



Aviation Investigation Preliminary Report

Location:	Centerville, UT	Accident Number:	WPR24FA010
Date & Time:	October 10, 2023, 11:23 Local	Registration:	N75RT
Aircraft:	ROBERT L THURMOND RV8	Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General aviation - Personal		

On October 10, 2023, about 1130 mountain daylight time, a Van's RV-8, N75RT, was substantially damaged when it was involved in an accident near Centerville, Utah. The pilot was fatally injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

According to Automatic Dependent Surveillance - Broadcast (ADS-B) radar data, the pilot made a left turn to the north shortly after departing runway 17 at Skypark Airport (BTF), Bountiful, Utah. According to air traffic communication records, the pilot requested and was denied flight following services from air traffic controllers as he flew north at 5,500 ft mean sea level (msl).

According to witnesses that were operating in the airspace and monitoring the Common Traffic Advisory Frequency at BTF, the pilot transmitted that the airplane's oil pressure had dropped to 3 psi. The pilot made a 180° turn back toward BTF and transmitted over the CTAF that he had experienced an engine failure just northwest of the Centerville highway interchange. Witnesses observed the airplane stall about 150 ft agl, and impact terrain.

The airplane impacted terrain 4 miles to the north of BTF. Impact signatures were consistent with the airplane impacting the ground in a nose down, left wing low profile.

Postaccident examination of the wreckage confirmed flight control continuity to all empennage control surfaces. Flight control continuity of the wing control surfaces could not be confirmed on scene. The propeller blades were straight and did not exhibit chordwise scratches or leading-edge gouges. The engine case was not breached, and all accessories were present and attached to the accessory case. The propeller could not be rotated while attached to the engine and subsequent examination of the engine revealed damage to the No. 2 cylinder piston rod bearings. The wreckage was recovered to a secure facility for additional examination.

Aircraft and Owner/Operator Information

Aircraft Make:	ROBERT L THURMOND	Registration:	N75RT
Model/Series:	RV8	Aircraft Category:	Airplane
Amateur Built:	Yes		
Operator:	CODY BOSEMAN	Operating Certificate(s) Held:	None
Operator Designator Code:			

Meteorological Information and Flight Plan

Conditions at Accident Site:	VMC	Condition of Light:	Day
Observation Facility, Elevation:	KHIF,4789 ft msl	Observation Time:	10:55 Local
Distance from Accident Site:	11 Nautical Miles	Temperature/Dew Point:	18°C /3°C
Lowest Cloud Condition:	Clear	Wind Speed/Gusts, Direction:	10 knots / None, 110°
Lowest Ceiling:	None	Visibility:	10 miles
Altimeter Setting:	29.74 inches Hg	Type of Flight Plan Filed:	NONE
Departure Point:	Bountiful, UT (BTF)	Destination:	Bountiful, UT (BTF)

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 Fatal	Latitude, Longitude:	40.938558,-111.89414 (est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Michael
Additional Participating Persons:	James Hill; FAA; Salt Lake City, UT
Investigation Class:	Class 3
Note:	