



National Transportation Safety Board Aviation Accident Final Report

Location:	INDIANAPOLIS, IN	Accident Number:	CHI86LA135
Date & Time:	05/01/1986, 0845 EDT	Registration:	N21139
Aircraft:	CESSNA 182P	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 Serious
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

THE ACFT HAD SAT IDLE FOR FOUR DAYS IN HEAVY RAINS PRIOR TO THIS FLT. A LOSS OF POWER WAS EXPERIENCED DURING TAKEOFF. THE PLT ATTEMPTED A 180 DEG TURN BACK TO THE ARPT DURING WHICH THE ACFT STALLED AND DESCENDED TO GROUND IMPACT. APRX 2.5 OUNCES OF WATER WERE FOUND IN THE CARBURETOR. WATER WAS ALSO FOUND IN THE RIGHT FUEL TANK. THE LEFT TANK HAD RUPTURED DURING THE ACCIDENT. THE FUEL CAPS AND CHAINS WERE FOUND TO BE RUSTED.

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) - NONMECHANICAL
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) FUEL SYSTEM,CARBURETOR - WATER
2. (C) FUEL SYSTEM,TANK - WATER
3. (C) AIRCRAFT PREFLIGHT - POOR - PILOT IN COMMAND

Occurrence #2: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: MANEUVERING - TURN TO REVERSE DIRECTION

Findings

4. (C) MANEUVER - IMPROPER - PILOT IN COMMAND
5. (C) AIRSPEED(VS) - NOT MAINTAINED - PILOT IN COMMAND
6. (F) OVERCONFIDENCE IN PERSONAL ABILITY - PILOT IN COMMAND
7. (F) STALL - UNCONTROLLED - PILOT IN COMMAND

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Private	Age:	52, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	11/18/1985
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1271 hours (Total, all aircraft), 1053 hours (Total, this make and model), 1014 hours (Pilot In Command, all aircraft), 13 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N21139
Model/Series:	182P 182P	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	18261440
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	12/01/1985, Annual	Certified Max Gross Wt.:	2950 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1750 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	O-470-R
Registered Owner:	J.E. MEADORS	Rated Power:	230 hp
Operator:	J. MEADORS	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	IND, 797 ft msl	Distance from Accident Site:	7 Nautical Miles
Observation Time:	0851 CDT	Direction from Accident Site:	178°
Lowest Cloud Condition:	Unknown / 15000 ft agl	Visibility	12 Miles
Lowest Ceiling:	Broken / 15000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	13 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	330°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	14° C / 9° C
Precipitation and Obscuration:			
Departure Point:	INDIANAPOLIS, IN (I14)	Type of Flight Plan Filed:	None
Destination:	CHICAGO, IL	Type of Clearance:	VFR
Departure Time:	0805 EDT	Type of Airspace:	Class D

Airport Information

Airport:	EAGLE BROOK (I14)	Runway Surface Type:	Grass/turf
Airport Elevation:	0 ft	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Forced Landing

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Substantial
Passenger Injuries:	1 Serious	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Serious	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	EDWARD J MCAVOY	Report Date:	
Additional Participating Persons:	L SWOPE; INDIANAPOLIS, IN G CHANEY; DES PLAINES, IL		
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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.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](#).