | 98.52 |
| | | | 680 | 690 | 1 | 500 | 101.47 |
| | | | | 670 | 5 | 83320 | 98.54 |
| | | | | 744 | 98 | 2344540 | 101.68 |

85126

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| CH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 2241 | LAWYERS OFFSET | 750 | 790 | 9 | 224860 | 105.33 |
| | | | | 790 | 9 | 224860 | 105.33 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 780 | 44 | 969150 | 104.00 |
| | | | 750 | 785 | 2 | 25730 | 104.66 |
| | | | 750 | 790 | 2 | 48550 | 105.33 |
| | | | | 781 | 48 | 1043430 | 104.08 |
| | 3036 | WORLD BOOK ENCYCLOPEDIA | 750 | 780 | 4 | 98260 | 104.00 |
| | | | 750 | 800 | 4 | 130850 | 106.66 |
| | | | | 791 | 8 | 229110 | 105.52 |
| | 7102 | K WHITE OFFSET | 750 | 770 | 3 | 64230 | 102.66 |
| | | | | 770 | 3 | 64230 | 102.66 |
| | 7104 | K WHITE OFFSET | 620 | 630 | 2 | 39850 | 101.61 |
| | | | 620 | 670 | 2 | 61130 | 108.06 |
| | | | 620 | 700 | 3 | 106790 | 112.90 |
| | | | | 678 | 7 | 207770 | 109.31 |
| | 7105 | K WHITE OFFSET | 530 | 550 | 1 | 9170 | 103.77 |
| | | | 530 | 560 | 4 | 10400 | 105.66 |
| | | | | 555 | 5 | 19570 | 104.77 |
| | 7107 | K WHITE OFFSET | 460 | 450 | 2 | 50850 | 97.82 |
| | | | | 450 | 2 | 50850 | 97.82 |
| | 7122 | 06 K OFFSET - ANTIQUE | 750 | 630 | 2 | 32360 | 84.00 |
| | | | | 630 | 2 | 32360 | 84.00 |
| | 7124 | 5W K OFFSET - ANTIQUE | 620 | 650 | 1 | 35760 | 104.83 |
| | | | | 650 | 1 | 35760 | 104.83 |
| | 7204 | RAVENSWOOD BRAGUL | 620 | 650 | 6 | 244970 | 104.93 |
| | | | | 650 | 6 | 244970 | 104.93 |
| | | | | 743 | 91 | 2152910 | 104.48 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 750 | 760 | 4 | 65020 | 101.33 |
| | | | | 760 | 4 | 65020 | 101.33 |
| | 225 | CAMELIA MATTE RS | 720 | 675 | 1 | 3670 | 93.75 |
| | | | 720 | 700 | 2 | 60030 | 97.22 |
| | | | | 699 | 3 | 63700 | 97.02 |
| | 253 | MAT - NON BLEED R.S. | 720 | 660 | 1 | 11300 | 91.66 |
| | | | 720 | 690 | 1 | 24650 | 95.83 |
| | | | 720 | 730 | 1 | 6740 | 101.38 |
| | | | | 688 | 3 | 42690 | 95.60 |
| | 258 | CIS MATTE BASE | 450 | 470 | 3 | 96400 | 104.44 |
| | | | 450 | 480 | 1 | 26140 | 106.66 |
| | | | | 472 | 4 | 122540 | 104.91 |
| | 271 | TYPE IV BASE STOCK DRY TON | 450 | 500 | 2 | 42020 | 111.11 |
| | | | | 500 | 2 | 42020 | 111.11 |
| | 274 | TYPE 904-B R.S. | 680 | 600 | 3 | 16230 | 88.23 |
| | | | | 600 | 3 | 16230 | 88.23 |
| | 276 | TYPE IV L OT BLADE BASE | 500 | 540 | 5 | 197630 | 108.00 |
| | | | 500 | 550 | 1 | 33560 | 110.00 |
| | | | 500 | 560 | 13 | 387990 | 112.00 |
| | | | | 553 | 19 | 619180 | 110.61 |
| | 1000 | U.P. OFFSET | 730 | 740 | 2 | 15670 | 101.36 |
| | | | 730 | 750 | 7 | 135020 | 102.73 |
| | | | 730 | 770 | 1 | 34560 | 105.47 |
| | | | 730 | 775 | 1 | 23080 | 106.16 |
| | | | | 755 | 11 | 209330 | 103.46 |
| | 1203 | A.M. PRIDE | 740 | 750 | 1 | 3560 | 102.70 |
| | | | | 760 | 1 | 3560 | 102.70 |
| | 1206 | SPEC A.M. PRIDE | 750 | 760 | 3 | 49990 | 101.33 |
| | | | | 760 | 3 | 49990 | 101.33 |
| | 1207 | A.M. PRIDE | 730 | 730 | 3 | 35810 | 100.00 |
| | | | 730 | 740 | 2 | 44050 | 101.36 |
| | | | 730 | 780 | 1 | 3680 | 106.84 |
| | | | | 737 | 6 | 83540 | 101.02 |
| | 1208 | A.M. PRIDE | 710 | 720 | 1 | 21270 | 101.40 |
| | | | | 720 | 1 | 21270 | 101.40 |
| | 1701 | U OPACIFIED OFFSET | 710 | 720 | 1 | 12600 | 101.40 |
| | | | | 720 | 1 | 12600 | 101.40 |

SD 854128

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1800 | PRIDE OPAQUE | 740 | 760 | 3 | 42930 | 102.70 |
| | | | | 760 | 3 | 42930 | 102.70 |
| | 1800 | ALLIED PRIDE | 750 | 770 | 2 | 19070 | 102.66 |
| | | | | 770 | 2 | 19070 | 102.66 |
| | 2406 | SHAKESPEARE THIN | 740 | 770 | 3 | 18220 | 104.05 |
| | | | | 770 | 3 | 18220 | 104.05 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 750 | 750 | 1 | 11530 | 100.00 |
| | | | 750 | 760 | 1 | 9110 | 101.33 |
| | | | | 754 | 2 | 20640 | 100.59 |
| | 2535 | MANUAL OFFSET | 750 | 760 | 2 | 18700 | 101.33 |
| | | | 750 | 770 | 1 | 18890 | 102.66 |
| | | | | 765 | 3 | 37590 | 102.00 |
| | 2537 | MANUAL OFFSET M.F. | 620 | 630 | 1 | 8580 | 101.61 |
| | | | | 630 | 1 | 8580 | 101.61 |
| | 2545 | A.P. LIGHTWEIGHT | 750 | 750 | 1 | 8520 | 100.00 |
| | | | 750 | 770 | 1 | 22140 | 102.66 |
| | | | | 764 | 2 | 30660 | 101.92 |
| | 3001 | SUPERIOR OFFSET | 730 | 750 | 2 | 44060 | 102.73 |
| | | | | 750 | 2 | 44060 | 102.73 |
| | 3040 | SPECIAL SUPERIOR BOOK | 750 | 740 | 1 | 6520 | 98.66 |
| | | | 750 | 760 | 2 | 38810 | 101.33 |
| | | | | 757 | 3 | 45330 | 100.95 |
| | 3830 | WHITE BOOKLITE | 740 | 750 | 1 | | 101.35 |
| | | | 740 | 760 | 1 | 11460 | 102.70 |
| | | | 740 | 770 | 1 | 4500 | 104.05 |
| | | | | 763 | 3 | 15960 | 103.08 |
| | 7100 | K WHITE OFFSET | 750 | 740 | 1 | 26050 | 98.66 |
| | | | 750 | 760 | 11 | 119760 | 101.33 |
| | | | 750 | 770 | 1 | 10260 | 102.66 |
| | | | | 757 | 13 | 156070 | 100.97 |
| | 7101 | K WHITE OFFSET | 730 | 750 | 5 | 74300 | 102.73 |
| | | | 730 | 760 | 1 | 3900 | 104.10 |
| | | | | 750 | 6 | 78200 | 102.80 |
| | 7102 | K WHITE OFFSET | 710 | 720 | 9 | 233990 | 101.40 |
| | | | 710 | 730 | 3 | 52680 | 102.81 |
| | | | | 722 | 12 | 286670 | 101.66 |

SA 054129

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7104 | K WHITE OFFSET | 620 | 650 | 9 | 66370 | 104.83 |
| | | | | 650 | 9 | 66370 | 104.83 |
| | 7120 | B & W K OFFSET - ANTIQUE | 750 | 750 | 2 | 20780 | 100.00 |
| | | | | 750 | 2 | 20780 | 100.00 |
| | 7201 | RAVENSWOOD OPAQUE | 750 | 750 | 3 | 41570 | 100.00 |
| | | | 750 | 760 | 3 | 47040 | 101.33 |
| | | | | 755 | 6 | 88610 | 100.71 |
| | 7201 | RAVENSWOOD OPAQUE | 730 | 740 | 1 | 11700 | 101.36 |
| | | | 730 | 750 | 5 | 54710 | 102.73 |
| | | | | 748 | 6 | 66410 | 102.49 |
| | 7201 | RAVENSWOOD OPAQUE | 710 | 720 | 2 | 32370 | 101.40 |
| | | | 710 | 730 | 2 | 32350 | 102.81 |
| | | | 710 | 740 | 2 | 21850 | 104.22 |
| | | | 710 | 750 | 2 | 24010 | 105.63 |
| | | | | 733 | 8 | 110580 | 103.29 |
| | 7204 | RAVENSWOOD OPAQUE | 620 | 650 | 1 | 7410 | 104.83 |
| | | | | 650 | 1 | 7410 | 104.83 |
| | 9030 | SATURATED VELLUM BASE | 450 | 450 | 3 | 35640 | 100.00 |
| | | | 450 | 460 | 1 | 13100 | 102.22 |
| | | | 450 | 500 | 5 | 106700 | 111.11 |
| | | | | 485 | 9 | 155440 | 107.81 |
| | | | | 664 | 157 | 2670250 | 104.39 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MCH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1300 | 1300 | 4 | 33330 | 100.00 |
| | | | 1300 | 1353 | 1 | 21038 | 104.07 |
| | | | | 1321 | 5 | 54368 | 101.57 |
| | 812 | LAUREL TEXT | 1300 | 1300 | 1 | 5230 | 100.00 |
| | | | | 1300 | 1 | 5230 | 100.00 |
| | 825 | CAMELIA MATTE | 1250 | 1200 | 2 | 69255 | 96.00 |
| | | | | 1200 | 2 | 69255 | 96.00 |
| | 853 | H W MASTER - NON BLEED II | 1000 | 500 | 1 | 24700 | 50.00 |
| | | | 1000 | 1000 | 1 | 18425 | 100.00 |
| | | | 1000 | 1200 | 1 | 14835 | 120.00 |
| | | | | 838 | 3 | 57960 | 83.81 |
| | 871 | MASTERBASE TYPE V LTHW-S | 350 | 662 | 1 | | 189.14 |
| | | | 350 | 748 | 1 | 38490 | 213.71 |
| | | | | 748 | 2 | 38490 | 213.71 |
| | 874 | TYPE 204-B | 325 | 450 | 3 | | 138.46 |
| | | | 325 | 975 | 2 | 13000 | 300.00 |
| | | | | 975 | 5 | 13000 | 300.00 |
| | 876 | MASTERBASE TYPE IV DT | 345 | 350 | 1 | 21600 | 101.44 |
| | | | 345 | 355 | 1 | 15360 | 102.89 |
| | | | 345 | 357 | 1 | 33355 | 103.47 |
| | | | 345 | 360 | 1 | 41936 | 104.34 |
| | | | 345 | 365 | 1 | 17170 | 105.79 |
| | | | 345 | 367 | 1 | 21392 | 106.37 |
| | | | 345 | 371 | 1 | 10430 | 107.53 |
| | | | 345 | 375 | 2 | 36078 | 108.69 |
| | | | 345 | 380 | 4 | 111969 | 110.14 |
| | | | 345 | 392 | 1 | 17800 | 113.62 |
| | | | 345 | 400 | 9 | 182104 | 115.94 |
| | | | 345 | 414 | 1 | 40890 | 120.00 |
| | | | 345 | 425 | 1 | 12904 | 123.18 |
| | | | 345 | 440 | 1 | 3250 | 127.53 |
| | | | 345 | 450 | 1 | 7230 | 130.43 |
| | | | | 385 | 27 | 573668 | 111.70 |
| | 881 | MASTERBASE TYPE IV T | 400 | 430 | 1 | 28615 | 107.50 |
| | | | 400 | 450 | 3 | 56785 | 112.50 |
| | | | | 443 | 4 | 85400 | 110.82 |
| | | | | 569 | 49 | 897371 | 115.02 |

SD 0541331

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 08/01/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MCH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1228 | CUSTOM OFFSET | 116 | 105 | 3 | 41700 | 90.51 |
| | | | | 105 | 3 | 41700 | 90.51 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 112 | 114 | 9 | 126490 | 101.78 |
| | | | | 114 | 9 | 126490 | 101.78 |
| | 1805 | ALLIED BRIDE | 105 | 100 | 2 | 33480 | 95.23 |
| | | | | 100 | 2 | 33480 | 95.23 |
| | 1810 | CW BRIDE OPAQUE | 122 | 105 | 3 | 25620 | 86.06 |
| | | | | 105 | 3 | 25620 | 86.06 |
| | 2000 | BRITE LITE THIN | 110 | 105 | 2 | 5310 | 95.45 |
| | | | | 105 | 2 | 5310 | 95.45 |
| | 2001 | BRITE LITE THIN | 110 | 110 | 5 | 53820 | 100.00 |
| | | | | 110 | 5 | 53820 | 100.00 |
| | 2204 | IMPERIAL BIBLE | 110 | 96 | 5 | 59370 | 87.27 |
| | | | | 96 | 5 | 59370 | 87.27 |
| | 2233 | IMPERIAL BIBLE EXTRA WHITE | 102 | 101 | 8 | 94140 | 99.01 |
| | | | | 101 | 8 | 94140 | 99.01 |
| | 2435 | SPEC. SHAKESPEARE THIN | 110 | 114 | 3 | 43840 | 103.63 |
| | | | | 114 | 3 | 43840 | 103.63 |
| | 2541 | A P LIGHTWEIGHT TY CPA | 116 | 105 | 36 | 450850 | 90.51 |
| | | | | 105 | 36 | 450850 | 90.51 |
| | 2542 | A P LIGHT WEIGHT | 105 | 113 | 5 | 64780 | 107.61 |
| | | | | 113 | 5 | 64780 | 107.61 |
| | 2548 | NATO "80" J.W. | 110 | 112 | 3 | 25860 | 101.81 |
| | | | | 112 | 3 | 25860 | 101.81 |
| | 3835 | WHITE BOOK LITE | 105 | 119 | 2 | 34850 | 113.33 |
| | | | | 119 | 2 | 34850 | 113.33 |
| | 6400 | CIGARETTE TIPPING - CORK | 114 | 92 | 9 | 67340 | 80.70 |
| | | | 114 | 91 | 6 | 33300 | 79.82 |
| | | | | 92 | 15 | 100640 | 80.41 |
| | | | | 105 | 101 | 1160750 | 94.27 |

85413

NACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| CH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1208 | A.A. PRIDE | 148 | 140 | 5 | 255730 | 94.59 |
| | | | | 140 | 5 | 255730 | 94.59 |
| | 1210 | GENERIC OFFSET | 142 | 142 | 3 | 92320 | 100.00 |
| | | | | 142 | 3 | 92320 | 100.00 |
| | 1805 | ALLIED PRIDE | 140 | 140 | 7 | 251340 | 100.00 |
| | | | | 140 | 7 | 251340 | 100.00 |
| | 2204 | IMPERIAL BIBLE | 140 | 128 | 2 | 9920 | 91.42 |
| | | | | 128 | 2 | 9920 | 91.42 |
| | 2503 | SOLITUDE CRACUS | 140 | 139 | 7 | 123870 | 99.28 |
| | | | | 139 | 7 | 123870 | 99.28 |
| | 2505 | SOLITUDE CRACUS | 140 | 132 | 1 | 7760 | 94.28 |
| | | | | 132 | 1 | 7760 | 94.28 |
| | 2535 | MANUAL OFFSET | 140 | 140 | 3 | 40420 | 100.00 |
| | | | | 140 | 3 | 40420 | 100.00 |
| | 2536 | I B M MANUAL | 142 | 145 | 9 | 399780 | 102.11 |
| | | | | 145 | 9 | 399780 | 102.11 |
| | 2537 | MANUAL OFFSET M.F. | 142 | 145 | 3 | 23900 | 102.11 |
| | | | | 145 | 3 | 23900 | 102.11 |
| | 2543 | A.P. LIGHTWEIGHT | 140 | 142 | 4 | 95470 | 101.42 |
| | | | | 142 | 4 | 95470 | 101.42 |
| | 2903 | DICKENS OFFSET | 140 | 126 | 2 | 11850 | 90.00 |
| | | | | 126 | 2 | 11850 | 90.00 |
| | 3000 | SUPERIOR OFFSET | 142 | 125 | 12 | 359250 | 88.02 |
| | | | | 125 | 12 | 359250 | 88.02 |
| | 3066 | KNAPP COOKBOOK OPAQUE VELLUM | 142 | 133 | 1 | 38370 | 93.66 |
| | | | | 133 | 1 | 38370 | 93.66 |
| | 7100 | K WHITE OFFSET | 142 | 143 | 1 | 10260 | 100.70 |
| | | | 142 | 135 | 1 | 10180 | 95.07 |
| | | | 142 | 126 | 2 | 41480 | 88.73 |
| | | | | 130 | 4 | 61920 | 91.76 |
| | 7101 | K WHITE OFFSET | 142 | 140 | 2 | 44000 | 98.59 |
| | | | 142 | 124 | 2 | 27410 | 87.32 |
| | | | | 134 | 4 | 71410 | 94.26 |
| | 7102 | K WHITE OFFSET | 142 | 148 | 1 | 10830 | 104.22 |

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 3
RUN DATE: 08/01/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MCH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 142 | 145 | 2 | 19450 | 102.11 |
| | | | 142 | 142 | 2 | 44600 | 100.00 |
| | | | 142 | 140 | 13 | 267800 | 98.59 |
| | | | 142 | 125 | 1 | 21610 | 88.02 |
| | | | | 140 | 19 | 364290 | 98.49 |
| | 7104 | K WHITE OFFSET | 142 | 148 | 1 | 41590 | 104.22 |
| | | | 142 | 146 | 1 | 4960 | 102.81 |
| | | | 142 | 142 | 1 | 9310 | 100.00 |
| | | | 142 | 139 | 5 | 188210 | 97.18 |
| | | | | 140 | 8 | 243070 | 98.60 |
| | 7105 | K WHITE OFFSET | 146 | 138 | 2 | 35690 | 94.52 |
| | | | | 138 | 2 | 35690 | 94.52 |
| | 7107 | K WHITE OFFSET | 142 | 128 | 1 | 30060 | 90.14 |
| | | | | 128 | 1 | 30060 | 90.14 |
| | 7122 | BW K OFFSET - ANTIQUE | 142 | 140 | 3 | 35570 | 98.59 |
| | | | 142 | 132 | 2 | 24150 | 92.95 |
| | | | | 137 | 5 | 59720 | 96.31 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 143 | 2 | 18650 | 100.70 |
| | | | 142 | 140 | 1 | 40680 | 98.59 |
| | | | 142 | 134 | 4 | 163120 | 94.36 |
| | | | | 136 | 7 | 222450 | 95.67 |
| | 7125 | BW K OFFSET - ANTIQUE | 142 | 140 | 1 | 8360 | 98.59 |
| | | | | 140 | 1 | 8360 | 98.59 |
| | 7200 | RAVENSWOOD OFFAGUE | 140 | 142 | 2 | 54890 | 101.42 |
| | | | | 142 | 2 | 54890 | 101.42 |
| | 7202 | RAVENSWOOD OFFAGUE | 140 | 140 | 1 | 14840 | 100.00 |
| | | | 140 | 130 | 2 | 11770 | 92.85 |
| | | | | 136 | 3 | 26610 | 96.84 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 14 | 427250 | 100.00 |
| | | | | 148 | 14 | 427250 | 100.00 |
| | | | | 139 | 129 | 3315700 | 97.36 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1994

| MCH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 1803 | ALLIED PRIDE | 136 | 124 | 3 | 52030 | 91.17 |
| | | | | 124 | 3 | 52030 | 91.17 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 136 | 128 | 3 | 42120 | 94.11 |
| | | | | 128 | 3 | 42120 | 94.11 |
| | 2541 | A.P. LIGHTWEIGHT TY OPA | 132 | 128 | 1 | 11470 | 96.96 |
| | | | | 128 | 1 | 11470 | 96.96 |
| | 2542 | A.P. LIGHT WEIGHT | 133 | 124 | 5 | 72250 | 93.23 |
| | | | | 124 | 5 | 72250 | 93.23 |
| | 2543 | A.P. LIGHTWEIGHT | 138 | 139 | 14 | 370990 | 100.00 |
| | | | 138 | 137 | 13 | 354180 | 99.27 |
| | | | 138 | 134 | 35 | 928730 | 97.10 |
| | | | | 136 | 62 | 1653900 | 98.22 |
| | 2545 | A.P. LIGHTWEIGHT | 134 | 107 | 3 | 42990 | 79.85 |
| | | | | 107 | 3 | 42990 | 79.85 |
| | 7101 | K WHITE OFFSET | 136 | 121 | 2 | 38370 | 88.97 |
| | | | | 121 | 2 | 38370 | 88.97 |
| | 7102 | K WHITE OFFSET | 136 | 135 | 1 | 42420 | 100.00 |
| | | | 136 | 132 | 2 | 33520 | 97.05 |
| | | | 136 | 131 | 2 | 28060 | 96.32 |
| | | | 136 | 130 | 5 | 129580 | 95.58 |
| | | | 136 | 128 | 1 | 43060 | 94.11 |
| | | | 136 | 122 | 1 | 9690 | 89.70 |
| | | | | 131 | 12 | 286330 | 96.06 |
| | 7104 | K WHITE OFFSET | 136 | 128 | 2 | 61760 | 94.11 |
| | | | | 128 | 2 | 61760 | 94.11 |
| | 7202 | RAVENSWOOD OPAQUE | 136 | 133 | 4 | 65690 | 97.79 |
| | | | 136 | 124 | 1 | 17630 | 91.17 |
| | | | | 131 | 5 | 83320 | 96.39 |
| | | | | 133 | 98 | 2344540 | 96.90 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 2241 | LAWYERS OFFSET | 110 | 108 | 9 | 224860 | 98.18 |
| | | | | 108 | 9 | 224860 | 98.18 |
| | 2543 | A.P. LIGHTWEIGHT | 112 | 103 | 48 | 1043430 | 91.96 |
| | | | | 103 | 48 | 1043430 | 91.96 |
| | 3136 | WORLD BOOK ENCYCLOPEDIA | 110 | 119 | 8 | 229110 | 108.18 |
| | | | | 119 | 8 | 229110 | 108.18 |
| | 7102 | K WHITE OFFSET | 110 | 105 | 3 | 64230 | 95.45 |
| | | | | 105 | 3 | 64230 | 95.45 |
| | 7104 | K WHITE OFFSET | 110 | 122 | 4 | 147920 | 110.90 |
| | | | 110 | 113 | 2 | 39850 | 102.72 |
| | | | 110 | 100 | 1 | 20000 | 90.90 |
| | | | | 118 | 7 | 207770 | 107.41 |
| | 7105 | K WHITE OFFSET | 110 | 105 | 5 | 19570 | 95.45 |
| | | | | 105 | 5 | 19570 | 95.45 |
| | 7107 | K WHITE OFFSET | 110 | 104 | 2 | 50850 | 94.54 |
| | | | | 104 | 2 | 50850 | 94.54 |
| | 7122 | BK K OFFSET - ANTIQUE | 110 | 113 | 1 | 28160 | 102.72 |
| | | | 110 | 112 | 1 | 4200 | 101.81 |
| | | | | 113 | 2 | 32360 | 102.60 |
| | 7124 | BM K OFFSET - ANTIQUE | 110 | 105 | 1 | 35760 | 95.45 |
| | | | | 105 | 1 | 35760 | 95.45 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 105 | 6 | 244970 | 95.45 |
| | | | | 105 | 6 | 244970 | 95.45 |
| | | | | 107 | 91 | 2152910 | 96.64 |

