



Aviation Investigation Final Report

Location:	Ozark, Arkansas	Accident Number:	CEN20CA391
Date & Time:	September 11, 2020, 14:00 Local	Registration:	N81BH
Aircraft:	Champion 8GCBC	Aircraft Damage:	Substantial
Defining Event:	Collision with terr/obj (non-CFIT)	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, during the turn from base to final, the left wing struck a wire and the airplane rotated and hit the ground. The airplane's wings and fuselage were substantially damaged. The pilot reported that there were no preimpact mechanical malfunctions or failures with the airplane or engine that would have precluded normal operation. He also stated that he should have maintained clearance from the obstructions.

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 clearance from a wire during final approach to landing.

Findings

Personnel issues	Incorrect action performance - Pilot
Aircraft	Altitude - Not attained/maintained
Environmental issues	Wire - Effect on operation

Factual Information

History of Flight

Approach-VFR pattern final	Collision with terr/obj (non-CFIT) (Defining event)
Uncontrolled descent	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	59, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Unknown
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	December 11, 2019
Occupational Pilot:	No	Last Flight Review or Equivalent:	August 2, 2020
Flight Time:	2271.2 hours (Total, all aircraft), 235 hours (Total, this make and model), 2184.6 hours (Pilot In Command, all aircraft), 26.7 hours (Last 90 days, all aircraft), 15.1 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Champion	Registration:	N81BH
Model/Series:	8GCBC No Series	Aircraft Category:	Airplane
Year of Manufacture:	2011	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	542-2011
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	December 1, 2019 Annual	Certified Max Gross Wt.:	2150 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	425 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	C126 installed, activated, did not aid in locating accident	Engine Model/Series:	O-360-G1G
Registered Owner:	On file	Rated Power:	180 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KFYV, 1251 ft msl	Distance from Accident Site:	29 Nautical Miles
Observation Time:	13:53 Local	Direction from Accident Site:	313°
Lowest Cloud Condition:		Visibility	10 miles
Lowest Ceiling:	Broken / 1700 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.15 inches Hg	Temperature/Dew Point:	24°C / 19°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Ozark, AR (51AR)	Type of Flight Plan Filed:	None
Destination:	Ozark, AR (51AR)	Type of Clearance:	None
Departure Time:	13:45 Local	Type of Airspace:	Class G

Airport Information

Airport:	Byrd'S Backcountry Airstrip 51AR	Runway Surface Type:	Grass/turf
Airport Elevation:	800 ft msl	Runway Surface Condition:	Dry
Runway Used:	20	IFR Approach:	None
Runway Length/Width:	900 ft / 50 ft	VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	35.677501,-93.732223(est)

Administrative Information

Investigator In Charge (IIC):	Lindberg, Joshua
Additional Participating Persons:	Nathan Bradshaw; Federal Aviation Administration; Little Rock, AR
Original Publish Date:	August 20, 2021
Last Revision Date:	
Investigation Class:	Class 4
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=101962

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