



Aviation Investigation Final Report

Location:	Springdale, Arkansas	Accident Number:	GAA18CA327
Date & Time:	June 6, 2018, 09:48 Local	Registration:	N748J
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 solo student pilot reported that, during takeoff, the airplane started to veer left. He attempted to recover with right rudder input, but the airplane continued to veer left, departed the runway, and then came to rest in a ditch against the perimeter fence.

The airplane sustained substantial damage to the left lift strut.

The student pilot reported that there were no preaccident mechanical failures or malfunctions 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 student pilot's failure to maintain directional control during takeoff.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Student/instructed pilot

Factual Information

History of Flight

Takeoff	Loss of control on ground (Defining event)
Takeoff	Attempted remediation/recovery
Takeoff	Runway excursion

Student pilot Information

Certificate:	Student	Age:	54
Airplane Rating(s):	None	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:	None	Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	June 4, 2018
Flight Time:	(Estimated) 30 hours (Total, all aircraft), 22 hours (Total, this make and model), 1 hours (Pilot In Command, all aircraft), 19 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	JABIRU USA SPORT AIRCRAFT LLC	Registration:	N748J
Model/Series:	J230-SP NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	2011	Amateur Built:	
Airworthiness Certificate:	Special light-sport (Special)	Serial Number:	727
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	March 1, 2018 Annual	Certified Max Gross Wt.:	1320 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	316.6 Hrs as of last inspection	Engine Manufacturer:	Jabiru
ELT:	C126 installed, not activated	Engine Model/Series:	3300
Registered Owner:		Rated Power:	110 Horsepower
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KASG,1353 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	14:48 Local	Direction from Accident Site:	150°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.98 inches Hg	Temperature/Dew Point:	27°C / 20°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	SPRINGDALE, AR (ASG)	Type of Flight Plan Filed:	VFR
Destination:	OZARK, AR (7M5)	Type of Clearance:	VFR flight following
Departure Time:		Type of Airspace:	Class D

Airport Information

Airport:	SPRINGDALE MUNI ASG	Runway Surface Type:	Asphalt
Airport Elevation:	1352 ft msl	Runway Surface Condition:	Dry
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	5302 ft / 76 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:	36.174167,-94.122222(est)

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Nathan Bradshaw; FAA; Little Rock, AR
Original Publish Date:	March 18, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=97416

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).