



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Salem, OR	Accident Number:	WPR16LA049
Date & Time:	01/02/2016, 1530 PST	Registration:	N958RV
Aircraft:	Kai Engstad RV-8A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

On January 2, 2016, about 1530 Pacific standard time, an experimental amateur-built Kai Engstad RV-8A airplane, N958RV, was substantially damaged following a loss of engine power and subsequent forced landing at McNary Field (SLE), Salem, Oregon. The pilot, who was also the owner/builder of the airplane, was not injured. Visual meteorological conditions prevailed for the local flight, which was operated in accordance with 14 Code of Federal Regulations (CFR) Part 91, and a flight plan was not filed. The flight had departed SLE about 1500.

In a telephone conversation with the National Transportation Safety Board investigator-in-charge, the pilot reported that while turning from base leg to final approach, the engine surged, which was followed by a partial loss of engine power. The pilot stated that subsequent to the power loss, and knowing that he would not be able to make the runway, he set up and landed about 50 yards short of the runway. During the landing roll the nose landing gear collapsed. A postaccident examination of the airplane by a Federal Aviation Administration aviation safety inspector revealed that the airplane's firewall was substantially damaged.

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

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Kai Engstad	Registration:	N958RV
Model/Series:	RV-8A	Aircraft Category:	Airplane
Amateur Built:	Yes		
Operator:	Kai Engstad	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	SLE, 214 ft msl	Observation Time:	1530 PST
Lowest Cloud Condition:	Clear	Conditions at Accident Site:	Visual Conditions
Lowest Ceiling:	None	Temperature/Dew Point:	6° C / -4° C
Wind Speed/Gusts, Direction:	12 knots, 10°	Visibility	10 Miles
Altimeter Setting:	30.43 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Salem, OR (SLE)	Destination:	Salem, OR (SLE)

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:	James Holden; Federal Aviation Administration; Hillsboro, OR
Note:	The NTSB did not travel to the scene of this accident.