



Aviation Investigation Final Report

Location:	Preston, Idaho	Accident Number:	WPR09CA058
Date & Time:	December 16, 2008, 21:30 Local	Registration:	N4008N
Aircraft:	Cessna 140	Aircraft Damage:	Substantial
Defining Event:	Hard landing	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

After landing hard and bouncing, the pilot elected to apply full power and go around. The pilot said there was no response from the engine when he pushed the throttle full in, "...possibly because I advanced the throttle too quickly." The airplane drifted left, exited the runway, and impacted shallow snow on the shoulder of the runway pavement before nosing over and coming to rest inverted. The pilot did not report experiencing any flight control or mechanical anomalies with the airplane prior to the accident.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's misjudged flare and improper recovery from a bounced landing, which resulted in a loss of control and subsequent nose over.

Findings

Personnel issues	Incorrect action performance - Pilot
Personnel issues	Identification/recognition - Pilot
Aircraft	Landing flare - Incorrect use/operation

Factual Information

History of Flight

Landing-flare/touchdown	Hard landing (Defining event)
Landing-landing roll	Loss of control on ground
Landing-landing roll	Runway excursion
Landing-landing roll	Nose over/nose down

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	35, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	November 6, 2008
Occupational Pilot:	No	Last Flight Review or Equivalent:	November 6, 2007
Flight Time:	849 hours (Total, all aircraft), 18 hours (Total, this make and model), 768 hours (Pilot In Command, all aircraft), 228 hours (Last 90 days, all aircraft), 57 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4008N
Model/Series:	140	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	13466
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	January 8, 2008 Annual	Certified Max Gross Wt.:	1450 lbs
Time Since Last Inspection:	19 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2736 Hrs as of last inspection	Engine Manufacturer:	Teledyne Continental
ELT:	Installed, not activated	Engine Model/Series:	O-200A
Registered Owner:	On file	Rated Power:	100 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Night/dark
Observation Facility, Elevation:	LGU,4457 ft msl	Distance from Accident Site:	30 Nautical Miles
Observation Time:	21:48 Local	Direction from Accident Site:	180°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	-7°C / -8°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Logan, UT (LGU)	Type of Flight Plan Filed:	None
Destination:	Preston, ID (U10)	Type of Clearance:	None
Departure Time:	21:00 Local	Type of Airspace:	

Airport Information

Airport:	Preston Airport U10	Runway Surface Type:	Asphalt;Snow
Airport Elevation:	4728 ft msl	Runway Surface Condition:	Snow
Runway Used:	21	IFR Approach:	None
Runway Length/Width:	3457 ft / 50 ft	VFR Approach/Landing:	Full stop;Traffic pattern

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
Total Injuries:	2 None	Latitude, Longitude:	42.096389,-111.875556

Administrative Information

Investigator In Charge (IIC):	Little, Thomas
Additional Participating Persons:	Lyndsay Carlson; Federal Aviation Administration; Salt lake City, UT
Original Publish Date:	January 29, 2009
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=69585

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