



National Transportation Safety Board Aviation Accident Data Summary

Location:	ANDERSON, IN	Accident Number:	CHI90LA147
Date & Time:	06/02/1990, 0730 EST	Registration:	N8215Z
Aircraft:	CESSNA C205	Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT STATED THAT, WHILE IN CRUISE FLIGHT IN IFR CONDITIONS AND MODERATE RAIN, THE AIRCRAFT EXPERIENCED A COMPLETE LOSS OF ENGINE POWER. ATTEMPTS TO RESTART THE ENGINE WERE UNSUCCESSFUL, AND A FORCED LANDING WAS PERFORMED. THE AIRCRAFT TRAVELED OVER A SLIGHT EMBANKMENT, THE NOSE WHEEL DUG INTO THE GROUND AND THE AIRCRAFT NOSED OVER. POST-ACCIDENT EXAMINATION OF THE ENGINE, ITS ACCESSORIES, AND THE FUEL SYSTEM REVEALED NO EVIDENCE OF PRE-IMPACT MECHANICAL MALFUNCTION.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S ENCOUNTER WITH UNSUITABLE TERRAIN DURING THE LANDING ROLL AFTER A FORCED LANDING. CONTRIBUTING FACTORS IN THIS ACCIDENT WERE THE TOTAL POWERPLANT FAILURE AND THE IFR WEATHER CONDITIONS WHICH LIMITED THE LANDING SITE SELECTION.

Findings

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

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED
2. (C) WEATHER CONDITION - LOW CEILING
3. EMERGENCY PROCEDURE - ATTEMPTED - PILOT IN COMMAND

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

Occurrence #3: NOSE OVER
Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - GRASS
5. (F) TERRAIN CONDITION - ROUGH/UNEVEN
6. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - ENCOUNTERED - PILOT IN COMMAND

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:	389 hours (Total, all aircraft), 7 hours (Total, this make and model), 358 hours (Pilot In Command, all aircraft), 70 hours (Last 90 days, all aircraft), 19 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N8215Z
Model/Series:	C205 C205	Engines:	1 Reciprocating
Operator:	HILL'S AVIATION, INC.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-470-S
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:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	Broken / 1000 ft agl	Wind Speed/Gusts, Direction:	15 knots / , 200°
Temperature:	16° C	Visibility	3 Miles
Precipitation and Obscuration:			
Departure Point:	MT. STERLING, KY (013)	Destination:	CHICAGO, IL (CGX)

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	JODI L REEVES	Adopted Date:	09/15/1992
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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