State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

5165082806 2

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

95316224

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD086510005 Manifest Document No. 16224

2. Page 1 of 2

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Douglas Aircraft Company, C1-Q6C (11-11) Attn: Rob Tuell
3855 Lakewood Blvd. Long Beach, CA 90846

4. Generator's Phone (310) 496-6287 or (310) 593-3101

A. State Manifest Document Number: 95316224

B. State Generator's ID: HAHQ360056 98

5. Transporter 1 Company Name: Laidlaw Environmental Services of CA, Inc.

6. US EPA ID Number: CAD000083121

C. State Transporter's ID: 446008

D. Transporter's Phone: (310) 518-4700

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Chem-Tech Systems
3650 East 26th Street
Los Angeles, CA 90023

10. US EPA ID Number: CAT080033681

G. State Facility's ID: CAT080033681

H. Facility's Phone: (213) 268-5056

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. RQ, Waste hydrochloric acid solution, 8, UN1719, PG II (D002)	003	DF	00355	P	State 791; EPA/Other D002
b. RQ, Waste sulfuric acid, 8, UN1830, PG II (D002)	002	DF	01480	P	State 791; EPA/Other D002
c. RQ, Waste corrosive liquids, n.o.s. (nitric acid, chromic acid) 8, UN1760, PGIII (D002, D007)	001	DF	00510	P	State 792; EPA/Other D002
d. RQ, Waste sodium hydroxide solution, 8, UN1824, PG II (D002)	001	DF	00380	P	State 121; EPA/Other D002

J. Additional Descriptions for Materials Listed Above
11a. 101010-04. Virgin Hydrochloric acid from chem stores.
11b. 104364. Virgin Sulfuric acid from chem stores.
11c. 101010-4. Rinse water with mixed acids. ~~(D002)~~ Additional Code: D007
11d. 104353. Sodium hydroxide solution. RAJ 04-10-95

K. Handling Codes for Wastes Listed Above
a. 01 b. 01
c. 01 d. 01

15. Special Handling Instructions and Additional Information
24 Hour emergency telephone number (800) 424-9300 (Chemtrec). DOT ERG# 11a) 60 b) 39 c&d) 60
Site address: 19503 South Normandie Avenue, Torrance, CA 90502.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Robert G. Tuell, Jr. Signature: Robert G. Tuell, Jr. Month 04 Day 10 Year 95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JACK JOHNSON Signature: Jack Johnson Month 04 Day 10 Year 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Rudy HARRIS Signature: Rudy Harris Month 04 Day 10 Year 95

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
(Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

DTSC 8022A (9/94)
EPA 8700—22

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST
(Continuation Sheet)

21. Generator's US EPA ID No. CAD086510005 Manifest Document No. 162 2 4

22. Page 2 of 2

Information in the shaded areas is not required by Federal law.

23. Generator's Name

Douglas Aircraft Company, C1-Q6C (11-11) Attn: Rob Tuell
3855 Lakewood Blvd. Long Beach CA, 90846

L. State Manifest Document Number 95316224

M. State Generator's ID HAHQ36005698

24. Transporter ___ Company Name

25. US EPA ID Number

N. State Transporter's ID

O. Transporter's Phone

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

GENERATOR

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	RQ, Waste caustic alkali liquids, n.o.s. (potassium hydroxide), 8, UN1719, PG III(D002)		002	DM	00610	P	122 D002
b.	RQ, Waste caustic alkali liquids, n.o.s. (potassium hydroxide), 8, UN1719, PG III(D002)		004	DF	01385	P	122 D002
c.	Water based maskant Non-RCRA hazardous waste liquid		003	DM	00925	P	291 N/R
d.	Alkaline cleaner Non-RCRA hazardous waste liquid		001	DF	00480	P	122 N/R
e.							
f.							
g.							
h.							
i.							

CERTIFICATE OF TREATMENT/RECYCLING

CHEM-TECH SYSTEMS, INC. certifies that the liquid waste received with this manifest will be treated to standards mandated by the FEDERAL CLEAN WATER ACT and the Los Angeles County Sanitation Districts' effluent requirements. Treatment/recycling is performed under permits granted by the California Department of Toxic Substances Control, Environmental Protection Agency, Provisions of the Resource Conservation and Recovery Act (RCRA) of 1976, and applicable federal and state regulations. The generator's responsibility for this liquid waste is eliminated under both RCRA and Proposition 65.

CHEM-TECH SYSTEMS, INC., a California Corporation

By: G. Khorami

Director of Lab Services and Process Management

S. Additional Descriptions for Materials Listed Above

28a. 110207-07. Alkaline cleaner from chem stores
28b. 110207-07. Alkaline cleaner from chem stores
28c. 250105-02. Water based maskant from chem stores.
28d. 00510-03. Ardrox 180-B virgin material from chem stores

T. Handling Codes for Wastes Listed Above

01

32. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY TELEPHONE NUMBER (800) 424- 9300 (CHEMTREC).
DOT ERG# 11a&b) 60 c&d) 31

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date Month Day Year

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date Month Day Year

FACILITY

35. Discrepancy Indication Space

Style CF18-6 Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808

EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete.