SD 854136

| MCH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - PS | 104 | 112 | 4 | 65020 | 107.69 |
| | | | | 112 | 4 | 65020 | 107.69 |
| | 225 | CAMELIA MATTE RS | 104 | 109 | 3 | 63700 | 104.80 |
| | | | | 109 | 3 | 63700 | 104.80 |
| | 253 | HWT - NON BLEED R.S. | 104 | 117 | 1 | 24650 | 112.50 |
| | | | 104 | 115 | 2 | 18040 | 110.57 |
| | | | | 116 | 3 | 42690 | 111.69 |
| | 256 | CIS MATTE BASE | 104 | 115 | 4 | 122540 | 110.57 |
| | | | | 115 | 4 | 122540 | 110.57 |
| | 271 | TYPE IV BASE STOCK DRY TON | 104 | 107 | 2 | 42020 | 102.88 |
| | | | | 107 | 2 | 42020 | 102.88 |
| | 274 | TYPE 904-B R.S. | 110 | 118 | 2 | 10970 | 107.27 |
| | | | 110 | 112 | 1 | 5260 | 101.81 |
| | | | | 116 | 3 | 16230 | 105.50 |
| | 276 | TYPE IV L OT BLADE BASE | 124 | 118 | 17 | 591510 | 95.16 |
| | | | 124 | 112 | 2 | 27670 | 90.32 |
| | | | | 118 | 19 | 619180 | 94.94 |
| | 1000 | J.P. OFFSET | 114 | 114 | 11 | 208330 | 100.00 |
| | | | | 114 | 11 | 208330 | 100.00 |
| | 1203 | A.M. PRIDE | 121 | 97 | 1 | 3560 | 80.16 |
| | | | | 97 | 1 | 3560 | 80.16 |
| | 1206 | SPEC A.M. PRIDE | 102 | 105 | 3 | 49990 | 102.94 |
| | | | | 105 | 3 | 49990 | 102.94 |
| | 1207 | A.M. PRIDE | 106 | 114 | 4 | 79120 | 107.54 |
| | | | 106 | 101 | 2 | 4420 | 95.28 |
| | | | | 113 | 6 | 83540 | 106.89 |
| | 1208 | A.M. PRIDE | 110 | 116 | 1 | 21270 | 105.45 |
| | | | | 116 | 1 | 21270 | 105.45 |
| | 1702 | J OPACIFIED OFFSET | 105 | 119 | 1 | 12600 | 113.33 |
| | | | | 119 | 1 | 12600 | 113.33 |
| | 1800 | PRIDE OPACUS | 110 | 107 | 3 | 42930 | 97.27 |
| | | | | 107 | 3 | 42930 | 97.27 |
| | 1805 | ALLIED PRIDE | 110 | 105 | 2 | 19070 | 95.45 |
| | | | | 105 | 2 | 19070 | 95.45 |

NACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| NACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2466 | SHAKESPEARE THIN | 110 | 105 | 3 | 18220 | 95.45 |
| | | | | 105 | 3 | 18220 | 95.45 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 105 | 2 | 20640 | 100.00 |
| | | | | 105 | 2 | 20640 | 100.00 |
| | 2535 | MANUAL OFFSET | 110 | 105 | 3 | 37590 | 95.45 |
| | | | | 105 | 3 | 37590 | 95.45 |
| | 2537 | MANUAL OFFSET M.F. | 110 | 105 | 1 | 8580 | 95.45 |
| | | | | 105 | 1 | 8580 | 95.45 |
| | 2545 | A.P. LIGHTWEIGHT | 110 | 110 | 1 | 22140 | 100.00 |
| | | | 110 | 105 | 1 | 8520 | 95.45 |
| | | | | 109 | 2 | 30660 | 98.74 |
| | 3001 | SUPERIOR OFFSET | 110 | 105 | 2 | 44060 | 95.45 |
| | | | | 105 | 2 | 44060 | 95.45 |
| | 3040 | SPECIAL SUPERIOR BOOK | 119 | 108 | 3 | 45330 | 90.75 |
| | | | | 108 | 3 | 45330 | 90.75 |
| | 3830 | WHITE BOOKLITE | 110 | 117 | 1 | 4500 | 106.36 |
| | | | 110 | 105 | 2 | 11460 | 95.45 |
| | | | | 108 | 3 | 15960 | 98.53 |
| | 7100 | K WHITE OFFSET | 110 | 115 | 5 | 27190 | 104.54 |
| | | | 110 | 114 | 1 | 26050 | 103.63 |
| | | | 110 | 113 | 2 | 22120 | 102.72 |
| | | | 110 | 110 | 2 | 38260 | 100.00 |
| | | | 110 | 105 | 3 | 42450 | 95.45 |
| | | | | 111 | 13 | 156070 | 100.54 |
| | 7101 | K WHITE OFFSET | 110 | 113 | 3 | 36510 | 102.72 |
| | | | 110 | 107 | 3 | 41690 | 97.27 |
| | | | | 110 | 6 | 78200 | 99.81 |
| | 7102 | K WHITE OFFSET | 110 | 119 | 3 | 55010 | 108.18 |
| | | | 110 | 114 | 1 | 12870 | 103.63 |
| | | | 110 | 113 | 3 | 118880 | 102.72 |
| | | | 110 | 109 | 2 | 20620 | 99.09 |
| | | | 110 | 108 | 2 | 66930 | 98.18 |
| | | | 110 | 105 | 1 | 12360 | 95.45 |
| | | | | 112 | 12 | 286670 | 102.17 |
| | 7104 | K WHITE OFFSET | 110 | 120 | 3 | 18500 | 109.09 |
| | | | 110 | 119 | 1 | 4830 | 108.18 |
| | | | 110 | 113 | 1 | 13000 | 102.72 |
| | | | 110 | 111 | 1 | 13450 | 100.90 |

SD 85418

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07.1984

| MCH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 105 | 3 | 16590 | 95.45 |
| | | | | 113 | 9 | 66370 | 102.71 |
| | 7120 | D W K OFFSET - ANTIQUE | 110 | 105 | 2 | 20780 | 95.45 |
| | | | | 105 | 2 | 20780 | 95.45 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 107 | 6 | 88610 | 97.27 |
| | | | | 107 | 6 | 88610 | 97.27 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 112 | 1 | 4170 | 101.91 |
| | | | 110 | 107 | 2 | 12390 | 97.27 |
| | | | 110 | 105 | 3 | 49850 | 95.45 |
| | | | | 106 | 6 | 66410 | 96.19 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 108 | 2 | 13990 | 98.18 |
| | | | 110 | 107 | 1 | 22990 | 97.27 |
| | | | 110 | 105 | 4 | 64720 | 95.45 |
| | | | 110 | 104 | 1 | 8880 | 94.54 |
| | | | | 106 | 8 | 110580 | 96.10 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 105 | 1 | 7410 | 95.45 |
| | | | | 105 | 1 | 7410 | 95.45 |
| | 9030 | SATURATED VELLUM BASE | 123 | 118 | 1 | 22620 | 95.93 |
| | | | 123 | 117 | 2 | 34640 | 95.12 |
| | | | 123 | 116 | 5 | 85080 | 94.30 |
| | | | 123 | 106 | 1 | 13100 | 86.17 |
| | | | | 116 | 9 | 155440 | 94.03 |
| | | | | 112 | 157 | 2670250 | 99.37 |

85139

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 07,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| .7 | 803 | LAUREL TEXT | 102 | 109 | 3 | 29810 | 106.86 |
| | | | 102 | 108 | 2 | 24558 | 105.88 |
| | | | | 109 | 5 | 54368 | 106.42 |
| | 812 | LAUREL TEXT | 102 | 108 | 1 | 5230 | 105.88 |
| | | | | 103 | 1 | 5230 | 105.88 |
| | 825 | CAMELIA MATTE | 102 | 107 | 2 | 69255 | 104.90 |
| | | | | 107 | 2 | 69255 | 104.90 |
| | 853 | H W MASTER - NON BLEED II | 102 | 116 | 1 | 18425 | 113.72 |
| | | | 102 | 115 | 1 | 14835 | 112.74 |
| | | | 102 | 114 | 1 | 24700 | 111.76 |
| | | | | 115 | 3 | 57960 | 112.63 |
| | 871 | MASTERBASE TYPE V LTH#-S | 102 | 104 | 2 | 38490 | 101.96 |
| | | | | 104 | 2 | 38490 | 101.96 |
| | 874 | TYPE 904-E | 102 | 116 | 1 | | 113.72 |
| | | | 102 | 115 | 3 | 7000 | 112.74 |
| | | | 102 | 110 | 1 | 6000 | 107.84 |
| | | | | 113 | 5 | 13000 | 110.48 |
| | 876 | MASTERBASE TYPE IV DT | 102 | 115 | 25 | 547448 | 112.74 |
| | | | 102 | 110 | 2 | 26220 | 107.84 |
| | | | | 115 | 27 | 573668 | 112.52 |
| | 881 | MASTERBASE TYPE IV T | 122 | 115 | 4 | 85400 | 94.26 |
| | | | | 115 | 4 | 85400 | 94.26 |
| | | | | 113 | 49 | 897371 | 109.31 |

838 TONS

- 9800 2247 T

- 1333 T

8 - 1413 T

9 - 15020 1661 T

17 - 23804 784 T

| | | |
|---|---|---|
| 5 | 722.4 | 722 |
| 6 | - 4 1/2 749.1 | 754 |
| 7 | 729.7 | 730 |
| 8 | 680.1 | 680 |
| 9 | - 9.0 tons 715 1/2 | 725 |
| | | 720 |

REPORT: RAP57610 S C H A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
RUN TIME: 082419 PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| | BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | MACH ACT | MACH EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 28.00 | 1220 | CUSTOM OFFSET | 28.6 | 20.0 | 76.29 | 50869 | 44800 | 798 | 44002 | 88.50 | |
| 5 | 22.00 | 1400 | CW BRITISH OPAQUE - | 117.8 | 98.4 | 91.13 | 213131 | 210470 | 4260 | 206210 | 96.75 | |
| 5 | 25.00 | 1401 | BRITISH OPAQUE - SE | 19.2 | 17.9 | 101.70 | 44892 | 53320 | | 53320 | 118.77 | |
| 5 | 33.00 | 1833 | B & SPECIAL PRIDE | 31.8 | 30.2 | 103.60 | 80542 | 93110 | | 93110 | 115.60 | |
| 5 | 28.00 | 2101 | BRITISH OPAQUE | 15.1 | 13.0 | 93.92 | 34942 | 39040 | | 39040 | 111.73 | |
| 5 | 35.00 | 2204 | IMPERIAL BIBLE | | | | | | 7860 | 7860- | | |
| 5 | 24.00 | 2210 | C & IMPERIAL BIBLE | 4.2 | 3.9 | 101.30 | 8432 | 12100 | | 12100 | 144.47 | |
| 5 | 21.00 | 2223 | NATC TEXT BIBLE 80 | | | | | | | | | |
| 5 | 30.00 | 2240 | LAWYERS WHITE OFFSE | 80.1 | 73.4 | 99.97 | 202512 | 219330 | | 219330 | 106.30 | |
| 5 | 35.00 | 2407 | SHAKESPEARE THIN | | | | | | | | | |
| 5 | 25.00 | 2501 | SOLITUDE OPAQUE | 15.5 | 16.0 | 105.57 | 32340 | 36230 | 2070 | 34160 | 105.63 | |
| 5 | 35.00 | 2504 | SOLITUDE OPAQUE | 13.0 | 11.8 | 99.02 | 33452 | 34570 | 3610 | 30960 | 92.55 | |
| 5 | 20.00 | 2540 | A P LIGHT WEIGHT | | | | | | 2000 | 2000- | | |
| 5 | 21.00 | 2541 | A P LIGHT WEIGHT TY | 450.6 | 405.0 | 98.05 | 771545 | 849930 | 13800 | 836130 | 104.37 | |
| 5 | 22.00 | 2542 | A P LIGHT WEIGHT | 15.0 | 13.9 | 101.09 | 29204 | 29720 | | 29720 | 101.77 | |
| 5 | 26.00 | 2549 | A.P. LIGHTWEIGHT | 20.8 | 19.9 | 104.37 | 49471 | 53080 | | 53080 | 107.30 | |
| | 24.02 | | MACH TOTAL 1.09091 | 811.7 | 722.4 | 97.09 | 1551333 | 1675780 | 34398 | 1641382 | 104.90 | 102.75 |
| 6 | 30.00 | 1100 | BW RAMTEXT NEW SHAD | 200.5 | 187.0 | 101.75 | 799742 | 817910 | 5950 | 811960 | 101.53 | |
| 6 | 40.00 | 1206 | SPLC A.M. PRIDE | 9.1 | 8.8 | 105.49 | 50512 | 51800 | | 51800 | 102.55 | |
| 6 | 45.00 | 1207 | A.M. PRIDE | 74.7 | 73.2 | 106.90 | 480790 | 507290 | 19490 | 487800 | 101.37 | |
| 6 | 50.00 | 1296 | A.M. PRIDE | 27.6 | 25.5 | 100.79 | 185515 | 183590 | 2828 | 180762 | 97.44 | |
| 6 | 60.00 | 1210 | GENERIC OFFSET | 4.7 | 4.4 | 102.13 | 33121 | 38870 | | 38870 | 117.36 | |
| 6 | 50.00 | 2507 | SOLITUDE OPAQUE | 8.3 | 6.7 | 88.06 | 47868 | 45000 | | 45000 | 94.01 | |
| 6 | 40.00 | 2535 | MANUAL OFFSET | 7.7 | 6.6 | 93.51 | 37884 | 46880 | | 46880 | 123.75 | |
| 6 | 50.00 | 2536 | I & M MANUAL | 35.1 | 32.7 | 101.63 | 227493 | 211180 | | 211180 | 92.83 | |
| 6 | 55.00 | 2903 | DICKENS OFFSET | 7.4 | 6.4 | 94.35 | 49280 | 45690 | 4250 | 41440 | 84.09 | |
| 6 | 70.00 | 3005 | SUPERIOR OFFSET | 15.4 | 14.4 | 102.01 | 95760 | 110100 | | 110100 | 114.97 | |
| 6 | 80.00 | 3400 | END LEAF OFFSET - H | 5.2 | 4.8 | 100.70 | 35212 | 37940 | | 37940 | 107.75 | |
| 6 | 48.00 | 6519* | WHITE DIAZO PAPER | | | | | | | | | |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 4.5 | 3.9 | 94.55 | 22225 | 16600 | 3320 | 13280 | 59.75 | |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 26.7 | 23.6 | 96.43 | 151525 | 155050 | 2900 | 152150 | 100.41 | |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 143.8 | 138.5 | 105.07 | 976482 | 1023344 | 1990 | 1021354 | 104.38 | |
| 6 | 55.00 | 7103 | K WHITE OFFSET | 1.6 | 1.2 | 81.82 | 9042 | 9780 | | 9780 | 108.16 | |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 46.6 | 44.1 | 103.24 | 327924 | 354230 | | 354230 | 108.02 | |
| 6 | 45.00 | 7121 | B.W. K OFFSET - ANT | 3.7 | 3.4 | 100.25 | 21926 | 23880 | 3040 | 20840 | 95.04 | |
| 6 | 50.00 | 7122 | BW K OFFSET - ANTIQ | 20.0 | 19.2 | 104.73 | 137687 | 142500 | 3180 | 139320 | 101.19 | |
| 6 | 55.00 | 7123 | BW K OFFSET - ANTIQ | 13.0 | 11.8 | 99.02 | 85668 | 81640 | | 81640 | 95.30 | |
| 6 | 70.00 | 7125 | BW K OFFSET - ANTIQ | 5.7 | 5.4 | 103.35 | 38804 | 38530 | | 38530 | 99.29 | |
| 6 | 29.50 | 9001 | DUPONT PAPER (BLUE) | 108.7 | 102.0 | 102.37 | 398520 | 444190 | | 444190 | 111.46 | |
| 6 | 29.50 | 9010* | BLUE GREEN DUPONT P | 26.0 | 25.5 | 106.99 | 99632 | 98320 | | 98320 | 98.68 | |
| | 45.14 | | MACH SUBTOTAL | 770.0 | 723.6 | 102.52 | 4214974 | 4385994 | 47348 | 4338646 | 102.93 | 105.51 |
| | 29.50 | | *MACH SUBTOTAL | 26.0 | 25.5 | 106.99 | 99632 | 98320 | | 98320 | 98.68 | 105.58 |
| | 44.90 | | MACH TOTAL 1.09091 | 796.0 | 749.1 | 102.66 | 4314611 | 4484314 | 47348 | 4436966 | 102.84 | 105.17 |

