5/13/97

#38

ORANGE COAST ANALYTICAL, INC.
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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. Suite 100
Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-30-97
Reported: 05-09-97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Sample Result (mg/kg)*
97041376	2BB-36-14-4	30
97041377	2BB-36-14-10	18
97041378	2BB-36-14-20	12
97041379	2BB-36-14-30	30
97041380	2BB-36-14-40	N.D.
97041381	2BB-36-14-50	N.D.
97041382	2BB-1-38-1	N.D.
97041383	2BB-1-38-4	19
97041384	2BB-1-38-10	48
97041385	2BB-1-38-20	19
97041386	2BB-1-38-30	N.D.
97041387	2BB-1-38-40	N.D.
97041388	2BB-1-38-50	N.D.
Detection Limit:		8.0

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani

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Laboratory Director

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Kennedy Jenks Consultants
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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Analysis Method: 3550/8015m

Sample Description: Soil,

Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 05-02-97
Reported: 05-09-97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015m)

Laboratory Sample Number	*Client Sample Number*	*Sample Result (mg/kg)*
97041376	2BB-36-14-4	N.D.
97041377	2BB-36-14-10	N.D.
97041378	2BB-36-14-20	N.D.
97041379	2BB-36-14-30	N.D.
97041383	2BB-1-38-4	N.D.
97041384	2BB-1-38-10	N.D.
97041385	2BB-1-38-20	N.D.
Detection Limit:		8.0

Extractable Hydrocarbons are quantitated against a diesel standard. Hydrocarbons detected by this method range from C7 to C30. Analyte reported as N.D. was not present above the stated limit of detection.

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Analysis Method: 5030/8015m

Sample Description: Soil,

Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 05-05-97
Reported: 05-09-97

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

Laboratory Sample Number	*Client Sample Number*	*Sample Result (mg/kg)*
97041376	2BB-36-14-4	N.D.
97041377	2BB-36-14-10	N.D.
97041378	2BB-36-14-20	N.D.
97041379	2BB-36-14-30	N.D.
97041383	2BB-1-38-4	N.D.
97041384	2BB-1-38-10	N.D.
97041385	2BB-1-38-20	N.D.
Detection Limit:		5.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard Hydrocarbons detected by this method range from C6 to C14. Analyte reported as N.D. was not present above the stated limit of detection.

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil

Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-28-97
Reported: 05-09-97

pH (EPA 9045)

Laboratory Sample Number	*Client Sample Number*	*Sample Result*
97041382	2BB-1-38-1	6.6
97041383	2BB-1-38-4	6.5
97041384	2BB-1-38-10	7.5
97041385	2BB-1-38-20	7.8
97041386	2BB-1-38-30	7.9
97041387	2BB-1-38-40	7.9
97041388	2BB-1-38-50	8.1

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-36-14-4
Laboratory Sample #: 97041376
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 4-29/5-6-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT* ug/kg	*SAMPLE RESULTS* ug/kg	
Benzene	25	N.D.	
Bromodichloromethane	25	N.D.	
Bromoform	25	N.D.	
Bromomethane	25	N.D.	
Carbon tetrachloride	25	N.D.	
Chlorobenzene	25	N.D.	
Chlorodibromomethane	25	N.D.	
Chloroethane	50	N.D.	
2-Chloroethyl vinyl ether	125	N.D.	
Chloroform	25	N.D.	
Chloromethane	50	N.D.	
1,2-Dichlorobenzene	50	N.D.	
1,3-Dichlorobenzene	50	N.D.	
1,4-Dichlorobenzene	50	N.D.	
1,1-Dichloroethane	25	N.D.	
1,2-Dichloroethane	25	N.D.	
1,1-Dichloroethene	25	28	<---
Trans 1,2-Dichloroethene	25	N.D.	
1,2-Dichloropropane	25	N.D.	
cis-1,3-Dichloropropene	25	N.D.	
trans-1,3-Dichloropropene	100	N.D.	
Ethylbenzene	25	N.D.	
Methylene chloride	125	N.D.	
1,1,2,2-Tetrachloroethane	25	N.D.	
Tetrachloroethene	25	N.D.	
Toluene	25	N.D.	
1,1,1-Trichloroethane	25	N.D.	
1,1,2-Trichloroethane	25	N.D.	
Trichloroethene	25	230	<---
Trichlorofluoromethane	125	N.D.	
Vinyl chloride	50	N.D.	
Total Xylenes	25	N.D.	