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

ORIGINAL-RETURN TO GENERATOR

BOE-C6-0212732

State of California—Environmental Protection Agency
Form Approved OMB No. 2050–0039 (Expires 9-30-96)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD086510005 Manifest Document No. 16224

2. Page 1 of 2

Information in the shaded areas is not required by Federal law.

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3855 Lakewood Blvd. Long Beach, CA 90846

4. Generator's Phone (310) 496-6287 or (310) 593-3101

A. State Manifest Document Number: 95316224

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6. US EPA ID Number: CAD000083121

C. State Transporter's ID: 446008

D. Transporter's Phone: (310) 518-4700

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Chem-Tech Systems
3650 East 26th Street
Los Angeles, CA 90023

10. US EPA ID Number: CAT080033681

G. State Facility's ID

H. Facility's Phone: (213) 268-5056

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RQ[b], Waste sulfuric acid, 8, UN1830, PG II (D002)	002	DF	01480	P	State 791; EPA/Other D002
RQ[c], Waste corrosive liquids, n.o.s. (nitric acid, chromic acid) 8, UN1760, PGIII (D002, D007)	001	DF	00510	P	State 792; EPA/Other D002
RQ[d], Waste sodium hydroxide solution, 8, UN1824, PG II (D002)	001	DF	00380	P	State 121; EPA/Other D002

J. Additional Descriptions for Materials Listed Above
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11b. 104364. Virgin Sulfuric acid from chem stores.
11c. 101010-4. Rinse water with mixed acids. (D002) Additional Code: D007
11d. 104353. Sodium hydroxide solution. RB 04-10-95

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
24 Hour emergency telephone number (800) 424-9300 (Chemtrec). DOT ERG# 11a) 60 b) 39 c&d) 60
Site address: 19503 South Normandie Avenue, Torrance, CA 90502.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Robert G. Tuell, Jr. Signature: Robert G. Tuell, Jr. Month 04 Day 10 Year 95

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JACK JOHNSON Signature: Jack Johnson Month 04 Day 10 Year 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Signature Month Day Year

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RES SE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-

95316224

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (9/94)
EPA 8700—22

Yellow: GENERATOR RETAINS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.	Manifest Document No.	22. Page	Information in the shaded areas is not required by Federal law.
CAD086510005	16224	2 of 2	

23. Generator's Name

Douglas Aircraft Company, C1-Q6C (11-11) Attn: Rob Tuell
3855 Lakewood Blvd. Long Beach CA. 90646

L. State Manifest Document Number: 95316224

M. State Generator's ID: HAHQ36005698

24. Transporter ___ Company Name

25. US EPA ID Number

N. State Transporter's ID

O. Transporter's Phone

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
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b.	RQ Waste caustic alkali liquids, n.o.s. (potassium hydroxide), 8, UN1719, PG III(D002)		004	DF	01385	P	122 D002
c.	Water based maskant Non-RCRA hazardous waste liquid		003	DM	00925	P	291 N/R
d.	Alkaline cleaner Non-RCRA hazardous waste liquid		001	DF	00480	P	122 N/R
e.							
f.							
g.							
h.							
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28d. 00510-03. Ardrox 180-B virgin material from chem stores

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY TELEPHONE NUMBER (800) 424-9300 (CHEMTREC).
DOT ERG# 11a&b) 60 c&d) 31

33. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year

35. Discrepancy Indication Space

GENERATOR

TRANSPORTER

FACILITY

Style CF18-6 Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808

EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete.

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PRINTED WITH SOY INK

GENERATOR COPY

BOE-C6-0212734

CHEM·TECH·SYSTEMS
a commitment to a clean environment
3650 E. 26th Street
Los Angeles, CA 90023

CALIFORNIA LAND DISPOSAL RESTRICTION NOTICE AND CERTIFICATION

FORM V

Generator Name: Douglas Aircraft Company

Manifest Number: 16224 | 95316224

Generator Address: 19503 S Normandie Ave, Torrance CA 90502

California Hazardous Waste Code(s) / Manifest Line Number(s) / Approval Number(s):

CA Haz. Waste Code	Manifest Line #	Approval #	CA Haz. Waste Code	Manifest Line #	Approval #	CA Haz. Waste Code	Manifest Line #	Approval #	CA Haz. Waste Code	Manifest Line #	Approval #
291	28c	250105-02									
122	28d	00510-03									

This form is submitted to Pacific Resource Recovery Services (PRRS) in accordance with the requirements of CCR Title 22, Chapter 18, Article 1, which restricts the land disposal of certain hazardous wastes. I have marked the appropriate box (boxes A through D) below to indicate how my waste must be managed to conform to the land disposal restrictions. A copy of all applicable treatment standards and waste analysis data, where available, is maintained at the PRRS facility identified on the manifest referenced above. I have entered the appropriate California Waste Code and checked the appropriate box in the table below to indicate the applicable non-RCRA hazardous waste listing from 22 CCR § 66268.29.

