



# Aviation Investigation Preliminary Report

<b>Location:</b>	Alpine, AR	<b>Accident Number:</b>	CEN24LA145
<b>Date &amp; Time:</b>	April 2, 2024, 10:56 Local	<b>Registration:</b>	N86UM
<b>Aircraft:</b>	Mooney M20E	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

On April 2, 2024, about 1056 central daylight time, a Mooney M20E airplane, N86UM, sustained substantial damage when it was involved in an accident near Alpine, Arkansas. The pilot was not injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

According to the pilot, while in cruise flight in a gradual descent, the airplane’s two carbon monoxide (CO) detectors began alerting, and he felt symptoms of CO poisoning. The pilot closed the cabin vents, opened a small cockpit window, and attempted to open the door, but was unsuccessful. The pilot decided to not continue the flight to the nearest airport; he shut down the engine and perform a forced landing to a field. During the forced landing, the airplane impacted unsuitable terrain and sustained substantial damage to the forward fuselage.

The airplane was retained for further examination.

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Mooney	<b>Registration:</b>	N86UM
<b>Model/Series:</b>	M20E	<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>			

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	VMC	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KHOT,505 ft msl	<b>Observation Time:</b>	10:53 Local
<b>Distance from Accident Site:</b>	19 Nautical Miles	<b>Temperature/Dew Point:</b>	23°C /12°C
<b>Lowest Cloud Condition:</b>	Few / 3700 ft AGL	<b>Wind Speed/Gusts, Direction:</b>	10 knots / 18 knots, 280°
<b>Lowest Ceiling:</b>		<b>Visibility:</b>	10 miles
<b>Altimeter Setting:</b>	29.67 inches Hg	<b>Type of Flight Plan Filed:</b>	VFR
<b>Departure Point:</b>	Heber Springs, AR (HBZ)	<b>Destination:</b>	Tyler, TX

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>		<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	34.240469,-93.364395 (est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Sauer, Aaron
<b>Additional Participating Persons:</b>	Paul J. Centinaro; FAA; Little Rock, AR
<b>Investigation Class:</b>	<a href="#">Class 3</a>
<b>Note:</b>	The NTSB did not travel to the scene of this accident.