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	%
alpha, alpha, alpha-trifluorotoluene	*10*
1,4-Dichlorobutane	*84*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-36-14-10
Laboratory Sample #: 97041377
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-29-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethyl vinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
Trans 1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	20	N.D.
Ethylbenzene	5.0	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	23 <---
Trichlorofluoromethane	25	N.D.
Vinyl chloride	10	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	%
alpha, alpha, alpha-trifluorotoluene	*10*
1,4-Dichlorobutane	*89*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-36-14-20
Laboratory Sample #: 97041378
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-29-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*	
Benzene	5.0	N.D.	
Bromodichloromethane	5.0	N.D.	
Bromoform	5.0	N.D.	
Bromomethane	5.0	N.D.	
Carbon tetrachloride	5.0	N.D.	
Chlorobenzene	5.0	N.D.	
Chlorodibromomethane	5.0	N.D.	
Chloroethane	10	N.D.	
2-Chloroethyl vinyl ether	25	N.D.	
Chloroform	5.0	N.D.	
Chloromethane	10	N.D.	
1,2-Dichlorobenzene	10	N.D.	
1,3-Dichlorobenzene	10	N.D.	
1,4-Dichlorobenzene	10	N.D.	
1,1-Dichloroethane	5.0	N.D.	
1,2-Dichloroethane	5.0	N.D.	
1,1-Dichloroethene	5.0	N.D.	
Trans 1,2-Dichloroethene	5.0	N.D.	
1,2-Dichloropropane	5.0	N.D.	
cis-1,3-Dichloropropene	5.0	N.D.	
trans-1,3-Dichloropropene	20	N.D.	
Ethylbenzene	5.0	N.D.	
Methylene chloride	25	N.D.	
1,1,2,2-Tetrachloroethane	5.0	N.D.	
Tetrachloroethene	5.0	N.D.	
Toluene	5.0	N.D.	
1,1,1-Trichloroethane	5.0	N.D.	
1,1,2-Trichloroethane	5.0	N.D.	
Trichloroethene	5.0	46	<---
Trichlorofluoromethane	25	N.D.	
Vinyl chloride	10	N.D.	
Total Xylenes	5.0	N.D.	

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	*%*
alpha, alpha, alpha-trifluorotoluene	*10*
1,4-Dichlorobutane	*80*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-36-14-30
Laboratory Sample #: 97041379
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-29-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*	
Benzene	5.0	N.D.	
Bromodichloromethane	5.0	N.D.	
Bromoform	5.0	N.D.	
Bromomethane	5.0	N.D.	
Carbon tetrachloride	5.0	N.D.	
Chlorobenzene	5.0	N.D.	
Chlorodibromomethane	5.0	N.D.	
Chloroethane	10	N.D.	
2-Chloroethyl vinyl ether	25	N.D.	
Chloroform	5.0	N.D.	
Chloromethane	10	N.D.	
1,2-Dichlorobenzene	10	N.D.	
1,3-Dichlorobenzene	10	N.D.	
1,4-Dichlorobenzene	10	N.D.	
1,1-Dichloroethane	5.0	N.D.	
1,2-Dichloroethane	5.0	N.D.	
1,1-Dichloroethene	5.0	N.D.	
Trans 1,2-Dichloroethene	5.0	N.D.	
1,2-Dichloropropane	5.0	N.D.	
cis-1,3-Dichloropropene	5.0	N.D.	
trans-1,3-Dichloropropene	20	N.D.	
Ethylbenzene	5.0	N.D.	
Methylene chloride	25	N.D.	
1,1,2,2-Tetrachloroethane	5.0	N.D.	
Tetrachloroethene	5.0	N.D.	
Toluene	5.0	N.D.	
1,1,1-Trichloroethane	5.0	N.D.	
1,1,2-Trichloroethane	5.0	N.D.	
Trichloroethene	5.0	89	<---
Trichlorofluoromethane	25	N.D.	
Vinyl chloride	10	N.D.	
Total Xylenes	5.0	N.D.	

