



National Transportation Safety Board Aviation Accident Data Summary

Location:	Elkhart, IN	Accident Number:	CEN13LA127
Date & Time:	01/02/2013, 1125 EST	Registration:	N707HL
Aircraft:	LUSCOMBE 8	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot was landing the airplane when it touched down on the left main landing gear and bounced. The pilot attempted to recover from the bounce by reducing pitch so that the main landing gear wheels would touch down onto the runway surface, but he inadvertently applied too much pitch control input and also applied left rudder control input. The airplane then veered left off the runway and nosed-over when it impacted an area of plowed snow. The pilot reported no malfunctions or failures with the airplane that would have precluded normal operation.

Flight Events

Landing-flare/touchdown - Abnormal runway contact
Landing-flare/touchdown - Hard landing
Landing-flare/touchdown - Loss of control on ground
Landing-landing roll - Collision during takeoff/land

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's improper flare, which resulted in a bounced landing.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Pitch control-Not attained/maintained - C
Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Pilot Information

Certificate:	Commercial	Age:	63
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	925 hours (Total, all aircraft), 465 hours (Total, this make and model), 925 hours (Pilot In Command, all aircraft), 8 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	LUSCOMBE	Registration:	N707HL
Model/Series:	8 F	Engines:	1 Reciprocating
Operator:	Pilot	Engine Manufacturer:	Continental
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-200-A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	EKM, 778 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Overcast / 1800 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	6 knots, 230°
Temperature:	-7°C / -11°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Elkhart, IN (3C1)	Destination:	Elkhart, IN (3C1)

Airport Information

Airport:	Mishawaka Pilots Club Airport (3C1)	Runway Surface Type:	Asphalt
Runway Used:	21	Runway Surface Condition:	Dry
Runway Length/Width:	2243 ft / 40 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):	Mitchell F Gallo	Adopted Date:	03/24/2014
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=86001		

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