REPORT: R4P57610 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
RUN TIME: 082419 PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 39.30 | | MILL C SUBTOTAL | 1561.7 | 1446.0 | 99.73 | 5766312 | 6061774 | 81746 | 5980028 | 101.71 | 103.4 |
| | 29.50 | | *MILL C SUBTOTAL | 26.0 | 25.5 | 106.99 | 99632 | 98320 | | 98320 | 98.68 | 105.6 |
| | 39.14 | | MILL C TOTAL | 1607.7 | 1471.5 | 99.85 | 5865944 | 6160094 | 81746 | 6078034 | 103.42 | 103.4 |
| 7 | 38.00 | 203 | LAUREL TEXT - RS | 41.6 | 38.2 | 100.17 | 176214 | 139300 | | 139300 | 126.22 | |
| 7 | 33.00 | 1203 | A.M. PRIDE | 5.3 | 4.9 | 100.86 | 17934 | 14500 | | 14500 | 80.86 | |
| 7 | 40.00 | 1206 | SPEC A.M. PRIDE | 13.8 | 13.4 | 105.93 | 66586 | 69400 | | 69400 | 104.23 | |
| 7 | 40.00 | 1610 | BW PRIDE OPAQUE | | | | | | | | | |
| 7 | 33.00 | 2203 | IMPERIAL BIBLE | 5.8 | 5.2 | 60.19 | 14000 | 14670 | | 14670 | 104.79 | |
| 7 | 35.00 | 2204 | IMPERIAL BIBLE | 8.1 | 6.6 | 88.89 | 32008 | 31930 | 2550 | 29380 | 91.79 | |
| 7 | 24.00 | 2210 | C W IMPERIAL BIBLE | 79.7 | 75.6 | 103.48 | 236128 | 235550 | 2630 | 232920 | 98.64 | |
| 7 | 30.00 | 2240 | LAWYERS WHITE OFFSE | 63.5 | 60.7 | 104.28 | 218520 | 239990 | | 239990 | 109.83 | |
| 7 | 30.00 | 2503 | SOLITUDE OPAQUE | 113.0 | 94.6 | 89.74 | 361647 | 357480 | 4328 | 363152 | 100.42 | |
| 7 | 40.00 | 2513 | IBM SUPERIOR OFFSET | 33.8 | 32.4 | 104.57 | 167415 | 180960 | | 180960 | 108.09 | |
| 7 | 35.00 | 2522 | SPECIAL SOLITUDE OP | 15.9 | 15.0 | 102.92 | 66905 | 72480 | | 72480 | 108.35 | |
| 7 | 21.00 | 2541 | A P LIGHTWEIGHT TY | 202.0 | 183.6 | 99.15 | 446092 | 438260 | 32765 | 405495 | 90.90 | |
| 7 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 209.7 | 182.2 | 94.78 | 729264 | 701920 | 22790 | 679130 | 93.13 | |
| 7 | 50.00 | 3502 | SCHOOL COTE | | | | | | | | | |
| 7 | 40.00 | 7100 | K WHITE OFFSET | 7.2 | 6.5 | 98.48 | 34662 | 40520 | | 40520 | 116.90 | |
| 7 | 50.00 | 7102 | K WHITE OFFSET | 16.0 | 12.8 | 87.27 | 75571 | 68780 | | 68780 | 91.01 | |
| | 30.30 | | MACH TOTAL 1.09091 | 817.4 | 729.7 | 97.39 | 2644947 | 2665740 | 63063 | 2602677 | 94.31 | 95.72 |
| 8 | 50.00 | 1203 | A.M. PRIDE | 8.6 | 7.4 | 93.87 | 41024 | 44280 | | 44280 | 107.94 | |
| 8 | 50.00 | 2507 | SOLITUDE OPAQUE | 26.0 | 25.3 | 106.15 | 153621 | 141380 | | 141380 | 92.03 | |
| 8 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 413.1 | 372.1 | 98.26 | 1152961 | 1234250 | 4470 | 1229780 | 106.67 | |
| 8 | 60.00 | 2904 | DICKENS OFFSET | | | | | | | | | |
| 8 | 30.00 | 3630 | WHITE BOOKLITE | 62.4 | 61.9 | 108.22 | 213365 | 228430 | 6640 | 221790 | 94.49 | |
| 8 | 40.00 | 7100 | K WHITE OFFSET | 22.2 | 18.8 | 92.38 | 63228 | 85650 | | 85650 | 102.91 | |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 20.7 | 18.7 | 98.55 | 96775 | 97195 | 2160 | 95035 | 98.20 | |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 50.2 | 45.8 | 99.53 | 270624 | 252440 | 1010 | 251430 | 92.91 | |
| 8 | 55.00 | 7103 | K WHITE OFFSET | 4.1 | 3.0 | 79.82 | 16848 | 19640 | 1970 | 17670 | 104.88 | |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 42.3 | 40.7 | 104.96 | 232703 | 238710 | | 238710 | 102.58 | |
| 8 | 70.00 | 7105 | K WHITE OFFSET | 30.8 | 27.4 | 97.05 | 172290 | 178060 | | 178060 | 103.35 | |
| 8 | 80.00 | 7107 | K WHITE OFFSET | 17.0 | 5.1 | 32.73 | 27488 | 26560 | | 26560 | 96.62 | |
| 8 | 45.00 | 7121 | B.W. K OFFSET - ANT | 6.9 | 6.4 | 101.19 | 34291 | 34830 | | 34830 | 101.57 | |
| 8 | 50.00 | 7122 | BW K OFFSET - ANTIQ | 3.6 | 3.0 | 93.51 | 16632 | 16180 | | 16180 | 97.24 | |
| 8 | 55.00 | 7123 | BW K OFFSET - ANTIQ | 2.7 | 2.7 | 109.09 | 16009 | 18740 | | 18740 | 117.09 | |
| 8 | 60.00 | 7124 | BW K OFFSET - ANTIQ | | | | | | 1580 | 1580- | | |
| 8 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 8.1 | 7.8 | 105.05 | 33578 | 36800 | | 36800 | 109.60 | |
| 8 | 45.00 | 7201 | RAVENSWOOD OPAQUE | 10.7 | 8.4 | 85.64 | 45006 | 48290 | | 48290 | 107.30 | |
| 8 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 27.4 | 25.6 | 101.92 | 141924 | 144200 | | 144200 | 101.60 | |
| | 41.49 | | MACH TOTAL 1.09091 | 756.7 | 680.1 | 94.05 | 2748453 | 2825635 | 17830 | 2807805 | 102.17 | 100.17 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 99.5 | 93.2 | 102.18 | 400345 | 431670 | 5205 | 426465 | 106.79 | |

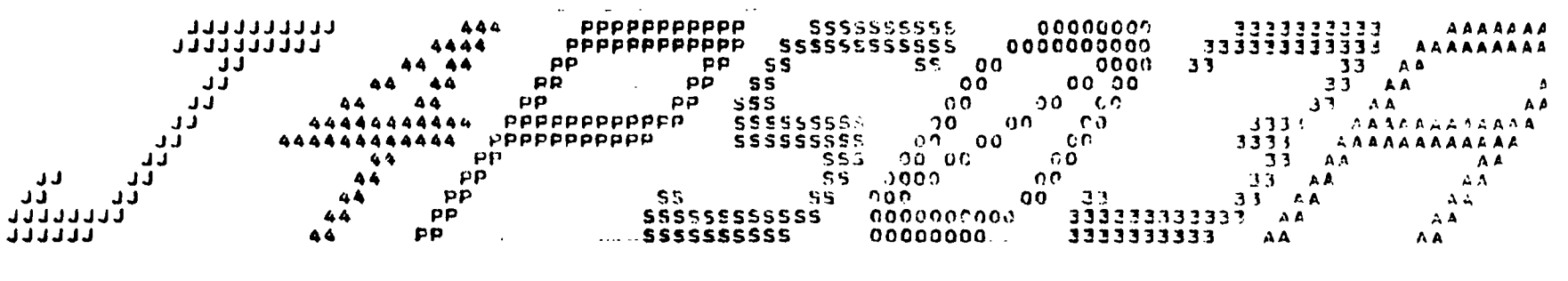
50 054143

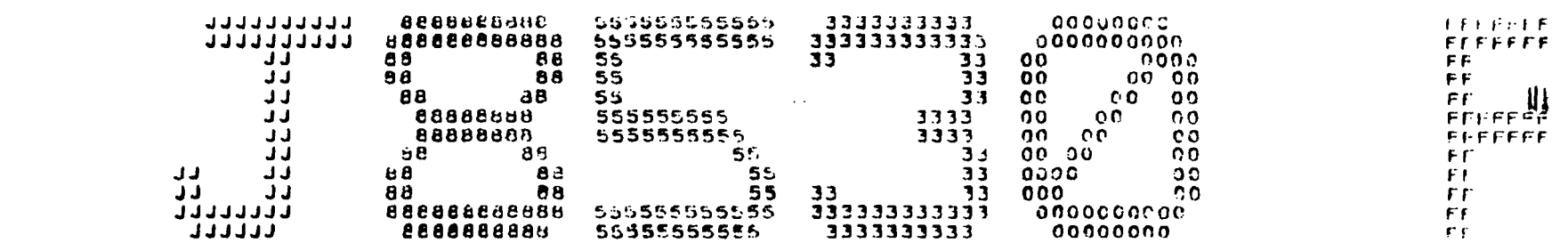
| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-G | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 40.00 | 205 | LAUREL TEXT A.... | 9.7 | 8.8 | 90.97 | 44416 | 47430 | | 47430 | 106.79 | |
| 9 | 68.50 | 258* | CIS MATTE BASE | 8.4 | 7.7 | 100.00 | 38430 | 50540 | | 50540 | 131.51 | |
| 9 | 45.00 | 268 | ALLIED MATTE BLADE | 2.8 | 2.1 | 81.82 | 11445 | 9400 | | 9400 | 82.13 | |
| 9 | 60.00 | 276 | TYPE IV E OT BLADE | 127.7 | 114.2 | 97.56 | 566078 | 644940 | 5973 | 638967 | 112.48 | |
| 9 | 68.50 | 291* | A.P. WALLPAPER BASE | 11.8 | 10.0 | 92.45 | 48504 | 64490 | | 64480 | 132.94 | |
| 9 | 68.50 | 292 | AP WALLPAPER BASE | 11.5 | 10.6 | 100.55 | 51470 | 52470 | | 52470 | 101.94 | |
| 9 | 45.00 | 1000 | G.P. OFFSET | 11.8 | 8.3 | 76.73 | 43335 | 45930 | | 45930 | 105.99 | |
| 9 | 33.00 | 1202 | SPECIAL AM PRIDE | | | | | | | | | |
| 9 | 30.00 | 1203 | A.M. PRIDE | 1.5 | 1.2 | 87.27 | 3445 | 1400 | | 1400 | 40.64 | |
| 9 | 40.00 | 1206 | SPEC A.M. PRIDE | 26.0 | 23.9 | 100.28 | 107789 | 114560 | 2240 | 112320 | 104.20 | |
| 9 | 45.00 | 1207 | A.M. PRIDE | 5.2 | 3.7 | 77.62 | 16606 | 7800 | | 7800 | 46.97 | |
| 9 | 50.00 | 1208 | A.M. PRIDE | 15.2 | 7.3 | 52.39 | 38525 | 38910 | | 38910 | 101.53 | |
| 9 | 30.00 | 1230 | MINIM BIBLE | | | | | | | | | |
| 9 | 30.00 | 1600 | PRIDE OPAQUE | 15.7 | 14.6 | 101.45 | 46240 | 45500 | 1400 | 44100 | 94.37 | |
| 9 | 33.00 | 1603 | ALLIED PRIDE | 8.1 | 7.5 | 101.01 | 25987 | 27470 | 1160 | 26310 | 101.24 | |
| 9 | 35.00 | 1605 | ALLIED PRIDE | 11.4 | 10.2 | 97.61 | 39970 | 43760 | 1130 | 42630 | 106.76 | |
| 9 | 40.00 | 1610 | B# PRIDE OPAQUE | 6.0 | 5.4 | 98.18 | 23247 | 22630 | | 22630 | 97.35 | |
| 9 | 45.00 | 1611 | ALLIED PRIDE | 11.3 | 11.1 | 107.16 | 53379 | 55160 | 1360 | 53800 | 100.79 | |
| 9 | 32.00 | 1633 | B # SPECIAL PRIDE | 41.6 | 37.7 | 98.86 | 132242 | 116440 | | 116440 | 88.05 | |
| 9 | 30.00 | 2240 | LAWYERS WHITE OFFSE | 148.4 | 123.9 | 91.08 | 425169 | 416430 | | 416430 | 97.94 | |
| 9 | 40.00 | 2535 | MANUAL OFFSET | 31.1 | 29.9 | 104.88 | 128718 | 141610 | | 141610 | 110.03 | |
| 9 | 30.00 | 2536 | I B M MANUAL | 12.0 | 11.4 | 103.64 | 57640 | 65520 | | 65520 | 113.67 | |
| 9 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 9.4 | 8.4 | 97.49 | 29735 | 31710 | | 31710 | 106.64 | |
| 9 | 45.00 | 3001 | SUPERIOR OFFSET | 10.4 | 9.8 | 102.50 | 49393 | 55720 | | 55720 | 112.81 | |
| 9 | 60.00 | 6100 | WHITE CAP GUN STOCK | | | | | | 660 | 660- | | |
| 9 | 40.00 | 7100 | K #WHITE OFFSET | 41.2 | 39.0 | 103.27 | 171764 | 189635 | | 189635 | 110.41 | |
| 9 | 50.00 | 7102 | K WHITE OFFSET | 86.6 | 78.0 | 96.04 | 419265 | 406080 | 3780 | 402283 | 95.94 | |
| 9 | 45.00 | 7121 | B.W. K OFFSET - ANT | 16.3 | 16.3 | 109.09 | 74554 | 84970 | | 84970 | 113.92 | |
| 9 | 40.00 | 7200 | RAVENS#OCD OPAQUE | | | | | | | | | |
| 9 | 68.50 | 90294 | SATURATED GRAVURE B | 7.9 | 6.3 | 87.00 | 23364 | 23050 | | 23050 | 81.46 | |
| 9 | 68.50 | 90334 | SATURATED VELLUM BA | 17.5 | 15.0 | 93.51 | 66995 | 71040 | | 71040 | 106.04 | |
| | 44.61 | | MACH SUBTOTAL | 762.4 | 676.5 | 96.80 | 2962607 | 3027125 | 25900 | 3071217 | 103.67 | 100.35 |
| | 69.50 | | *MACH SUBTOTAL | 45.6 | 39.0 | 93.30 | 182293 | 209110 | | 209110 | 114.71 | 107.03 |
| | 46.13 | | MACH TOTAL 1.09091 | 808.0 | 715.5 | 96.60 | 3144900 | 3306235 | 1693 25908 | 3280327 | 104.31 | 100.74 |
| | 39.17 | | MILL D SUBTOTAL | 2336.5 | 2086.3 | 97.41 | 8356009 | 8588500 | 109901 | 8479699 | 101.48 | 98.44 |
| | 68.50 | | *MILL D SUBTOTAL | 45.6 | 39.0 | 93.30 | 182293 | 209110 | | 209110 | 114.71 | 107.03 |
| | 39.87 | | MILL D TOTAL | 2382.1 | 2125.3 | 97.33 | 8538301 | 8797610 | 109901 | 8688809 | 101.74 | 98.8 |
| | 39.22 | | BOOK MILL SUBTOT | 3918.2 | 3532.3 | 98.35 | 14122320 | 14650274 | 130547 | 14459727 | 102.39 | 100.70 |
| | 56.03 | | *BOOK MILL SUBTOT | 71.6 | 64.5 | 98.27 | 281925 | 307430 | | 307430 | 109.05 | 107.16 |
| | 39.57 | | BOOK MILL TOTAL | 3989.8 | 3596.8 | 98.35 | 14404245 | 14957704 | 74 130547 | 14767157 | 102.52 | 100.... |
| 17 | 55.01 | P32 | LAUREL TEXT | 124.8 | 76.1 | 69.69 | 666323 | 520630 | 3790 | 516930 | 89.... | |

SD 954144

REPORT: R4PS7616 S C M A L L I E D P A P E R I N C. PAGE 4
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
RUN TIME: 092419 PRODUCTION EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| | BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | 60.00 | 805 | LAUREL TEXT | 7.1 | 5.4 | 86.92 | 51907 | 55255 | | 55255 | 1[illegible].33 | |
| 17 | 80.00 | 858* | CIS MATTE | 6.3 | 6.0 | 108.84 | 49351 | 46020 | | 46020 | 93.25 | |
| 17 | 60.00 | 858 | ALLIED MATTE | 6.7 | 6.2 | 105.76 | 65094 | 47690 | 800 | 46890 | 72.03 | |
| 17 | 90.00 | 871* | MASTERBASE TYPE V L | 8.8 | 6.6 | 85.71 | 22925 | 34470 | | 34470 | 150.35 | |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV | 160.6 | 132.5 | 94.29 | 571702 | 613975 | 25492 | 588483 | 102.94 | |
| 17 | 78.00 | 876* | MASTER BASE TYPE IV | | | | | | 1500 | 1500- | | |
| 17 | 87.50 | 831* | MASTERBASE TYPE IV | 5.4 | 4.2 | 88.89 | 21053 | 26548 | 2400 | 24148 | 114.67 | |
| | 67.98 | | BLADE SUBTOTAL | 299.2 | 220.2 | 84.11 | 1375006 | 1337540 | 30082 | 1307458 | 96.02 | 79.97 |
| | 85.08 | | *BLADE SUBTOTAL | 20.5 | 16.8 | 93.65 | 93334 | 107038 | 3900 | 103138 | 110.50 | 103.5[illegible] |
| | 69.25 | | BLADE COATER1.14286 | 319.7 | 237.0 | 84.72 | 1468420 | 1444578 | 33982 | 1410596 | 96.06 | 81.39 |
| | 41.63 | | GRAND SUBTOTAL | 4217.4 | 3752.5 | 97.34 | 15497406 | 15987814 | 220629 | 15767185 | 101.74 | 99.03 |
| | 63.53 | | *GRAND SUBTOTAL | 92.1 | 81.3 | 97.25 | 375259 | 414468 | 3900 | 410568 | 109.41 | 106.40 |
| | 42.18 | | GRAND TOTAL | 4309.5 | 3833.8 | 97.33 | 15872665 | 16402282 | 224529 | 16177753 | 101.92 | 99.31 |





```
*F  END  JOB 8530 J4PS03A4 0003 0001 KAL      KAL                ROOM        9.14.43 AM 03 OCT 84  RIC1.PR1
*F  END  JOB 8530 J4PS03A4 0003 0001 KAL      KAL                ROOM        9.14.43 AM 03 OCT 84  RIC1.PR1
*F  END  JOB 8530 J4PS03A4 0003 0001 KAL      KAL                ROOM        9.14.43 AM 03 OCT 84  RIC1.PR1
```

PROGRAM: N4PS721C  S C M  A L L I E D  P A P E R  I N C.  PAGE 1
RUN DATE: 10/03/94  DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1994

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1226 | CUSTOM OFFSET | 640 | 650 | 4 | 40930 | 101.56 |
| | | | 640 | 680 | 1 | 3870 | 106.25 |
| | | | | 653 | 5 | 44800 | 101.97 |
| | 1400 | C/W BRITISH OPAQUE - SERVICE OF | 680 | 700 | 8 | 100710 | 102.94 |
| | | | 680 | 740 | 9 | 109760 | 108.82 |
| | | | | 721 | 17 | 210470 | 106.01 |
| | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 660 | 640 | 1 | 22690 | 96.96 |
| | | | 660 | 740 | 2 | 30640 | 112.12 |
| | | | | 697 | 3 | 53320 | 105.67 |
| | 1833 | C/W SPECIAL PRIDE | 570 | 630 | 5 | 93110 | 110.52 |
| | | | | 630 | 5 | 93110 | 110.52 |
| | 2121 | BRITISH OPAQUE | 640 | 720 | 1 | 5120 | 112.50 |
| | | | 640 | 740 | 2 | 33920 | 115.62 |
| | | | | 737 | 3 | 39040 | 115.21 |
| | 2210 | C/W IMPERIAL BIBLE | 670 | 740 | 2 | 12180 | 110.44 |
| | | | | 740 | 2 | 12180 | 110.44 |
| | 2240 | LAWYERS WHITE OFFSET | 630 | 650 | 6 | 91160 | 103.17 |
| | | | 630 | 700 | 6 | 128170 | 111.11 |
| | | | | 679 | 12 | 219330 | 107.81 |
| | 2501 | SOLITUDE OPAQUE | 660 | 700 | 2 | 36230 | 106.06 |
| | | | | 700 | 2 | 36230 | 106.06 |
| | 2504 | SOLITUDE OPAQUE | 670 | 620 | 2 | 34570 | 102.77 |
| | | | | 620 | 2 | 34570 | 102.77 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 680 | 700 | 21 | 250600 | 102.94 |
| | | | 680 | 724 | 1 | 15880 | 106.47 |
| | | | 680 | 730 | 17 | 229600 | 107.35 |
| | | | 680 | 740 | 27 | 354280 | 108.82 |
| | | | | 725 | 66 | 849930 | 106.65 |
| | 2542 | A P LIGHT WEIGHT | 680 | 740 | 4 | 29720 | 108.82 |
| | | | | 740 | 4 | 29720 | 108.82 |
| | 2543 | A.P. LIGHTWEIGHT | 650 | 720 | 5 | 22740 | 110.76 |
| | | | 650 | 730 | 1 | 23340 | 112.30 |
| | | | | 724 | 4 | 53080 | 111.44 |
| | | | | 708 | 125 | 1675780 | 107.23 |

PROGRAM: N4P57210 S C M A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1100 | LW RAMTEXT HE& SHADE EB | 770 | 750 | 3 | 94530 | 97.40 |
| | | | 770 | 760 | 2 | 132010 | 98.70 |
| | | | 770 | 780 | 18 | 591370 | 101.29 |
| | | | | 773 | 26 | 817910 | 100.42 |
| | 1206 | SPEC A.M. PRIDE | 750 | 780 | 2 | 51800 | 104.00 |
| | | | | 780 | 2 | 51800 | 104.00 |
| | 1207 | A.M. PRIDE | 740 | 770 | 1 | 275790 | 104.05 |
| | | | 740 | 780 | 4 | 227500 | 105.40 |
| | | | | 774 | 18 | 507290 | 104.66 |
| | 1208 | A.M. PRIDE | 730 | 750 | 1 | 87240 | 102.73 |
| | | | 730 | 760 | 4 | 96250 | 104.10 |
| | | | | 755 | 7 | 183590 | 103.45 |
| | 1210 | GENERIC OFFSET | 680 | 690 | 1 | 38870 | 100.59 |
| | | | | 690 | 2 | 38870 | 100.59 |
| | 2507 | SOLITUDE OPAQUE | 730 | 730 | 2 | 45000 | 100.00 |
| | | | | 730 | 2 | 45000 | 100.00 |
| | 2535 | MANUAL OFFSET | 750 | 780 | 2 | 46880 | 104.00 |
| | | | | 780 | 2 | 46880 | 104.00 |
| | 2536 | I S M MANUAL | 730 | 750 | 3 | 42620 | 102.73 |
| | | | 730 | 760 | 8 | 168960 | 104.11 |
| | | | | 758 | 11 | 211180 | 103.59 |
| | 2900 | DICKENS OFFSET | 710 | 700 | 1 | 17810 | 98.59 |
| | | | 710 | 720 | 1 | 22280 | 101.40 |
| | | | 710 | 730 | 1 | 5600 | 102.81 |
| | | | | 713 | 3 | 45690 | 100.48 |
| | 3000 | SUPERIOR OFFSET | 540 | 600 | 2 | 110100 | 111.11 |
| | | | | 600 | 2 | 110100 | 111.11 |
| | 3400 | END LEAF OFFSET - HI OPAQUE | 470 | 520 | 1 | 37540 | 110.63 |
| | | | | 520 | 1 | 37240 | 110.63 |
| | 7100 | K WHITE OFFSET | 750 | 780 | 1 | 15600 | 104.00 |
| | | | | 780 | 1 | 16600 | 104.00 |
| | 7101 | K WHITE OFFSET | 740 | 760 | 4 | 79110 | 102.70 |
| | | | 740 | 770 | 4 | 75640 | 104.05 |
| | | | | 765 | 8 | 155050 | 103.36 |
| | 7102 | K WHITE OFFSET | 730 | 740 | 2 | 53420 | 101.36 |
| | | | 730 | 750 | 6 | 149190 | 102.73 |