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	*%*
alpha, alpha, alpha-trifluorotoluene	*10*
1,4-Dichlorobutane	*85*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-36-14-40
Laboratory Sample #: 97041380
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 4-30/5-6-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*	
Benzene	25	N.D.	
Bromodichloromethane	25	N.D.	
Bromoform	25	N.D.	
Bromomethane	25	N.D.	
Carbon tetrachloride	25	N.D.	
Chlorobenzene	25	N.D.	
Chlorodibromomethane	25	N.D.	
Chloroethane	50	N.D.	
2-Chloroethyl vinyl ether	125	N.D.	
Chloroform	25	N.D.	
Chloromethane	50	N.D.	
1,2-Dichlorobenzene	50	N.D.	
1,3-Dichlorobenzene	50	N.D.	
1,4-Dichlorobenzene	50	N.D.	
1,1-Dichloroethane	25	N.D.	
1,2-Dichloroethane	25	N.D.	
1,1-Dichloroethene	25	110	<---
Trans 1,2-Dichloroethene	25	N.D.	
1,2-Dichloropropane	25	N.D.	
cis-1,3-Dichloropropene	25	N.D.	
trans-1,3-Dichloropropene	100	N.D.	
Ethylbenzene	25	N.D.	
Methylene chloride	125	N.D.	
1,1,2,2-Tetrachloroethane	25	N.D.	
Tetrachloroethene	25	N.D.	
Toluene	25	N.D.	
1,1,1-Trichloroethane	25	43	<---
1,1,2-Trichloroethane	25	N.D.	
Trichloroethene	25	390	<---
Trichlorofluoromethane	125	N.D.	
Vinyl chloride	50	N.D.	
Total Xylenes	25	N.D.	

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	%
alpha, alpha, alpha-trifluorotoluene	12
1,4-Dichlorobutane	84

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-36-14-50
Laboratory Sample #: 97041381
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-30-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethyl vinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
Trans 1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	20	N.D.
Ethylbenzene	5.0	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	25	N.D.
Vinyl chloride	10	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	%
alpha, alpha, alpha-trifluorotoluene	*9*
1,4-Dichlorobutane	*86*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-1
Laboratory Sample #: 97041382
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-30-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethyl vinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
Trans 1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	20	N.D.
Ethylbenzene	5.0	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	25	N.D.
Vinyl chloride	10	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	%
alpha, alpha, alpha-trifluorotoluene	10
1,4-Dichlorobutane	83

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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. Suite 100
Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-4
Laboratory Sample #: 97041383
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-30-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*	
Benzene	5.0	N.D.	
Bromodichloromethane	5.0	N.D.	
Bromoform	5.0	N.D.	
Bromomethane	5.0	N.D.	
Carbon tetrachloride	5.0	N.D.	
Chlorobenzene	5.0	N.D.	
Chlorodibromomethane	5.0	N.D.	
Chloroethane	10	N.D.	
2-Chloroethyl vinyl ether	25	N.D.	
Chloroform	5.0	N.D.	
Chloromethane	10	N.D.	
1,2-Dichlorobenzene	10	N.D.	
1,3-Dichlorobenzene	10	N.D.	
1,4-Dichlorobenzene	10	N.D.	
1,1-Dichloroethane	5.0	N.D.	
1,2-Dichloroethane	5.0	N.D.	
1,1-Dichloroethene	5.0	9.7	<---
Trans 1,2-Dichloroethene	5.0	N.D.	
1,2-Dichloropropane	5.0	N.D.	
cis-1,3-Dichloropropene	5.0	N.D.	
trans-1,3-Dichloropropene	20	N.D.	
Ethylbenzene	5.0	N.D.	
Methylene chloride	25	N.D.	
1,1,2,2-Tetrachloroethane	5.0	N.D.	
Tetrachloroethene	5.0	N.D.	
Toluene	5.0	N.D.	
1,1,1-Trichloroethane	5.0	N.D.	
1,1,2-Trichloroethane	5.0	N.D.	
Trichloroethene	5.0	N.D.	
Trichlorofluoromethane	25	N.D.	
Vinyl chloride	10	N.D.	
Total Xylenes	5.0	N.D.	

