



Aviation Investigation Final Report

Location:	Middleton, Wisconsin	Accident Number:	CEN14CA291
Date & Time:	June 5, 2014, 11:15 Local	Registration:	N752J
Aircraft:	JABIRU USA SPORT AIRCRAFT LLC J230-SP	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot stated he was taking off from a turf runway and he did not maintain directional control of the airplane on the soft runway surface. The airplane struck a runway edge marker, substantially damaging the airplane at the gear strut attachment point. The pilot reported there were no anomalies with the airplane prior to impact.

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 directional control during takeoff.

Findings

Environmental issues	Soft surface - Effect on operation
Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Sign/marker - Contributed to outcome

Factual Information

History of Flight

Takeoff	Loss of control on ground (Defining event)
Takeoff	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	73
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Sport pilot With waivers/limitations	Last FAA Medical Exam:	April 27, 2010
Occupational Pilot:	No	Last Flight Review or Equivalent:	September 16, 2012
Flight Time:	558 hours (Total, all aircraft), 156 hours (Total, this make and model), 382 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft), 13 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	JABIRU USA SPORT AIRCRAFT LLC	Registration:	N752J
Model/Series:	J230-SP NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	2012	Amateur Built:	
Airworthiness Certificate:	Normal; Special light-sport (Special)	Serial Number:	804
Landing Gear Type:	Tricycle	Seats:	
Date/Type of Last Inspection:	Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:	75 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	216 Hrs at time of accident	Engine Manufacturer:	JABIRU
ELT:	Installed, not activated	Engine Model/Series:	3300A
Registered Owner:	READ WILLIAM CHARLES	Rated Power:	0 Horsepower
Operator:	READ WILLIAM CHARLES	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	C29	Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Scattered	Visibility	
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	170°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Middleton, WI (C29)	Type of Flight Plan Filed:	None
Destination:	MADISON, WI (MSN)	Type of Clearance:	None
Departure Time:	11:15 Local	Type of Airspace:	Class E

Airport Information

Airport:	MIDDLETON MUNI - MOREY FIELD C29	Runway Surface Type:	Grass/turf
Airport Elevation:	928 ft msl	Runway Surface Condition:	Dry;Rough;Vegetation
Runway Used:	19	IFR Approach:	None
Runway Length/Width:	2000 ft / 120 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	43.113609,-89.532775(est)

Administrative Information

Investigator In Charge (IIC):	Baker, Daniel
Additional Participating Persons:	
Original Publish Date:	October 20, 2014
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=89446

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