



National Transportation Safety Board Aviation Accident Data Summary

Location:	Chiloquin, OR	Accident Number:	WPR13CA079
Date & Time:	01/01/2013, 1500 PST	Registration:	N58677
Aircraft:	CESSNA 182P	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

After the private pilot and flight instructor conducted a low pass over a snow-covered runway, the private pilot proposed returning to their home airport. However, the flight instructor elected to demonstrate a soft field touch-and-go landing on the snow-covered runway before the return flight. When the airplane touched down, the snow was deeper than the flight instructor anticipated, and the airplane slowed faster than he expected. The pilots added full power and increased back pressure on the control yoke; however, the airplane pitched forward on its nosewheel and then rolled right and left, striking both wings and substantially damaging both main wing spars. The pilots reported no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Flight Events

Landing-landing roll - Loss of control on ground

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The flight instructor’s failure to maintain airplane control during a landing on a snow-covered runway.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-(general)-Not attained/maintained - C
 Personnel issues-Task performance-Use of equip/info-Aircraft control-Instructor/check pilot - C
 Environmental issues-Physical environment-Runway/land/takeoff/taxi surfa-Snow/slush/ice covered-Effect on operation

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	32
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
Flight Time:	6450 hours (Total, all aircraft), 125 hours (Total, this make and model), 5900 hours (Pilot In Command, all aircraft), 79 hours (Last 90 days, all aircraft), 24 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Pilot Information

Certificate:	Private	Age:	35
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	65 hours (Total, all aircraft), 13 hours (Total, this make and model), 32 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N58677
Model/Series:	182P	Engines:	1 Reciprocating
Operator:	Pacific Aviation Northwest Inc	Engine Manufacturer:	CONT MOTOR
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-470 SERIES
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	LMT, 4095 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Calm
Temperature:	-4° C / -9° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Grants Pass, OR (3S8)	Destination:	Chiloquin, OR (2S7)

Airport Information

Airport:	Chiloquin State Airport (2S7)	Runway Surface Type:	Asphalt; Snow
Runway Used:	35	Runway Surface Condition:	Snow
Runway Length/Width:	3749 ft / 60 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Debra J Eckrote	Adopted Date:	04/10/2013
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=85920		

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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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