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	*%*
alpha, alpha, alpha-trifluorotoluene	*9*
1,4-Dichlorobutane	*80*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-10
Laboratory Sample #: 97041384
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-30-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethyl vinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
Trans 1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	20	N.D.
Ethylbenzene	5.0	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	25	N.D.
Vinyl chloride	10	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	*%*
alpha, alpha, alpha-trifluorotoluene	*10*
1,4-Dichlorobutane	*83*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-20
Laboratory Sample #: 97041385
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-30-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethyl vinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
Trans 1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	20	N.D.
Ethylbenzene	5.0	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	25	N.D.
Vinyl chloride	10	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	*%*
alpha, alpha, alpha-trifluorotoluene	*10*
1,4-Dichlorobutane	*82*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-30
Laboratory Sample #: 97041386
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-30-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethyl vinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
Trans 1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	20	N.D.
Ethylbenzene	5.0	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	25	N.D.
Vinyl chloride	10	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	*%*
alpha, alpha, alpha-trifluorotoluene	*10*
1,4-Dichlorobutane	*80*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-40
Laboratory Sample #: 97041387
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-30-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethyl vinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
Trans 1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	20	N.D.
Ethylbenzene	5.0	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	25	N.D.
Vinyl chloride	10	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	*%*
alpha, alpha, alpha-trifluorotoluene	*10*
1,4-Dichlorobutane	*80*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-50
Laboratory Sample #: 97041388
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-30-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethyl vinyl ether	25	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
Trans 1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	20	N.D.
Ethylbenzene	5.0	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	25	N.D.
Vinyl chloride	10	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	*%*
alpha, alpha, alpha-trifluorotoluene	*10*
1,4-Dichlorobutane	*83*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Water, EB-042597
Laboratory Sample #: 97041389
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 04-28-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT* ug/l	*SAMPLE RESULTS* ug/l
Benzene	0.5	N.D.
Bromodichloromethane	0.5	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chlorodibromomethane	0.5	N.D.
Chloroethane	1.0	N.D.
2-Chloroethyl vinyl ether	5.0	N.D.
Chloroform	0.5	N.D.
Chloromethane	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	0.5	N.D.
1,2-Dichloroethane	0.5	N.D.
1,1-Dichloroethene	0.5	N.D.
Trans 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Ethylbenzene	0.5	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	0.5	N.D.
Toluene	0.5	N.D.
1,1,1-Trichloroethane	0.5	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	0.5	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	1.0	N.D.
Total Xylenes	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	%
alpha, alpha, alpha-trifluorotoluene	10
1,4-Dichlorobutane	87

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Water, TB-042597
Laboratory Sample #: 97041390
Laboratory Reference #: KJC 8985

Sampled : 04-25-97
Received: 04-25-97
Analyzed: 05-05-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010/8020)

ANALYTE	*DETECTION LIMIT ug/l*	*SAMPLE RESULTS ug/l*
Benzene	0.5	N.D.
Bromodichloromethane	0.5	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chlorodibromomethane	0.5	N.D.
Chloroethane	1.0	N.D.
2-Chloroethyl vinyl ether	5.0	N.D.
Chloroform	0.5	N.D.
Chloromethane	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	0.5	N.D.
1,2-Dichloroethane	0.5	N.D.
1,1-Dichloroethene	0.5	N.D.
Trans 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Ethylbenzene	0.5	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	0.5	N.D.
Toluene	0.5	N.D.
1,1,1-Trichloroethane	0.5	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	0.5	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	1.0	N.D.
Total Xylenes	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Surrogate Recovery	*%*
alpha, alpha, alpha-trifluorotoluene	*10*
1,4-Dichlorobutane	*84*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-1

Laboratory Sample Number: 97041382
Laboratory Reference #: KJC 8985

Sampled: 04-25-97
Received: 04-25-97
Analyzed: 05-07-97
Reported: 05-09-97

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	150	<---
Barium	6010	100	10000	0.1	96	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	5.0	<---
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	20	<---
Cobalt	6010	80	8000	0.5	7.3	<---
Copper	6010	25	2500	0.1	13	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	8.2	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	26	<---
Zinc	6010	250	5000	0.1	31	<---

Analytes reported as N.D. were not present above the stated limit of detection.

