



National Transportation Safety Board Aviation Accident Data Summary

Location:	HEALY, AK	Accident Number:	ANC97LA081
Date & Time:	06/01/1997, 1825 AKD	Registration:	N3602A
Aircraft:	Piper PA-22	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot was departing in a tailwheel equipped airplane from a runway that was located along and above a small creek. A right crosswind of about 8 knots was prevailing at the airport. During the takeoff roll, the right wing began to rise. Full right aileron control did not prevent the right wing from continuing to rise. The airplane departed off the left edge of the runway and became airborne. It then stalled and descended about 75 ft to the ground in a near nose level attitude. The airplane received damage to the left wing, fuselage, and landing gear.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's inadequate compensation for wind conditions, and failure to maintain directional control of the airplane and runway alignment. Factors relating to the accident were: the crosswind, and the proximity of a creek (ravine) to the runway.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
4. (C) PROPER ALIGNMENT - NOT MAINTAINED - PILOT IN COMMAND

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

Findings

5. (F) TERRAIN CONDITION - RAVINE

Pilot Information

Certificate:	Private	Age:	29
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	215 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N3602A
Model/Series:	PA-22 PA-22	Engines:	1 Reciprocating
Operator:	BRENT A. HOWELL	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-290-D2
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:	HVI, 1294 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 4000 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 244°
Temperature:	7°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	(HVI)	Destination:	ANCHORAGE, AK (MRI)

Airport Information

Airport:	HEALY RIVER (HRR)	Runway Surface Type:	Asphalt
Runway Used:	15	Runway Surface Condition:	Dry
Runway Length/Width:	2920 ft / 60 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor	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): SCOTT R ERICKSON Adopted Date: 05/29/1998

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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