✓	State of California Restricted Waste Description Listed in 22 CCR § 66268.29	Prohibition Implementation Date	Corresponding Treatment Standard (from 22 CCR)
	1. Metal-containing aqueous waste identified in 22 CCR 66268.29(a)	01/26/90	66268.107(a)
	2. PCB wastes identified in section 66268.29(b)	01/27/90	66268.110
	3. Auto shredder waste identified in section 66268.29(c)	05/08/91	66268.106(a)(1)
	4. Non-wastewater solvent waste identified in section 66268.29(d)	01/01/96	66268.107(b)
	5. Hazardous waste foundry sand identified in section 66268.29(e)	01/01/91	66268.106(a)(2)
	6. (reserved) (for oily petroleum wastes)		
	7. Metal-containing solid waste identified in section 66268.29(g)	01/01/96	66268.106(a)(3)
	8. Fly ash, bottom ash, retort ash or baghouse waste identified in 66268.29(h)	01/01/91	66268.106(a)(4)
	9. Baghouse waste from foundries identified in section 66268.29(i)	01/01/91	66268.106(a)(5)
	10. Aqueous and liquid organic waste identified in section 66268.29(j)	01/01/96	66268.112
✓	11. Solid waste containing organics identified in section 66268.29(k)	01/01/96	66268.113
	12. (reserved) (for liquid redox with metals)		
	13. Asbestos-containing waste identified in section 66268.29(m)	03/01/93	66268.114

☑ **A. RESTRICTED WASTE REQUIRES TREATMENT**
I am the generator of the waste identified above which must be treated to meet the applicable treatment standards set forth in CCR Title 22, Article 4 or Article 11 of Chapter 18.

☐ **B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS**
"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in Article 4 and Article 11 of Chapter 18, Division 4.5, Title 22, CCR and all applicable prohibitions set forth in section 66268.32 or RCRA section 3004(d) [42 U.S.C. Section 6924(d)] without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

☐ **B.2 RESTRICTED ASBESTOS WASTE TREATED TO PERFORMANCE STANDARD**
"I warrant that I am an authorized representative of the generator. I certify under penalty of law that the waste complies with the treatment standards specified in CCR, Title 22, Division 4.5, Chapter 18, section 66268.114. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

☐ **C. RESTRICTED WASTE SUBJECT TO AN EXEMPTION [22 CCR 66268.7(a)(3)]**
The waste identified above is subject to a prohibition implementation date of _____.

☐ **D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT TREATMENT**
"I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification, that the waste complies with the treatment standards specified in CCR Title 22, Division 4.5, Chapter 18, Article 4 and Article 11 and all aplicable prohibitions set forth in CCR Title 22, Section 66268.32 or RCRA Section 3004(d) [42 U.S.C. Section 6924(d)]. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.

Signature: Robert G. Tuell, Jr.

Date: 04-10-95

Authorized Representative Print Name: Robert G. Tuell, Jr.

Title: Sr. Plant Engineer

Note: Generator address and printed name of authorized representative required for Box B.2

(213) 268-5056 FAX (213) 268-9672 EPA # CAT 080033681

CHEM·TECH·SYSTEMS
a commitment to a clean environment
3650 E. 26th Street
Los Angeles, CA 90023

LAND DISPOSAL RESTRICTION NOTIFICATION

This notification form shall be completed by the generator and shall accompany each shipment of restricted waste subject to the Land Disposal Restrictions (40 CFR 268 Subpart C).

- Complete all information in Section I.
- Check mark all appropriate Regulated Constituents in Section II and/or complete Section III.
- Sign and date Section IV.
- Complete, sign and date California LDR Form V (as applicable).

SECTION I

GENERATOR'S NAME	Douglas Aircraft Company
EPA I.D. NUMBER	CAD 086510005
MANIFEST NUMBER	16224 / 95316224
TREATABILITY GROUP	(Check one) ☐ Wastewater ☑ Non-Wastewater
HAZARDOUS DEBRIS	☐ Yes ☑ No

EPA HAZARDOUS WASTE CODE(S) –

D002								

☑ There are no underlying hazardous constituents of concern, or
☐ There are underlying hazardous constituents of concern which do not meet the treatment standards of 40 CFR 268.48, Table UTS – Universal Treatment Standards (see Section II).

I have used the following to make the above determination:
☑ Knowledge of the waste producing process, raw materials used and reaction products, or
☐ Results of analysis for the constituents in Table UTS.

