



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Rosamond, CA	Accident Number:	WPR16LA047
Date & Time:	01/02/2016, 1430 PST	Registration:	N133SV
Aircraft:	KEVIN METZLER Velocity STD RG	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

On January 2, 2016, about 1430 Pacific standard time, a Kevin Metzler Velocity STD RG experimental amateur-built airplane, N133SV, was substantially damaged following a loss of engine power and forced landing about 1 mile northwest of the Rosamond Skypark Airport (LOO), Rosamond, California. The private pilot, who was also the owner of the airplane and its sole occupant, was not injured. Visual meteorological conditions prevailed for the local flight, which was being operated in accordance with 14 Code of Federal Regulations Part 91, and a flight plan was not filed. The local flight departed LOO about 5 minutes prior to the accident.

In a telephone conversation with the National Transportation Safety Board investigator-in-charge, the pilot reported that he departed LOO to the west, and about 10 miles from the airport "the engine hesitated, corrected itself, then hesitated again." The pilot stated that he then proceeded back toward the departure airport, however, about 5 miles from the runway the engine lost power. The pilot subsequently made an off-airport forced landing, which resulted in substantial damage to the airplane.

The airplane was recovered to a secured location for further examination.

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	KEVIN METZLER	Registration:	N133SV
Model/Series:	Velocity STD RG	Aircraft Category:	Airplane
Amateur Built:	Yes		
Operator:	Kevin W Metzler	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	WJF, 2351 ft msl	Observation Time:	1455 PST
Lowest Cloud Condition:	Clear	Conditions at Accident Site:	Visual Conditions
Lowest Ceiling:	None	Temperature/Dew Point:	11°C / -11°C
Wind Speed/Gusts, Direction:	8 knots, 60°	Visibility	10 Miles
Altimeter Setting:	30.11 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Rosamond, CA (L00)	Destination:	Rosamond, CA (L00)

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None		

Administrative Information

Investigator In Charge (IIC):	Thomas Little
Additional Participating Persons:	Anthony Miller; Federal Aviation Administration; Van Nuys, CA
Note:	The NTSB did not travel to the scene of this accident.