



# Aviation Investigation Preliminary Report

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<b>Location:</b>	Morgan, UT	<b>Accident Number:</b>	WPR23LA149
<b>Date &amp; Time:</b>	April 8, 2023, 19:37 Local	<b>Registration:</b>	N17NK
<b>Aircraft:</b>	Vans RV7	<b>Injuries:</b>	N/A
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

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On April 8, 2023, about 1937 mountain daylight time, a Van’s RV-7, N17NK, was substantially damaged when it was involved in an accident near Morgan, Utah. The pilot was not injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

The pilot reported that he had performed a conditional inspection on the engine which revealed particles in the engine oil screen. After he consulted a mechanic, the pilot decided to continue flying and monitor the engine.

On the day of the accident the pilot decided to perform a short local flight. About 15 minutes into the flight, he noticed a burning odor when the heater was activated. He then experienced a vibration as he attempted to return to the departure airport. Approximately one minute later, the pilot encountered a sudden shudder, then observed oil covering the windshield. The engine subsequently lost power.

The pilot broadcasted over the radio that he was making a forced landing near Morgan County Airport and landed south of the field. The pilot had no forward visibility due to the oil film obstructing the windscreen. The airplane landed in a field, flipped over, and came to rest inverted after the main landing gear contacted snow.

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Vans	<b>Registration:</b>	N17NK
<b>Model/Series:</b>	RV7	<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>	
<b>Observation Facility, Elevation:</b>	KSLC,4227 ft msl	<b>Observation Time:</b>	19:54 Local
<b>Distance from Accident Site:</b>	19 Nautical Miles	<b>Temperature/Dew Point:</b>	14°C /3°C
<b>Lowest Cloud Condition:</b>	Few / 10000 ft AGL	<b>Wind Speed/Gusts, Direction:</b>	5 knots / , 350°
<b>Lowest Ceiling:</b>		<b>Visibility:</b>	10 miles
<b>Altimeter Setting:</b>	30.08 inches Hg	<b>Type of Flight Plan Filed:</b>	None
<b>Departure Point:</b>	(BTF)	<b>Destination:</b>	(BTF)

## Wreckage and Impact Information

<b>Crew Injuries:</b>	N/A	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	N/A	<b>Latitude, Longitude:</b>	41.008125,-111.68074 (est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Basti, Paymaun
<b>Additional Participating Persons:</b>	James Hill; FAA; Salt Lake City, UT
<b>Investigation Class:</b>	<a href="#">Class 3</a>
<b>Note:</b>	The NTSB did not travel to the scene of this accident.