Waste analysis data attached? ☐ Yes ☑ No

NON-RCRA WASTE *(If checked, complete the California Land Disposal Restriction Notice and Certification – Form V)*	*(Check all that apply)* ☐ 11a ☐ 11b ☐ 11c ☐ 11d ☑ other (28a – 28i)

(213) 268-5056 FAX (213) 268-9672 EPA # CAT 080033681

40 CFR 268.48 TABLE UTS – UNIVERSAL TREATMENT STANDARDS *(Continued)*

Regulated constituent – common name	CAS[1] NO.	Wastewater standard concentration in mg/l[2]	Non-wastewater standard concentration in mg/kg[3] unless noted as "mg/l TCLP"
☐ o-Nitrophenol	88-75-5	0.28	13
☐ p-Nitrophenol	100-02-7	0.12	29
☐ N-Nitrosodiethylamine	55-18-5	0.40	28
☐ N-Nitrosodimethylamine	62-75-9	0.40	2.3
☐ N-Nitroso-di-n-butylamine	924-16-3	0.40	17
☐ N-Nitrosomethylethylamine	10595-95-6	0.40	2.3
☐ N-Nitrosomorpholine	59-89-2	0.40	2.3
☐ N-Nitrosopiperidine	100-75-4	0.013	35
☐ N-Nitrosopyrrolidine	930-55-2	0.013	35
☐ Parathion	56-38-2	0.014	4.6
☐ Pentachlorobenzene	608-93-5	0.055	10
☐ Pentachlorodibenzo-furans	NA	0.000063	0.001
☐ Pentachlorodibenzo-p-dioxins	NA	0.000063	0.001
☐ Pentachloroethane	76-01-7	0.055	6
☐ Pentachloronitrobenzene	82-68-8	0.055	4.8
☐ Pentachlorophenol	87-86-5	0.089	7.4
☐ Phenacetin	62-44-2	0.081	16
☐ Phenanthrene	85-01-8	0.059	5.6
☐ Phenol	108-95-2	0.039	6.2
☐ Phorate	298-02-2	0.021	4.6
☐ Phthalic acid	100-21-0	0.055	28
☐ Phthalic anhydride	85-44-9	0.055	28
☐ Pronamide	23950-58-5	0.093	1.5
☐ Propanenitrile (Ethyl cyanide)	107-12-0	0.24	360
☐ Pyrene	129-00-0	0.067	8.2
☐ Pyridine	110-86-1	0.014	16
☐ Safrole	94-59-7	0.081	22
☐ Silvex (2,4,5-TP)	93-72-1	0.72	7.9
☐ 2,4,5-T	93-76-5	0.72	7.9
☐ 1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
☐ Tetrachlorodibenzo-furans	NA	0.000063	0.001
☐ Tetrachlorodibenzo-p-dioxins	NA	0.000063	0.001
☐ 1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
☐ 1,1,2,2-Tetrachloroethane	79-34-5	0.057	6.0
☐ Tetrachloroethylene	127-18-4	0.056	6.0
☐ 2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
☐ Toluene	108-88-3	0.080	10
☐ Toxaphene	8001-35-2	0.0095	2.6
☐ Tribromomethane (bromoform)	75-25-2	0.63	15
☐ 1,2,4-Trichlorobenzene	120-82-1	0.055	19
☐ 1,1,1-Trichloroethane	71-55-6	0.054	6.0
☐ 1,1,2-Trichloroethane	79-00-5	0.054	6.0
☐ Trichloroethylene	79-01-6	0.054	6.0
☐ Trichloromonofluoromethane	75-69-4	0.020	30
☐ 2,4,5-Trichlorophenol	95-95-4	0.18	7.4
☐ 2,4,6-Trichlorophenol	88-06-2	0.035	7.4
☐ 1,2,3-Trichloropropane	96-18-4	0.85	30
☐ 1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.057	30
☐ Vinyl chloride	75-01-4	0.27	6.0
☐ Xylenes (total)	1330-20-7	0.32	30
☐ Total PCBs	1336-36-3	0.1	10
☐ Antimony	7440-36-0	1.9	2.1 TCLP
☐ Arsenic	7440-38-2	1.4	5.0 TCLP
☐ Barium	7440-39-3	1.2	7.6 TCLP
☐ Beryllium	7440-41-7	0.82	0.014 TCLP
☐ Cadmium	7440-43-9	0.69	0.19 TCLP
☐ Chromium (total)	7440-47-3	2.77	0.86 TCLP
☐ Cyanide (total)	57-12-5	1.2	590[4]
☐ Cyanide (amenable)	57-12-5	0.86	30[4]
☐ Fluoride	16984-48-8	35	NA
☐ Lead	7439-92-1	0.69	0.37 TCLP
☐ Mercury – NWW from Retort	7439-97-6	0.15	0.20 TCLP
☐ Mercury – all others	7439-97-6	0.15	0.025 TCLP
☐ Nickel	7440-02-0	3.98	5.0 TCLP
☐ Selenium	7782-49-2	0.82	0.16 TCLP
☐ Silver	7440-22-4	0.43	0.30 TCLP
☐ Sulfide	8496-25-8	14.0	NA
☐ Thallium	7440-28-0	1.4	0.078 TCLP
☐ Vanadium	744-62-2	4.3	0.23 TCLP
☐ Zinc[5]	7440-66-8	2.61	5.3 TCLP

Please complete as applicable:

☐ **Alternative Treatment Standard Lab Pack**

Manifest Line No. | | | | | |

Benzene NESHAP Control Requirement:
For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSDFs handling wastes subject to 40 CFR 61 subpart FF ONLY:

☐ This waste is a "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR 61 subpart FF.

