



National Transportation Safety Board Aviation Accident Final Report

Location:	MIAMI, FL	Accident Number:	MIA83FA235
Date & Time:	09/19/1983, 1643 EDT	Registration:	N55ED
Aircraft:	BEECH 65-80	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Serious, 1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

SEVERAL DAYS PRIOR, A FAM FLT WAS INTENDED IN THE ACFT TO BE GIVEN TO THE PLT BY ANOTHER PERSON WHO REPRESENTED HIMSELF AS A PLT. THE FLT WAS CANCELLED DUE TO A PROBLEM WITH THE LEFT ENG. ON THE DAY OF THE ACCIDENT, THE OTHER PERSON TOLD THE PLT THAT THE ENG WAS REPAIRED & THEY PROCEEDED TO CONDUCT A LOCAL TEST FLT WITH THE OTHER PERSON CONDUCTING THE TAKEOFF FROM THE LEFT SEAT. THEY REPORTEDLY SWITCHED SEATS PRIOR TO LANDING. THE APPROACH APPEARED NORMAL UNTIL JUST PRIOR TO LANDING. A BURST OF SOUND FROM THE ENGS WAS HEARD & THE ACFT YAWED & ROLLED LEFT. THE LEFT WING IMPACTED THE GROUND & THE ACFT CARTWHEELED. THE LAST LOGBOOK ENTRY WAS IN 10/82. THE OWNER COULD NOT BE LOCATED. THE OTHER PLT COULD NOT BE LOCATED & THERE IS NO RECORD OF HIM BEING ISSUED A PLT'S CERTIFICATE. DURING TEARDOWN OF THE LEFT ENG THE SERVO FUEL INJECTOR WAS FOUND RIGGED EXTREMELY LEAN AT THE IDLE STOP.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF

Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (C) FUEL SYSTEM,INJECTOR - IMPROPER
 2. (C) MAINTENANCE,ADJUSTMENT - IMPROPER - OTHER MAINTENANCE PERSONNEL
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Occurrence #2: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: GO-AROUND (VFR)

Findings

3. (C) JUDGMENT - POOR - PILOT IN COMMAND
 4. (C) ABORTED LANDING - PERFORMED - PILOT IN COMMAND
 5. (C) GO-AROUND - INITIATED - PILOT IN COMMAND
 6. (C) AIRCRAFT HANDLING - UNCONTROLLED - PILOT IN COMMAND
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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: GO-AROUND (VFR)

Factual Information

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	29, Female
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):		Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	07/19/1983
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	368 hours (Total, all aircraft), 2 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N55ED
Model/Series:	65-80 65-80	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	LD-3
Landing Gear Type:	Retractable - Tricycle	Seats:	7
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	8800 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:	Not installed	Engine Model/Series:	IGSO-540-A1A
Registered Owner:	UNKNOWN	Rated Power:	380 hp
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	OPF, 9 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1643 EDT	Direction from Accident Site:	0°
Lowest Cloud Condition:	Scattered / 2500 ft agl	Visibility	12 Miles
Lowest Ceiling:	Broken / 25000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	120°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class E

Airport Information

Airport:	OPA LOCKA (OPF)	Runway Surface Type:	Asphalt
Airport Elevation:	9 ft	Runway Surface Condition:	Dry
Runway Used:	9L	IFR Approach:	None
Runway Length/Width:	8002 ft / 150 ft	VFR Approach/Landing:	Full Stop; Straight-in

Wreckage and Impact Information

Crew Injuries:	1 Serious, 1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Serious, 1 Minor	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	ANDY A ALSTON	Report Date:	
Additional Participating Persons:			
Publish Date:			
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.ntsb.gov/pubdms/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).