



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

November 1, 2013

Attachment 6 – Weight and Balance

OPERATIONAL FACTORS

ERA13MA139

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A. WEIGHT AND BALANCE

1.0 Certified Weight and Balance

Ship File
 10/11/2007
 3:13 PM

Hawker Beechcraft Corporation Model 390 AFM
 Section VI Wt and Bal/Equip List

Basic Empty Weight and Balance - Post-Certificated

Serial No.: RB-208 Date: 10/11/2007

REFERENCE DIMENSIONS IN FUSELAGE STATIONS (INCHES AFT OF DATUM)			
Wheel Axle Centerlines:	<u>Nose</u>	<u>Main</u>	Jack Point Locations:
Extended Strut	106.92	318.62	Nose 119.13
Compressed Strut	107.76	318.62	Main 319.38

Reaction - Wheel	SCALE READING (lb.)	TARE (lb.)	NET WEIGHT (lb.)	ARM (in.)	MOMENT (lb.-in.)
Left Main					
Right Main					
Sub Total - Mains					
Nose					
Total - As Weighed					
<i>Additions and Subtractions to As Weighed Condition:</i>					
BEW - Actual (As weighed October 11, 2007)			8368.0	307.8	2,576,063
Add: 390-5804 Kit-Dampener Support			0.5	390.5	196
390-5805 Hyd Pump Pr Hose Instl			2.9	386.7	1,115
BASIC EMPTY WEIGHT (BEW) - Calculated			8,371.4	307.88	2,577,374

BEW C.G. in %MAC = $\frac{(307.88 - 278.471)}{66.24} \times 100 = 44.4$ %MAC

Note: Basic Empty Weight includes full engine oil and unusable fuel.

Prepared/Approved by: [REDACTED]
 Mass Properties Engineer 6-3

2.0 Fueling Records

3.0 John C Tune Airport (KJWN) Fueling Records¹

¹ Source: Bob Williams, Aviation Safety Inspector Atlanta FSDO-11 via email received by the NTSB on

Corporate Flight Management, Inc.
625 Fitzhugh Boulevard
Smyrna, TN 37167
(615) 459-8883

Purchase Order
(to be used only)

Date: 02/20/13 PO #

Vendor: Eastern Aviation Fleet

Description:

Filters for Avgas Truck

Estimated Price: \$250.00 Actual Price:

Payment Method: Credit - Terms 10 days

Requested by: Connie Approved:

Conditions of Approval:

Invoice Customer? Yes No

If yes: Has customer been billed by your department? Yes No

If no, Accounting should invoice the following:

Customer Amount
(please provide address, contact phone number, and email if new customer)

Purpose of request: Avgas Truck Filter due change

Allocate to Department: JWN

NOTE:

1. Please request that the vendor mark the Purchase Order Number on their invoice.
2. Purchase order will be logged and the PO # will be supplied by the Accounting Department.

Revision 2 11-17-08

Service Order Number

25476

N# 777V6 Aircraft Type Premier Date 2/20

Name (P)

Address Colt

Credit Card # [Redacted]

Signature [Redacted]

Tanks **OIL:**

		Left Eng	Right Eng
100LL	Main <u>90L</u>	Type	
Jet A	Aux <u>80L</u>	Grade	
Other		Fill To	

Meter Reading

Meter #1	Meter #2
Ending _____	Ending <u>1505705</u>
Beginning _____	Beginning <u>1505535</u>
Total _____	Total <u>170</u>
Total Number of Gallons <u>170</u>	

Overnight: Hangar _____ Tie Down _____

Serviced By (P)

Other _____

The following email message was sent.

