



# Aviation Investigation Preliminary Report

<b>Location:</b>	Ava, MO	<b>Accident Number:</b>	CEN23LA399
<b>Date &amp; Time:</b>	September 1, 2023, 15:00 Local	<b>Registration:</b>	N9522Y
<b>Aircraft:</b>	Beech 35-B33	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

On September 1, 2023, about 1500 central daylight time, a Beech 35-B33 airplane, N9522Y, sustained substantial damage when it was involved in an accident near Ava, Missouri. The pilot and the passenger sustained no injury. The airplane was operated as a Title 14 Code of Federal Regulations Part 91 personal flight.

The airplane departed from the Floyd W. Jones Lebanon Airport (LBO), Lebanon, Missouri, about 1230, for the local area flight. The purpose of the flight was for the pilot, who is also the mechanic, to become familiar with the airplane, as the owner was preparing to sell the airplane. The pilot was helping the owner sell the airplane. While enroute, and about 1 mile south of Ava, Missouri, the engine sustained a loss of oil pressure and a total loss of engine power occurred. During the loss of engine power, engine oil covered the cowling, the windscreen, and the lower fuselage. The pilot performed a forced landing to a grass field and during the landing, the nose gear collapsed. The airplane came to rest upright, but with a nose down attitude. The pilot and the passenger were able to egress from the airplane without further incident.

The airplane sustained substantial damage to the lower fuselage and the engine mount. A hole was found in the engine case. The airplane is pending recovering from the field for a future examination.

The airplane was equipped with a Continental Motors IO-470-K reciprocating engine and a Hartzell Propeller aluminum 3-blade controllable pitch propeller. According to the pilot, the airplane had an annual inspection performed on August 1, 2023, and up until the accident, the airplane had a “smooth running engine.”

The estimated density altitude for the closest meteorological observation facility was 2,995 ft.

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Beech	<b>Registration:</b>	N9522Y
<b>Model/Series:</b>	35-B33	<b>Aircraft Category:</b>	Airplane
<b>Amateur Built:</b>			
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Designator Code:</b>	None		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	VMC	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KBBG,1303 ft msl	<b>Observation Time:</b>	14:45 Local
<b>Distance from Accident Site:</b>	36 Nautical Miles	<b>Temperature/Dew Point:</b>	28°C /9°C
<b>Lowest Cloud Condition:</b>	Clear	<b>Wind Speed/Gusts, Direction:</b>	/ ,
<b>Lowest Ceiling:</b>	None	<b>Visibility:</b>	10 miles
<b>Altimeter Setting:</b>	30.14 inches Hg	<b>Type of Flight Plan Filed:</b>	None
<b>Departure Point:</b>	Lebanon, MO (LBO)	<b>Destination:</b>	Ava, MO

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	36.938055,-92.655167 (est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Hodges, Michael
<b>Additional Participating Persons:</b>	Thomas Davis; FAA Kansas City FSDO; Kansas City, MO
<b>Note:</b>	The NTSB did not travel to the scene of this accident.