



Aviation Investigation Final Report

Location:	Nampa, Idaho	Accident Number:	WPR20CA043
Date & Time:	December 16, 2019, 12:30 Local	Registration:	N719JS
Aircraft:	JOHN Sample BEARHAWK	Aircraft Damage:	Substantial
Defining Event:	Collision during takeoff/land	Injuries:	3 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot, after an uneventful flight, he verified the current weather conditions about 10 miles from the airport and subsequently entered the airport traffic pattern, at which point he chose to land on a grassy area between the runway and taxiway. The airplane touched down normally, but during the landing roll, the pilot saw an obstacle in the middle of the grassy area. The pilot was unable to react before the right main landing gear impacted a knoll, and the airplane ground looped. The right main landing gear collapsed, and the right wing sustained substantial damage. The pilot reported that there were no preaccident 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 selection of unsuitable terrain for landing, which resulted in impact with a knoll and a subsequent ground-loop.

Findings

Personnel issues	Decision making/judgment - Pilot
Aircraft	Directional control - Not attained/maintained
Environmental issues	(general) - Effect on operation

Factual Information

History of Flight

Landing-landing roll	Collision during takeoff/land (Defining event)
Landing-landing roll	Loss of control on ground
Landing-landing roll	Landing gear collapse

Pilot Information

Certificate:	Private	Age:	37, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Without waivers/limitations	Last FAA Medical Exam:	August 12, 2019
Occupational Pilot:	No	Last Flight Review or Equivalent:	August 1, 2019
Flight Time:	583 hours (Total, all aircraft), 39 hours (Total, this make and model), 504.6 hours (Pilot In Command, all aircraft), 4.9 hours (Last 90 days, all aircraft), 2.9 hours (Last 30 days, all aircraft), 1.6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	JOHN Sample	Registration:	N719JS
Model/Series:	BEARHAWK No Series	Aircraft Category:	Airplane
Year of Manufacture:	2008	Amateur Built:	
Airworthiness Certificate:	Normal; Experimental (Special)	Serial Number:	050-91/92-796
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	February 16, 2018 Annual	Certified Max Gross Wt.:	2600 lbs
Time Since Last Inspection:	34 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	678.1 Hrs as of last inspection	Engine Manufacturer:	Lycoming Engines
ELT:	C126 installed, not activated	Engine Model/Series:	O-54-B485
Registered Owner:	On file	Rated Power:	260 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:	2537 ft msl	Distance from Accident Site:	
Observation Time:	12:35 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	20°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.5 inches Hg	Temperature/Dew Point:	1°C / -3°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Nampa, ID (MAN)	Type of Flight Plan Filed:	None
Destination:	Nampa, ID (MAN)	Type of Clearance:	None
Departure Time:	11:20 Local	Type of Airspace:	Class D

Airport Information

Airport:	Nampa Muni MAN	Runway Surface Type:	Grass/turf
Airport Elevation:	2537 ft msl	Runway Surface Condition:	Dry;Rough;Vegetation
Runway Used:		IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	43.580001,-116.519996(est)

Administrative Information

Investigator In Charge (IIC):	Stein, Stephen
Additional Participating Persons:	Bryan Fisher; Federal Aviation Administration; Boise, ID
Original Publish Date:	June 16, 2020
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=100695

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