To: [REDACTED]
From: [REDACTED], [REDACTED]
Subject: Contract Fuel Response

Date of Fueling: 2/20/13
Ticket #: 25476
Airline: The Vein Guys
Contract Fuel Company: Colt
Airfield-IATA Code: KJWN
Aircraft Type: Premier
Aircraft N#: 777VG
Product Type: Jet A
Gallons Received: 170
Into-Plane Rate: .70
Flowage/Airport Fee: .06
Total Invoice \$ Amount: \$129.20
Prist Fee:
Landing Fee:
Ramp Fee:
Lavatory Fee:
Hangar Rental Fee:
Dry Cleaning Fee:
Catering Fee:
TransportationFee:
GPU Fee:
Ground Handling Fee:
De-Icer Fee:
Overnight Parking Fee:
Security Fee:
Miscellaneous Fee:
Contact Email: [REDACTED]
Comments: Please complete invoice by 2/21/13
Colt# 10579 Exp 08/14

cgimail 1.6

Storage Facility Record of Receipt

Corporate Flight Management
John C. Tune Airport

Required Checks	Results and Comments
Prior to Receipt	
Designate and Sump Receiving Tank	<u>JET-A (FND) / 1A</u>
Gauge Tank and Record Volume	<u>9" 432 GALLONS</u>
Set Valves for Receiving	<u>✓</u>
Condition of Offload Hose	<u>✓</u>
Bill of Lading/Delivery Ticket (enter B.O.L. #)	
Correct Destination	<u>58963</u>
Correct Grade of Fuel	<u>CORPORATE FLIGHT - NASHVILLE</u>
Correct Volume	<u>JET-A (W/ADD) (9.92)</u>
	<u>7691 GALL</u>
Transport Trailer	
Connect Bonding Cable	<u>✓</u>
Compartment Seals	<u>✓</u>
Clear and Bright Test	<u>1A</u>
API Gravity and Temperature Observed	<u>44.5 @ 56°F</u>
API Gravity Corrected to 60°F (Standard Temperature)	<u>44.8</u>
Batch Gravity at Terminal	<u>44.8</u>
API Gravity Difference	<u>0</u>
During Receipt	
Differential Pressure (PSI)	<u>3</u>
System for Leaks	<u>✓</u>
After Receipt	
Reposition Valves	<u>✓</u>
Disconnect and Stow Hose	<u>✓</u>
Disconnect Bonding Cable	<u>✓</u>
Gauge Tank and Record Volume	<u>73" 8675 GALLONS</u>
Sump Receiving Tank	<u>1A</u>
Sump Filter Vessel	<u>1A</u>

AIRCRAFT RECEIVED NONE OF THIS
LOAD OF FUEL

Signature [Redacted]

Date 02/19/13



Valero Refining Company

Memphis Laboratory

Certificate of Analysis

JETA

Sample ID: 1130201091
Tank: 24-APEX8
Event ID: JET FINAL

Batch #/Vessel: 130037
Sample Date: 2/5/2013 12:00:00PM

Test	Method	Test Results	Specification		UOM
			Min	Max	
Copper Strip	D130	1a		1b	no units
Existent Gum	IP 540	< 5		7	mg/100ml
Olefins	D1319	1.6			LV%
Aromatics	D1319	11.9		25.0	LV%
Saturates	D1319	86.5			LV%
Sulfur	D 4294	0.020		0.3000	WT%
Mercaptans wt%	D3227	0.0007		0.0030	WT%
IBP	D86	295.1			Deg F
10%	D86	331.2		400.0	Deg F
20%	D86	346.5			Deg F
50%	D86	392.2			Deg F
90%	D86	498.6			Deg F
FBP	D86	554.1		572.0	Deg F
Residue	D86	1.0		1.5	LV%
Loss	D86	0.4		1.5	LV%
Flash Tag	D56	106.0	100.4		Deg F
Gravity API at 60F	D4052	44.8	37.0	51.0	°API
Kero Freeze	D5972	-46.7		-40.0	Deg C
Microsep	D3948	100	85		no units
Water RX Jet	D1094	1		1b	NONE
Color Saybolt	D 6045	+25			
Conductivity, Diesel	D2624	7			pS/m
Cetane Index	D4737A	45.6			
Smoke PT	D1322	25	18		mm
Particulate mg/L	D5452	< 0.50		1.00	mg/L
PC Residue Color	D5452	A-1			NONE
Naphthalene	D1840 B	1.6		3.0	LV%
Vs @ -20 C	D445	4.3		8.000	mm ² /s
Acidity	D3242	0.006		0.100	mg/G
NET_HEAT	D 3338	43.4	42.8		MJ/Kg

This batch meets Valero and ASTM D1655 specifications for Jet-A.