PROGRAM: N4P07210 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 730 | 760 | 18 | 681814 | 104.10 |
| | | | 730 | 770 | 5 | 139920 | 105.47 |
| | | | | 759 | 31 | 1023344 | 103.94 |
| | 7103 | K WHITE OFFSET | 710 | 660 | 1 | 9780 | 92.95 |
| | | | --- | 660 | 1 | 9780 | 92.95 |
| | 7104 | K WHITE OFFSET | 630 | 640 | 1 | 37120 | 101.58 |
| | | | 630 | 660 | [illegible] | 202910 | 104.76 |
| | | | 630 | 670 | 1 | 32290 | 106.34 |
| | | | 630 | 680 | 3 | 53220 | 107.93 |
| | | | 630 | 700 | 3 | 28690 | 111.11 |
| | | | | 665 | 13 | 354230 | 105.56 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 740 | 770 | 1 | 23880 | 104.05 |
| | | | | 770 | 1 | 23880 | 104.05 |
| | 7122 | BW K OFFSET - ANTIQUE | 730 | 730 | 2 | 49960 | 100.00 |
| | | | 730 | 750 | 2 | 52440 | 102.73 |
| | | | 730 | 760 | 1 | 9200 | 104.10 |
| | | | 730 | 770 | 1 | 30900 | 105.47 |
| | | | | 748 | 6 | 142500 | 102.46 |
| | 7123 | BW K OFFSET - ANTIQUE | 710 | 730 | 2 | 66180 | 102.81 |
| | | | 710 | 750 | 1 | 15460 | 105.63 |
| | | | - | 734 | 3 | 81640 | 103.34 |
| | 7125 | BW K OFFSET - ANTIQUE | 540 | 600 | 2 | 38530 | 111.11 |
| | | | | 600 | 2 | 38530 | 111.11 |
| | 9001 | DUPONT PAPER (BLUE) | 650 | 690 | 15 | 444190 | 106.15 |
| | | | | 690 | 15 | 444190 | 106.15 |
| | 9010 | BLUE GREEN DUPONT PAPER | 650 | 670 | 1 | 27700 | 103.07 |
| | | | 650 | 675 | 1 | | 103.84 |
| | | | 650 | 690 | 3 | 70620 | 106.15 |
| | | | | 684 | 5 | 98320 | 105.28 |
| | | | | 738 | 162 | 4464314 | 103.70 |

PROGRAM: N4P57210 C C M A L L I E D P A P E R I N C. PAGE 4
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 203 | LAUREL TEXT - RS | 740 | 750 | 6 | 153100 | 101.35 |
| | | | 740 | 770 | 1 | 36200 | 104.05 |
| | | | | 754 | 7 | 189300 | 101.87 |
| | 1203 | A.M. PRIDE | 750 | 780 | 2 | 14500 | 104.00 |
| | | | | 780 | 2 | 14500 | 104.00 |
| | 1206 | SPEC A.M. PRIDE | 740 | 780 | [illegible] | 69400 | 105.40 |
| | | | | 780 | 3 | 69400 | 105.40 |
| | 2203 | IMPERIAL BIBLE | 750 | 780 | 2 | 14670 | 104.00 |
| | | | | 780 | 2 | 14670 | 104.00 |
| | 2204 | IMPERIAL BIBLE | 750 | 750 | 1 | 7480 | 100.00 |
| | | | 750 | 780 | 1 | 24450 | 104.00 |
| | | | | 773 | 2 | 31930 | 103.06 |
| | 2210 | C W IMPERIAL BIBLE | 740 | 770 | 15 | 235550 | 104.05 |
| | | | | 770 | 15 | 235550 | 104.05 |
| | 2240 | LAWYERS WHITE OFFSET | 750 | 780 | 10 | 239990 | 104.00 |
| | | | | 780 | 10 | 239990 | 104.00 |
| | 2503 | SOLITUDE OPAQUE | 750 | 760 | 1 | 28000 | 101.33 |
| | | | 750 | 770 | 5 | 97550 | 102.65 |
| | | | 750 | 780 | 12 | 241930 | 104.00 |
| | | | | 776 | 18 | 367480 | 103.44 |
| | 2513 | IBM SUPERIOR OFFSET | 740 | 780 | 7 | 180960 | 105.40 |
| | | | | 780 | 7 | 180960 | 105.40 |
| | 2522 | SPECIAL SOLITUDE OPAQUE | 750 | 780 | 3 | 72480 | 104.00 |
| | | | | 780 | 3 | 72480 | 104.00 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 710 | 740 | 3 | 38860 | 104.22 |
| | | | 710 | 750 | 16 | 285270 | 105.63 |
| | | | 710 | 760 | 6 | 114130 | 107.04 |
| | | | | 752 | 27 | 438260 | 105.87 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 770 | 4 | 67430 | 102.67 |
| | | | 750 | 780 | 23 | 595070 | 104.00 |
| | | | 750 | 790 | 2 | 39420 | 105.33 |
| | | | | 780 | 29 | 701920 | 103.95 |
| | 7100 | K WHITE OFFSET | 740 | 780 | 2 | 40520 | 105.40 |
| | | | | 780 | 2 | 40520 | 105.40 |
| | 7102 | K WHITE OFFSET | 680 | 740 | 1 | 31110 | 108.82 |
| | | | 680 | 760 | 1 | 37670 | 111.76 |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE [illegible]
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 751 | 2 | 68780 | 11[illegible].4[illegible] |
| | | | | 771 | 12[illegible] | 2665740 | 104.3[illegible] |

PROGRAM: N4P57210 S C M A L L I E D P A P I R I N C. PAGE 6
RUN DATE: 10/03/94 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1994

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 1250 | A.M. PRICE | 750 | 760 | 2 | 44280 | 101.33 |
| | | | | 760 | 2 | 44280 | 101.33 |
| | 2507 | SOLITUDE OPAQUE | 750 | 710 | 1 | 42350 | 94.66 |
| | | | 750 | 730 | 4 | 99040 | 97.33 |
| | | | | 724 | 5 | 141350 | 96.53 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 720 | 1 | 6560 | 96.00 |
| | | | 750 | 760 | 2 | 49820 | 101.33 |
| | | | 750 | 770 | 4 | 74640 | 102.66 |
| | | | 750 | 780 | 50 | 1103230 | 104.00 |
| | | | | 778 | 57 | 1234250 | 103.77 |
| | 3030 | WHITE DOCKLITE | 750 | 680 | 8 | 203430 | 90.66 |
| | | | | 680 | 9 | 208430 | 90.66 |
| | 7100 | K WHITE OFFSET | 750 | 740 | 3 | 66020 | 98.66 |
| | | | 750 | 780 | 2 | 39630 | 104.00 |
| | | | | 759 | 5 | 98650 | 101.13 |
| | 7101 | K WHITE OFFSET | 750 | 680 | 2 | 21522 | 90.66 |
| | | | 750 | 710 | 1 | 16605 | 94.66 |
| | | | 750 | 760 | 2 | 59070 | 101.33 |
| | | | | 734 | 6 | 97195 | 97.93 |
| | 7102 | K WHITE OFFSET | 750 | 680 | 2 | 19560 | 90.66 |
| | | | 750 | 700 | 9 | 90750 | 93.33 |
| | | | 750 | 720 | 1 | 5200 | 96.00 |
| | | | 750 | 730 | 4 | 127010 | 97.33 |
| | | | 750 | 750 | 1 | 13800 | 100.00 |
| | | | | 717 | 17 | 252440 | 95.60 |
| | 7103 | K WHITE OFFSET | 670 | 690 | 2 | 19640 | 102.98 |
| | | | | 690 | 2 | 19640 | 102.98 |
| | 7104 | K WHITE OFFSET | 620 | 630 | 2 | 33600 | 101.61 |
| | | | 620 | 650 | 11 | 204910 | 104.83 |
| | | | | 647 | 13 | 238710 | 104.37 |
| | 7105 | K WHITE OFFSET | 530 | 550 | 2 | 60470 | 103.77 |
| | | | 530 | 570 | 3 | 117590 | 107.54 |
| | | | | 563 | 5 | 178060 | 106.26 |
| | 7107 | K WHITE OFFSET | 460 | 450 | 1 | 3760 | 97.82 |
| | | | 460 | 460 | 3 | 22800 | 100.00 |
| | | | | 459 | 4 | 26560 | 99.69 |
| | 7121 | D.W. K OFFSET - ANTIQUE | 750 | 750 | 1 | 34530 | 100.00 |
| | | | | 750 | 2 | 34830 | 100.00 |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 7
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7122 | BW K OFFSET - ANTIQUE | 750 | 750 | 1 | 15130 | 100.00 |
| | | | | 750 | 1 | 15180 | 100.00 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | 700 | 1 | 18740 | 104.47 |
| | | | -- | 700 | 1 | 18740 | 104.47 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | 740 | 1 | 34720 | 98.66 |
| | | | 750 | 770 | 1 | 2080 | 102.66 |
| | | | | 742 | 2 | 36800 | 98.89 |
| | 7201 | RAVENSWOOD OPAQUE | 750 | 760 | 3 | 48290 | 101.33 |
| | | | | 760 | 3 | 48290 | 101.33 |
| | 7202 | RAVENSWOOD OPAQUE | 750 | 750 | 3 | 89590 | 100.00 |
| | | | 750 | 760 | 3 | 54610 | 101.33 |
| | | | | 754 | 3 | 144200 | 100.50 |
| | | | | 729 | 140 | 2025635 | 101.22 |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 8
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 750 | 740 | 4 | 100420 | 9[illegible].6[illegible] |
| | | | 750 | 750 | 7 | 145230 | 100.0[illegible] |
| | | | 750 | 760 | 7 | 134400 | 101.3[illegible] |
| | | | 750 | 770 | 3 | 51620 | 102.6[illegible] |
| | | | | 753 | 21 | 431670 | 100.42 |
| | 205 | LAUREL TEXT R.S. | 720 | 740 | 2 | 47430 | 102.77 |
| | | | | 740 | 3 | 47430 | 102.77 |
| | 266 | CIS MATTE BASE | 450 | 560 | 1 | 2750 | 124.44 |
| | | | 450 | 580 | 1 | 47790 | 128.8[illegible] |
| | | | | 579 | 2 | 50540 | 128.64 |
| | 268 | ALLIED MATTE BLADE BASE | 730 | 560 | 1 | 9400 | 76.71 |
| | | | | 560 | 1 | 9400 | 76.71 |
| | 276 | TYPE IV & DT BLADE BASE | 500 | 520 | 1 | 7[illegible]6 | 104.[illegible] |
| | | | 500 | 530 | 5 | 112490 | 106.0[illegible] |
| | | | 500 | 540 | 5 | 158430 | 108.00 |
| | | | 500 | 550 | 6 | 196100 | 110.0[illegible] |
| | | | 500 | 560 | 5 | 180090 | 112.0[illegible] |
| | | | | 546 | 20 | 644940 | 109.3[illegible] |
| | 291 | A.P. WALLPAPER BASE | 450 | 450 | 1 | 18[illegible]70 | 100.0[illegible] |
| | | | 450 | 460 | 1 | 2740 | 102.22 |
| | | | 460 | 480 | 2 | 43170 | 106.66 |
| | | | | 471 | 4 | 64480 | 104.55 |
| | 292 | AP WALLPAPER BASE | 450 | 460 | 1 | 9[illegible]70 | 102.2[illegible] |
| | | | 450 | 480 | 2 | 42900 | 106.6[illegible] |
| | | | | 476 | 3 | 52470 | 105.8[illegible] |
| | 1000 | U.P. OFFSET | 730 | 750 | 2 | 4[illegible]930 | 102.7[illegible] |
| | | | | 750 | 2 | 45930 | 102.73 |
| | 1203 | A.M. PRIDE | 740 | 750 | 1 | 1400 | 101.3[illegible] |
| | | | | 750 | 1 | 1400 | 101.3[illegible] |
| | 1206 | SPEC A.M. PRIDE | 750 | 770 | 4 | 114560 | 102.6[illegible] |
| | | | | 770 | 4 | 114560 | 102.66 |
| | 1207 | A.M. PRIDE | 730 | 750 | 1 | 7500 | 102.73 |
| | | | 730 | 770 | 2 | | 105.47 |
| | | | | 750 | 3 | 7800 | 102.73 |
| | 1208 | A.M. PRIDE | 710 | 710 | 2 | 15540 | 100.0[illegible] |
| | | | 710 | 760 | 2 | 23370 | 107.04 |
| | | | | 740 | 4 | 39910 | 104.23 |

85154

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 9
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 1800 | PRIDE OPAQUE | 740 | 760 | 3 | 45500 | 102.70 |
| | | | | 760 | 3 | 45500 | 102.70 |
| | 1803 | ALLIED PRIDE | 740 | 760 | 2 | 27470 | 102.70 |
| | | | | 760 | 2 | 27470 | 102.70 |
| | 1805 | ALLIED PRIDE | 750 | 750 | 3 | 43760 | 100.00 |
| | | | | 750 | 3 | 43760 | 100.00 |
| | 1810 | B4 PRIDE OPAQUE | 750 | 750 | 3 | 22630 | 100.00 |
| | | | | 750 | 3 | 22630 | 100.00 |
| | 1815 | ALLIED PRIDE | 730 | 750 | 2 | 55160 | 102.73 |
| | | | | 750 | 2 | 55160 | 102.73 |
| | 1833 | B W SPECIAL PRIDE | 740 | 760 | 3 | 41090 | 102.70 |
| | | | 740 | 770 | 4 | 75350 | 104.05 |
| | | | | 766 | 7 | 116440 | 103.57 |
| | 2240 | LAWYERS WHITE OFFSET | 740 | 760 | 22 | 381580 | 102.70 |
| | | | 740 | 785 | 2 | 34850 | 106.08 |
| | | | | 762 | 24 | 416430 | 102.98 |
| | 2535 | MANUAL OFFSET | 750 | 750 | 3 | 93030 | 100.00 |
| | | | 750 | 770 | 3 | 48580 | 102.66 |
| | | | | 757 | 6 | 141610 | 100.91 |
| | 2536 | I B M MANUAL | 710 | 740 | 3 | 65520 | 104.22 |
| | | | | 740 | 3 | 65520 | 104.22 |
| | 2545 | A.P. LIGHTWEIGHT | 750 | 770 | 2 | 31710 | 102.66 |
| | | | | 770 | 2 | 31710 | 102.66 |
| | 3001 | SUPERIOR OFFSET | 730 | 740 | 2 | 24120 | 101.36 |
| | | | 730 | 760 | 1 | 31600 | 104.10 |
| | | | | 751 | 3 | 55720 | 102.91 |
| | 7100 | K WHITE OFFSET | 750 | 740 | 2 | 12395 | 98.65 |
| | | | 750 | 760 | 4 | 56280 | 101.33 |
| | | | 750 | 770 | 5 | 120460 | 102.55 |
| | | | | 765 | 11 | 189635 | 101.99 |
| | 7102 | K WHITE OFFSET | 710 | 675 | 1 | 11550 | 95.07 |
| | | | 710 | 710 | 10 | 187770 | 100.00 |
| | | | 710 | 740 | 5 | 86060 | 104.22 |
| | | | 710 | 750 | 4 | 120880 | 105.63 |
| | | | | 727 | 20 | 406060 | 102.43 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 730 | 740 | 1 | 44460 | 101.36 |

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 10
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 730 | 770 | 2 | 40510 | 105.47 |
| | | | | 754 | 3 | 64970 | 103.32 |
| | 9029 | SATURATED GRAVURE BASE | 450 | 450 | 2 | 23050 | 100.00 |
| | | | | 450 | 2 | 23050 | 100.00 |
| | 9030 | SATURATED VELLUM BASE | 450 | 460 | 4 | 71040 | 102.22 |
| | | | | 460 | 4 | 71040 | 102.22 |
| | | | | 691 | 166 | 3306225 | 104.09 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1300 | 1130 | 1 | 10990 | 86.92 |
| | | | 1300 | 1186 | 1 | 20430 | 91.23 |
| | | | 1300 | 1200 | 3 | 59714 | 92.30 |
| | | | 1300 | 1223 | 2 | 35853 | 94.07 |
| | | | 1300 | 1228 | 1 | 57680 | 94.46 |
| | | | 1300 | 1237 | 1 | 30131 | 95.15 |
| | | | 1300 | 1250 | 5 | 119841 | 96.15 |
| | | | 1300 | 1300 | 12 | 266021 | 100.00 |
| | | | | 1260 | 31 | 620620 | 95.90 |
| | 805 | LAUREL TEXT | 1250 | 1200 | 1 | 10800 | 96.00 |
| | | | 1250 | 1300 | 2 | 44455 | 104.00 |
| | | | | 1280 | 3 | 55255 | 102.44 |
| | 858 | CIS MATTE | 700 | 750 | 2 | 46020 | 107.14 |
| | | | | 750 | 2 | 46020 | 107.14 |
| | 866 | ALLIED MATTE | 1150 | 1200 | 1 | 17570 | 104.34 |
| | | | 1150 | 1300 | 1 | 10120 | 113.04 |
| | | | | 1221 | 2 | 47690 | 106.19 |
| | 871 | MASTERBASE TYPE V ETHW-S | 350 | 700 | 3 | 34470 | 200.00 |
| | | | | 700 | 3 | 34470 | 200.00 |
| | 876 | MASTERBASE TYPE IV DT | 345 | 350 | 2 | 35506 | 101.44 |
| | | | 345 | 360 | 2 | 43073 | 104.34 |
| | | | 345 | 370 | 2 | 35462 | 107.24 |
| | | | 345 | 380 | 1 | 13520 | 110.14 |
| | | | 345 | 388 | 1 | 4000 | 112.46 |
| | | | 345 | 389 | 1 | 21405 | 112.75 |
| | | | 345 | 400 | 10 | 315013 | 115.94 |
| | | | 345 | 401 | 1 | 20430 | 116.23 |
| | | | 345 | 405 | 3 | 31740 | 117.39 |
| | | | 345 | 416 | 1 | 31375 | 120.57 |
| | | | 345 | 420 | 1 | 41613 | 121.73 |
| | | | 345 | 457 | 1 | 15738 | 132.44 |
| | | | | 395 | 26 | 613975 | 114.59 |
| | 881 | MASTERBASE TYPE IV T | 400 | 430 | 1 | 3040 | 107.50 |
| | | | 400 | 477 | 1 | 22668 | 119.25 |
| | | | | 470 | 2 | 26548 | 117.53 |
| | | | | 348 | 59 | 1444576 | 105.10 |

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCES | QUANTITY | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 1226 | CUSTOM OFFSET | 116 | 112 | 3 | 22820 | 96.59 |
| | | | 116 | 98 | 2 | 21920 | 84.44 |
| | | | | 105 | 5 | 44800 | 90.65 |
| | 1400 | CW BRITISH OPAQUE - SERVICE OF | 112 | 114 | 17 | 210470 | 101.78 |
| | | | | 114 | 17 | 210470 | 101.78 |
| | 1401 | BRITISH OPAQUE - SERVICE OFFSE | 116 | 114 | 3 | 53370 | 98.27 |
| | | | | 114 | 3 | 53370 | 98.27 |
| | 1533 | B & A SPECIAL PRIDE | 105 | 105 | 1 | 93110 | 100.00 |
| | | | | 105 | 5 | 93110 | 100.00 |
| | 2101 | BRITISH OPAQUE | 121 | 112 | 3 | 39040 | 92.56 |
| | | | | 112 | 3 | 39040 | 92.56 |
| | 2210 | C W IMPERIAL FINISH | 96 | 102 | 2 | 12180 | 106.25 |
| | | | | 102 | 2 | 12180 | 106.25 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 110 | 8 | 160300 | 100.00 |
| | | | 110 | 108 | 4 | 59130 | 98.18 |
| | | | | 109 | 12 | 219330 | 99.21 |
| | 2501 | SOLITUDE OPAQUE | 105 | 98 | 2 | 36230 | 93.33 |
| | | | | 98 | 2 | 36230 | 93.33 |
| | 2504 | SOLITUDE OPAQUE | 110 | 105 | 2 | 34570 | 95.45 |
| | | | | 105 | 2 | 34570 | 95.45 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 116 | 108 | 1 | 13790 | 93.10 |
| | | | 116 | 105 | 57 | 734470 | 90.51 |
| | | | 116 | 102 | 8 | 101670 | 87.93 |
| | | | | 105 | 66 | 849930 | 90.24 |
| | 2542 | A P LIGHT WEIGHT | 105 | 111 | 2 | 17940 | 105.71 |
| | | | 105 | 110 | 2 | 11790 | 104.76 |
| | | | | 111 | 4 | 29720 | 105.33 |
| | 2549 | A.P. LIGHTWEIGHT | 110 | 110 | 4 | 53080 | 100.00 |
| | | | | 110 | 4 | 53080 | 100.00 |
| | | | | 107 | 125 | 1674780 | 94.63 |

