



National Transportation Safety Board Aviation Accident Data Summary

Location:	Ugashik, AK	Accident Number:	ANC08LA047
Date & Time:	04/01/2008, 0900 AKD	Registration:	N5840Z
Aircraft:	PIPER PA-22	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot was landing a tailwheel and tundra tire-equipped airplane on an ice-covered lake. During the landing roll, the main landing gear tires encountered an area of water, which rapidly slowed the airplane, resulting in a loss of control and a nose over. The airplane received structural damage to the wings, wing lift struts, and the vertical stabilizer.

Flight Events

Landing-landing roll - Loss of control on ground
Landing-landing roll - Nose over/nose down

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's selection of unsuitable terrain for landing, which resulted in a nose over. A factor contributing to the accident was water on the surface of the ice-covered lake.

Findings

Personnel issues-Action/decision-Info processing/decision-Decision making/judgment-Pilot - C
Environmental issues-Physical environment-Terrain-Wet/muddy-Contributed to outcome - F
Environmental issues-Physical environment-Terrain-(general)-Decision related to condition - C

Pilot Information

Certificate:	Airline Transport; Flight Instructor	Age:	48
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	6000 hours (Total, all aircraft), 1200 hours (Total, this make and model), 6000 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	PIPER	Registration:	N5840Z
Model/Series:	PA-22	Engines:	1 Reciprocating
Operator:		Engine Manufacturer:	Lycoming
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-235C2
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Weather Information Source:	Pilot
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 4000 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Light and Variable, Variable
Temperature:	1° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Ugashik, AK (9A8)	Destination:	

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

Administrative Information

Investigator In Charge (IIC):	Scott R Erickson	Adopted Date:	12/08/2008
Investigation Docket:	NTSB accident and incident docket 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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