



National Transportation Safety Board Aviation Accident Data Summary

Location:	Fairbanks, AK	Accident Number:	ANC16CA031
Date & Time:	06/11/2016, 1300 AKD	Registration:	N5650J
Aircraft:	MAULE M 6-235	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot stated that while attempting to assess the suitability of a gravel-covered ridge top for future landings in his tail-wheel equipped airplane, he attempted a full flap landing on the main wheels. After bouncing twice, he aborted the landing and adjusted the flaps to 40 degrees and applied full power. During the subsequent takeoff, he felt something hit the airplane, but elected to continue the takeoff and proceed to his final destination. During a postflight inspection, the pilot discovered substantial damage to the lower cross member structure of the fuselage.

The pilot stated there were no pre-accident mechanical malfunctions or anomalies that would have precluded normal operation.

Flight Events

Landing-aborted after touchdown - Collision during takeoff/land

Probable Cause

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

The pilot's decision to land on terrain unsuitable for a wheel equipped airplane.

Findings

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

Pilot Information

Certificate:	Private	Age:	51
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	681 hours (Total, all aircraft), 149 hours (Total, this make and model), 608 hours (Pilot In Command, all aircraft), 11 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	MAULE	Registration:	N5650J
Model/Series:	M 6-235	Engines:	Reciprocating
Operator:	On file	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-540
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:	PAFA, 432 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 9500 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	13°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Fairbanks, AK (AK28)	Destination:	Fairbanks, AK (25AA)

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	64.090000, -148.080000 (est)		

Administrative Information

Investigator In Charge (IIC):	David S Williams	Adopted Date:	12/05/2016
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=93415		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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