SD 054159

PROGRAM: N4P57410 S C N A L L I E D P A P E R I N C. PAGE 2
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1100 | SW RAMTEXT NEW SHADE EB | 139 | 158 | 1 | 15070 | 114.46 |
| | | | 138 | 138 | 35 | 782840 | 100.00 |
| | | | | 139 | 26 | 817910 | 100.62 |
| | 1206 | SPEC A.M. PRIDE | 142 | 140 | 2 | 51800 | 98.59 |
| | | | | 140 | 2 | 51600 | 98.59 |
| | 1207 | A.M. PRIDE | 142 | 144 | 5 | 244080 | 101.47 |
| | | | 142 | 142 | 3 | 25550 | 100.00 |
| | | | 142 | 140 | 7 | 123820 | 98.59 |
| | | | 142 | 138 | 3 | 113840 | 97.19 |
| | | | | 142 | 18 | 507290 | 99.70 |
| | 1208 | A.M. PRIDE | 148 | 142 | 6 | 174040 | 95.96 |
| | | | 148 | 133 | 1 | 9550 | 89.85 |
| | | | | 142 | 7 | 183590 | 95.62 |
| | 1210 | GENERIC OFFSET | 142 | 142 | 1 | 30310 | 100.00 |
| | | | 142 | 140 | 1 | 8860 | 98.59 |
| | | | | 142 | 2 | 38870 | 99.66 |
| | 2507 | SOLITUDE OPAQUE | 140 | 139 | 2 | 45000 | 99.29 |
| | | | | 139 | 2 | 45000 | 99.29 |
| | 2535 | MANUAL OFFSET | 140 | 140 | 2 | 46980 | 100.00 |
| | | | | 140 | 2 | 46980 | 100.00 |
| | 2536 | I C M MANUAL | 142 | 142 | 1 | 5360 | 100.00 |
| | | | 142 | 140 | 6 | 138890 | 98.59 |
| | | | 142 | 134 | 2 | 37260 | 94.36 |
| | | | 142 | 123 | 2 | 29680 | 86.61 |
| | | | | 137 | 11 | 211180 | 96.20 |
| | 2903 | DICKENS OFFSET | 140 | 140 | 3 | 45690 | 100.00 |
| | | | | 140 | 3 | 45690 | 100.00 |
| | 3005 | SUPERIOR OFFSET | 142 | 125 | 2 | 110100 | 88.02 |
| | | | | 125 | 2 | 110100 | 88.02 |
| | 3400 | 2ND LEAF OFFSET - HI OPAQUE | 142 | 140 | 1 | 37440 | 98.59 |
| | | | | 140 | 1 | 37940 | 98.59 |
| | 7100 | N WHITE OFFSET | 142 | 139 | 1 | 16600 | 97.88 |
| | | | | 139 | 1 | 16600 | 97.88 |
| | 7101 | N WHITE OFFSET | 142 | 143 | 1 | 17630 | 100.70 |
| | | | 142 | 140 | 2 | 55150 | 98.59 |
| | | | 142 | 137 | 1 | 41220 | 96.47 |
| | | | 142 | 136 | 2 | 29450 | 95.77 |

85159

PROGRAM: N4PS741C  SCM ALLIED PAPER INC.  PAGE 3
RUN DATE: 10/03/84  DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 142 | 135 | 2 | 20400 | 95.07 |
| | | | | 138 | 8 | 155050 | 97.43 |
| | 7102 | K WHITE OFFSET | 142 | 148 | 1 | 9760 | 104.22 |
| | | | 142 | 147 | 1 | 13750 | 103.52 |
| | | | 142 | 146 | 2 | 76140 | 102.81 |
| | | | 142 | 145 | 4 | 122550 | 102.11 |
| | | | 142 | 143 | 1 | 23000 | 100.70 |
| | | | 142 | 140 | 7 | 130940 | 98.59 |
| | | | 142 | 138 | 3 | 42270 | 97.19 |
| | | | 142 | 136 | 5 | 111464 | 95.77 |
| | | | 142 | 134 | 2 | 20250 | 94.36 |
| | | | 142 | 130 | 7 | 323130 | 91.54 |
| | | | | 137 | 31 | 1023344 | 96.89 |
| | 7103 | K WHITE OFFSET | 142 | 137 | 1 | 9760 | 96.47 |
| | | | | 137 | 1 | 9760 | 96.47 |
| | 7104 | K WHITE OFFSET | 142 | 145 | 2 | 17250 | 102.11 |
| | | | 142 | 142 | 4 | 191660 | 100.00 |
| | | | 142 | 140 | 2 | 38080 | 98.59 |
| | | | 142 | 138 | 2 | 23080 | 97.19 |
| | | | 142 | 136 | 2 | 69410 | 95.77 |
| | | | 142 | 125 | 1 | 14750 | 88.03 |
| | | | | 140 | 13 | 354230 | 98.44 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 142 | 139 | 1 | 23840 | 97.85 |
| | | | | 139 | 1 | 23840 | 97.85 |
| | 7122 | BW K OFFSET - ANTIQUE | 142 | 140 | 4 | 102400 | 98.59 |
| | | | 142 | 139 | 1 | 9200 | 97.89 |
| | | | 142 | 138 | 1 | 30000 | 97.19 |
| | | | | 140 | 6 | 142500 | 98.24 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 132 | 3 | 81640 | 92.95 |
| | | | | 132 | 3 | 81640 | 92.95 |
| | 7125 | BW K OFFSET - ANTIQUE | 142 | 147 | 1 | 18330 | 103.52 |
| | | | 142 | 124 | 1 | 20000 | 87.32 |
| | | | | 135 | 2 | 38330 | 95.12 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 14 | 442990 | 100.00 |
| | | | 148 | 147 | 1 | 1200 | 99.32 |
| | | | | 148 | 15 | 444190 | 100.00 |
| | 9010 | BLUE GREEN DUPONT PAPER | 148 | 148 | 5 | 98320 | 100.00 |
| | | | | 148 | 5 | 98320 | 100.00 |
| | | | | 140 | 152 | 4484314 | 99.20 |

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 203 | LAUREL TEXT - RS | 126 | 126 | 2 | 41060 | 100.0 |
| | | | 126 | 122 | 5 | 148240 | 96.83 |
| | | | | 123 | 7 | 189300 | 97.61 |
| | 1203 | A.M. PRIDE | 128 | 122 | 2 | 14500 | 95.31 |
| | | | | 122 | 2 | 14500 | 95.31 |
| | 1206 | SPEC A.M. PRIDE | 138 | 123 | 3 | 69400 | 89.13 |
| | | | | 123 | 3 | 69400 | 89.13 |
| | 2203 | IMPERIAL BIBLE | 134 | 131 | 2 | 14670 | 97.76 |
| | | | | 131 | 2 | 14670 | 97.76 |
| | 2204 | IMPERIAL BIBLE | 134 | 137 | 2 | 31930 | 102.23 |
| | | | | 137 | 2 | 31930 | 102.23 |
| | 2210 | C W IMPERIAL BIBLE | 128 | 136 | 9 | 153210 | 106.25 |
| | | | 128 | 128 | 6 | 82340 | 100.00 |
| | | | | 133 | 15 | 235550 | 104.07 |
| | 2240 | LAWYERS WHITE OFFSET | 136 | 120 | 10 | 239990 | 88.23 |
| | | | | 120 | 10 | 239990 | 88.23 |
| | 2503 | SOLITUDE OPAQUE | 134 | 131 | 7 | 130410 | 97.76 |
| | | | 134 | 128 | 4 | 79900 | 95.52 |
| | | | 134 | 125 | 1 | 22840 | 93.28 |
| | | | 134 | 124 | 6 | 133030 | 92.55 |
| | | | | 127 | 18 | 367480 | 95.09 |
| | 2513 | IBM SUPERIOR OFFSET | 134 | 136 | 4 | 90440 | 101.49 |
| | | | 134 | 120 | 3 | 90450 | 89.55 |
| | | | | 128 | 7 | 180960 | 95.52 |
| | 2522 | SPECIAL SOLITUDE OPAQUE | 134 | 126 | 3 | 72450 | 94.02 |
| | | | | 126 | 3 | 72450 | 94.02 |
| | 2541 | A.P. LIGHTWEIGHT TY OPA | 132 | 128 | 26 | 419700 | 96.96 |
| | | | 132 | 125 | 1 | 18560 | 94.69 |
| | | | | 128 | 27 | 438260 | 96.86 |
| | 2543 | A.P. LIGHTWEIGHT | 138 | 134 | 26 | 491490 | 97.10 |
| | | | 138 | 132 | 3 | 223330 | 95.65 |
| | | | | 133 | 29 | 701920 | 96.68 |
| | 7106 | K WHITE OFFSET | 136 | 132 | 2 | 40520 | 97.05 |
| | | | | 132 | 2 | 40520 | 97.05 |
| | 7102 | K WHITE OFFSET | 136 | 123 | 2 | 68780 | 90.44 |
| | | | | 123 | 2 | 68780 | 90.44 |

054161

PROGRAM: N4PS741D
RUN DATE: 10/03/84

S C M  A L L I E D  P A P E R  I N C.
DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984



| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 129 | 12[illegible] | 266574 | 9[illegible].9[illegible] |

SD 854152

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 7
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUANTITY | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1208 | A.M. PRIDE | 105 | 105 | 2 | 44280 | 99.01 |
| | | | | 105 | 2 | 44280 | 99.01 |
| | 2507 | SOLITUDE CRAGUE | 110 | 115 | 5 | 141380 | 104.54 |
| | | | | 115 | 5 | 141380 | 104.54 |
| | 2542 | A.P. LIGHTWEIGHT | 112 | 119 | 2 | 25080 | 106.25 |
| | | | 112 | 103 | 15 | 1209170 | 91.95 |
| | | | | 103 | 17 | 1234250 | 92.25 |
| | 3830 | WHITE MOONLITE | 110 | 115 | 8 | 208430 | 104.54 |
| | | | | 115 | 8 | 208430 | 104.54 |
| | 7100 | K WHITE OFFSET | 110 | 112 | 2 | 39630 | 101.81 |
| | | | 110 | 105 | 3 | 46020 | 95.45 |
| | | | | 108 | 5 | 85650 | 98.39 |
| | 7101 | K WHITE OFFSET | 110 | 113 | 3 | 38125 | 102.75 |
| | | | 110 | 108 | 2 | 59070 | 98.18 |
| | | | | 110 | 5 | 97195 | 99.24 |
| | 7102 | K WHITE OFFSET | 110 | 120 | 1 | 25320 | 109.09 |
| | | | 110 | 119 | 4 | 122750 | 108.18 |
| | | | 110 | 105 | 5 | 52590 | 95.45 |
| | | | 110 | 102 | 4 | 32920 | 92.72 |
| | | | 110 | 101 | 2 | 11760 | 91.91 |
| | | | 110 | 97 | 1 | 7100 | 88.18 |
| | | | | 113 | 17 | 252440 | 102.26 |
| | 7103 | K WHITE OFFSET | 110 | 108 | 2 | 19640 | 98.18 |
| | | | | 108 | 2 | 19640 | 98.18 |
| | 7104 | K WHITE OFFSET | 110 | 120 | 2 | 25320 | 109.09 |
| | | | 110 | 115 | 2 | 33800 | 104.54 |
| | | | 110 | 113 | 1 | 17500 | 102.72 |
| | | | 110 | 111 | 1 | 25850 | 100.90 |
| | | | 110 | 105 | 5 | 117810 | 95.45 |
| | | | 110 | 104 | 1 | 18730 | 94.54 |
| | | | | 109 | 13 | 239710 | 99.13 |
| | 7105 | K WHITE OFFSET | 110 | 120 | 3 | 178060 | 109.09 |
| | | | | 120 | 5 | 178060 | 109.09 |
| | 7107 | K WHITE OFFSET | 110 | 105 | 2 | 16200 | 95.45 |
| | | | 110 | 100 | 2 | 10360 | 90.90 |
| | | | | 105 | 4 | 26560 | 95.34 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 110 | 114 | 2 | 34130 | 103.63 |
| | | | | 114 | 2 | 34130 | 103.63 |

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 8
RUN DATE: 10/23/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7122 | BW K OFFSET - ANTIQUE | 110 | 105 | 1 | 16180 | 95.45 |
| | | | | 105 | 1 | 16180 | 95.45 |
| | 7123 | BW K OFFSET - ANTIQUE | 110 | 114 | 1 | 18740 | 103.63 |
| | | | | 114 | 1 | 18740 | 103.63 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 105 | 2 | 36500 | 95.45 |
| | | | | 105 | 2 | 36500 | 95.45 |
| | 7201 | RAVENSWOOD OPAQUE | 110 | 114 | 3 | 48290 | 103.63 |
| | | | | 114 | 3 | 48290 | 103.63 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 105 | 8 | 144200 | 95.45 |
| | | | | 105 | 8 | 144200 | 95.45 |
| | | | | 106 | 140 | 2825835 | 97.[illegible] |

PROGRAM: N4PS741C  S C M  A L L I E D  P A P E R  I N C.  PAGE 6
RUN DATE: 10/03/84  DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - R. | 104 | 121 | 2 | 39040 | 116.34 |
| | | | 104 | 118 | 6 | 161510 | 113.46 |
| | | | 104 | 117 | 4 | 53040 | 112.50 |
| | | | 104 | 111 | 1 | 19480 | 106.73 |
| | | | 104 | 106 | 4 | 72370 | 101.92 |
| | | | 104 | 101 | 4 | 87130 | 97.11 |
| | | | | 112 | 21 | 431670 | 108.06 |
| | 205 | LAUREL TEXT R.S. | 104 | 105 | 1 | 19500 | 100.96 |
| | | | 104 | 103 | 2 | 34510 | 99.03 |
| | | | | 104 | 3 | 47430 | 99.56 |
| | 256 | CIS MATTE BASE | 104 | 115 | 2 | 50540 | 110.57 |
| | | | | 115 | 2 | 50540 | 110.57 |
| | 265 | ALLIED MATTE BLADE BASE | 117 | 119 | 1 | 9400 | 101.70 |
| | | | | 119 | 1 | 9400 | 101.70 |
| | 270 | TYPE IV & DT BLADE BASE | 124 | 118 | 19 | 630570 | 95.19 |
| | | | 124 | 112 | 1 | 12370 | 90.32 |
| | | | | 116 | 20 | 644940 | 93.07 |
| | 291 | A.P. WALLPAPER BASE | 123 | 123 | 2 | 21310 | 100.00 |
| | | | 123 | 120 | 2 | 43170 | 97.56 |
| | | | | 121 | 4 | 64480 | 98.37 |
| | 292 | AP WALLPAPER BASE | 123 | 123 | 2 | 42900 | 100.00 |
| | | | 123 | 110 | 1 | 9570 | 89.43 |
| | | | | 121 | 3 | 52470 | 98.07 |
| | 1006 | C.F. OFFSET | 114 | 114 | 2 | 45930 | 100.00 |
| | | | | 114 | 2 | 45930 | 100.00 |
| | 1203 | A.M. PRIDE | 121 | 97 | 1 | 1400 | 80.16 |
| | | | | 97 | 1 | 1400 | 80.16 |
| | 1206 | JP.C A.M. PRIDE | 102 | 110 | 4 | 114560 | 107.84 |
| | | | | 110 | 4 | 114560 | 107.84 |
| | 1207 | A.M. PRIDE | 106 | 98 | 2 | 7800 | 92.45 |
| | | | | 98 | 3 | 7800 | 92.45 |
| | 1208 | A.M. PRIDE | 110 | 105 | 4 | 38910 | 95.45 |
| | | | | 105 | 4 | 38910 | 95.45 |
| | 1800 | PRIDE OPAQUE | 110 | 107 | 3 | 45500 | 97.27 |
| | | | | 107 | 3 | 45500 | 97.27 |
| | 1803 | ALLIED PRID. | 121 | 105 | 2 | 27470 | 86.77 |

SD 954165

PROGRAM: R4P37410 S C M A L L I E D P A P E R I N C. PAGE 17
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 105 | 2 | 27470 | 96.77 |
| | 1835 | ALLIED PRIDE | 110 | 120 | 1 | 15960 | 109.03 |
| | | | 110 | 105 | 2 | 27800 | 95.45 |
| | | | | 110 | 3 | 43760 | 100.42 |
| | 1810 | B# PRIDE OPAQUE | 110 | 105 | 3 | 22630 | 95.45 |
| | | | | 105 | 3 | 22630 | 95.45 |
| | 1815 | ALLIED PRIDE | 110 | 105 | 2 | 55160 | 95.45 |
| | | | | 105 | 2 | 55160 | 95.45 |
| | 1833 | B # SPECIAL PRIDE | 110 | 108 | 3 | 41030 | 98.12 |
| | | | 110 | 105 | 4 | 75350 | 95.45 |
| | | | | 106 | 7 | 116440 | 96.41 |
| | 2240 | LAWYERS #HITE OFFSET | 110 | 118 | 10 | 189440 | 107.22 |
| | | | 110 | 116 | 11 | 191920 | 105.45 |
| | | | 110 | 115 | 1 | 27160 | 104.54 |
| | | | 110 | 90 | 2 | 8910 | 81.81 |
| | | | | 116 | 24 | 416430 | 105.71 |
| | 2535 | MANUAL OFFSET | 110 | 105 | 6 | 141610 | 95.45 |
| | | | | 105 | 6 | 141610 | 95.45 |
| | 2536 | I M M MANUAL | 110 | 105 | 2 | 47280 | 95.45 |
| | | | 110 | 92 | 1 | 19240 | 83.63 |
| | | | | 101 | 3 | 65520 | 92.16 |
| | 2545 | A.P. LIGHTWEIGHT | 110 | 100 | 2 | 31710 | 90.90 |
| | | | | 100 | 2 | 31710 | 90.90 |
| | 3031 | SUPERIOR OFFSET | 110 | 114 | 1 | 31600 | 103.63 |
| | | | 110 | 105 | 2 | 24120 | 95.45 |
| | | | | 110 | 3 | 55720 | 100.09 |
| | 7100 | K WHITE OFFSET | 110 | 113 | 3 | 22535 | 102.72 |
| | | | 110 | 108 | 3 | 65920 | 98.18 |
| | | | 110 | 107 | 2 | 54540 | 97.27 |
| | | | 110 | 105 | 2 | 42540 | 95.45 |
| | | | 110 | 100 | 1 | 4000 | 90.90 |
| | | | | 107 | 11 | 189635 | 97.69 |
| | 7102 | K WHITE OFFSET | 110 | 118 | 2 | 31080 | 107.27 |
| | | | 110 | 112 | 6 | 92190 | 101.81 |
| | | | 110 | 108 | 2 | 12410 | 98.18 |
| | | | 110 | 105 | 9 | 239370 | 95.45 |
| | | | 110 | 100 | 1 | 32010 | 90.90 |
| | | | | 107 | 20 | 406060 | 97.59 |

SD 854166

PROGRAM: N4PC7410 S C M A L L I E D P A P E R I N C. PAGE 11
RUN DATE: 10/03/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7121 | B.W. K OFFSET - ANTIQUE | 110 | 100 | 3 | 84970 | 90.90 |
| | | | | 100 | 3 | 84970 | 90.90 |
| | 9029 | SATURATED GRAVURE BASE | 123 | 112 | 2 | 23050 | 91.05 |
| | | | -- | 112 | 2 | 23050 | 91.05 |
| | 9030 | SATURATED VELLUM BASE | 123 | 120 | 1 | 8710 | 97.56 |
| | | | 123 | 116 | 1 | 21640 | 94.30 |
| | | | 123 | 106 | 2 | 40700 | 86.17 |
| | | | | 111 | 4 | 71040 | 90.04 |
| | | | | 111 | 166 | 3306235 | 99.34 |

8541662

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 5 OF MONTH 09.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 903 | LAUREL TEXT | 102 | 123 | 1 | 50370 | 120.59 |
| | | | 102 | 120 | 3 | 108680 | 117.64 |
| | | | 102 | 119 | 2 | 48877 | 116.66 |
| | | | 102 | 118 | 2 | 35853 | 115.69 |
| | | | 102 | 117 | 1 | 15577 | 114.70 |
| | | | 102 | 115 | 5 | 96038 | 112.74 |
| | | | 102 | 114 | 3 | 44975 | 111.76 |
| | | | 102 | 111 | 1 | 16320 | 108.82 |
| | | | 102 | 106 | 1 | 15776 | 105.88 |
| | | | 102 | 104 | 4 | 77427 | 101.96 |
| | | | 102 | 103 | 2 | 14140 | 100.93 |
| | | | 102 | 98 | 5 | 92537 | 96.07 |
| | | | 102 | 92 | 1 | 4350 | 90.19 |
| | | | | 112 | 31 | 620620 | 110.16 |
| | 905 | LAUREL TEXT | 102 | 102 | 2 | 15600 | 100.00 |
| | | | 102 | 100 | 1 | 39655 | 98.03 |
| | | | | 101 | 3 | 55255 | 98.99 |
| | 856 | CIS MATTE | 102 | 116 | 1 | 34650 | 113.72 |
| | | | 102 | 112 | 1 | 11170 | 109.80 |
| | | | | 115 | 2 | 45020 | 112.77 |
| | 869 | ALLIED MATTE | 114 | 122 | 1 | 37570 | 107.11 |
| | | | 114 | 116 | 1 | 10120 | 101.75 |
| | | | | 121 | 2 | 47690 | 105.29 |
| | 871 | MASTERBASE TYPE V LTH%-S | 102 | 104 | 3 | 34470 | 101.96 |
| | | | | 104 | 3 | 34470 | 101.96 |
| | 876 | MASTERBASE TYPE IV CT | 102 | 116 | 1 | 4000 | 113.72 |
| | | | 102 | 115 | 23 | 601915 | 112.74 |
| | | | 102 | 89 | 2 | 8060 | 87.25 |
| | | | | 115 | 26 | 613975 | 112.41 |
| | 881 | MASTERBASE TYPE IV T | 122 | 115 | 2 | 26548 | 94.26 |
| | | | | 115 | 2 | 26548 | 94.26 |
| | | | | 113 | 69 | 1444576 | 110.13 |

SA 054168

AUGUST 1984

## TONS

| | | TOTAL |
|---|---|---|
| # 5 | 19220 + | 574 TONS |
| 6 | 23040 + | 1690 TONS |
| 7 | | 1034 TONS |
| 8 | | 1339 TONS |
| 9 | 5400 + | 1221 TONS |
| 17 | 4200 | 686 TONS |

