



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Marysville, WA	Accident Number:	WPR19FA219
Date & Time:	08/14/2019, 1854 PDT	Registration:	N525SG
Aircraft:	CAPES MURPHY MOOSE	Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

On August 14, 2019, about 1854 Pacific daylight time, an amateur built Murphy Moose, N525SG, impacted terrain about one mile south of the Arlington Municipal Airport (AWO), Arlington, Washington. The private pilot was fatally injured, and the airplane sustained substantial damage throughout. The airplane was registered to and operated by the pilot as a 14 *Code of Federal Regulations* Part 91 personal flight. Visual meteorological conditions prevailed, and no flight plan was filed. The flight originated from the Frontier Airpark (WN53), Lake Stevens, Washington at about 1845.

Witnesses reported that they observed the airplane flying unusually low; it sounded like the engine was "misfiring" or "revving." The airplane banked sharply over a field; witnesses described the turn as "out of control" and "at a dangerous speed." One witness stated that the airplane appeared to be in a nosedive, during which, it sounded like the pilot added full power. Shortly thereafter, she saw a cloud of dust.

The airplane has been recovered to a secure location for further examination.

Aircraft and Owner/Operator Information

Aircraft Make:	CAPES	Registration:	N525SG
Model/Series:	MURPHY MOOSE	Aircraft Category:	Airplane
Amateur Built:	Yes		
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	AWO, 142 ft msl	Observation Time:	1856 PDT
Distance from Accident Site:	1 Nautical Miles	Temperature/Dew Point:	24° C / 14° C
Lowest Cloud Condition:	Clear	Wind Speed/Gusts, Direction:	11 knots / , 310°
Lowest Ceiling:	None	Visibility:	10 Miles
Altimeter Setting:	30.14 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Lake Stevens, WA (WN53)	Destination:	

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal	Latitude, Longitude:	48.139722, -122.157500 (est)

Administrative Information

Investigator In Charge (IIC):	Samantha A Link
Additional Participating Persons:	Mark S Brock; Federal Aviation Administration; Des Moines, WA
Note:	The NTSB traveled to the scene of this accident.