*AIRCRAFT RECEIVED NONE OF THIS
LOAD OF FUEL*

Storage Facility Record of Receipt

Corporate Flight Management
John C. Tune Airport

Required Checks	Results and Comments
Prior to Receipt	
Designate and Sump Receiving Tank	<u>JET-A (MIDDLE) / 1A</u>
Gauge Tank and Record Volume	<u>25" 1414 GALLONS</u>
Set Valves for Receiving	<u>✓</u>
Condition of Offload Hose	<u>✓</u>
Bill of Lading/Delivery Ticket (enter B.O.L. #)	
Correct Destination	<u>58911</u>
Correct Grade of Fuel	<u>CORP. FLIGHT - NASHVILLE</u>
Correct Volume	<u>JET-A w/ADD (10.00)</u>
	<u>7722 GALLONS</u>
Transport Trailer	
Connect Bonding Cable	<u>✓</u>
Compartment Seals	<u>✓</u>
Clear and Bright Test	<u>1A</u>
API Gravity and Temperature Observed	<u>44.4 44.4 @ 55°C</u>
API Gravity Corrected to 60°F (Standard Temperature)	<u>44.8</u>
Batch Gravity at Terminal	<u>44.8</u>
API Gravity Difference	<u>0</u>
During Receipt	
Differential Pressure (PSI)	<u>3</u>
System for Leaks	<u>✓</u>
After Receipt	
Reposition Valves	<u>✓</u>
Disconnect and Stow Hose	<u>✓</u>
Disconnect Bonding Cable	<u>✓</u>
Gauge Tank and Record Volume	<u>25" 903 GALLONS</u>
Sump Receiving Tank	<u>1A</u>
Sump Filter Vessel	<u>1A</u>

Signature [Redacted]

Date 02/15/13



Valero Refining Company

Memphis Laboratory

Certificate of Analysis

15 FEB 2013

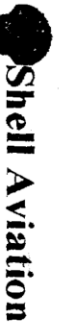
JETA

Sample ID: 1130201091
Tank: 24-APEX8
Event ID: JET FINAL

Batch #/Vessel: 130037
Sample Date: 2/5/2013 12:00:00PN

Test	Method	Test Results	Specification		UOM
			Min	Max	
Copper Strip	D130	1a		1b	no units
Existent Gum	IP 540	< 5		7	mg/100ml
Olefins	D1319	1.6			LV%
Aromatics	D1319	11.9		25.0	LV%
Saturates	D1319	86.5			LV%
Sulfur	D 4294	0.020		0.3000	WT%
Mercaptans wt%	D3227	0.0007		0.0030	WT%
IBP	D86	295.1			Deg F
10%	D86	331.2		400.0	Deg F
20%	D86	346.5			Deg F
50%	D86	392.2			Deg F
90%	D86	498.6			Deg F
FBP	D86	554.1		572.0	Deg F
Residue	D86	1.0		1.5	LV%
Loss	D86	0.4		1.5	LV%
Flash Tag	D56	106.0	100.4		Deg F
Gravity APL at 60F	D4052	44.8	37.0	51.0	°API
Kero Freeze	D5972	-46.7		-40.0	Deg C
Microsep	D3948	100	85		no units
Water RX Jet	D1094	1		1b	NONE
Color Saybolt	D 6045	+25			
Conductivity, Diesel	D2624	7			pS/m
Cetane Index	D4737A	45.6			
Smoke PT	D1322	25	18		mm
Particulate mg/L	D5452	< 0.50		1.00	mg/L
PC Residue Color	D5452	A-1			NONE
Naphthalene	D1840 B	1.6		3.0	LV%
Vis @ -20 C	D445	4.3		8.000	mm ² /s
Acidity	D3242	0.006		0.100	mg/G
NET_HEAT	D 3338	43.4	42.8		MJ/Kg

This batch meets Valero and ASTM D 1655 specifications for Jet-A.



