



National Transportation Safety Board Aviation Accident Data Summary

Location:	BROAD PASS, AK	Accident Number:	ANC90LA082
Date & Time:	06/01/1990, 1145 AKD	Registration:	N36841
Aircraft:	DE HAVILLAND DHC2	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLT RPRTD THAT DURING FLT, HE ENCOUNTERED DETERIORATING WX CONDITIONS. TO AVOID CLOUDS IN A PASS, HE ELECTED TO REVERSE COURSE. HOWEVER, THE ACFT WAS TOO CLOSE TO RISING TERRAIN & WOULD NOT OUT CLIMB THE TERRAIN GRADIENT. SUBSEQUENTLY, IT CRASHED IN A WOODED AREA.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S CONTINUED FLIGHT INTO KNOWN ADVERSE WEATHER, AND HIS DELAY IN REVERSING COURSE (IMPROPER IN-FLIGHT PLANNING/DECISION). FACTORS RELATED TO THE ACCIDENT WERE: TERRAIN AND WEATHER CONDITIONS.

Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER
Phase of Operation: CRUISE

Findings

1. (F) TERRAIN CONDITION - HIGH TERRAIN
2. (F) WEATHER CONDITION - CLOUDS
3. (F) WEATHER CONDITION - LOW CEILING
4. (C) FLIGHT INTO KNOWN ADVERSE WEATHER - CONTINUED - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: MANEUVERING - TURN TO REVERSE DIRECTION

Findings

5. (F) TERRAIN CONDITION - RISING
6. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND

Pilot Information

Certificate:	Commercial	Age:	26
Airplane Rating(s):	Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	550 hours (Total, all aircraft), 50 hours (Total, this make and model), 100 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	DE HAVILLAND	Registration:	N36841
Model/Series:	DHC2 DHC2	Engines:	1 Reciprocating
Operator:	KAKELDY, RONALD	Engine Manufacturer:	P&W
Operating Certificate(s) Held:	None	Engine Model/Series:	R-985
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Unknown	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 180°
Temperature:	10° C	Visibility	1 Miles
Precipitation and Obscuration:			
Departure Point:	CAMPBELL LAKE, AK	Destination:	FAIRBANKS, AK

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	JAMES D LABELLE	Adopted Date:	09/30/1991
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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