



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Colfax, WI	<b>Accident Number:</b>	CEN12CA596
<b>Date &amp; Time:</b>	09/01/2012, 0930 CDT	<b>Registration:</b>	N32JA
<b>Aircraft:</b>	ARVOLD JORDON R CH 750	<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		

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## Analysis

The airplane was landing on a grass strip toward the west. The pilot stated that the airplane touched down on the centerline of the runway and was slowing down when the airplane encountered a strong gust of wind from the right. The pilot was unable to correct for the gust of wind and the airplane impacted trees on the left side of the runway. Examination of the airplane revealed that the right wing spar was broken, and the left wing spar was bent. The pilot stated that there were no mechanical malfunctions or failures that would have precluded normal operation. The wind at the time of the accident was recorded as 090 degrees at 9 knots.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot did not maintain control of the airplane while landing with a gusty crosswind.

## Findings

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<b>Personnel issues</b>	Aircraft control - Pilot (Cause)
<b>Environmental issues</b>	Gusts - Effect on operation Crosswind - Effect on operation

## Factual Information

### History of Flight

Landing-landing roll	Windshear or thunderstorm Loss of control on ground (Defining event)
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### Pilot Information

Certificate:	Private	Age:	72, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Sport Pilot	Last Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	04/05/2011
Flight Time:	750 hours (Total, all aircraft), 75 hours (Total, this make and model), 90 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft), 23 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Manufacturer:	ARVOLD JORDON R	Registration:	N32JA
Model/Series:	CH 750	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental Light Sport	Serial Number:	75-7829
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	10/22/2011, Conditional	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	125 Hours	Engine Manufacturer:	JABIRU
ELT:	Installed, not activated	Engine Model/Series:	3300
Registered Owner:	On file	Rated Power:	120 hp
Operator:	On file	Air Carrier Operating Certificate:	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	KLUM, 895 ft msl	Observation Time:	0935 CDT
Distance from Accident Site:	10 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	225°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	21°C / 8°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	9 knots, 90°	Visibility (RVR):	
Altimeter Setting:	30.17 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Colfax, WI (43WI)	Type of Flight Plan Filed:	None
Destination:	Colfax, WI (43WI)	Type of Clearance:	None
Departure Time:	0830 CDT	Type of Airspace:	

## Airport Information

Airport:	Eagle Ridge Ultralight Flightp (43WI)	Runway Surface Type:	Grass/turf
Airport Elevation:	1067 ft	Runway Surface Condition:	Dry
Runway Used:	29	IFR Approach:	None
Runway Length/Width:	800 ft / 90 ft	VFR Approach/Landing:	Full Stop; Straight-in

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None		

## Administrative Information

Investigator In Charge (IIC):	Jennifer Rodi	Adopted Date:	12/11/2012
Additional Participating Persons:	Mark Palmateer; FAA Flight Standards District Office; WI		
Publish Date:	12/11/2012		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=84907">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=84907</a>		

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