
Cabin smoke, Airbus A300-600, March 28, 2000

Micro-summary: APU smoke caused cabin smoke and an emergency on approach for this A300.


Event Date: 2000-03-28 at 1708 PST


Investigative Body: National Transportation Safety Board (NTSB), USA


Investigative Body's Web Site: <http://www.nts.gov/>

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 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: SEA001A057		Aircraft Registration Number: N667FE	
		Occurrence Date: 03/28/2000		Most Critical Injury: None	
		Occurrence Type: Incident		Investigated By: NTSB	
Location/Time					
Nearest City/Place SEATTLE		State WA	Zip Code 98188	Local Time 1708	Time Zone PST
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Airbus Industrie		Model/Series A-300-600		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On March 28, 2000, about 1708 Pacific standard time, an Airbus A300-600, N667FE, registered to First Security Bank, and operated by Federal Express, Inc, a Title 14 CFR 121 supplemental cargo flight, declared an emergency due to smoke in the cockpit while on approach to Seattle-Tacoma International Airport, Seattle, Washington (the aircraft's scheduled destination). Shortly after declaring the emergency, the aircraft landed without further incident. Visual meteorological conditions prevailed and an instrument flight plan was filed. The airline transport pilot-in-command and first officer were uninjured. The flight originated from Indianapolis, Indiana, about 4 hours prior to the incident.</p> <p>Maintenance personnel from Federal Express reported that a post flight inspection of the aircraft revealed a significant oil leak originating from the auxiliary power unit (APU). They also reported that the oil leaking from the APU had contaminated the environmental system resulting in smoke in the cockpit.</p>					
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		Occurrence Date: 03/28/2000			
		Occurrence Type: Incident			
Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
SEATTLE/TACOMA INTL	SEA	429 Ft. MSL	16R	9425	150
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach: Visual					
VFR Approach/Landing: Straight-in					
Aircraft Information					
Aircraft Manufacturer		Model/Series		Serial Number	
Airbus Industrie		A-300-600		771	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt.	377870 LBS	Number of Engines: 2	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Turbo Fan	P&W				
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
Continuous Airworthiness		Hours	Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?	ELT Operated?	ELT Aided in Locating Accident Site?			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
FEDERAL EXPRESS		3131 DEMOCRAT BUILDING C			
		City	State	Zip Code	
		MEMPHIS	TN	38818	
Operator of Aircraft		Street Address			
Same as Reg'd Aircraft Owner		Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code: FDEA		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s): Cargo; Flag Carrier/Domestic; Supplemental					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 121: Air Carrier					
Type of Flight Operation Conducted: Non-scheduled; Domestic; Cargo					
FACTUAL REPORT - AVIATION					

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: SEA001A057
	Occurrence Date: 03/28/2000
	Occurrence Type: Incident

First Pilot Information

Name On File	City On File	State On File	Date of Birth On File	Age 57
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Sex: M	Seat Occupied: Left	Principal Profession: Civilian Pilot	Certificate Number: On File
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Certificate(s): Airline Transport

Airplane Rating(s): Multi-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): Airplane

Instructor Rating(s):

Type Rating/Endorsement for Accident/Incident Aircraft? Yes	Current Biennial Flight Review?
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Medical Cert.: Class 1	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 01/2000
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time										
Pilot In Command(PIC)										
Instructor										
Last 90 Days	88	88								
Last 30 Days	35	35								
Last 24 Hours	4	4								

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? Yes
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Flight Plan/Itinerary

Type of Flight Plan Filed: IFR

Departure Point INDIANAPOLIS	State IN	Airport Identifier IND	Departure Time 1505	Time Zone CST
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Destination Same as Accident/Incident Location	State	Airport Identifier SEA	
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Type of Clearance: IFR

Type of Airspace: Class B

Weather Information

Source of Briefing:

Method of Briefing:

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: SEA001A057
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Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
SEA	1556	PDT	429 Ft. MSL	0 NM	0 Deg. Mag.
Sky/Lowest Cloud Condition: Unknown			0 Ft. AGL	Condition of Light: Dawn	
Lowest Ceiling: Broken		4500 Ft. AGL		Visibility: 10 SM	Altimeter: 30.00 "Hg
Temperature: 8 °C	Dew Point: 1 °C	Wind Direction: 250		Density Altitude: Ft.	
Wind Speed: 7	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM	Intensity of Precipitation: Unknown			
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information		
Aircraft Damage: None	Aircraft Fire: None	Aircraft Explosion: None

Classification: U.S. Registered/U.S. Soil					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot				1	1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -				2	2
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	2	2

National Transportation Safety Board

FACTUAL REPORT

AVIATION



NTSB ID: SEA00IA057

Occurrence Date: 03/28/2000

Occurrence Type: Incident

Administrative Information

Investigator-In-Charge (IIC)

DENNIS J. HOGENSON

Additional Persons Participating in This Accident/Incident Investigation:

EDWARD KOEING
FAA-FSDO
SEATTLE, WA 98188