



National Transportation Safety Board Aviation Accident Data Summary

Location:	PAW PAW, MI	Accident Number:	CHI86FEM08
Date & Time:	06/01/1986, 0930 EDT	Registration:	N5152C
Aircraft:	BEECH B35	Injuries:	2 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

ON TAKEOFF AT APPROX 100' THE ENGINE BEGAN TO FALTER. THE PILOT DID A 180 DEG TURN AND LANDED ABOUT 1/2 WAY DOWN THE RUNWAY. AFTER BOUNCING TWICE AND SEEING THAT HE WOULD PROBABLY RUN OFF THE END, HE PERFORMED A GO-AROUND. AT A POINT NEAR THE END OF THE RUNWAY, ACCORDING TO HIS PASSENGER, THE ENGINE QUIT. THE AIRCRAFT THEN DESCENDED INTO TREES. FOLLOWING THE ACCIDENT THE FUEL SELECTOR WAS FOUND ON AN EMPTY TANK AND THE ENGINE RAN NORMALLY ON A TEST STAND.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) FLUID,FUEL - STARVATION
 2. (C) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND
 3. (C) FUEL SYSTEM,SELECTOR/VALVE - NOT SWITCHED
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Occurrence #2: FORCED LANDING
Phase of Operation: LANDING

Findings

4. (F) ALL AVAILABLE RUNWAY - NOT USED - PILOT IN COMMAND
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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Private	Age:	44
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	400 hours (Total, all aircraft), 70 hours (Total, this make and model), 5 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N5152C
Model/Series:	B35 B35	Engines:	1 Reciprocating
Operator:	JAMES E. PETERS	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	E-225-8
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	AZO, 874 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	12 knots / , 250°
Temperature:	25° C	Visibility	8 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	ALEMNA (2C5)	Runway Surface Type:	Grass/turf
Runway Used:	9	Runway Surface Condition:	Dry
Runway Length/Width:	3250 ft / 100 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): D. E CARIS

Adopted 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.nts.gov/pubdms/>.

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