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-4

Laboratory Sample Number: 97041383
Laboratory Reference #: KJC 8985

Sampled: 04-25-97
Received: 04-25-97
Analyzed: 05-08-97
Reported: 05-09-97

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	75	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	20	<---
Cobalt	6010	80	8000	0.5	6.1	<---
Copper	6010	25	2500	0.1	8.1	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	7.3	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	24	<---
Zinc	6010	250	5000	0.1	27	<---

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Mark Noorani
Laboratory Director

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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. Suite 100
Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-10

Laboratory Sample Number: 97041384
Laboratory Reference #: KJC 8985

Sampled: 04-25-97
Received: 04-25-97
Analyzed: 05-08-97
Reported: 05-09-97

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	71	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	20	<---
Cobalt	6010	80	8000	0.5	6.5	<---
Copper	6010	25	2500	0.1	12	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	11	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	21	<---
Zinc	6010	250	5000	0.1	39	<---

Analytes reported as N.D. were not present above the stated limit of detection.

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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-20

Laboratory Sample Number: 97041385
Laboratory Reference #: KJC 8985

Sampled: 04-25-97
Received: 04-25-97
Analyzed: 05-08-97
Reported: 05-09-97

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	120	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	24	<---
Cobalt	6010	80	8000	0.5	8.3	<---
Copper	6010	25	2500	0.1	15	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	13	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	25	<---
Zinc	6010	250	5000	0.1	53	<---

Analytes reported as N.D. were not present above the stated limit of detection.

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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-30

Laboratory Sample Number: 97041386
Laboratory Reference #: KJC 8985

Sampled: 04-25-97
Received: 04-25-97
Analyzed: 05-08-97
Reported: 05-09-97

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	110	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	25	<---
Cobalt	6010	80	8000	0.5	15	<---
Copper	6010	25	2500	0.1	19	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	15	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	31	<---
Zinc	6010	250	5000	0.1	51	<---

Analytes reported as N.D. were not present above the stated limit of detection.

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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-40

Laboratory Sample Number: 97041387
Laboratory Reference #: KJC 8985

Sampled: 04-25-97
Received: 04-25-97
Analyzed: 05-08-97
Reported: 05-09-97

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	55	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium Total	6010	560	2500	0.05	8.9	<---
Cobalt	6010	80	8000	0.5	3.2	<---
Copper	6010	25	2500	0.1	4.1	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	4.1	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	12	<---
Zinc	6010	250	5000	0.1	22	<---

Analytes reported as N.D. were not present above the stated limit of detection.

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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. Suite 100
Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-1-38-50

Laboratory Sample Number: 97041388
Laboratory Reference #: KJC 8985

Sampled: 04-25-97
Received: 04-25-97
Analyzed: 05-08-97
Reported: 05-09-97

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	36	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	12	<---
Cobalt	6010	80	8000	0.5	2.9	<---
Copper	6010	25	2500	0.1	5.5	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	4.7	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	15	<---
Zinc	6010	250	5000	0.1	26	<---

Analytes reported as N.D. were not present above the stated limit of detection.

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QC DATA REPORT

Analysis : EPA 5030 / 8015m

Date of Analysis : 05/05/97
Laboratory Sample No : OCA 200
Laboratory Reference No : KJC 8985

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	50	48	42	96	84	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organic Compounds (EPA 8010/8020)

Date of Analysis : 05/06/97
Laboratory Sample No : 97050049
Laboratory Reference No : KJC 8985

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	40	37	38	93	95	3
1,1-Dichloroethane	0.0	20	18	19	90	95	5
Trichloroethene	0.0	20	20	20	100	100	0
Tetrachloroethene	0.0	20	20	20	100	100	0
Toluene	0.0	40	41	42	103	105	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organic Compounds (EPA 8010/8020)

Date of Analysis : 04/28/97
Laboratory Sample No : 97041340
Laboratory Reference No : KJC 8985

