Eastern Aviation Fuels, Inc.

Incident / Accident Report

	Na	ture of Ad	ccident / Aircra	ft – Incident Inforn	nation		
Account Name:	econol Ai	aport	Incident Type (Crash or *Spill):		Date of Incident:		
Aircraft Type: EUROCOATER HBB-BK+1/7C-2			Number of Injuries:		Number of Fatalities: 4		
Gallons Fueled:			Fueling Date: 9-8		Dispensed from: Ter Truck 1		
Product Type:			Date of last load: 2 Sept 2017		API at Receipt (Observed): 43.7 (API/Temp and correctred) 43.7 (API/Temp and correctred)		
<i>,</i>	API Gravity and	d Sump R	esults after inci	ident (self-serve/s	torage tank/truck)		
Self-Serve: Observed (API / Temp)	Corrected	Storage (API / Te	Tank: Observed mp)	Corrected	Truck: Observed (API / Temp)	Corrected 45/78 43.4	
Sump Self- Serve: Tank	Filter Sump		Tank Sump:	Filter Sump:	Truck Tank Sump	Filter	
Aircraft F	ueled before I	ncident /	after incident	/ Total number Fu	els from Last Load re	eceived	
No. of A/C fueled Prior:			No. of A/C Aft	ter:	Total # A/C Fueled from last loa		
Results Brown Paper Bag: Equipment in Quarantine Status (Type): All Jet Fuel Equipment							
Retain Sample Taken Date: 9-8-17			Maintained On Site / Shipped to Lab: TRUCK Sample Sent Maintained Street New Been To LAB				
Description of Incider Duke Life	nt-Accident: Flight	Helic			* Elizabeth		
AIRPORT TO	EKing 70	geile	ONS OF	Jet A. He	elicopter t	hen	
Departed	and La	nded	at Sen	TARA Alba	Marle Hos	pital FOR	
Patient 6	Pick up.	SOM	edime A	ifter Depa	rating Sent	ena Abemane	
the Helica	opter c	RASH	ed In	Perquiman	s county		
	W-		Fueling Eq	uipment			
Type:		Capacity:			Elements last installed:		
Jet TRUCK 1		3	K		Nov Zolle		
			essel Last sump	ed & results:	Tank last topped off date:		
9-8-17		9-1	8-17 1	A	9-7-	9-7-17	
Quantity and Grade loaded: Settling			time after loading: 12 Plus Hours		Results, water checks after loading:		
Name of operator wh	no loaded vehi	cle / or se	If-serve (if appl	icable):			
Equipment last check	ed for water p	rior to in	cident, date, tin	ne, method, results	(Tank-Filter): Sumps VISua	SAT	
Name of operator wh	no performed	water che	cks prior to inci				
Results and date of la	ast Millipore te	st (JetA p	roduct ONLY):	AØ 311	Aug 2017		
*If Spill please indica	te number of	gallons of	f spillage here:			•	

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	Information Needed			Load 3		
	2 Sep 17	Attached	Attacked			
Supp						
Transport Company /						
G						
Number of Ga	allons Received	7424				
Batch Clearance Cert, Release Cert Lading Number	326093					
Seals – State whether intact and quote	NA					
Fuel Color (sump sample for	NA					
Tank compartment water checks-a of the aviation fuel receipt record	ttach a copy					
	Main Batch					
Test F	Report Number					
Time Load Introduce	ed into Storage					
Fuel Receipt Checks perform	med by (Name)					
Rete		Drawn in Approved E n JetA / 5 Gallon Avg				
Storage Tank: Yes / No	Truck: \	Yes / No		erve: Yes / No		
Name of operator who drew sampl	es:					
	Reporting Offi	cial's Information fo	r Incident			
Report completed by (Name):	Job Title: OPERCHIONS Supervison					
Contact Telephone:	FAX:	Email:				
Date Report Completed and Faxed:	9-8-1	7				

Report of Analysis



Client:Eastern Aviation Fuels, Inc.