Fuel Facility Location: **KRWV** Tank Capacity: **12,000** Fuel Type: **Jet A** / Avgas
TANK #1 **MWY**
FEB 2013

Daily Checks:	Day	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			
DF1. General Condition		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S			
DF2. Fire Extinguishers		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S			
DF3. Tank Sumps, to Include Reclaim Tank (Visual & Water)*		IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA		
DF4. Static Reel, Clamps & Cables		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
DF5. Hoses, Nozzles, Swivels, Couplings and Dust Covers		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
DF6. Filter Sumps (Visual & Water)*		IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	IA	
DF7. Deadman Control		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
DF8. Nozzle Fueling Pressure*		44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
DF9. Filter DP*		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
DF10. Security, Fire & Safety		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
Initials of Inspector		EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	EW	

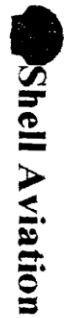
Monthly Checks:	Findings	Date	Initials
MF1. Inspect/Clean Nozzle Screens**			
MF2. Filtration & Free Water Checks (Millipore)			
MF3. Static System Continuity (25 ohms or less)			
MF4. Signs, Labels & Placards			
MF5. Spill Kits			
MF6. Fire Extinguishers			
MF7. Floating Suction			
MF8. Interstitial			
MF9. Corrected DP			
Quarterly Checks:	Findings	Date	Initials
QF1. Emergency Shutdown			
QF2. Tank High Level Alarm			
QF3. Water Defense Systems			
QF4. Reclaim Tank Inspection	N/A		

Annual Checks:	Findings	Date	Initials
AF1. Meter Proving	N/A		
AF2. Filter Vessels (Elements)	NEW	02/07	
AF3. Water Defense Systems	S		
AF4. Fire Extinguishers			
AF5. Fueling and Differential Pressure Gauge***			
AF6. Storage Tank Inlet/for			
AF7. Filter/separator Heaters	N/A		
AF8. Cathodic Protection	N/A		
AF9. Tank Vents			
AF10. Line Strainers			

Rating: (A) Clean/Clear, (B) Slight, (C) Particulate, (D) Dirty
 Moisture Content (Water): (A) Bright, (B) Hazy, (C) Cloudy, (D) Very Dirty water, (E) Saturated
 Satisfactoriness: C = Comment, NU = Not Used, N/A = Not Applicable

* With 5.1 & 6.2 require valid water findings, and items 8 & 9 require actual numerical readings
 ** For millipore and single bond brand screens
 *** Make sure to change out 1" gauge filter when performing this check

Retain this Record for 12 months
 Form # - QCF-001 (Rev 01/2009)
 ATA 2009 rev 1)



Fuel Facility Location: **KTMN** Tank Capacity: **12,000** Fuel Type: **Jet A** / Avgas
 M/M/Y: **08/2013**

Daily Checks:	Day	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
DF1. General Condition	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
DF2. Fire Extinguishers	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
DF3. Tank Sumps, to include Reclaim Tank (Visual & Water)*	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
DF4. Static Reel, Clamps & Cables	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
DF5. Hoses, Nozzles, Swivels, Couplings and Dust Covers	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
DF6. Filter Sumps (Visual & Water)*	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
DF7. Deadman Control	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
DF8. Nozzle Fueling Pressure *	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
DF9. Filter DP *	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
DF10. Security, Fire & Safety	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Initials of Inspector	A	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

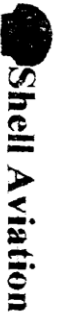
Monthly Checks:	Findings	Date	Initials
MF1. Inspect/Clean Nozzle Screens **			
MF2. Filtration & Free Water Checks (Millipore)			
MF3. Static System Continuity (25 ohms or less)			
MF4. Signs, Labels & Placards			
MF5. Spill Kits			
MF6. Fire Extinguishers			
MF7. Floating Suction			
MF8. Interstitial			
MF9. Corrected DP			
Quarterly Checks:	Findings	Date	Initials
QF1. Emergency Shutdown			
QF2. Tank High Level Alarm			
QF3. Water Defense Systems			
QF4. Reclaim Tank Inspection	N/A		