## HRS

| | |
|---|---|
| # 5 | 31.7 + 563.2 = 594.0 |
| 6 | 7½ HRS + 577.6 = 585.1 |
| 7 | 556.1 ✓ |
| 8 | 608.6 ✓ |
| 9 | 1.9 HRS + 572.0 = 573.9 |
| 17 | 4½ + 208.8 = 213.3 |

REPORT: R4PS7610 — S C M A L L I E D P A P E R I N C. — PAGE 1
RUN DATE: 08/29/84 — DAILY PRODUCTION SYSTEM
RUN TIME: 085508 — PRODUCTION EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| | BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | MACH ACT | MACH EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 22.00 | 2001 | BRITE LITE THIN | 15.1 | 14.8 | 106.92 | 28963 | 30960 | | 30960 | 106.90 | |
| 5 | 20.00 | 2101 | BRITISH OPAQUE | 21.8 | 17.9 | 89.57 | 48114 | 43560 | | 43560 | 90.53 | |
| 5 | 25.00 | 2501 | SOLITUDE OPAQUE | 29.7 | 29.1 | 106.89 | 62739 | 66840 | | 66840 | 106.54 | |
| 5 | 20.00 | 2540 | A P LIGHT WEIGHT | 72.0 | 66.5 | 100.76 | 114437 | 130900 | 564T | 130900 | 114.39 | |
| 5 | 21.00 | 2541 | A P LIGHTWEIGHT TY | 470.4 | 434.9 | 100.86 | 831067 | 856250 | 11560 | 844690 | 101.64 | 558T |
| | 21.42 | | MACH TOTAL 1.09091 | 609.0 | 563.2 | 100.89 | 1085320 | 1128510 | 11560 | 1116950 | 102.91 | 103.83 |
| 6 | 30.00 | 1100 | BW PANTEXT NEW SHAD | 170.8 | 152.9 | 97.66 | 649875 | 650280 | 11320 | 638960 | 98.32 | |
| 6 | 50.00 | 1208 | A.M. PRIDE | 5.9 | 5.7 | 105.39 | 38087 | 44250 | 4030 | 40220 | 105.60 | |
| 6 | 55.00 | 1209 | A.M. PRIDE | | | | | | | | | |
| 6 | 60.00 | 1210 | GENERIC OFFSET | 3.0 | 2.8 | 101.82 | 20705 | 22560 | | 22560 | 108.96 | |
| 6 | 40.00 | 1810 | BW PRIDE OPAQUE | 5.9 | 5.1 | 94.30 | 29274 | 31260 | | 31260 | 106.78 | |
| 6 | 60.00 | 1904 | TENNYSON OFFSET | 37.7 | 32.8 | 94.91 | 249527 | 260900 | 5100 | 255800 | 102.51 | |
| 6 | 50.00 | 2536 | I B M MANUAL | 18.1 | 17.2 | 103.67 | 124890 | 125010 | | 125010 | 100.10 | |
| 6 | 30.00 | 2543 | A.P. LIGHTWEIGHT | | | | | | 6480 | 6480- | | |
| 6 | 55.00 | 2903 | DICKENS OFFSET | 4.4 | 3.7 | 91.74 | 28490 | 27730 | | 27730 | 97.33 | |
| 6 | 40.00 | 3000 | SUPERIOR OFFSET | 35.9 | 32.8 | 99.67 | 168099 | 187100 | | 187100 | 111.30 | |
| 6 | 50.00 | 3002 | SUPERIOR OFFSET | 17.4 | 15.9 | 99.69 | 121770 | 123320 | 1860 | 121460 | 99.75 | |
| 6 | 40.00 | 7100 | K WHITE OFFSET | 42.3 | 32.8 | 84.59 | 188467 | 193020 | | 193020 | 102.42 | |
| 6 | 45.00 | 7101 | K WHITE OFFSET | 12.6 | 11.3 | 97.84 | 71992 | 75820 | | 75820 | 105.32 | |
| 6 | 50.00 | 7102 | K WHITE OFFSET | 62.8 | 58.9 | 102.32 | 430573 | 459920 | | 459920 | 106.82 | |
| 6 | 60.00 | 7104 | K WHITE OFFSET | 19.6 | 17.9 | 99.63 | 138983 | 137830 | 2760 | 135070 | 97.18 | |
| 6 | 70.00 | 7105 | K WHITE OFFSET | 16.7 | 16.4 | 107.13 | 117954 | 119780 | 5290 | 114490 | 97.06 | |
| 6 | 45.00 | 7121 | B.W. K OFFSET - ANT | 28.8 | 27.7 | 104.92 | 164305 | 183220 | | 183220 | 111.51 | |
| 6 | 50.00 | 7122 | BW K OFFSET - ANTIQ | 11.5 | 9.5 | 90.12 | 68689 | 69640 | | 69640 | 101.38 | |
| 6 | 55.00 | 7123 | BW K OFFSET - ANTIQ | 2.0 | 1.5 | 81.82 | 11302 | 13380 | | 13380 | 118.39 | |
| 6 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 14.1 | 13.4 | 103.68 | 78075 | 83670 | 2740 | 80930 | 103.66 | |
| 6 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 15.0 | 14.5 | 105.45 | 104239 | 106280 | | 106280 | 101.96 | |
| 6 | 29.50 | 9001 | DUPONT PAPER (BLUE) | 108.5 | 104.8 | 105.37 | 409467 | 441280 | 1900 | 439380 | 107.31 | |
| | 43.60 | | MACH TOTAL 1.09091 | 633.0 | 577.6 | 99.54 | 3214763 | 3356250 | 1678 41480 | 3314770 | 103.11 | 102.64 |
| | 38.02 | | MILL C TOTAL | 1242.0 | 1140.8 | 100.20 | 4300083 | 4484760 | 53040 | 4431720 | 103.06 | 103.27 |
| 7 | 38.00 | 203 | LAUREL TEXT - RS | 93.5 | 91.0 | 106.17 | 432992 | 464630 | 15442 | 449188 | 103.74 | |
| 7 | 58.00 | 206 | LAUREL TEXT R.S. | 1.5 | 1.0 | 72.73 | 5687 | 5100 | | 5100 | 89.68 | |
| 7 | 45.00 | 268 | ALLIED MATTE BLADE | 8.4 | 7.1 | 92.21 | 39265 | 38990 | 3853.5 | 38990 | 99.30 | |
| 7 | 30.00 | 1203 | A.M. PRIDE | 3.7 | 3.5 | 103.19 | 12705 | 10250 | | 10250 | 80.68 | |
| 7 | 35.00 | 1805 | ALLIED PRIDE | 1.3 | 1.0 | 83.92 | 4425 | 4900 | 980 | 3920 | 88.59 | |
| 7 | 40.00 | 1810 | BW PRIDE OPAQUE | | | | | | | | | |
| 7 | 30.00 | 1840 | SPEC ALLIED PRIDE | 46.2 | 42.4 | 100.12 | 155184 | 170760 | 1150 | 169610 | 109.30 | |
| 7 | 20.00 | 2000 | BRITE LITE THIN | 9.0 | .6 | 7.27 | 1330 | | | | | |
| 7 | 22.00 | 2001 | BRITE LITE THIN | 72.5 | 58.4 | 87.87 | 141066 | 144930 | | 144930 | 102.74 | |
| 7 | 25.00 | 2200 | IMPERIAL BIBLE | 15.3 | 13.7 | 97.68 | 40442 | 40580 | | 40580 | 100.34 | |
| 7 | 35.00 | 2204 | IMPERIAL BIBLE | 11.6 | 9.7 | 91.22 | 46851 | 49080 | | 49080 | 104.76 | |
| 7 | 30.00 | 2240 | LAWYERS WHITE OFFSE | 39.2 | 30.9 | 85.99 | 124398 | 102770 | | 102770 | 82.61 | |

| | BASIS WGHT | GRADE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 28.00 | 2502 | SOLITUDE OPAQUE | 1.4 | 1.3 | 101.30 | 4550 | 4080 | | 4080 | 89.67 | |
| 7 | 30.00 | 2503 | SOLITUDE OPAQUE | 37.8 | 33.0 | 95.24 | 122604 | 126980 | | 126980 | 103.57 | |
| 7 | 35.00 | 2504 | SOLITUDE OPAQUE | 30.5 | 28.7 | 102.65 | 132673 | 145910 | 6140 | 139770 | 105.35 | |
| 7 | 40.00 | 2505 | SOLITUDE OPAQUE | 2.7 | 2.5 | 101.01 | 13635 | 14480 | | 14480 | 106.20 | |
| 7 | 32.00 | 2515 | SOLITUDE OPAQUE - T | 37.8 | 33.5 | 96.68 | 142366 | 146940 | 930 | 146010 | 102.56 | |
| 7 | 21.00 | 2541 | A P LIGHTWEIGHT TY | 203.0 | 171.0 | 91.89 | 415862 | 443200 | 32930 | 410270 | 98.66 | |
| 7 | 22.00 | 2542 | A P LIGHT WEIGHT | | | | | | 1250 | 1250- | | |
| 7 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 3.9 | 3.8 | 106.29 | 15738 | 15810 | | 15810 | 100.46 | |
| 7 | 40.00 | 3000 | SUPERIOR OFFSET | | | | | | | | | |
| 7 | 40.00 | 7100 | K WHITE OFFSET | 3.4 | 3.1 | 99.47 | 16531 | 17160 | | 17160 | 103.80 | |
| 7 | 50.00 | 7102 | K WHITE OFFSET | 16.3 | 15.4 | 103.07 | 94616 | 92250 | 4070 | 88180 | 93.20 | |
| 7 | 60.00 | 7104 | K WHITE OFFSET | 4.9 | 4.5 | 100.19 | 28885 | 28930 1034 | | 28930 | 100.16 | |
| | 31.59 | | MACH TOTAL 1.09091 | 643.9 | 556.1 | 94.22 | 1991805 | 2067730 | 62892 | 2004838 | 100.65 | 94.83 |
| 8 | 40.00 | 1206 | SPEC A.M. PRIDE | 35.6 | 26.0 | 79.67 | 112215 | 123150 | | 123150 | 109.74 | |
| 8 | 45.00 | 1207 | A.M. PRIDE | 13.4 | 10.6 | 86.30 | 53325 | 59460 | | 59460 | 111.50 | |
| 8 | 30.00 | 2240 | LAWYERS WHITE OFFSE | 70.1 | 66.7 | 103.80 | 230604 | 234390 | | 234390 | 101.64 | |
| 8 | 50.00 | 2536 | I B M MANUAL | 16.3 | 15.7 | 105.08 | 87851 | 90220 | | 90220 | 102.70 | |
| 8 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 100.8 | 97.9 | 105.95 | 302511 | 334350 | 17670 | 316680 | 104.68 | |
| 8 | 30.00 | 3830 | WHITE BOOKLITE | 218.5 | 199.1 | 99.41 | 686130 | 692610 | | 692610 | 100.94 | |
| 8 | 40.00 | 7100 | K WHITE OFFSET | 17.5 | 16.4 | 102.23 | 72282 | 73290 | | 73290 | 101.39 | |
| 8 | 45.00 | 7101 | K WHITE OFFSET | 26.2 | 24.3 | 101.18 | 125500 | 133650 | | 133650 | 106.49 | |
| 8 | 50.00 | 7102 | K WHITE OFFSET | 27.3 | 26.4 | 105.49 | 149318 | 153390 | 1280 | 152110 | 101.87 | |
| 8 | 60.00 | 7104 | K WHITE OFFSET | 82.3 | 80.3 | 106.44 | 476367 | 528260 | | 528260 | 110.89 | |
| 8 | 70.00 | 7105 | K WHITE OFFSET | 3.5 | 2.4 | 74.81 | 14335 | 11740 | | 11740 | 81.90 | |
| 8 | 80.00 | 7107 | K WHITE OFFSET | 4.2 | 3.6 | 93.51 | 18689 | 20060 | | 20060 | 107.34 | |
| 8 | 50.00 | 7122 | BW K OFFSET - ANTIQ | 11.8 | 11.2 | 103.54 | 70963 | 70460 | 5820 | 64640 | 91.09 | |
| 8 | 55.00 | 7123 | BW K OFFSET - ANTIQ | .7 | .5 | 77.92 | 2860 | 3500 | | 3500 | 122.38 | |
| 8 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 20.6 | 20.0 | 105.91 | 95079 | 104510 | | 104510 | 109.92 | |
| 8 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 7.7 | 7.5 | 106.26 | 41579 | 44390 1339 | | 44390 | 106.76 | |
| | 41.39 | | MACH TOTAL 1.09091 | 656.5 | 608.6 | 101.13 | 2539608 | 2677430 | 24770 | 2652660 | 104.45 | 105.63 |
| 9 | 38.00 | 203 | LAUREL TEXT - RS | 70.5 | 60.6 | 93.77 | 261301 | 249320 | | 249320 | 95.41 | |
| 9 | 58.00 | 206 | LAUREL TEXT R.S. | 6.3 | 5.4 | 93.51 | 28163 | 29560 | | 29560 | 104.96 | |
| 9 | 64.00 | 271* | TYPE IV BASE STOCK | 11.4 | 9.3 | 89.00 | 39007 | 30860 | | 30860 | 79.11 | |
| 9 | 55.00 | 274* | TYPE 504-R R.S. | 5.7 | 4.6 | 88.04 | 26274 | 25980 | | 25980 | 98.88 | |
| 9 | 60.00 | 276 | TYPE IV E DT BLADE | 49.1 | 45.9 | 101.98 | 228558 | 247730 | 6027 | 241703 | 105.75 | |
| 9 | 64.00 | 277* | TYPE IV 1/2 LT HW B | 1.4 | 1.0 | 77.92 | 4970 | 4090 | | 4090 | 82.29 | |
| 9 | 57.00 | 278* | TYPE IV 1/2 LT LW B | 14.1 | 12.2 | 94.39 | 59441 | 57250 | | 57250 | 96.31 | |
| 9 | 45.00 | 1000 | O.P. OFFSET | 98.2 | 87.0 | 96.65 | 454234 | 417270 | 11730 | 405540 | 89.28 | |
| 9 | 50.00 | 1208 | A.M. PRIDE | 19.9 | 18.6 | 101.96 | 103140 | 84290 | | 84290 | 81.72 | |
| 9 | 60.00 | 1210 | GENERIC OFFSET | 3.3 | 3.2 | 105.79 | 17941 | 20040 | | 20040 | 111.70 | |
| 9 | 30.00 | 1800 | PRIDE OPAQUE | 15.4 | 11.9 | 84.30 | 40505 | 38840 | | 38840 | 95.89 | |
| 9 | 35.00 | 1805 | ALLIED PRIDE | 25.0 | 22.2 | 96.87 | 87223 | 83440 | 6260 | 77180 | 88.49 | |
| 9 | 35.00 | 2104 | BRITISH OPAQUE | 5.5 | 5.2 | 103.14 | 21721 | 21250 | | 21250 | 97.83 | |
| 9 | 30.00 | 2240 | LAWYERS WHITE OFFSE | 47.7 | 42.0 | 96.05 | 136751 | 106300 | 13690 | 92610 | 67.72 | |

85417 50

| | BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 30.00 | 2503 | SOLITUDE OPAQUE | | | | | | | | | |
| 9 | 35.00 | 2514 | INTERNATIONAL HARVE | 19.0 | 15.4 | 88.42 | 59449 | 43580 | 1050 | 42530 | 71.54 | |
| 9 | 30.00 | 2543 | A.P. LIGHTWEIGHT | 16.7 | 14.7 | 96.03 | 44815 | 44830 | | 44830 | 100.03 | |
| 9 | 35.00 | 2545 | A.P. LIGHTWEIGHT | 58.0 | 53.4 | 100.44 | 196566 | 200020 | 1360 | 198660 | 101.07 | |
| 9 | 33.00 | 2552 | A.P. LIGHT WEIGHT | 24.6 | 23.7 | 105.10 | 82119 | 88180 | 1470 | 86710 | 105.59 | |
| 9 | 40.00 | 3000 | SUPERIOR OFFSET | | | | | | | | | |
| 9 | 50.00 | 3502 | SCHOOL COTE | 14.3 | 10.8 | 82.39 | 58861 | 40320 | 5260 | 35060 | 59.56 | |
| 9 | 60.00 | 6100 | WHITE CAP GUN STOCK | 5.4 | 4.7 | 94.95 | 24628 | 23760 | | 23760 | 96.48 | |
| 9 | 40.00 | 7100 | K WHITE OFFSET | 9.6 | 8.2 | 93.18 | 35300 | 39260 | 1420 | 37840 | 107.20 | |
| 9 | 45.00 | 7101 | K WHITE OFFSET | 6.9 | 6.9 | 109.09 | 35709 | 31800 | | 31800 | 89.05 | |
| 9 | 50.00 | 7102 | K WHITE OFFSET | 18.2 | 16.3 | 97.70 | 85245 | 83180 | | 83180 | 97.58 | |
| 9 | 45.00 | 7121 | B.W. K OFFSET - ANT | 8.6 | 8.6 | 109.09 | 40963 | 44380 | 25690 | 18690 | 45.63 | |
| 9 | 50.00 | 7122 | BW K OFFSET - ANTIQ | 11.9 | 10.8 | 99.01 | 55110 | 52860 | | 52860 | 95.92 | |
| 9 | 55.00 | 7123 | BW K OFFSET - ANTIQ | 4.8 | 4.0 | 90.91 | 22880 | 24400 | 2500 | 21900 | 95.72 | |
| 9 | 40.00 | 7200 | RAVENSWOOD OPAQUE | 19.0 | 17.8 | 102.20 | 76629 | 80760 | | 80760 | 105.39 | |
| 9 | 50.00 | 7202 | RAVENSWOOD OPAQUE | 8.5 | 8.1 | 103.96 | 42525 | 43730 | | 43730 | 102.83 | |
| 9 | 60.00 | 7204 | RAVENSWOOD OPAQUE | 8.2 | 6.6 | 87.80 | 35023 | 33250 | | 33250 | 94.94 | |
| 9 | 68.50 | 9029* | SATURATED GRAVURE B | 3.0 | 3.0 | 109.09 | 13917 | 10540 | | 10540 | 75.73 | |
| 9 | 66.50 | 9030* | SATURATED VELLUM BA | 36.0 | 29.9 | 90.61 | 133104 | 135510 | | 135510 | 101.81 | |
| | 43.75 | | MACH SUBTOTAL | 574.6 | 512.0 | 97.21 | 2275359 | 2172350 | 76457 | 2095893 | 92.11 | 89.54 |
| | 64.39 | | *MACH SUBTOTAL | 71.6 | 60.0 | 91.42 | 276713 | 264230 | 1218 | 264230 | 95.49 | 87.29 |
| | 46.96 | | MACH TOTAL 1.09091 | 646.2 | 572.0 | 96.56 | 2552072 | 2436580 | 76457 | 2360123 | 92.48 | 89.30 |
| | 39.23 | | MILL D SUBTOTAL | 1875.0 | 1676.7 | 97.55 | 6806772 | 6917510 | 164119 | 6753391 | 99.22 | 96.79 |
| | 64.09 | | *MILL D SUBTOTAL | 71.6 | 60.0 | 91.42 | 276713 | 264230 | | 264230 | 95.49 | 87.29 |
| | 42.14 | | MILL D TOTAL | 1946.6 | 1736.7 | 97.33 | 7083485 | 7181740 | 164119 | 7017621 | 99.07 | 96.42 |
| | 38.75 | | BOOK MILL SUBTOT | 3117.0 | 2817.5 | 98.61 | 11106855 | 11402270 | 217159 | 11185111 | 100.70 | 99.30 |
| | 64.09 | | *BOOK MILL SUBTOT | 71.6 | 60.0 | 91.42 | 276713 | 264230 | 5833 | 264230 | 95.49 | 87.29 |
| | 39.33 | | BOOK MILL TOTAL | 3188.6 | 2877.5 | 98.45 | 11383568 | 11666500 | 217159 | 11449341 | 100.58 | 99.02 |
| 17 | 50.00 | 803 | LAUREL TEXT | 123.3 | 79.3 | 73.50 | 756375 | 747241 | 11279 | 735962 | 97.30 | |
| 17 | 70.00 | 806 | LAUREL TEXT | 4.4 | 3.1 | 80.52 | 38145 | 32950 | | 32950 | 86.38 | |
| 17 | 80.00 | 858* | CIS MATTE | 19.0 | 13.8 | 83.01 | 110353 | 111572 | | 111572 | 101.10 | |
| 17 | 90.00 | 871* | MASTERBASE TYPE V L | 1.4 | 1.4 | 114.29 | 4863 | | | | | |
| 17 | 78.00 | 874* | TYPE 904-B | 11.6 | 7.7 | 75.86 | 22869 | 25450 | | 25450 | 111.29 | |
| 17 | 87.50 | 876 | MASTERBASE TYPE IV | 89.3 | 83.6 | 106.99 | 361179 | 378302 | 1125 | 377177 | 104.43 | |
| 17 | 78.00 | 878* | MASTER BASE TYPE IV | 19.6 | 15.1 | 88.05 | 53244 | 49017 | | 49017 | 92.06 | |
| 17 | 87.50 | 881* | MASTERBASE TYPE IV | 5.5 | 4.8 | 99.74 | 24067 | 22565 | | 22565 | 93.76 | |
| | 62.81 | | BLADE SUBTOTAL | 217.0 | 166.0 | 87.43 | 1155699 | 1158493 | 12404 | 1146089 | 99.17 | 86.70 |
| | 60.10 | | *BLADE SUBTOTAL | 57.1 | 42.8 | 85.66 | 215396 | 208604 | | 208604 | 96.85 | 82.96 |
| | 69.45 | | BLADE COATER1.14286 | 274.1 | 208.8 | 87.06 | 1371095 | 1367097 | 12404 | 1354693 | 98.80 | 86.02 |

