



# Aviation Investigation Preliminary Report

<b>Location:</b>	DeRidder, LA	<b>Accident Number:</b>	CEN24LA100
<b>Date &amp; Time:</b>	January 26, 2024, 17:55 Local	<b>Registration:</b>	N811CW
<b>Aircraft:</b>	Beechcraft BE58	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

On January 26, 2024, about 1755 central standard time, a Beechcraft BE58, N811CW, was substantially damaged when it was involved in an accident near DeRidder, Louisiana. The pilot and passenger were not injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

The pilot reported that the airplane was in cruise flight at 11,000 ft mean sea level (msl), near DeRidder, Louisiana, when he asked for and received a new heading from Air Traffic Control (ATC) to avoid weather ahead. While on the new heading the airplane entered instrument conditions and a short time later experienced a strong updraft, heavy rain, hail, and severe turbulence. During the encounter with weather, the airplane suffered substantial damage from hail to the leading edges of both wings, the vertical, and horizontal stabilizers. The pilot diverted to Chennault International Airport (KCWF), Lake Charles, Louisiana, and landed without further incident.



Figure 1. Leading edge damage to right wing (provided by FAA)

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Beechcraft	<b>Registration:</b>	N811CW
<b>Model/Series:</b>	BE58	<b>Aircraft Category:</b>	Airplane
<b>Amateur Built:</b>			
<b>Operator:</b>	J&H Aviation LLC	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Designator Code:</b>			

### Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	IMC	<b>Condition of Light:</b>	Night
<b>Observation Facility, Elevation:</b>	KDRI, 207 ft msl	<b>Observation Time:</b>	17:55 Local
<b>Distance from Accident Site:</b>	18 Nautical Miles	<b>Temperature/Dew Point:</b>	17°C / 17°C
<b>Lowest Cloud Condition:</b>		<b>Wind Speed/Gusts, Direction:</b>	8 knots / , 70°
<b>Lowest Ceiling:</b>	Broken / 400 ft AGL	<b>Visibility:</b>	9 miles
<b>Altimeter Setting:</b>	29.95 inches Hg	<b>Type of Flight Plan Filed:</b>	IFR
<b>Departure Point:</b>	Abilene, TX (KABI)	<b>Destination:</b>	Abbeville, LA (KIYA)

## 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>		<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	30.215164,-93.151194

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Miller, Bradley
<b>Additional Participating Persons:</b>	Mark Lazard; FAA; Baton Rouge, LA
<b>Investigation Class:</b>	<a href="#">Class 3</a>
<b>Note:</b>	The NTSB did not travel to the scene of this accident.