Semi Annual Check: (If using reusable couplings)	Test	Date	Check By
SF1. Periodic Hose Pressure Test	Pressure		

Annual Checks:	Findings	Date	Initials
AF1. Meter Proving	N/A		
AF2. Filter Vessels (Elements)	NEW	02/07	
AF3. Water Defense Systems	S	02/07	
AF4. Fire Extinguishers			
AF5. Fueling and Differential Pressure Gauge ***			
AF6. Storage Tank Interior			
AF7. Filter/Separator Heaters	N/A		
AF8. Cathodic Protection	N/A		
AF9. Tank Vents			
AF10. Line Strainers			

Ratings: (1) Clean/Chgr, (2) Bleed, (3) Parkable, (4) Dirty
 * Page 1 & 6 require additional findings and items 8 & 9 require actual numerical readings
 ** Page 1 requires original sample tank nozzle screens
 *** Add date to change out of gauge filter when performing the task

Retain this Record for 12 months
 Form # - QCR-001 (Rev 01-2009)
 ATIA 2009 rev 1)



Fuel Vehicle Location: **K7WN**

Tank Capacity: **2200**

Fuel Type: **(A)** / Avgas

MM/YY:
Feb. 2023

Daily Checks:	Day	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		
DV1. General Condition		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
DV2. Fire Extinguishers		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
DV3. Tank Sumps, to include (Meat & Water)*		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DV4. Static Reel, Clamps & Cables		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
DV5. Hoses, Nozzles, Swivels, Couplings and Dust Covers		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
DV6. Filter Sumps (Meat & Water)*		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DV7. Deadman Control		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
DV8. Nozzle Fueling Pressure*		45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	
DV9. Filter DP*		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
DV10. Surge Waste Tank		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
DV11. Air Tanks		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
DV12. Tanker Troughs (Clear)		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
DV13. Brake Interlock (Safety)		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
DV14. Tanker Bottom Load		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
DV15. Lift Platforms		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Initials of Inspector		[Redacted]																																

Monthly Checks:	Findings	Date	Initials
MV1. Inspect/Clean Nozzle Screens**			
MV2. Filtration & Free Water Checks (Millipore)			
MV3. Static System Continuity (25 ohms or less)			
MV4. Signs, Labels & Placards			
MV5. Spill Kits			
MV6. Fire Extinguishers			
MV7. Deadman Control System			
MV8. Meter Seal (Lead Safety)			
MV9. Tanker Interior			
MV10. Tanker Vent & Dome Cover			
MV11. Calibration of Injectors	N/A		
MV12. Fuel Hoses			
MV13. Emergency Fuel Shutoff			
MV14. Trough Drains			
MV15. Lift Platforms	N/A		
MV16. Corroded DP			

Quarterly Checks:	Findings	Date	Initials
QV1. Pressure Control - Primary & Secondary			
QV2. Water Defense Systems External	N/A		
QV3. Vehicle Inspection			
QV4. Internal Valve and Belly By-Pass Valve			
Sampl-Annual Checks: (if using reusable couplings)			
SV1. Periodic Hose Pressure Test			
Annual Checks:			
AV1. Meter Proving			
AV2. Filter Vessels (Elements)			
AV3. Water Defense Systems (Inspection & Tests)			
AV4. Fire Extinguishers			
AV5. Fueling & Differential Pressure Gauges***			
Comments:			

Readings: S= Safe; (A)= Air; (B)= Brake; (C)= Clamps; (D)= Dust; (E)= Electrical; (F)= Fuel; (G)= Gauges; (H)= Hoses; (I)= Injectors; (J)= Joints; (K)= Labels; (L)= Leaks; (M)= Meter; (N)= Nozzle; (O)= Oil; (P)= Pressure; (Q)= Quantity; (R)= Reel; (S)= Screens; (T)= Tanks; (U)= Under; (V)= Valve; (W)= Water; (X)= X-rays; (Y)= Yards; (Z)= Zero.

