



National Transportation Safety Board Aviation Accident Data Summary

Location:	North Pole, AK	Accident Number:	ANC04LA034
Date & Time:	03/05/2004, 1130 AST	Registration:	N515N
Aircraft:	Cessna 170A	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The private certificated pilot attempted to takeoff in his ski-equipped tailwheel airplane from a snow covered runway. He reported that the airplane didn't seem to accelerate as quickly as it normally did, which he attributed to the snow condition. The airplane lifted off and settled onto the runway three times before the pilot aborted the takeoff. He was unable to stop the airplane on the runway, and it ran off the end and collided with a snowbank, receiving substantial damage to the wings, fuselage, and horizontal stabilizer. The pilot wrote in his report to the NTSB that the accident could have been prevented "by aborting the takeoff in a timely manner."

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's delayed response in initiating an aborted takeoff, which resulted in an overrun and collision with a snowbank.

Findings

Occurrence #1: OVERRUN
Phase of Operation: TAKEOFF - ABORTED

Findings
1. (C) ABORTED TAKEOFF - DELAYED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ABORTED

Findings
2. TERRAIN CONDITION - SNOWBANK

Pilot Information

Certificate:	Private	Age:	62
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1114 hours (Total, all aircraft), 815 hours (Total, this make and model), 30 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Cessna	Registration:	N515N
Model/Series:	170A	Engines:	1 Reciprocating
Operator:	Richard A. Hayden	Engine Manufacturer:	Continental
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-300A
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:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Calm
Temperature:	-23 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	North Pole, AK	Destination:	Fort Yukon, AK

Airport Information

Airport:	Bradley Sky Ranch (95Z)	Runway Surface Type:	Gravel
Runway Used:	33	Runway Surface Condition:	Snow--dry
Runway Length/Width:	3400 ft / 80 ft		

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	James D La Belle	Adopted Date:	09/01/2004
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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