



Aviation Investigation Final Report

Location:	Lewiston, Idaho	Accident Number:	GAA18CA311
Date & Time:	May 27, 2018, 18:30 Local	Registration:	N5634Y
Aircraft:	Maule M5	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of the tailwheel-equipped airplane reported that he was aligned with the right edge of the 80-ft-wide private, grass airstrip during short final. The pilot slipped the airplane to the left, but the right main landing gear contacted the tall wheat field that bordered the runway, and the airplane began to veer right. He added that the airplane continued to the right and subsequently nosed over.

The airplane sustained substantial damage to the right lift strut.

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

The pilot indicated that he should have initiated an immediate go-around procedure once he realized the approach was not normal.

Probable Cause and Findings

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

The pilot's failure to maintain the runway centerline and his subsequent decision to not perform a go-around, which resulted in the main landing gear contacting tall wheat and a subsequent loss of control.

Findings

Aircraft	Heading/course - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Personnel issues	Decision making/judgment - Pilot
Environmental issues	(general) - Contributed to outcome

Factual Information

History of Flight

Landing	Miscellaneous/other
Landing	Loss of control in flight (Defining event)
Landing	Nose over/nose down

Pilot Information

Certificate:	Private	Age:	78, Male
Airplane Rating(s):	Single-engine land; Single-engine sea	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	BasicMed With waivers/limitations	Last FAA Medical Exam:	August 2, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	June 2, 2017
Flight Time:	(Estimated) 2000 hours (Total, all aircraft), 700 hours (Total, this make and model), 1975 hours (Pilot In Command, all aircraft), 5 hours (Last 90 days, all aircraft), 3.5 hours (Last 30 days, all aircraft), 0.5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Maule	Registration:	N5634Y
Model/Series:	M5 235C	Aircraft Category:	Airplane
Year of Manufacture:	1979	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	7290C
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	May 17, 2017 Annual	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:	749 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	at time of accident	Engine Manufacturer:	Lycoming
ELT:	C91 installed, not activated	Engine Model/Series:	O-540-J1A5D
Registered Owner:	On file	Rated Power:	235 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KLWS,1436 ft msl	Distance from Accident Site:	4 Nautical Miles
Observation Time:	01:56 Local	Direction from Accident Site:	332°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	330°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.02 inches Hg	Temperature/Dew Point:	25°C / 7°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Lewiston, ID (PVT)	Type of Flight Plan Filed:	None
Destination:	Lewiston, ID (PVT)	Type of Clearance:	None
Departure Time:	18:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	PVT PVT	Runway Surface Type:	Grass/turf
Airport Elevation:	2150 ft msl	Runway Surface Condition:	Dry
Runway Used:	W	IFR Approach:	None
Runway Length/Width:	2000 ft / 80 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	46.309444,-116.964447(est)

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Kevin Marsac; FAA; Spokane, WA
Original Publish Date:	November 5, 2018
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=97365

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