



# Aviation Investigation Final Report

<b>Location:</b>	Rexburg, Idaho	<b>Accident Number:</b>	WPR13CA200
<b>Date &amp; Time:</b>	April 18, 2013, 10:30 Local	<b>Registration:</b>	N741R
<b>Aircraft:</b>	AMERICAN LEGEND AIRCRAFT CO AL3	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that just before touchdown a gust of wind struck the airplane and lifted the right wing, which resulted in the left wheel contacting the runway. The airplane veered left, and the pilot initiated a go-around. However, the airplane did not gain enough altitude to clear the chain link fence on the left side of the runway. The landing gear struck the fence, and the airplane nosed over, substantially damaging the left wing. The pilot reported no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain airplane control during landing in gusting wind conditions, and the airplane's subsequent collision with a fence during the go-around attempt.

## Findings

<b>Aircraft</b>	(general) - Not attained/maintained
<b>Personnel issues</b>	Aircraft control - Pilot
<b>Environmental issues</b>	Gusts - Not specified
<b>Environmental issues</b>	Fence/fence post - Not specified



## Factual Information

### History of Flight

<b>Landing-flare/touchdown</b>	Loss of control on ground (Defining event)
<b>Landing-aborted after touchdown</b>	Collision with terr/obj (non-CFIT)

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	55, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 With waivers/limitations	<b>Last FAA Medical Exam:</b>	February 22, 2013
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	March 14, 2013
<b>Flight Time:</b>	110 hours (Total, all aircraft), 22 hours (Total, this make and model), 110 hours (Pilot In Command, all aircraft), 27 hours (Last 90 days, all aircraft), 22 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	AMERICAN LEGEND AIRCRAFT CO	<b>Registration:</b>	N741R
<b>Model/Series:</b>	AL3	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Special light-sport (Special)	<b>Serial Number:</b>	AL-1119
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	September 4, 2012 Condition	<b>Certified Max Gross Wt.:</b>	1320 lbs
<b>Time Since Last Inspection:</b>	107 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	294 Hrs at time of accident	<b>Engine Manufacturer:</b>	CONT MOTOR
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	O-200
<b>Registered Owner:</b>	741R LLC	<b>Rated Power:</b>	100 Horsepower
<b>Operator:</b>	Roy S. Webster	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	RXE,4862 ft msl	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	09:53 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.35 inches Hg	<b>Temperature/Dew Point:</b>	-1°C / -13°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Rexburg, ID (RXE )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Rexburg, ID (RXE )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	10:10 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	Rexburg-Madison County Airport RXE	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	4862 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	17	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	4200 ft / 75 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	43.83361,-111.803054(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Jones, Patrick
<b>Additional Participating Persons:</b>	Kent Gibbons; Federal Aviation Administration; Salt Lake City, UT
<b>Original Publish Date:</b>	August 13, 2013
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=86670">https://data.nts.gov/Docket?ProjectID=86670</a>

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