



National Transportation Safety Board Aviation Accident Data Summary

Location:	Lake Leelanau, MI	Accident Number:	CHI02LA057
Date & Time:	01/03/2002, 1600 EST	Registration:	N302AC
Aircraft:	Aeronca 11AC	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The airplane flipped over as its ski equipped landing gear dug into a snow covered runway during touchdown. The pilot reported that there were no mechanical problems with the airplane and that the accident could have been prevented by being more cautious when landing on unfrozen earth and wet snow.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The improper planning/decision in runway selection. The soft runway condition and wet snow were contributing factors.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (F) WEATHER CONDITION - SNOW
2. (C) PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
3. (F) TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Private	Age:	64
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	828 hours (Total, all aircraft), 671 hours (Total, this make and model), 762 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Aeronca	Registration:	N302AC
Model/Series:	11AC	Engines:	1 Reciprocating
Operator:	Robert R. Martinson	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-C1
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:	TVC, 624 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	10 knots / , 270°
Temperature:	-4° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Lake Leelanau, MI (PVT)	Destination:	

Airport Information

Airport:	Krieger's Farm Strip (PVT)	Runway Surface Type:	Snow
Runway Used:	18	Runway Surface Condition:	Snow--wet
Runway Length/Width:	1800 ft / 300 ft		

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):	Mitchell F Gallo	Adopted Date:	08/28/2002
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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