



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Caldwell, ID	<b>Accident Number:</b>	WPR13CA179
<b>Date &amp; Time:</b>	04/02/2013, 1830 MDT	<b>Registration:</b>	N4687E
<b>Aircraft:</b>	AERONCA 7CCM	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## 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.

## Probable Cause and Findings

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

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<b>Aircraft</b>	Directional control - Not attained/maintained (Cause)
<b>Personnel issues</b>	Aircraft control - Pilot (Cause)
<b>Environmental issues</b>	Gusts - Contributed to outcome

## Factual Information

### History of Flight

Takeoff	Loss of control on ground (Defining event) Runway excursion
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### Pilot Information

Certificate:	Commercial; Private	Age:	31, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Without Waivers/Limitations	Last Medical Exam:	08/22/2012
Occupational Pilot:	No	Last Flight Review or Equivalent:	03/19/2013
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	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	7CCM-217
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	02/02/2013, Annual	Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3042 Hours	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	C90
Registered Owner:	On file	Rated Power:	90 hp
Operator:	On file	Air Carrier Operating Certificate:	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	EUL, 2432 ft msl	Observation Time:	1835 MST
Distance from Accident Site:	0 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	22° C / 0° C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	6 knots, 360°	Visibility (RVR):	
Altimeter Setting:	30.01 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Caldwell, ID (ID00)	Type of Flight Plan Filed:	Unknown
Destination:	Caldwell, ID (EUL)	Type of Clearance:	None
Departure Time:	1825 MST	Type of Airspace:	

## Airport Information

Airport:	Caldwell Industrial (EUL)	Runway Surface Type:	Asphalt
Airport Elevation:	2432 ft	Runway Surface Condition:	Dry
Runway Used:	12	IFR Approach:	None
Runway Length/Width:	5500 ft / 100 ft	VFR Approach/Landing:	Stop and Go

## 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		

## Administrative Information

Investigator In Charge (IIC):	Michael C Huhn	Adopted Date:	07/23/2013
Additional Participating Persons:	Russell Carlson; Federal Aviation Administration; Boise, ID		
Publish Date:	07/23/2013		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=86584">http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=86584</a>		

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