Manifest Line No. | | | | | |

California List Wastes:

☐ Liquid hazardous wastes having a pH less than or equal to 2.0

☐ Liquid hazardous wastes containing PCBs at a concentration greater than or equal to 50 ppm

☐ Liquid hazardous wastes that contain HOCs in total concentration greater than or equal to 1000 mg/l

☐ Nonliquid hazardous wastes containing HOCs in total concentration greater than or equal to 1000 mg/kg

☐ Free (amenable to chlorination) cyanides greater than or equal to 1000 mg/l

☐ One or more of the following metals greater than or equal to the following:
Arsenic and/or compounds: 500 mg/l
Cadmium and/or compounds: 100 mg/l
Chromium and/or compounds: 500 mg/l
Lead and/or compounds: 500 mg/l
Mercury and/or compounds: 20 mg/l
Nickel and/or compounds: 134 mg/l
Selenium and/or compounds: 100 mg/l
Thallium and/or compounds: 130 mg/l

[1]CAS means Chemical Abstract Services. When the waste code and/or regulated constituents are described as a combination of a chemical with its salts and/or esters, the CAS number is given for the parent compound only.

[2]Concentration standards for wastewaters are expressed in mg/l are based on analysis of composite samples.

[3]Except for Metals (EP or TCLP) and Cyanides (Total and Amenable) the nonwastewater treatment standards expressed as a concentration were established, in part, based upon incineration in units operated in accordance with the technical requirements of 40 CFR part 264, subpart O or 40 CFR part 265, subpart O, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatments standards according to provisions in 40 CFR 268.40(d). All concentration standards for nonwastewaters are based on analysis of grab samples.

[4]Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010 or 9012, found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846, as incorporated by reference in 40 CFR 260.11, with a sample size of 10 grams and a distillation time of one hour and 15 minutes.

[5]Zinc is not an "underlying hazardous constituent" in characteristic wastes, according to the definition at 268.2(i).

Note: NA means not applicable.

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ADDITIONAL RESTRICTED WASTE IDENTIFICATION/ TREATMENT STANDARDS AND CERTIFICATION FORM

SECTION III

Complete Section III if the restricted wastes (i.e., EPA Hazardous Waste Code) as listed in Section I do not meet the applicable treatment standards in 40 CFR 268.40 (Treatment Standards for Hazardous Wastes) and have not been identified as required in Section II.

EPA Hazardous Waste Code	Subcategory (If applicable)	Appropriate Treatment Standard	Alternative Treatment Technology (Debris)
D002	Alkaline	~~Deact~~ RBJ 04-10-95	Deact
D002	Acid	~~Deact~~ RBJ 04-10-95	Deact

SECTION IV

I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.

Company Name: Douglas Aircraft Company

Authorized Signature: Robert G. Tuell, Jr.

Printed Name: Robert G. Tuell, Jr.

Date: 04-10-95

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UNIVERSAL TREATMENT STANDARDS

SECTION II

The Underlying Hazardous Consituents must be identified for waste streams which carry the EPA Waste Codes F001–F005, F039, D001 (only D001 not treated by CMBST or RORGS), D012–D043 (only D012–D043 if treated in Non-CWA, Non-CWA equivalent or Non-SDWA facilities).

The wastes identified on the aforementioned manifest document number and bearing the EPA Hazardous Waste Number(s) identified in Section I are subject to the Land Disposal Restrictions of 40 CFR 268 Subpart C. The wastes do not meet the applicable treatment standards specified in 40 CFR 268 Subpart D or exceeds the applicable prohibition levels specified in 40 CFR 268.32 (California list wastes) or RCRA Section 3004(d). In compliance with the requirements of 40 CFR 268.7 and 268.9 we are indicating below the applicable constituents of concern.