684

854172

| BASIS WGHT | GRDE CODE | GRADE NAME | RUN TIME AVAIL | RUN TIME ACT | RUN TIME EFFIC | PRODUCTION STD | PRODUCTION WINDER | PRODUCTION OFF-Q | PRODUCTION ACT | PRODUCTION EFFIC | MACH EFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.97 | | GRAND SUBTOTAL | 3334.0 | 2983.5 | 97.88 | 12262554 | 12560763 | 229563 | 12331200 | 100.56 | 98.43 |
| 71.15 | | *GRAND SUBTOTAL | 128.7 | 102.8 | 88.86 | 492109 | 472834 | | 472834 | 96.08 | 85.38 |
| 4..07 | | GRAND TOTAL | 3462.7 | 3086.3 | 97.65 | 12754663 | 13033597 | 229563 | 12804034 | 100.39 | 97.92 |

(651)

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 08/28/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 2001 | BRITE LITE THIN | 680 | 700 | 4 | 30960 | 102.94 |
| | | | | 700 | 4 | 30960 | 102.94 |
| | 2101 | BRITISH OPAQUE | 640 | 520 | 2 | 30200 | 81.25 |
| | | | 640 | 660 | 1 | 13360 | 103.12 |
| | | | | 563 | 3 | 43560 | 87.96 |
| | 2501 | SOLITUDE OPAQUE | 660 | 700 | 4 | 66840 | 106.06 |
| | | | | 700 | 4 | 66840 | 106.06 |
| | 2540 | A P LIGHT WEIGHT | 680 | 700 | 12 | 130900 | 102.94 |
| | | | | 700 | 12 | 130900 | 102.94 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 680 | 700 | 67 | 856250 | 102.94 |
| | | | | 700 | 67 | 856250 | 102.94 |
| | | | | 695 | 90 | 1128510 | 102.55 |

854174 50

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 6 | 1100 | BW RAMTEXT NEW SHADE EB | 770 | 670 | 1 | | 87.01 |
| | | | 770 | 750 | 20 | 632400 | 97.40 |
| | | | 770 | 780 | 1 | 17880 | 101.29 |
| | | | | 751 | 22 | 650280 | 97.51 |
| | 1208 | A.M. PRIDE | 730 | 770 | 2 | 44250 | 105.47 |
| | | | | 770 | 2 | 44250 | 105.47 |
| | 1210 | GENERIC OFFSET | 630 | 670 | 1 | 22560 | 106.34 |
| | | | | 670 | 1 | 22560 | 106.34 |
| | 1810 | BW PRIDE OPAQUE | 750 | 770 | 2 | 31260 | 102.66 |
| | | | | 770 | 2 | 31260 | 102.66 |
| | 1904 | TENNYSON OFFSET | 630 | 650 | 5 | 238300 | 103.17 |
| | | | 630 | 750 | 1 | 22600 | 119.04 |
| | | | | 659 | 6 | 260900 | 104.54 |
| | 2536 | I B M MANUAL | 730 | 760 | 2 | 77990 | 104.10 |
| | | | 730 | 770 | 2 | 47020 | 105.47 |
| | | | | 764 | 4 | 125010 | 104.62 |
| | 2903 | DICKENS OFFSET | 710 | 730 | 1 | 27730 | 102.81 |
| | | | | 730 | 1 | 27730 | 102.81 |
| | 3000 | SUPERIOR OFFSET | 750 | 780 | 5 | 187100 | 104.00 |
| | | | | 780 | 5 | 187100 | 104.00 |
| | 3002 | SUPERIOR OFFSET | 730 | 750 | 3 | 123320 | 102.73 |
| | | | | 750 | 3 | 123320 | 102.73 |
| | 7100 | K WHITE OFFSET | 750 | 770 | 2 | 49520 | 102.66 |
| | | | 750 | 780 | 7 | 143500 | 104.00 |
| | | | | 777 | 9 | 193020 | 103.66 |
| | 7101 | K WHITE OFFSET | 740 | 770 | 5 | 75820 | 104.05 |
| | | | | 770 | 5 | 75820 | 104.05 |
| | 7102 | K WHITE OFFSET | 730 | 750 | 1 | | 102.73 |
| | | | 730 | 760 | 7 | 225200 | 104.10 |
| | | | 730 | 770 | 7 | 183780 | 105.47 |
| | | | 730 | 790 | 2 | 50940 | 108.21 |
| | | | | 767 | 17 | 459920 | 105.10 |
| | 7104 | K WHITE OFFSET | 630 | 650 | 6 | 137830 | 103.17 |
| | | | | 650 | 6 | 137830 | 103.17 |
| | 7105 | K WHITE OFFSET | 540 | 550 | 5 | 119780 | 101.85 |
| | | | | 550 | 5 | 119780 | 101.85 |

854175 SD

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 3
RUN DATE: 08/28/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7121 | D.W. K OFFSET - ANTIQUE | 740 | 770 | 2 | 57500 | 104.05 |
| | | | 740 | 780 | 4 | 125720 | 105.40 |
| | | | | 777 | 6 | 183220 | 104.98 |
| | 7122 | DW K OFFSET - ANTIQUE | 730 | 750 | 1 | 9120 | 102.73 |
| | | | 730 | 760 | 4 | 60520 | 104.10 |
| | | | | 759 | 5 | 69640 | 103.92 |
| | 7123 | DW K OFFSET - ANTIQUE | 710 | 750 | 1 | 13380 | 105.63 |
| | | | | 750 | 1 | 13380 | 105.63 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | 770 | 3 | 71290 | 102.66 |
| | | | 750 | 780 | 1 | 12380 | 104.00 |
| | | | | 771 | 4 | 83670 | 102.86 |
| | 7202 | RAVENSWOOD OPAQUE | 730 | 760 | 5 | 106280 | 104.10 |
| | | | | 760 | 5 | 106280 | 104.10 |
| | 9001 | DUPONT PAPER (BLUE) | 650 | 680 | 3 | 83670 | 104.61 |
| | | | 650 | 690 | 11 | 357610 | 106.15 |
| | | | | 688 | 14 | 441280 | 105.96 |
| | | | | 733 | 123 | 3356250 | 103.07 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 203 | LAUREL TEXT - RS | 740 | 740 | 6 | 163060 | 100.00 |
| | | | 740 | 750 | 10 | 265650 | 101.35 |
| | | | 740 | 760 | 1 | 35920 | 102.70 |
| | | | | 747 | 17 | 464630 | 100.98 |
| | 206 | LAUREL TEXT R.S. | 590 | 600 | 1 | 5100 | 101.69 |
| | | | | 600 | 1 | 5100 | 101.69 |
| | 268 | ALLIED MATTE BLADE BASE | 710 | 720 | 2 | 38990 | 101.40 |
| | | | | 720 | 2 | 38990 | 101.40 |
| | 1203 | A.M. PRIDE | 750 | 780 | 2 | 10250 | 104.00 |
| | | | | 780 | 2 | 10250 | 104.00 |
| | 1305 | ALLIED PRIDE | 750 | 780 | 1 | 4900 | 104.00 |
| | | | | 780 | 1 | 4900 | 104.00 |
| | 1040 | SPEC ALLIED PRIDE | 750 | 760 | 6 | 170760 | 101.33 |
| | | | | 760 | 6 | 170760 | 101.33 |
| | 2000 | BRITE LITE THIN | 710 | 650 | 2 | | 91.54 |
| | | | | | 2 | | |
| | 2001 | BRITE LITE THIN | 710 | 740 | 1 | 14690 | 104.22 |
| | | | 710 | 750 | 9 | 130240 | 105.63 |
| | | | | 749 | 10 | 144930 | 105.49 |
| | 2200 | IMPERIAL BIBLE | 740 | 760 | 3 | 40580 | 102.70 |
| | | | | 760 | 3 | 40580 | 102.70 |
| | 2204 | IMPERIAL BIBLE | 750 | 760 | 3 | 49080 | 101.33 |
| | | | | 760 | 3 | 49080 | 101.33 |
| | 2240 | LAWYERS WHITE OFFSET | 750 | 770 | 3 | 45800 | 102.66 |
| | | | 750 | 790 | 3 | 50390 | 105.33 |
| | | | 750 | 800 | 1 | 6580 | 106.66 |
| | | | | 782 | 7 | 102770 | 104.23 |
| | 2502 | SOLITUDE OPAQUE | 750 | 780 | 1 | 4080 | 104.00 |
| | | | | 780 | 1 | 4080 | 104.00 |
| | 2503 | SOLITUDE OPAQUE | 750 | 760 | 2 | 10000 | 101.33 |
| | | | 750 | 770 | 4 | 103100 | 102.66 |
| | | | 750 | 780 | 1 | 13880 | 104.00 |
| | | | | 770 | 7 | 126980 | 102.70 |
| | 2504 | SOLITUDE OPAQUE | 750 | 760 | 3 | 106320 | 101.33 |
| | | | 750 | 770 | 3 | 29170 | 102.66 |
| | | | 750 | 780 | 2 | 10420 | 104.00 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 763 | 8 | 145910 | 101.79 |
| | 2505 | SOLITUDE OPAQUE | 740 | 740 | 1 | 14480 | 100.00 |
| | | | | 740 | 1 | 14480 | 100.00 |
| | 2515 | SOLITUDE OPAQUE - TYNDALE | 750 | 780 | 3 | 86140 | 104.00 |
| | | | 750 | 800 | 3 | 60800 | 106.66 |
| | | | | 788 | 6 | 146940 | 105.10 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 710 | 740 | 2 | 17680 | 104.22 |
| | | | 710 | 750 | 8 | 161090 | 105.63 |
| | | | 710 | 760 | 2 | 23380 | 107.04 |
| | | | 710 | 770 | 16 | 241060 | 108.45 |
| | | | | 761 | 28 | 443200 | 107.19 |
| | 2545 | A.P. LIGHTWEIGHT | 750 | 800 | 1 | 15810 | 106.66 |
| | | | | 800 | 1 | 15810 | 106.66 |
| | 7100 | K WHITE OFFSET | 740 | 740 | 2 | 17160 | 100.00 |
| | | | | 740 | 2 | 17160 | 100.00 |
| | 7102 | K WHITE OFFSET | 680 | 680 | 5 | 92250 | 100.00 |
| | | | | 680 | 5 | 92250 | 100.00 |
| | 7104 | K WHITE OFFSET | 580 | 580 | 2 | 28930 | 100.00 |
| | | | | 580 | 2 | 28930 | 100.00 |
| | | | | 753 | 115 | 2067730 | 103.32 |

854128

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1206 | SPEC A.M. PRIDE | 750 | 780 | 7 | 123150 | 104.00 |
| | | | | 780 | 7 | 123150 | 104.00 |
| | 1207 | A.M. PRIDE | 750 | 740 | 1 | 17730 | 98.66 |
| | | | 750 | 780 | 2 | 41730 | 104.00 |
| | | | | 768 | 3 | 59460 | 102.41 |
| | 2240 | LAWYERS WHITE OFFSET | 750 | 780 | 11 | 234390 | 104.00 |
| | | | | 780 | 11 | 234390 | 104.00 |
| | 2536 | I B M MANUAL | 750 | 760 | 5 | 90220 | 101.33 |
| | | | | 760 | 5 | 90220 | 101.33 |
| | 2543 | A.P. LIGHTWEIGHT | 750 | 780 | 13 | 334350 | 104.00 |
| | | | | 780 | 13 | 334350 | 104.00 |
| | 3830 | WHITE BOOKLITE | 750 | 460 | 1 | | 61.33 |
| | | | 750 | 650 | 3 | 64560 | 86.66 |
| | | | 750 | 680 | 5 | 112530 | 90.66 |
| | | | 750 | 780 | 22 | 515570 | 104.00 |
| | | | | 752 | 31 | 692610 | 100.22 |
| | 7100 | K WHITE OFFSET | 750 | 780 | 5 | 73290 | 104.00 |
| | | | | 780 | 5 | 73290 | 104.00 |
| | 7101 | K WHITE OFFSET | 750 | 730 | 1 | 9920 | 97.33 |
| | | | 750 | 740 | 2 | 14970 | 98.66 |
| | | | 750 | 780 | 6 | 108760 | 104.00 |
| | | | | 772 | 9 | 133650 | 102.91 |
| | 7102 | K WHITE OFFSET | 750 | 740 | 1 | 13680 | 98.66 |
| | | | 750 | 750 | 2 | 18170 | 100.00 |
| | | | 750 | 780 | 8 | 121540 | 104.00 |
| | | | | 773 | 11 | 153390 | 103.05 |
| | 7104 | K WHITE OFFSET | 620 | 640 | 5 | 120410 | 103.22 |
| | | | 620 | 650 | 4 | 162900 | 104.83 |
| | | | 620 | 660 | 2 | 105300 | 106.45 |
| | | | 620 | 680 | 7 | 110180 | 109.67 |
| | | | 620 | 760 | 1 | 29470 | 122.58 |
| | | | | 662 | 19 | 528260 | 106.79 |
| | 7105 | K WHITE OFFSET | 530 | 560 | 3 | 11740 | 105.66 |
| | | | | 560 | 3 | 11740 | 105.66 |
| | 7107 | K WHITE OFFSET | 460 | 460 | 1 | 20060 | 100.00 |
| | | | | 460 | 1 | 20060 | 100.00 |
| | 7122 | BW K OFFSET - ANTIQUE | 750 | 730 | 2 | 70460 | 97.33 |

854178 05

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | | 730 | 2 | 70460 | 97.33 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | 780 | 1 | 3500 | 116.41 |
| | | | | 780 | 1 | 3500 | 116.41 |
| | 7200 | RAVENSWOOD OPAQUE | 750 | 780 | 4 | 104510 | 104.00 |
| | | | | 780 | 4 | 104510 | 104.00 |
| | 7201 | RAVENSWOOD OPAQUE | 750 | 780 | 2 | 44390 | 104.00 |
| | | | | 780 | 2 | 44390 | 104.00 |
| | | | | 743 | 127 | 2677430 | 103.15 |

85418

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 750 | 710 | 3 | 53340 | 94.66 |
| | | | 750 | 730 | 1 | 29790 | 97.33 |
| | | | 750 | 750 | 6 | 152370 | 100.00 |
| | | | 750 | 760 | 2 | 13820 | 101.33 |
| | | | | 740 | 12 | 249320 | 98.61 |
| | 206 | LAUREL TEXT R.S. | 540 | 540 | 2 | 29560 | 100.00 |
| | | | | 540 | 2 | 29560 | 100.00 |
| | 271 | TYPE IV BASE STOCK DRY TON | 460 | 490 | 2 | 30860 | 108.88 |
| | | | 450 | 500 | 1 | | 111.11 |
| | | | | 490 | 3 | 30860 | 108.88 |
| | 274 | TYPE 904-B R.S. | 680 | 600 | 2 | 25980 | 88.23 |
| | | | | 600 | 2 | 25980 | 88.23 |
| | 276 | TYPE IV E DT BLADE BASE | 500 | 540 | 1 | 21300 | 108.00 |
| | | | 500 | 560 | 8 | 226430 | 112.00 |
| | | | | 558 | 9 | 247730 | 111.66 |
| | 277 | TYPE IV 1/2 LT HW BASE STOCK | 500 | 520 | 1 | 4090 | 104.00 |
| | | | | 520 | 1 | 4090 | 104.00 |
| | 278 | TYPE IV 1/2 LT LW BLADE BASE | 540 | 570 | 3 | 34540 | 105.55 |
| | | | 540 | 580 | 1 | 22710 | 107.40 |
| | | | | 574 | 4 | 57250 | 106.28 |
| | 1000 | G.P. OFFSET | 730 | 710 | 2 | 51330 | 97.26 |
| | | | 730 | 720 | 1 | 34810 | 98.63 |
| | | | 730 | 730 | 6 | 152050 | 100.00 |
| | | | 730 | 750 | 8 | 165990 | 102.73 |
| | | | 730 | 780 | 1 | 13090 | 106.84 |
| | | | | 736 | 18 | 417270 | 100.8* |
| | 1200 | A.M. PRIDE | 710 | 680 | 3 | 41060 | 95.77 |
| | | | 710 | 700 | 1 | 8220 | 98.59 |
| | | | 710 | 710 | 2 | 35010 | 100.00 |
| | | | | 694 | 6 | 84290 | 97.80 |
| | 1210 | GENSPIC OFFSET | 620 | 620 | 1 | 20040 | 100.00 |
| | | | | 620 | 1 | 20040 | 100.00 |
| | 1800 | PRIDE OPACUE | 740 | 755 | 1 | 2670 | 102.02 |
| | | | 740 | 760 | 4 | 36170 | 102.70 |
| | | | | 760 | 5 | 38840 | 102.65 |
| | 1805 | ALLIED PRIDE | 750 | 755 | 2 | 25960 | 100.66 |
| | | | 750 | 760 | 5 | 57480 | 101.33 |
| | | | | 758 | 7 | 83440 | 101.12 |

054181

PROGRAM: N4PS7210 S C M A L L I E D P A P E R I N C. PAGE 9
RUN DATE: 09/28/84 DAILY PRODUCTION SYSTEM
MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2104 | BRITISH OPAQUE | 750 | 750 | 1 | 21250 | 100.00 |
| | | | | 750 | 1 | 21250 | 100.00 |
| | 2240 | LAWYERS WHITE OFFSET | 740 | 760 | 7 | 106300 | 102.70 |
| | | | | 760 | 7 | 106300 | 102.70 |
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 750 | 760 | 4 | 43580 | 101.33 |
| | | | | 760 | 4 | 43580 | 101.33 |
| | 2543 | A.P. LIGHTWEIGHT | 740 | 760 | 3 | 44830 | 102.70 |
| | | | | 760 | 3 | 44830 | 102.70 |
| | 2545 | A.P. LIGHTWEIGHT | 750 | 760 | 10 | 200020 | 101.33 |
| | | | | 760 | 10 | 200020 | 101.33 |
| | 2552 | A.P. LIGHT WEIGHT | 740 | 760 | 5 | 88180 | 102.70 |
| | | | | 760 | 5 | 88180 | 102.70 |
| | 3502 | SCHOOL COTE | 710 | 680 | 1 | 15420 | 95.77 |
| | | | 710 | 710 | 2 | 24900 | 100.00 |
| | | | | 699 | 3 | 40320 | 98.38 |
| | 6100 | WHITE CAP GUN STOCK | 620 | 620 | 2 | 23760 | 100.00 |
| | | | | 620 | 2 | 23760 | 100.00 |
| | 7100 | K WHITE OFFSET | 750 | 750 | 2 | 39260 | 100.00 |
| | | | | 750 | 2 | 39260 | 100.00 |
| | 7101 | K WHITE OFFSET | 730 | 740 | 2 | 31800 | 101.36 |
| | | | | 740 | 2 | 31800 | 101.36 |
| | 7102 | K WHITE OFFSET | 710 | 670 | 1 | 11240 | 94.36 |
| | | | 710 | 690 | 1 | 3180 | 97.18 |
| | | | 710 | 720 | 4 | 22290 | 101.40 |
| | | | 710 | 730 | 1 | 4260 | 102.81 |
| | | | 710 | 750 | 2 | 42210 | 105.63 |
| | | | | 728 | 9 | 83180 | 102.51 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 730 | 750 | 2 | 44380 | 102.73 |
| | | | | 750 | 2 | 44380 | 102.73 |
| | 7122 | BW K OFFSET - ANTIQUE | 710 | 720 | 1 | 9490 | 101.40 |
| | | | 710 | 730 | 1 | 22260 | 102.81 |
| | | | 710 | 750 | 1 | 21110 | 105.63 |
| | | | | 736 | 3 | 52860 | 103.68 |
| | 7123 | BW K OFFSET - ANTIQUE | 670 | 680 | 2 | 24400 | 101.49 |
| | | | | 680 | 2 | 24400 | 101.49 |

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 7200 | RAVENSWOOD OPAQUE | 750 | 750 | 3 | 49340 | 100.00 |
| | | | 750 | 770 | 1 | 31420 | 102.66 |
| | | | | 758 | 4 | 80760 | 101.03 |
| | 7202 | RAVENSWOOD OPAQUE | 710 | 730 | 4 | 43730 | 102.81 |
| | | | | 730 | 4 | 43730 | 102.81 |
| | 7204 | RAVENSWOOD OPAQUE | 620 | 640 | 4 | 33250 | 103.22 |
| | | | | 640 | 4 | 33250 | 103.22 |
| | 9029 | SATURATED GRAVURE BASE | 450 | 480 | 2 | 10540 | 106.66 |
| | | | | 480 | 2 | 10540 | 106.66 |
| | 9030 | SATURATED VELLUM BASE | 450 | 480 | 6 | 80530 | 106.66 |
| | | | 450 | 490 | 4 | 54980 | 108.88 |
| | | | | 484 | 10 | 135510 | 107.56 |
| | | | | 693 | 149 | 2436580 | 102.53 |

054183

MACH SPEED EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1984

| MACH | GRADE | GRADE NAME | STANDARD SPEED | ACTUAL SPEED | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 17 | 803 | LAUREL TEXT | 1300 | 1200 | 5 | 113877 | 92.30 |
| | | | 1300 | 1300 | 17 | 592919 | 100.00 |
| | | | 1300 | 1329 | 1 | 31345 | 102.23 |
| | | | 1300 | 1383 | 1 | 9100 | 106.38 |
| | | | | 1287 | 24 | 747241 | 99.00 |
| | 806 | LAUREL TEXT | 1200 | 1200 | 1 | 27550 | 100.00 |
| | | | 1200 | 1300 | 1 | 5400 | 108.33 |
| | | | | 1216 | 2 | 32950 | 101.37 |
| | 858 | CIS MATTE | 700 | 750 | 4 | 111572 | 107.14 |
| | | | | 750 | 4 | 111572 | 107.14 |
| | 871 | MASTERBASE TYPE V LTHW-S | 350 | 680 | 1 | | 194.28 |
| | | | | | 1 | | |
| | 874 | TYPE 904-B | 325 | 590 | 3 | 25450 | 181.53 |
| | | | 325 | 594 | 1 | | 182.76 |
| | | | | 590 | 4 | 25450 | 181.53 |
| | 876 | MASTERBASE TYPE IV DT | 345 | 380 | 6 | 67756 | 110.14 |
| | | | 345 | 390 | 3 | 84090 | 113.04 |
| | | | 345 | 400 | 8 | 226456 | 115.94 |
| | | | | 394 | 17 | 378302 | 114.26 |
| | 878 | MASTER BASE TYPE IV 1/2 LT LW | 375 | 643 | 1 | | 171.46 |
| | | | 375 | 683 | 1 | | 182.13 |
| | | | 375 | 1000 | 3 | 49017 | 266.66 |
| | | | | 1000 | 5 | 49017 | 266.66 |
| | 861 | MASTERBASE TYPE IV T | 400 | 456 | 1 | 22565 | 114.00 |
| | | | | 456 | 1 | 22565 | 114.00 |
| | | | | 957 | 58 | 1367097 | 111.74 |

