



National Transportation Safety Board Aviation Accident Data Summary

Location:	Grass Valley, OR	Accident Number:	GAA18CA569
Date & Time:	09/15/2018, 1800 PDT	Registration:	N760AC
Aircraft:	Maule M7	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot of the tailwheel-equipped airplane reported that, during the second approach to the unimproved canyon airstrip in moderate turbulence, he felt that the groundspeed was faster than normal and that there was a tailwind, but he reduced power to idle and landed the airplane. About 300 ft into the ground roll, at 35 mph, the airplane veered left. He applied right rudder and moderate braking, but the airplane exited the airstrip to the left, and its left main landing gear struck a pile of rocks that were painted white and used to mark the edge of the runway. The left main landing gear separated from the airplane.

The airplane sustained substantial damage to the fuselage, left wing, and left aileron.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

An automated weather observation system about 16 nautical miles from the accident site reported that, about the time of the accident, the wind was from 290° at 13 knots, gusting to 16 knots. The pilot was landing to the south.

Flight Events

- Landing - Other weather encounter
- Landing - Loss of control on ground
- Landing - Attempted remediation/recovery
- Landing - Runway excursion
- Landing - Collision with terr/obj (non-CFIT)
- Landing - Part(s) separation from AC

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's failure to maintain directional control during the landing roll.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Environmental issues-Conditions/weather/phenomena-Wind-Tailwind-Effect on operation

Environmental issues-Conditions/weather/phenomena-Wind-Gusts-Effect on operation

Pilot Information

Certificate:	Private	Age:	45
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	(Estimated) 1315 hours (Total, all aircraft), 1120 hours (Total, this make and model), 1315 hours (Pilot In Command, all aircraft), 59 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Maule	Registration:	N760AC
Model/Series:	M7 260C	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-540
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KDLS, 210 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	13 knots / 16 knots, 290°
Temperature:	19° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Hood River, OR (4S2)	Destination:	Grass Valley, OR

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
Latitude, Longitude:	45.450000, -120.863611 (est)		

Administrative Information

Investigator In Charge (IIC):	Eric A Swenson	Adopted Date:	03/18/2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=98360		

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