40 CFR 268.48 TABLE UTS – UNIVERSAL TREATMENT STANDARDS

Regulated constituent – common name	CAS[1] NO.	Wastewater standard concentration in mg/l[2]	Non-wastewater standard concentration in mg/kg[3] unless noted as "mg/l TCLP"
☐ Acenaphthylene	208-96-8	0.059	3.4
☐ Acenaphthene	83-32-9	0.059	3.4
☐ Acetone	67-64-1	0.28	160
☐ Acetonitrile	75-05-8	5.6	1.8
☐ Acetophenone	98-86-2	0.010	9.7
☐ 2-Acetylaminofluorene	53-96-3	0.059	140
☐ Acrolein	107-02-8	0.29	NA
☐ Acrylamide	79-06-1	19	23
☐ Acrylonitrile	107-13-1	0.24	84
☐ Aldrin	309-00-2	0.021	0.066
☐ 4-Aminobiphenyl	92-67-1	0.13	NA
☐ Aniline	62-53-3	0.81	14
☐ Anthracene	120-12-7	0.059	3.4
☐ Aramite	140-57-8	0.36	NA
☐ alpha-BHC	319-84-6	0.00014	0.066
☐ beta-BHC	319-85-7	0.00014	0.066
☐ delta-BHC	319-86-8	0.023	0.066
☐ gamma-BHC	58-89-9	0.0017	0.066
☐ Benz(a)anthracene	56-55-3	0.059	3.4
☐ Benzal chloride	98-87-3	0.055	6.0
☐ Benzene	71-43-2	0.14	10
☐ Benzo(a)pyrene	50-32-8	0.061	3.4
☐ Benzo(b)fluoranthene	205-99-2	0.11	6.8
☐ Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
☐ Benzo(k)fluoranthene	207-08-9	0.11	6.8
☐ bis-(2-Chloroethoxy) methane	111-91-1	0.036	7.2
☐ bis-(2-Chloroethyl) ether	111-44-4	0.033	6.0
☐ bis-(Chloroisopropyl) ether	108-60-1	0.055	7.2
☐ bis-(Ethylhexyl) phthalate	117-81-7	0.28	28
☐ Bromodichloromethane	75-27-4	0.35	15
☐ Bromomethane (methyl bromide)	74-83-9	0.11	15
☐ 4-Bromophenyl phenyl ether	101-55-3	0.055	15
☐ n-Butyl alcohol	71-36-3	5.6	2.6
☐ Butyl benzyl phthalate	85-68-7	0.017	28
☐ 2-sec-Butyl-4,6-dinitrophenol dinoseb	88-85-7	0.066	2.5
☐ Carbon disulfide	75-15-0	3.8	4.8 TCLP
☐ Carbon tetrachloride	56-23-5	0.057	6.0
☐ Chlordane (alpha & gamma isomers)	57-74-9	0.0033	0.26
☐ p-Chloroaniline	106-47-8	0.46	16
☐ Chlorobenzene	108-90-7	0.057	6.0
☐ Chlorobenzilate	510-15-6	0.10	NA
☐ 2-Chloro-1,3-butadiene	126-99-8	0.057	0.28
☐ Chlorodibromomethane	124-48-1	0.057	15
☐ Chloroethane	75-00-3	0.27	6.0
☐ Chloroform	67-66-3	0.046	6.0
☐ p-Chloro-m-cresol	59-50-7	0.018	14
☐ 2-Chloroethyl vinyl ether	110-75-8	0.062	NA
☐ Chloromethane (methyl chloride)	74-87-3	0.19	30

Regulated constituent – common name	CAS[1] NO.	Wastewater standard concentration in mg/l[2]	Non-wastewater standard concentration in mg/kg[3] unless noted as "mg/l TCLP"
☐ 2-Chloronaphthalene	91-8-7	0.055	5.6
☐ 2-Chlorophenol	95-57-8	0.044	5.7
☐ 3-Chloropropylene	107-05-1	0.036	30
☐ Chrysene	218-01-9	0.059	3.4
☐ p-Cresol	106-44-5	0.77	5.6
☐ m-Cresol	108-39-4	0.77	5.6
☐ o-Cresol	95-48-7	0.11	5.6
☐ Cyclohexanone	108-94-1	0.36	0.75 TCLP
☐ 2-4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	0.72	10
☐ o,p'-DDD	53-19-0	0.023	0.087
☐ p,p'-DDD	72-54-8	0.023	0.087
☐ o,p'-DDE	3424-82-6	0.031	0.087
☐ p,p'-DDE	72-55-9	0.031	0.087
☐ o,p'-DDT	789-02-6	0.0039	0.087
☐ p,p'-DDT	50-29-3	0.0039	0.087
☐ Dibenzo(a,e)pyrene	192-65-4	0.061	NA
☐ Dibenzo(a,h)anthracene	53-70-3	0.055	8.2
☐ tris-(2,3-Dibromopropyl) phosphate	126-72-7	0.11	0.10
☐ 1,2-Dibromo-3-Chloropropane	96-12-8	0.11	15
☐ 1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.028	15
☐ Dibromomethane	74-95-3	0.11	15
☐ m-Dichlorobenzene	541-73-1	0.036	6
☐ o-Dichlorobenzene	95-50-1	0.088	6
☐ p-Dichlorobenzene	106-46-7	0.090	6
☐ Dichlorodifluoromethane	75-71-8	0.23	7.2
☐ 1,1-Dichloroethane	75-34-3	0.059	6
☐ 1,2-Dichloroethane	107-06-2	0.21	6
☐ 1,1-Dichloroethylene	75-34-4	0.025	6
☐ trans-1,2-Dichloroethylene	156-60-5	0.054	30
☐ 2,4-Dichlorophenol	120-83-2	0.044	14
☐ 2,6-Dichlorophenol	87-65-0	0.044	14
☐ 1,2-Dichloropropane	78-87-5	0.85	18
☐ cis-1,3-Dichloropropylene	10061-01-5	0.036	18
☐ trans-1,3-Dichloropropylene	10061-02-6	0.036	18
☐ Dieldrin	60-57-1	0.017	0.13
☐ Diethyl phthalate	84-66-2	0.20	28
☐ p-Dimethylaminoazobenzene	60-11-7	0.13	NA
☐ 2,4-Dimethyl phenol	105-67-9	0.036	14
☐ Dimethyl phthalate	131-11-3	0.047	28
☐ Di-n-butyl phthalate	84-74-2	0.057	28
☐ 1,4-Dinitrobenzene	100-25-4	0.32	2.3
☐ 4,6-Dinitro-o-cresol	534-52-1	0.28	160
☐ 2,4-Dinitrophenol	51-28-5	0.12	160
☐ 2,4-Dinitrotoluene	121-14-2	0.32	140
☐ 2,6-Dinitrotoluene	606-20-2	0.55	28
☐ Di-n-octyl phthalate	117-84-0	0.017	28
☐ Di-n-propylnitrosamine	621-64-7	0.40	14
☐ Diphenylamine	122-39-4	0.92	13
☐ 1,2-Diphenylhydrazine	122-66-7	0.087	NA