*1. In the event of a failure to find a fault, the driver must sign the report. Retain this Record for 12 months.
 **1. In the event of a failure to find a fault, the driver must sign the report. Retain this Record for 12 months.
 ***1. In the event of a failure to find a fault, the driver must sign the report. Retain this Record for 12 months.
 Form # - QCF-001 (Rev 01-2009)
 ATA 2009 (rev 1)

Date 2/20/13 Truck: Jet A Page: 1 of 1

TOP
2500

AC Type Registration	Ticket Number	Meter 1	Gallons	Meter 2	Gallons	Total Gallons	Fuel Inventory	Fueled By
G988M	25475	E	—	E 1505535	300	300	1900	
FA20		B 521136	—	B 1505235				
77706	25476	E	—	E 1505705	170	170	1730	
Premier		B 521136	—	B 1505535				
STV	25477	E 521136	26	E 1505931	26	26	1704	
Bell 206		B 521136		—				
948EA	25478	E	—	E 1505931	200	200	1504	
CS01		B 521136	—	B 1505731				
216KC	25479	E	—	E 1505921	90	90	1414	
PL12		B 521136	—	B 1505931				
2PM	25480	E	—	E 1506141	120	120	1294	
KA		B 521136	—	B 1506021				
945FD	25480	E	—	E 1506410	269	269	1025	
LEAR		B 521136	—	B 1506141				
445FD	25482	E	—	E 1506721	311	311	714	
LEAR		B 521136	—	B 1506410				
		E	—	E			Topped off	
		B 521136	—	B 1506721			2200	
525LE	25483	E 521186	50	E 1506771	50	100	2100	
CS25		B 521136		—				
	25484	E	—	E 1507056	285	285	1815	
LEAR 45		B 521186	—	B 1506771				
		E	—	E				
		B 521186	—	B 1507056				
		E	—	E				
		B	—	B				

#1 END _____ #2 END _____ S-1= _____
 #1 START _____ #2 START _____ S-2= _____
 #1 TOTAL _____ #2 TOTAL _____ S-3= _____

TOTAL FOR THIS SHEET _____ GALLONS
 BEGINNING TRUCK INVENTORY _____ ENDING TRUCK INVENTORY _____

CFM 08/21/03

1871

Service Order Number 25476

N# 777UG Aircraft Type Premier Date 2/20

Name (P)

Address Colt

Credit Card # [Redacted]

Signature [Redacted]

Tanks

		OIL:	
		Left Eng	Right Eng
100LL	Main <u>90L</u>	Type	
Jet A	Aux <u>80L</u>	Grade	
Other		Fill To	

Meter Reading

Meter #1	Meter #2
Ending _____	Ending <u>1505705</u>
Beginning _____	Beginning <u>1505535</u>
Total _____	Total <u>170</u>
Total Number of Gallons <u>170</u>	

Overnight: Hangar _____ Tie Down _____

Serviced By (P)

Other _____

Service

N# 498BM Aircraft Type _____

Name _____

Address FT

Credit Card # _____

Signature _____

Tanks

100LL _____ Main 300

Jet A Aux _____

Other _____

Meter

Meter #1

Ending _____

Beginning 521136

Total _____

Total Number of Gallons _____

Overnight: Hangar _____

Serviced By (P)

Other _____

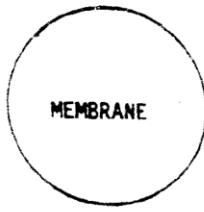
Corporate Flight Management
 Fuel Quality Control Test Record

Date	Equipment	Test Performed	Result	Remarks	Initials
1-28-13	Farm	Millipore	B-D	3 GALLONS DRY	A
1-28-13	Farm	Water	<15	Dry	
1-24-13	Farm	FS-II Additive	6.2 .124% by Volume		
2-6-13	Truck	Millipore	B-D	3 GALLONS DRY	
1-28-13	Truck	Water	<15	Dry	
1-24-13	Truck	FS-II Additive	6.0 .120% by Volume		

