



Aviation Investigation Final Report

Location:	Wasilla, Alaska	Accident Number:	GAA16CA142
Date & Time:	March 1, 2016, 11:45 Local	Registration:	N12BE
Aircraft:	Maule M5	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

The student pilot and his flight instructor conducted 6 takeoffs and landings in the tailwheel-equipped airplane. The student pilot then took off solo, flew in the traffic pattern, and during the landing he reported that as soon as my wheels hit the pavement it jerked hard to the right. The student pilot attempted to "straighten it out" but he reported that the airplane was going too fast so he applied power and attempted to take off. He then stated that the airplane "jumped me to the right of the runway," the airplane departed the runway to the right, the propeller impacted terrain, and the main landing gear collapsed under the fuselage. The airplane sustained substantial damage to the two right wing lift struts.

The student pilot verified that there were no preimpact mechanical failures or malfunctions with the airframe or engine that would have precluded normal operation.

As a safety recommendation, the student pilot stated "more practice" and "land on gravel."

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's failure to maintain directional control during the landing, which resulted in a runway excursion, and an impact with terrain.

Findings

Personnel issues	Aircraft control - Student/instructed pilot
Aircraft	Directional control - Not attained/maintained

Factual Information

History of Flight

Landing-flare/touchdown	Abnormal runway contact
Landing-flare/touchdown	Attempted remediation/recovery
Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Runway excursion
Landing-landing roll	Collision with terr/obj (non-CFIT)

Student pilot Information

Certificate:	Student	Age:	21, Male
Airplane Rating(s):	None	Seat Occupied:	Left
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:	Class 3	Last FAA Medical Exam:	February 19, 2016
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 22.2 hours (Total, all aircraft), 22.2 hours (Total, this make and model), 0.8 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Maule	Registration:	N12BE
Model/Series:	M5 235C	Aircraft Category:	Airplane
Year of Manufacture:	1977	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	7082C
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	AAIP	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Lycoming
ELT:		Engine Model/Series:	O-540 Series
Registered Owner:	On file	Rated Power:	
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:	PAWS,354 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	19:36 Local	Direction from Accident Site:	305°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	80°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	29.86 inches Hg	Temperature/Dew Point:	2°C / -10°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Wasilla, AK (IYS)	Type of Flight Plan Filed:	None
Destination:	Wasilla, AK (IYS)	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class G

Airport Information

Airport:	WASILLA IYS	Runway Surface Type:	Asphalt
Airport Elevation:	353 ft msl	Runway Surface Condition:	Dry
Runway Used:	04	IFR Approach:	None
Runway Length/Width:	3700 ft / 75 ft	VFR Approach/Landing:	Stop and go;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	61.571666,-149.539993(est)

Administrative Information

Investigator In Charge (IIC):	Hodges, Michael
Additional Participating Persons:	Robert Young; FAA Anchorage FSDO; Wasilla, AK
Original Publish Date:	May 3, 2016
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=92792

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