Regulated constituent – common name	CAS[1] NO.	Wastewater standard concentration in mg/l[2]	Non-wastewater standard concentration in mg/kg[3] unless noted as "mg/l TCLP"
☐ Diphenylnitrosamine	86-30-6	0.92	13
☐ 1,4-Dioxane	123-91-1	NA	170
☐ p-Dimethylaminoazobenzene	60-11-7	0.13	NA
☐ Disulfoton	298-04-4	0.017	6.2
☐ Endosulfan I	959-98-8	0.023	0.066
☐ Endosulfan II	33213-6-5	0.029	0.13
☐ Endosulfan sulfate	1-31-07-8	0.029	0.13
☐ Endrin	72-20-8	0.0028	0.13
☐ Endrin aldehyde	7421-93-4	0.025	0.13
☐ Ethyl acetate	141-78-6	0.34	33
☐ Ethyl benzene	100-41-4	0.057	10
☐ Ethyl ether	60-29-7	0.12	160
☐ Ethyl methacrylate	97-63-2	0.14	160
☐ Ethylene oxide	75-21-8	0.12	NA
☐ Famphur	52-85-7	0.017	15
☐ Fluoranthene	206-44-0	0.068	3.4
☐ Fluorene	86-73-7	0.059	3.4
☐ Heptachlor	76-44-8	0.0012	0.066
☐ Heptachlor epoxide	1024-57-3	0.016	0.066
☐ Hexachlorobenzene	118-74-1	0.055	10
☐ Hexachlorobutadiene	87-68-3	0.055	5.6
☐ Hexachlorodibenzo-furans	NA	0.000063	0.001
☐ Hexachlorodibenzo-p-dioxins	NA	0.000063	0.001
☐ Hexachlorocyclopentadiene	77-47-4	0.057	2.4
☐ Hexachloroethane	67-72-1	0.055	30
☐ Hexachloropropylene	1888-71-7	0.035	30
☐ Indeno (1,2,3-c,d)pyrene	193-39-5	0.0055	3.4
☐ Iodomethane	74-88-4	0.19	65
☐ Isobutyl alcohol	78-83-1	5.6	170
☐ Isodrin	465-73-6	0.021	0.066
☐ Isosafrole	120-58-1	0.081	2.6
☐ Kepone	143-50-8	0.0011	0.13
☐ Methacrylonitrile	126-98-7	0.24	84
☐ Methanol	67-56-1	5.6	0.75 TCLP
☐ Methapyrilene	91-80-5	0.081	1.5
☐ Methoxychlor	72-43-5	0.25	0.18
☐ 3-Methylcholanthrene	56-49-5	0.0055	15
☐ 4,4-Methylene-bis-(2-chloroaniline)	101-14-4	0.50	30
☐ Methylene chloride	75-09-2	0.089	30
☐ Methyl ethyl ketone	78-93-3	0.28	36
☐ Methyl isobutyl ketone	108-10-1	0.14	33
☐ Methyl methacrylate	80-62-6	0.14	160
☐ Methyl methanesulfonate	66-27-3	0.018	NA
☐ Methyl Parathion	298-00-0	0.014	4.6
☐ Naphthalene	91-20-3	0.059	5.6
☐ 2-Naphthylamine	91-59-8	0.52	NA
☐ p-Nitroaniline	100-01-6	0.028	28
☐ o-Nitroaniline	88-74-4	0.27	14
☐ Nitrobenzene	98-95-3	0.068	14
☐ 5-Nitro-o-toluidine	99-55-8	0.32	28

Continued over/...

