



National Transportation Safety Board Aviation Accident Data Summary

Location:	WIND RIVER, AK	Accident Number:	ANC88LA002
Date & Time:	10/01/1987, 1815 AKD	Registration:	N54763
Aircraft:	PIPER PA-18	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE ACFT LOST POWER DURING TAKEOFF AND THE ACFT STALL/MUSHED BACK TO GROUND CONTACT. THE PILOT STATED THAT THE PARTIAL POWER FAILURE WAS DUE TO CARBURETOR ICING. THE EXAMINATION OF THE AIRCRAFT ENGINE REVEALED NO MECHANICAL FAILURE OR MALFUNCTION.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) WEATHER CONDITION - CARBURETOR ICING CONDITIONS
2. (C) FUEL SYSTEM,CARBURETOR - ICE
3. (C) CARBURETOR HEAT - IMPROPER USE OF - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF

Pilot Information

Certificate:	Commercial	Age:	33
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2605 hours (Total, all aircraft), 120 hours (Total, this make and model), 2500 hours (Pilot In Command, all aircraft), 205 hours (Last 90 days, all aircraft), 100 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N54763
Model/Series:	PA-18 PA-18	Engines:	1 Reciprocating
Operator:	RICHARD M. REID	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	On-demand Air Taxi (135)	Engine Model/Series:	O-320-A2B
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:	Overcast / 1500 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 320°
Temperature:	-1° C	Visibility	5 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	JAMES MICHELANGELO	Adopted Date:	11/08/1988
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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