



National Transportation Safety Board Aviation Accident Data Summary

Location:	PRINCETON, NJ	Accident Number:	NYC91LA056
Date & Time:	01/01/1991, 1400 EST	Registration:	N4675K
Aircraft:	CESSNA 182P	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

SHORTLY AFTER DEPARTING RUNWAY 28 AT PRINCETON AIRPORT, AT ABOUT 800 FEET, THE AIRPLANE ENGINE SUDDENLY LOST POWER. THE PILOT SAID THAT HE MADE A RIGHT TURN AND ATTEMPTED A LANDING IN A CLEARED FIELD ADJACENT TO THE DEPARTURE END OF RUNWAY 28. AS HE APPROACHED GROUND LEVEL, HE BANKED LEFT TO AVOID A LARGE TREE IN FRONT OF THE RIGHT WING. THE LEFT WING TIP, LEFT MAIN GEAR, AND NOSE OF THE AIRPLANE HIT THE GROUND. ATMOSPHERIC CONDITIONS WERE CONDUCIVE TO CARBURETOR ICE. THE FAA INSPECTORS REPORTED THE AIRPLANE ENGINE WAS REMOVED FROM THE AIRPLANE PRIOR TO THEIR ARRIVAL AT THE ACCIDENT SITE.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: PILOT FACTOR IN THAT THE PILOT FAILED TO USE CARBURETOR HEAT RESULTING IN ENGINE POWER LOSS DUE TO CARBURETOR ICE. FACTORS WERE UNSUITABLE TERRAIN AND OBSTRUCTIONS.

Findings

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

Findings

1. (F) WEATHER CONDITION - CARBURETOR ICING CONDITIONS

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

Occurrence #3: DRAGGED WING, ROTOR, POD, FLOAT OR TAIL/SKID
Phase of Operation: DESCENT - EMERGENCY

Findings

2. (F) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND
3. (C) CLEARANCE - MISJUDGED - PILOT IN COMMAND

Occurrence #4: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Pilot Information

Certificate:	Commercial	Age:	54
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	755 hours (Total, all aircraft), 461 hours (Total, this make and model), 649 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N4675K
Model/Series:	182P 182P	Engines:	1 Reciprocating
Operator:	ROBERT H. BURY	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-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:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Light and Variable / , 270°
Temperature:	3°C	Visibility:	25 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	PRINCETON (39N)	Runway Surface Type:	Asphalt
Runway Used:	28	Runway Surface Condition:	Dry
Runway Length/Width:	3105 ft / 60 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): Chauncey D Twine

Adopted Date: 04/27/1993

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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