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CALIFORNIA LAND DISPOSAL RESTRICTION NOTICE AND CERTIFICATION FORM V – REVERSE SIDE
CALIFORNIA LIST TREATMENT STANDARDS

If the waste identified on the other side of this form is described by any of the following USEPA hazardous waste codes: F001, F002, F003, F004, F005 and/or this hazardous waste is subject to any prohibitions identified as California List restrictions then this page MUST accompany the shipment, along with the opposite side of this form.

CALIFORNIA LIST TREATMENT STANDARDS – 22 CCR 66268.32, 22 CCR 66268.42 A waste must first be designated as a hazardous waste before the waste can be subject to the California List restrictions.		
Restricted waste description	***Prohibition***	***Treatment Standard***
Liquid* or non-liquid wastes containing Halogenated Organic Compounds listed in 22 CCR 66268 Appendix III or III-A	Liquid* wastes: Greater than or equal to 1,000 mg/l Non-liquid wastes: Greater than or equal to 1,000 mg/kg	22 CCR 66268.42(a)(2) – INCIN Prohibition implementation date 01/01/95 Health and Safety Code Division 20 § 25179.7
Liquid* wastes containing PolyChlorinated Biphenyls (PCBs)	Greater than or equal to 50 ppm	22 CCR 66268.42(a)(1) – INCIN or FSUBS Also see 40 CFR 761.60 and 40 CFR 761.70
Liquid* wastes containing Cyanides	Free (amenable to chlorination) cyanides at concentrations greater than or equal to 1,000 mg/l	22 CCR 66268.32(a) Treated to pass Paint Filter Liquids Test
Liquid* wastes containing Metals	One or more of the following metals (or elements) at concentrations greater than or equal to the following: Arsenic and/or compounds as As: 500 mg/l Cadmium and/or compounds as Cd: 100 mg/l Chromium and/or compounds as Cr: 500 mg/l Lead and/or compounds as Pb: 500 mg/l Mercury and/or compounds as Hg: 20 mg/l Nickel and/or compounds as Ni: 134 mg/l Selenium and/or compounds as Se: 100 mg/l Thallium and/or compounds as Th: 130 mg/l	22 CCR 66268.32(a) Treated to pass Paint Filter Liquids Test
Liquid* Acid wastes	pH less than or equal to 2.0	22 CCR 66268.32(a)

* For the definition of "liquid" refer to Method 9095, the Paint Filter Liquids Test from USEPA Manual SW-846.

F001 through F005 – California Treatment Standards 22 CCR Section 66268.41, 66268.42 and 66268.43					
CONSTITUENTS	TREATMENT STANDARDS*		CONSTITUENTS	TREATMENT STANDARDS*	
	Wastewater	Non-Wastewater		Wastewater	Non-Wastewater
Acetone	0.05	0.58	Methylene chloride from pharmaceutical production	0.44†	N/A
Benzene	0.07†	3.7††	Methyl ethyl ketone	0.05	0.75
n-Butyl alcohol	5.0	5.0	Methyl isobutyl ketone	0.05	0.33
Carbon disulfide	1.05	4.81	Nitrobenzene	0.66	0.125
Carbon tetrachloride	0.05	0.98	2-Nitropropane	WETOX OR CHOXD; fb CARBN OR INCIN**	INCIN**
Chlorobenzene	0.15	0.05			
Cresols and cresylic acid	2.82	0.75	Pyridine	1.12	0.33
Cyclohexanone	0.125	0.75	Tetrachloroethylene	0.079	0.05
1,2-Dichlorobenzene	0.65	0.125	Toluene	1.12	0.33
2-Ethoxyethanol	INCIN OR BIOOG**	INCIN**	1,1,1-Trichloroethane	1.05	0.41
Ethyl acetate	0.05	0.75	1,1,2-Trichloroethane	0.03†	7.6††
Ethylbenzene	0.05	0.053	1,1,2-Trichloro-1,2,2-trifluoroethane	1.05	0.96
Ethyl ether	0.05	0.75	Trichloroethylene	0.062	0.91
Isobutanol	5.0	5.0	Trichlorofluoromethane	0.05	0.96
Methanol	0.25	0.75	Xylene	0.05	0.15
Methylene chloride	0.20	0.96			

* All treatment standards are expressed as mg/l, constituent concentration in waste extract (Table CCWE 22 CCR § 66268.41), unless otherwise indicated.
** Technology based standards from 22 CCR § 66268.42
† Expressed as mg/l constituent concentration in waste (Table CCW, 22 CCR § 66268.43)
†† Expressed as mg/kg constituent concentration in waste (Table CCW, 22 CCR § 66268.43)

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