Comments:

FUEL QUALITY TEST RECORD

AIRPORT JOHN C. TUNE FACILITY JET. A FARM
 AGENCY CORPORATE FLIGHT MGMT DATE 1-28-13

SAMPLING POINT	MEMBRANE FILTRATION TEST ASTM D-3830	WATER SEPARATION ASTM D-3948	WATER TEST
BEFORE FILTRATION <input type="checkbox"/> PARTICULATE <input type="checkbox"/> CLAY <input type="checkbox"/> FILTER/SEPARATOR ΔP <u>3</u> psi UNIT NO. XXXX	 <p>MEMBRANE</p>		_____ ppm
DRY RATING <input type="checkbox"/> SAMPLE SIZE _____ GAL			
AFTER FILTRATION <input type="checkbox"/> PARTICULATE <input type="checkbox"/> CLAY <input checked="" type="checkbox"/> FILTER/SEPARATOR ΔP <u>3</u> psi UNIT NO. <u>FARM</u>	<p><u>JET. A FARM</u> <u>1-28-13</u> <u>3 GAL B-O DRY</u></p>		<u>115</u> ppm
DRY RATING <u>B-O</u> SAMPLE SIZE <u>3</u> GAL			

NOTES: _____

[RETAIN THIS FORM ON FILE FOR 24 MONTHS]

ATA FORM NO. 103.08 01/15/89

3.1 KJWN Fueler Email

From: Robert.E.Williams [mailto:]
Sent: Friday, February 22, 2013 1:58 PM
To: Lawrence David
Subject: Fw: N777VG 022013 Fueling.pdf

Bob Williams
Aviation Safety Inspector
Atlanta FSDO-11
404-474-5291

----- Forwarded by Robert E Williams/ASO/FAA on 02/22/2013 01:56 PM -----

From: Robert E Williams/ASO/FAA
ASO-ATL-FSDO-11, Atlanta, GA
To: R [redacted]
Date: 02/21/2013 10:15 AM
Subject: Fw: N777VG 022013 Fueling.pdf

<http://flightaware.com/live/flight/N777VG>

Hey Scott and Ray,

I spoke with Connie Dodson, FBO MNGR of Corporate Flight Management, (FBO at John C. Tune Airport) this morning. She stated that the crew flies in every Wed around 4 or 5 in the morning bringing plastic surgeons in to do surgery. The crew are regulars. This morning (2/20/2013) was a standard morning and she talked with the crew and took them to breakfast and picked them back up. (This is standard procedure at Tune airport since they do not have a crew car). Ms. Dodson stated that the crew seemed to be rested and nothing was out of the ordinary. The aircraft took 170 gal. of fuel, 90 on left and 80 on right. I requested a statement from the line crew and person working the desk at the time of their departure and she said she would email them to me when they get to work this afternoon. The other two people copied on the email she sent me are the CEO and the President of the company the aircraft is owned by. The aircraft is apparently managed by a 135 but this was a 91 trip.

According to flight aware the aircraft departed KJWN at 1828 CST and arrived in KHQU at 0804 EST. 38 Min flight. We are in contact with ATC to capture the tapes. Let me know if you need anything else.

Connie Dodson FBO [redacted]
cell [redacted]

I told her to expect more calls.

Good Luck,

Bob Williams
Aviation Safety Inspector
Atlanta FSDO-11
404-474-5291

----- Forwarded by Robert E Williams/ASO/FAA on 02/21/2013 10:01 AM -----

From: "Connie Dodson" <[redacted]>

ASO-ATL-FSDO-11, Atlanta, GA
To: Robert E Williams/ASO/FAA@FAA,
Cc: <[REDACTED]>
Date: 02/21/2013 09:14 AM
Subject: N777VG 022013 Fueling.pdf

Robert,

As per our conversation this morning, here is the service order and receipt for the fueling on Premier N777VG from February 20,2013.

Thank You,
Connie J. Dodson, General Manager
Corporate Flight Management, Inc