Job Location:Submitted Sample Vessel/Tank:New Bern, NC Lab Reference Number:2017-CHGO-003104 Batch No.:

Sample Designated As: Jet Fuel

Representing: Elizabeth City NC Truck Submitted Sample

Date Taken: 11-Sep-2017
Date Submitted: 12-Sep-2017
Date Tested: 12-Sep-2017
Drawn By: Client

Prawn By: Client
Recert. No.: EA17-033
Client Reference Number: None

Appearance Appearance (SUBMIT_SMP)	ASTM D4176	Clear and free of undissolved			
Appearance (SUBMIT_SMP)	ASTM D4176	Clear and free of undissolved			
		water sediment and unsuspended matter	Clear, Bright & Free of Entrained Matter		Pass
Saybolt Color	ASTM D6045		24		
Composition	<u> </u>				
Acid Number	ASTM D3242	Max 0.10	0.001	mg KOH/g	Pass
Aromatics	ASTM D1319	Max 25	16.9	Vol %	Pass
Sulfur Content	ASTM D4294	Max 0.30	0.153	Wt %	Pass
Mercaptan Sulfur	ASTM D3227	Max 0.003	0.0012	%(m/m)	Pass
Volatility					
Initial Boiling Point	ASTM D86		146.6	°C	
10% Recovery	ASTM D86	Max 205	173.1	°C	Pass
20% Recovery	ASTM D86		181.0	°C	
50% Recovery	ASTM D86		206.4	°C	
90% Recovery	ASTM D86		254.9	°C	
Final Boiling Point	ASTM D86	Max 300	280.7	°C	Pass
Residue	ASTM D86	Max 1.5	1.2	Vol %	Pass
Corrected Loss	ASTM D86	Max 1.5	0.4	Vol %	Pass
Corrected Recovery	ASTM D86		98.4	Vol %	
Corrected Total Recovery	ASTM D86		99.6	Vol %	
Corrected Flash Point	ASTM D56	Min 38	44.5	°C	Pass
API Gravity @ 60°F (SUBMIT_SMP)	ASTM D4052		43.8	°API	
Density @ 15°C (SUBMIT_SMP)	ASTM D4052	775 - 840	807.0	kg/m³	Pass
Fluidity		<u>'</u>	l	-	
Freezing Point	ASTM D5972	Max -40	-46.5	°C	Pass
Kinematic Viscosity @ -4 °F/ -20 °C	ASTM D445	Max 8.0	4.746	mm²/s	Pass
Combustion					
Net Heat of Combustion - Sulfur-Corrected	ASTM D3338/D3338M	Min 42.8	43.203	MJ/kg	Pass
Smoke Point (Manual Procedure)	ASTM D1322	Min 18	23.0	mm	Pass
Naphthalenes	ASTM D1840	Max 3.0	1.29	Vol %	Pass
Corrosion		'			
Copper Corrosion @ 100°C (212°F)/2 hr	ASTM D130	Max No. 1	1a		Pass
Stability					
Instrumentation Used for Evaluating Heater Tube	ASTM D3241		Interferometer		
Test Temperature of Fuel	ASTM D3241		260	°C	
Heater Tube Deposit Thickness	ASTM D3241	Max 85	16	nm	Pass
Heater Tube Deposit Volume	ASTM D3241		0.00450	mm³	
Maximum Pressure Drop Across Filter	ASTM D3241	Max 25	<1	mm Hg	Pass
Spent Fuel Volume	ASTM D3241		427	ml	
Contaminants	•		•	•	
Existent Gum Content	ASTM D381	Max 7	< 1	mg/100ml	Pass
Additional Parameters	•	•		•	
MSEP Rating	ASTM D7224	Min 85	86		Pass

The above referenced sample as tested meets the relevant specification with respect to the tests performed and complies with ASTM D1655 for Jet A.

Report of Analysis



Signed: Date: 12-Sep-2017

Thomas Bush, Laboratory Supervisor