8541184 SD

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 1
RUN DATE: 03/28/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 5 | 2001 | BRITE LITE THIN | 110 | 103 | 4 | 30960 | 93.63 |
| | | | | 103 | 4 | 30960 | 93.63 |
| | 2101 | BRITISH OPAQUE | 121 | 112 | 3 | 43560 | 92.56 |
| | | | | 112 | 3 | 43560 | 92.56 |
| | 2501 | SOLITUDE OPAQUE | 105 | 98 | 4 | 66840 | 93.33 |
| | | | | 98 | 4 | 66840 | 93.33 |
| | 2540 | A P LIGHT WEIGHT | 110 | 102 | 9 | 123540 | 92.72 |
| | | | 110 | 94 | 3 | 7360 | 85.45 |
| | | | | 102 | 12 | 130900 | 92.31 |
| | 2541 | A P LIGHTWEIGHT TY OPA | 116 | 105 | 67 | 856250 | 90.51 |
| | | | | 105 | 67 | 856250 | 90.51 |
| | | | | 104 | 90 | 1128510 | 91.05 |

85185 50

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| C | 1100 | BW RAMTEXT NEW SHADE EB | 138 | 138 | 22 | 650280 | 100.00 |
| | | | | 138 | 22 | 650280 | 100.00 |
| | 1208 | A.M. PRIDE | 148 | 130 | 2 | 44250 | 87.83 |
| | | | | 130 | 2 | 44250 | 87.83 |
| | 1210 | GENERIC OFFSET | 142 | 139 | 1 | 22560 | 97.88 |
| | | | | 139 | 1 | 22560 | 97.88 |
| | 1810 | BW PRICE OPAQUE | 147 | 140 | 2 | 31260 | 95.23 |
| | | | | 140 | 2 | 31260 | 95.23 |
| | 1904 | TENNYSON OFFSET | 138 | 143 | 6 | 260900 | 103.62 |
| | | | | 143 | 6 | 260900 | 103.62 |
| | 2536 | I J M MANUAL | 142 | 142 | 2 | 77990 | 100.00 |
| | | | 142 | 140 | 2 | 47020 | 98.59 |
| | | | | 141 | 4 | 125010 | 99.47 |
| | 2903 | DICKENS OFFSET | 140 | 140 | 1 | 27730 | 100.00 |
| | | | | 140 | 1 | 27730 | 100.00 |
| | 3000 | SUPERIOR OFFSET | 142 | 125 | 5 | 187100 | 88.02 |
| | | | | 125 | 5 | 187100 | 88.02 |
| | 3002 | SUPERIOR OFFSET | 142 | 149 | 3 | 123320 | 104.92 |
| | | | | 149 | 3 | 123320 | 104.92 |
| | 7100 | K WHITE OFFSET | 142 | 145 | 2 | 49520 | 102.11 |
| | | | 142 | 144 | 3 | 68990 | 101.40 |
| | | | 142 | 140 | 1 | 13660 | 98.59 |
| | | | 142 | 132 | 2 | 56640 | 92.95 |
| | | | 142 | 119 | 1 | 4210 | 83.80 |
| | | | | 140 | 9 | 193020 | 98.52 |
| | 7101 | K WHITE OFFSET | 142 | 140 | 2 | 52730 | 98.59 |
| | | | 142 | 132 | 3 | 23090 | 92.95 |
| | | | | 138 | 5 | 75820 | 96.87 |
| | 7102 | K WHITE OFFSET | 142 | 148 | 2 | 85890 | 104.22 |
| | | | 142 | 146 | 4 | 165740 | 102.81 |
| | | | 142 | 143 | 2 | 42500 | 100.70 |
| | | | 142 | 140 | 4 | 90040 | 98.59 |
| | | | 142 | 133 | 2 | 16960 | 93.66 |
| | | | 142 | 132 | 2 | 50340 | 92.95 |
| | | | 142 | 124 | 1 | 9450 | 87.32 |
| | | | | 143 | 17 | 459920 | 100.35 |
| | 7104 | K WHITE OFFSET | 142 | 148 | 3 | 106160 | 104.22 |

054186

NACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 142 | 140 | 2 | 14050 | 98.59 |
| | | | 142 | 139 | 1 | 17620 | 97.88 |
| | | | | 146 | 6 | 137830 | 102.84 |
| | 7105 | K WHITE OFFSET | 146 | 144 | 2 | 41280 | 98.63 |
| | | | 146 | 141 | 1 | 30680 | 96.57 |
| | | | 146 | 125 | 2 | 47820 | 85.61 |
| | | | | 136 | 5 | 119780 | 92.90 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 142 | 139 | 2 | 28480 | 97.88 |
| | | | 142 | 128 | 1 | 50340 | 90.14 |
| | | | 142 | 125 | 3 | 104400 | 88.02 |
| | | | | 128 | 6 | 183220 | 90.14 |
| | 7122 | BW K OFFSET - ANTIQUE | 142 | 147 | 2 | 9920 | 103.52 |
| | | | 142 | 140 | 2 | 50600 | 98.59 |
| | | | 142 | 139 | 1 | 9120 | 97.88 |
| | | | | 141 | 5 | 69640 | 99.20 |
| | 7123 | BW K OFFSET - ANTIQUE | 142 | 137 | 1 | 13380 | 96.47 |
| | | | | 137 | 1 | 13380 | 96.47 |
| | 7200 | RAVENSWOOD OPAQUE | 140 | 143 | 1 | 10810 | 102.14 |
| | | | 140 | 142 | 3 | 72860 | 101.42 |
| | | | | 142 | 4 | 83670 | 101.51 |
| | 7202 | RAVENSWOOD OPAQUE | 140 | 140 | 4 | 90460 | 100.00 |
| | | | 140 | 139 | 1 | 15820 | 99.28 |
| | | | | 140 | 5 | 106280 | 99.80 |
| | 9001 | DUPONT PAPER (BLUE) | 148 | 148 | 14 | 441280 | 100.00 |
| | | | | 148 | 14 | 441280 | 100.00 |
| | | | | 140 | 123 | 3356280 | 98.78 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 7 | 203 | LAUREL TEXT - RS | 126 | 126 | 11 | 365720 | 100.00 |
| | | | 126 | 123 | 2 | 48410 | 97.61 |
| | | | 126 | 122 | 2 | 40260 | 96.82 |
| | | | 126 | 121 | 2 | 10240 | 96.03 |
| | | | | 125 | 17 | 464630 | 99.39 |
| | 206 | LAUREL TEXT R.S. | 126 | 118 | 1 | 5100 | 93.65 |
| | | | | 118 | 1 | 5100 | 93.65 |
| | 208 | ALLIED MATTE BLADE BASE | 139 | 124 | 2 | 38990 | 89.20 |
| | | | | 124 | 2 | 38990 | 89.20 |
| | 1203 | A.M. PRIDE | 128 | 121 | 2 | 10250 | 94.83 |
| | | | | 121 | 2 | 10250 | 94.53 |
| | 1905 | ALLIED PRIDE | 136 | 125 | 1 | 4900 | 91.91 |
| | | | | 125 | 1 | 4900 | 91.91 |
| | 1940 | SPEC ALLIED PRIDE | 138 | 122 | 6 | 170760 | 88.40 |
| | | | | 122 | 6 | 170760 | 88.40 |
| | 2000 | BRITE LITE THIN | 132 | 126 | 2 | | 95.45 |
| | | | | | 2 | | |
| | 2001 | BRITE LITE THIN | 132 | 122 | 10 | 144930 | 92.42 |
| | | | | 122 | 10 | 144930 | 92.42 |
| | 2200 | IMPERIAL BIBLE | 128 | 120 | 3 | 40580 | 93.75 |
| | | | | 120 | 3 | 40580 | 93.75 |
| | 2204 | IMPERIAL BIBLE | 134 | 137 | 2 | 32530 | 102.23 |
| | | | 134 | 135 | 1 | 16550 | 100.74 |
| | | | | 136 | 3 | 49080 | 101.73 |
| | 2240 | LAWYERS WHITE OFFSET | 136 | 138 | 5 | 90690 | 101.47 |
| | | | 136 | 110 | 2 | 12080 | 80.88 |
| | | | | 135 | 7 | 102770 | 99.05 |
| | 2502 | SOLITUDE OPAQUE | 134 | 125 | 1 | 4080 | 93.28 |
| | | | | 125 | 1 | 4080 | 93.28 |
| | 2503 | SOLITUDE OPAQUE | 134 | 128 | 2 | 10000 | 95.52 |
| | | | 134 | 124 | 4 | 103100 | 92.53 |
| | | | 134 | 120 | 1 | 13880 | 89.55 |
| | | | | 124 | 7 | 126980 | 92.44 |
| | 2504 | SOLITUDE OPAQUE | 134 | 132 | 6 | 126060 | 98.50 |
| | | | 134 | 123 | 2 | 19850 | 91.79 |
| | | | | 131 | 8 | 145910 | 97.59 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08,1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2505 | SOLITUDE OPAQUE | 136 | 135 | 1 | 14480 | 99.26 |
| | | | | 135 | 1 | 14480 | 99.26 |
| | 2515 | SOLITUDE OPAQUE - TYNDALE | 136 | 134 | 4 | 116630 | 98.52 |
| | | | 136 | 121 | 2 | 30310 | 88.97 |
| | | | | 131 | 6 | 146940 | 96.55 |
| | 2541 | A.P. LIGHTWEIGHT TY OPA | 132 | 128 | 28 | 443200 | 96.96 |
| | | | | 128 | 28 | 443200 | 96.96 |
| | 2545 | A.P. LIGHTWEIGHT | 134 | 117 | 1 | 15810 | 87.31 |
| | | | | 117 | 1 | 15810 | 87.31 |
| | 7100 | K WHITE OFFSET | 136 | 132 | 2 | 17160 | 97.05 |
| | | | | 132 | 2 | 17160 | 97.05 |
| | 7102 | K WHITE OFFSET | 136 | 128 | 5 | 92250 | 94.11 |
| | | | | 128 | 5 | 92250 | 94.11 |
| | 7104 | K WHITE OFFSET | 136 | 131 | 2 | 28930 | 96.32 |
| | | | | 131 | 2 | 28930 | 96.32 |
| | | | | 127 | 115 | 2067730 | 95.99 |

054189

PROGRAM: N4PS7410 S C M A L L I E D P A P E R I N C. PAGE 6
RUN DATE: 08/28/84 DAILY PRODUCTION SYSTEM
MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 8 | 1206 | SPEC A.M. PRIDE | 105 | 107 | 3 | 15270 | 101.90 |
| | | | 105 | 105 | 4 | 107880 | 100.00 |
| | | | | 105 | 7 | 123150 | 100.24 |
| | 1207 | A.M. PRIDE | 122 | 113 | 1 | 16290 | 92.62 |
| | | | 122 | 105 | 2 | 43170 | 86.06 |
| | | | | 107 | 3 | 59460 | 87.85 |
| | 2240 | LAWYERS WHITE OFFSET | 116 | 116 | 9 | 221570 | 100.00 |
| | | | 116 | 110 | 2 | 12820 | 94.82 |
| | | | | 116 | 11 | 234390 | 99.72 |
| | 2536 | I B M MANUAL | 110 | 107 | 3 | 42760 | 97.27 |
| | | | 110 | 105 | 2 | 47460 | 95.45 |
| | | | | 106 | 5 | 90220 | 96.31 |
| | 2543 | A.P. LIGHTWEIGHT | 112 | 103 | 13 | 334350 | 91.96 |
| | | | | 103 | 13 | 334350 | 91.96 |
| | 3930 | WHITE BOOKLITE | 110 | 116 | 7 | 180050 | 105.45 |
| | | | 110 | 115 | 18 | 459470 | 104.54 |
| | | | 110 | 113 | 2 | 23490 | 102.72 |
| | | | 110 | 111 | 4 | 29600 | 100.90 |
| | | | | 115 | 31 | 692610 | 104.56 |
| | 7100 | K WHITE OFFSET | 110 | 112 | 2 | 8400 | 101.81 |
| | | | 110 | 108 | 2 | 44310 | 98.18 |
| | | | 110 | 105 | 1 | 20580 | 95.45 |
| | | | | 108 | 5 | 73290 | 97.83 |
| | 7101 | K WHITE OFFSET | 110 | 118 | 2 | 53670 | 107.27 |
| | | | 110 | 117 | 1 | 8530 | 106.36 |
| | | | 110 | 116 | 1 | 4560 | 105.45 |
| | | | 110 | 108 | 1 | 8730 | 98.18 |
| | | | 110 | 104 | 2 | 42000 | 94.54 |
| | | | 110 | 98 | 2 | 16160 | 89.09 |
| | | | | 110 | 9 | 133650 | 100.36 |
| | 7102 | K WHITE OFFSET | 110 | 122 | 1 | 13680 | 110.90 |
| | | | 110 | 116 | 2 | 27760 | 105.45 |
| | | | 110 | 105 | 2 | 44970 | 95.45 |
| | | | 110 | 104 | 2 | 20440 | 94.54 |
| | | | 110 | 102 | 2 | 36150 | 92.72 |
| | | | 110 | 99 | 1 | 7590 | 90.00 |
| | | | 110 | 96 | 1 | 3800 | 87.27 |
| | | | | 107 | 11 | 153390 | 97.42 |
| | 7104 | K WHITE OFFSET | 110 | 120 | 4 | 162900 | 109.09 |
| | | | 110 | 119 | 3 | 71290 | 108.19 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | | | 110 | 118 | 1 | 14300 | 107.27 |
| | | | 110 | 111 | 5 | 167390 | 100.90 |
| | | | 110 | 105 | 3 | 48220 | 95.45 |
| | | | 110 | 104 | 3 | 64160 | 94.54 |
| | | | | 114 | 19 | 528260 | 103.31 |
| | 7105 | K WHITE OFFSET | 110 | 114 | 3 | 11740 | 103.63 |
| | | | | 114 | 3 | 11740 | 103.63 |
| | 7107 | K WHITE OFFSET | 110 | 101 | 1 | 20060 | 91.81 |
| | | | | 101 | 1 | 20060 | 91.81 |
| | 7122 | NW K OFFSET - ANTIQUE | 110 | 120 | 2 | 70460 | 109.09 |
| | | | | 120 | 2 | 70460 | 109.09 |
| | 7123 | FW K OFFSET - ANTIQUE | 110 | 110 | 1 | 3500 | 100.00 |
| | | | | 110 | 1 | 3500 | 100.00 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 120 | 3 | 77960 | 109.09 |
| | | | 110 | 105 | 1 | 26950 | 95.45 |
| | | | | 116 | 4 | 104510 | 105.62 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 105 | 2 | 44390 | 95.45 |
| | | | | 105 | 2 | 44390 | 95.45 |
| | | | | 111 | 127 | 2677430 | 100.57 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| 9 | 203 | LAUREL TEXT - RS | 104 | 120 | 6 | 152370 | 115.38 |
| | | | 104 | 104 | 2 | 28980 | 100.00 |
| | | | 104 | 103 | 4 | 67970 | 99.03 |
| | | | | 114 | 12 | 249320 | 109.13 |
| | 206 | LAUREL TEXT R.S. | 104 | 118 | 2 | 29560 | 113.46 |
| | | | | 118 | 2 | 29560 | 113.46 |
| | 271 | TYPE IV BASE STOCK DRY TON | 104 | 107 | 3 | 30860 | 102.88 |
| | | | | 107 | 3 | 30860 | 102.88 |
| | 274 | TYPE 904-B R.S. | 110 | 112 | 2 | 25980 | 101.81 |
| | | | | 112 | 2 | 25980 | 101.81 |
| | 276 | TYPE IV L DT BLADE BASE | 124 | 118 | 9 | 247730 | 95.16 |
| | | | | 118 | 9 | 247730 | 95.16 |
| | 277 | TYPE IV 1/2 LT HW BASE STOCK | 124 | 114 | 1 | 4090 | 91.93 |
| | | | | 114 | 1 | 4090 | 91.93 |
| | 278 | TYPE IV 1/2 LT LW BLADE BASE | 104 | 119 | 2 | 22230 | 114.42 |
| | | | 104 | 114 | 2 | 35020 | 109.61 |
| | | | | 116 | 4 | 57250 | 111.48 |
| | 1000 | O.P. OFFSET | 114 | 114 | 18 | 417270 | 100.00 |
| | | | | 114 | 18 | 417270 | 100.00 |
| | 1208 | A.M. PRIDE | 110 | 117 | 1 | 8220 | 106.36 |
| | | | 110 | 115 | 1 | 22200 | 104.54 |
| | | | 110 | 109 | 2 | 35010 | 99.09 |
| | | | 110 | 107 | 2 | 18860 | 97.27 |
| | | | | 111 | 6 | 84290 | 100.83 |
| | 1210 | GENERIC OFFSET | 110 | 107 | 1 | 20040 | 97.27 |
| | | | | 107 | 1 | 20040 | 97.27 |
| | 1600 | PRIDE OPAQUE | 110 | 115 | 5 | 38840 | 104.54 |
| | | | | 115 | 5 | 38840 | 104.54 |
| | 1805 | ALLIED PRIDE | 110 | 119 | 3 | 38220 | 108.18 |
| | | | 110 | 105 | 4 | 46220 | 96.46 |
| | | | | 111 | 7 | 83440 | 101.28 |
| | 2104 | BRITISH OPAQUE | 110 | 118 | 1 | 21260 | 107.27 |
| | | | | 118 | 1 | 21260 | 107.27 |
| | 2240 | LAWYERS WHITE OFFSET | 110 | 110 | 7 | 106300 | 100.00 |
| | | | | 110 | 7 | 106300 | 100.00 |

MACH TRIM EFFICIENCY BY GRADE THRU WEEK 4 OF MONTH 08.1984

| MACH | GRADE | GRADE NAME | STANDARD TRIM | ACTUAL TRIM | NO OF OCCURRENCE | QUAN LBS | EFFICIENCY |
|---|---|---|---|---|---|---|---|
| | 2514 | INTERNATIONAL HARVESTER OPAQUE | 105 | 111 | 3 | 23270 | 105.71 |
| | | | 105 | 105 | 1 | 20310 | 100.00 |
| | | | | 108 | 4 | 43580 | 103.05 |
| | 2543 | A.P. LIGHTWEIGHT | 112 | 103 | 3 | 44830 | 91.96 |
| | | | | 103 | 3 | 44830 | 91.96 |
| | 2545 | A.P. LIGHTWEIGHT | 110 | 107 | 4 | 90010 | 97.27 |
| | | | 110 | 106 | 2 | 30700 | 96.36 |
| | | | 110 | 100 | 4 | 79310 | 90.90 |
| | | | | 104 | 10 | 200020 | 94.60 |
| | 2552 | A.P. LIGHT WEIGHT | 102 | 105 | 5 | 88180 | 102.94 |
| | | | | 105 | 5 | 88180 | 102.94 |
| | 3502 | SCHOOL COTE | 105 | 119 | 3 | 40320 | 113.33 |
| | | | | 119 | 3 | 40320 | 113.33 |
| | 6100 | WHITE CAP GUN STOCK | 108 | 100 | 2 | 23760 | 92.59 |
| | | | | 100 | 2 | 23760 | 92.59 |
| | 7100 | K WHITE OFFSET | 110 | 105 | 2 | 39260 | 95.45 |
| | | | | 105 | 2 | 39260 | 95.45 |
| | 7101 | K WHITE OFFSET | 110 | 113 | 2 | 31800 | 102.72 |
| | | | | 113 | 2 | 31800 | 102.72 |
| | 7102 | K WHITE OFFSET | 110 | 105 | 7 | 72410 | 95.45 |
| | | | 110 | 102 | 2 | 10770 | 92.72 |
| | | | | 105 | 9 | 83180 | 95.10 |
| | 7121 | B.W. K OFFSET - ANTIQUE | 110 | 104 | 2 | 44380 | 94.54 |
| | | | | 104 | 2 | 44380 | 94.54 |
| | 7122 | BW K OFFSET - ANTIQUE | 110 | 104 | 2 | 30600 | 94.54 |
| | | | 110 | 99 | 1 | 22260 | 90.00 |
| | | | | 102 | 3 | 52860 | 92.63 |
| | 7123 | BW K OFFSET - ANTIQUE | 110 | 110 | 2 | 24400 | 100.00 |
| | | | | 110 | 2 | 24400 | 100.00 |
| | 7200 | RAVENSWOOD OPAQUE | 110 | 105 | 4 | 80760 | 95.45 |
| | | | | 105 | 4 | 80760 | 95.45 |
| | 7202 | RAVENSWOOD OPAQUE | 110 | 105 | 4 | 43730 | 95.45 |
| | | | | 105 | 4 | 43730 | 95.45 |
| | 7204 | RAVENSWOOD OPAQUE | 110 | 105 | 3 | 13130 | 95.45 |
| | | | 110 | 99 | 1 | 20120 | 90.00 |

854193