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	10.0	10.3	9.1	103	91	12
1,1-Dichloroethane	0.0	5.0	5.3	4.8	106	96	10
Trichloroethene	0.0	5.0	5.0	4.6	100	92	8
Tetrachloroethene	0.0	5.0	5.4	4.8	108	96	12
Toluene	0.0	10.0	10.5	9.4	105	94	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organic Compounds (EPA 8010/8020)

Date of Analysis : 04/29/97
Laboratory Sample No : 97041376
Laboratory Reference No : KJC 8985

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	40	38	38	95	95	0
1,1-Dichloroethane	0.0	20	19	19	95	95	0
Trichloroethene*	91	20	99	130	40	195	27
Tetrachloroethene	0.0	20	19	19	95	95	0
Toluene	0.0	40	39	39	98	98	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

* R1 over calibration curve

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 04/30/97
Laboratory Sample No : 97041380
Laboratory Reference No : KJC 8985

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	101	102	101	102	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 05/08/97
Laboratory Sample No : 97041409
Laboratory Reference No : KJC 8985

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	27.0	27.0	90	90	0
Arsenic	0.0	10.0	8.0	8.8	80	88	10
Barium	10.0	10.0	19.5	20.1	95	101	3
Beryllium	0.00	1.00	1.02	0.92	102	92	10
Cadmium	0.00	1.00	1.02	1.05	102	105	3
Chromium (Total)	2.0	5.0	6.6	6.1	92	82	8
Chromium (VI)	0.00	1.00	0.83	0.92	83	92	10
Cobalt	0.64	1.00	1.65	1.50	101	86	10
Copper	1.30	1.00	2.31	2.16	101	86	7
Lead	0.0	10.0	8.2	8.2	82	82	0
Mercury	0.000	0.020	0.023	0.020	115	100	14
Molybdenum	0.0	10.0	9.4	9.3	94	93	1
Nickel	1.10	5.00	6.30	5.80	104	94	8
Selenium	0.0	10.0	9.5	9.4	95	94	1
Silver	0.0	5.0	3.8	3.9	76	78	3
Thallium	0.0	30.0	27.0	25.0	90	83	8
Vanadium	2.3	5.0	7.0	7.0	94	94	0
Zinc	3.8	5.0	8.2	8.4	88	92	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 05/02/97
Laboratory Sample No : 97051378
Laboratory Reference No : KJC 8985

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	97	87	97	87	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Analysis Request and Chain of Custody Record

Lab Job No:
Page 1

REQUIRED TAT: Normal

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Kennedy/Jenks	PROJECT NAME:	Douglas Aircraft
SEND REPORT TO:	Rus Purcell	NUMBER:	974002.00
ADDRESS:	2151 Michelson Dr, Ste. 100 Irvine, CA 92612	LOCATION:	Torrance C-6 Facility
		ADDRESS:	
PHONE:	714-261-1577 FAX: 261-2134	SAMPLED BY:	D.S. / J.K.

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	418.1	8015 (if detect TRPH)	8010/8020	Metals	Cr(VI) (if >10 ppm total Cr)	pH			REMARKS/PRECAUTIONS
2BB-36-14-4	1	4-25-97	0913	Soil	brass		X	X	X						
2BB-36-14-10			0925				X	X	X						
2BB-36-14-20			0950				X	X	X						
2BB-36-14-30			1020				X	X	X						
2BB-36-14-40			1047				X	X	X						
2BB-36-14-50			1130				X	X	X						
2BB-1-38-1			1345				X	X	X	X	X	X			
2BB-1-38-4			1406				X	X	X	X	X	X			
2BB-1-38-10			1410				X	X	X	X	X	X			
2BB-1-38-20			1426				X	X	X	X	X	X			
2BB-1-38-30			1443				X	X	X	X	X	X			
2BB-1-38-40			1504				X	X	X	X	X	X			
2BB-1-38-50			1527				X	X	X	X	X	X			
EB-042597	2	4-25-97	1625	water	40ml				X						
TB-042597	2	"	"	"	"				X						

Total No. of Samples:

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:	Reporting Format: (check)
[signature]	4-25-97 1630			NORMAL ____ S.D. HMMD ____
Relinquished By:	Date/Time:	Received By:	Date/Time:	RWQCB ____ OTHER ____
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 4/25/97 16:30	Sample Integrity: (check) intact ____ on ice ____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0152954