



National Transportation Safety Board Aviation Accident Data Summary

Location:	Caldwell, ID	Accident Number:	WPR13CA179
Date & Time:	04/02/2013, 1830 MDT	Registration:	N4687E
Aircraft:	AERONCA 7CCM	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot and a passenger departed from a private airport in a tandem-seat, tailwheel-equipped airplane, destined for a public airport about 3 miles to the south. The pilot reported that he performed a "short field" landing to a full stop on runway 12 and then began a takeoff from the stopping point. The airplane veered to the right, the pilot applied corrective inputs, but the airplane exited the left side of the runway and ground looped. Both wings sustained substantial damage. The weather about the time of the accident included wind from 360 degrees at 6 knots. The pilot reported that there were no mechanical malfunctions and that he lost control due to a wind gust.

Flight Events

Takeoff - Loss of control on ground
Takeoff - Runway excursion

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's loss of directional control after an encounter with a wind gust during takeoff.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C
Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C
Environmental issues-Conditions/weather/phenomena-Wind-Gusts-Contributed to outcome

Pilot Information

Certificate:	Commercial; Private	Age:	31
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	350 hours (Total, all aircraft), 35 hours (Total, this make and model), 295 hours (Pilot In Command, all aircraft), 76 hours (Last 90 days, all aircraft), 52 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	AERONCA	Registration:	N4687E
Model/Series:	7CCM	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Continental
Air Carrier Operating Certificate:	None	Engine Model/Series:	C90
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	EUL, 2432 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:	6 knots, 360°
Temperature:	22° C / 0° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Caldwell, ID (ID00)	Destination:	Caldwell, ID (EUL)

Airport Information

Airport:	Caldwell Industrial (EUL)	Runway Surface Type:	Asphalt
Runway Used:	12	Runway Surface Condition:	Dry
Runway Length/Width:	5500 ft / 100 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):	Michael C Huhn	Adopted Date:	07/23/2013
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=86584		

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