



National Transportation Safety Board Aviation Accident Data Summary

Location:	Port Orange, FL	Accident Number:	MIA07FA011
Date & Time:	11/01/2006, 1118 EST	Registration:	N6017U
Aircraft:	Beech BE-76	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

During an instructional flight in a Beech BE-76, the flight instructor and student noted a total loss of power in the right engine. They declared an emergency to air traffic control (ATC), and initially flew toward their home airport, about 8 nautical miles away. The flight instructor and student pilot subsequently reported minimum fuel to ATC, and then diverted to a closer airport, as they believed that the airplane was about to lose power in the left engine. The airplane impacted a residential area about 1 nautical mile from the alternate airport. Examination of fueling records, operator records, and the student's pilot logbook revealed that the airplane flew about 3.3 hours since it was completely fueled; however, the operator records were incomplete, and any additional flights in the accident airplane during that time could not be verified. The airplane's fuel capacity was 103 total gallons, of which 3 gallons were unusable fuel. Review of engine manufacturer information revealed that each engine consumed about 10.5 gallons-per-hour at 75 percent power. Examination of the wreckage did not reveal any preimpact mechanical malfunctions, and no fuel was present throughout the fuel system.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The flight instructor's inadequate preflight planning which resulted in fuel exhaustion.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: APPROACH

Findings

1. 2 ENGINES
2. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND(CFI)
3. FLUID,FUEL - EXHAUSTION

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: EMERGENCY DESCENT/LANDING

Findings

4. TERRAIN CONDITION - GROUND

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	25
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
Flight Time:	470 hours (Total, all aircraft), 21 hours (Total, this make and model), 353 hours (Pilot In Command, all aircraft), 10 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Student Pilot Information

Certificate:	Private	Age:	37
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	230 hours (Total, all aircraft), 30 hours (Total, this make and model), 128 hours (Pilot In Command, all aircraft), 95 hours (Last 90 days, all aircraft), 29 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N6017U
Model/Series:	BE-76	Engines:	2 Reciprocating
Operator:	Aussie Air Inc	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-360
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	DAB, 34 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 6500 ft agl	Wind Speed/Gusts, Direction:	11 knots / , 360°
Temperature:	26° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Daytona Beach, FL (DAB)	Destination:	Spruce Creek, FL (7FL6)

Airport Information

Airport:	SPRUCE CREEK (7FL6)	Runway Surface Type:	
Runway Used:	NA	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	2 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	30.043056, -82.604167		

Administrative Information

Investigator In Charge (IIC):	John W Lovell	Adopted Date:	07/30/2008
Investigation Docket:	NTSB accident and incident docket 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.nts.gov/pubdms/ .		

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