

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: ATL96LA016		Aircraft Registration Number: N53870	
		Occurrence Date: 12/01/1995		Most Critical Injury: Minor	
		Occurrence Type: Accident		Investigated By: NTSB	
<b>Location/Time</b>					
Nearest City/Place ALEXANDER CITY		State AL	Zip Code 35010	Local Time 1130	Time Zone CST
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:		Direction From Airport:	
<b>Aircraft Information Summary</b>					
Aircraft Manufacturer Bellanca		Model/Series 8KCAB		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
<b>Narrative</b>					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On December 1, 1995, at 1130 central standard time, a Bellanca 8KCAB, N53870, was substantially damaged following a collision with trees and terrain during a forced landing attempt near Alexander City, Alabama. The airline transport pilot received minor injuries in the accident. The aircraft was being operated under the provisions of 14 CFR Part 91 by the pilot. Visual meteorological conditions existed at the time, and a visual flight rules flight plan was in effect for the flight. The flight departed Columbus, Georgia, at 1045.</p> <p>The pilot stated that while at cruise flight at 4,500 feet above mean sea level, the aircraft engine began to run roughly, and then stopped producing power. The pilot attempted to execute a forced landing on a roadway, but impacted trees, and the terrain during the approach.</p> <p>Examination of the aircraft engine revealed that the "O" ring and diaphragm in the fuel injector servo were leaking. The leaking servo resulted in a rich fuel/air mixture and subsequent loss of engine power.</p>					
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<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used 0	Runway Length	Runway Width
Runway Surface Type:					
Runway Surface Condition:					
Type Instrument Approach: NONE					
VFR Approach/Landing: Forced Landing					
<b>Aircraft Information</b>					
Aircraft Manufacturer Bellanca		Model/Series 8KCAB		Serial Number 225-76	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Tailwheel					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt. 1800 LBS	Number of Engines: 1		
Engine Type: Reciprocating	Engine Manufacturer: Lycoming	Model/Series: AEIO-320-E1B	Rated Power: 150 HP		
- Aircraft Inspection Information					
Type of Last Inspection Annual	Date of Last Inspection 05/1995	Time Since Last Inspection 85 Hours	Airframe Total Time 1690 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? No	ELT Aided in Locating Accident Site?			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner MICHELLE C. HILL		Street Address 12917 WESTERN CIR.			
		City OMAHA	State NE	Zip Code 68154	
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					

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**First Pilot Information**

Name On File	City On File	State On File	Date of Birth On File	Age 37
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Sex: F	Seat Occupied: Rear	Principal Profession: Business	Certificate Number: On File
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Certificate(s): Airline Transport; Flight Instructor

Airplane Rating(s): Multi-engine Land; Single-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): Airplane

Instructor Rating(s): Airplane Single-engine; Instrument Airplane

Type Rating/Endorsement for Accident/Incident Aircraft? No	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: 01/1995
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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	8716	6	1643	7073	1754	553	221			
Pilot In Command(PIC)	3088	6	1516	2375	769	288	100			
Instructor	757		743	13	66	1	29			
Last 90 Days	233	6	6	227	45	20				
Last 30 Days	80	5	5	74	18	4				
Last 24 Hours	1	1	1		1					

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

Type of Flight Plan Filed: VFR

Departure Point COLUMBUS	State GA	Airport Identifier CSG	Departure Time 1045	Time Zone CST
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Destination BIRMINGHAM	State AL	Airport Identifier BHM	
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Type of Clearance: None

Type of Airspace: Class G

**Weather Information**

Source of Briefing: Flight Service Station

Method of Briefing:

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**Weather Information**

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
MGM	1256	CST	221 Ft. MSL	40 NM	310 Deg. Mag.

Sky/Lowest Cloud Condition: Clear 0 Ft. AGL Condition of Light: Day

Lowest Ceiling: None 0 Ft. AGL Visibility: 10 SM Altimeter: 30.00 "Hg

Temperature: 14 °C Dew Point: 3 °C Wind Direction: 230 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: Substantial 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					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -			1		1
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	1		1

National Transportation Safety Board

**FACTUAL REPORT**

**AVIATION**



NTSB ID: ATL96LA016

Occurrence Date: 12/01/1995

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

ROFF H. SASSER

Additional Persons Participating in This Accident/Incident Investigation:

WILLIAM G ELLIOT  
BIRMINGHAM FSDO  
BIRMINGHAM, AL