



National Transportation Safety Board Aviation Accident Final Report

Location:	Fairbanks, AK	Accident Number:	GAA19CA305
Date & Time:	05/30/2019, 1900 AKD	Registration:	N9833M
Aircraft:	Maule M4	Aircraft Damage:	Substantial
Defining Event:	Abnormal runway contact	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot of the tailwheel-equipped airplane reported that, during landing on a gravel runway, he noticed that the airplane "floated slightly off of the center of the runway to the west." The airplane touched down with the left wheel off the runway in some vegetation, and the airplane nosed over.

Postaccident examination revealed that there were alder branches wrapped around the left main landing gear and that the landing gear was locked up. The pilot said he removed the branches, and the landing gear moved "fine."

The airplane sustained substantial damage to the right wing lift strut and empennage.

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

The pilot reported that the wind was from 090° and light and variable. The pilot landed the airplane on runway 33.

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 during landing, which resulted in the airplane landing with the left wheel off the runway, an impact with trees, and a nose-over.

Findings

Aircraft	Heading/course - Not attained/maintained (Cause)
Personnel issues	Aircraft control - Pilot (Cause)
Environmental issues	Tree(s) - Effect on operation

Factual Information

History of Flight

Landing	Abnormal runway contact (Defining event) Nose over/nose down Collision with terr/obj (non-CFIT)
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Pilot Information

Certificate:	Flight Instructor; Commercial; Military	Age:	39, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	Glider	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Single-engine; Instrument Airplane	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last FAA Medical Exam:	12/12/2018
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	09/25/2018
Flight Time:	(Estimated) 4130 hours (Total, all aircraft), 10 hours (Total, this make and model), 3646 hours (Pilot In Command, all aircraft), 26 hours (Last 90 days, all aircraft), 19 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Maule	Registration:	N9833M
Model/Series:	M4 210C	Aircraft Category:	Airplane
Year of Manufacture:	1966	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	1017C
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	04/06/2019, Annual	Certified Max Gross Wt.:	2100 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1767 Hours at time of accident	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	IO-360-A
Registered Owner:	On file	Rated Power:	210 hp
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:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:		Visibility	10 Miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	Light and Variable /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:		Temperature/Dew Point:	18° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	North Pole, AK (95Z)	Type of Flight Plan Filed:	None
Destination:	Fairbanks, AK (2AK1)	Type of Clearance:	None
Departure Time:	1840 AKD	Type of Airspace:	Class G

Airport Information

Airport:	BLAIR LAKE (2AK1)	Runway Surface Type:	Dirt; Gravel
Airport Elevation:	910 ft	Runway Surface Condition:	Dry; Vegetation
Runway Used:	33	IFR Approach:	None
Runway Length/Width:	1530 ft / 50 ft	VFR Approach/Landing:	Full Stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	64.360000, -147.360000 (est)

Administrative Information

Investigator In Charge (IIC):	Kathryn R Benhoff	Report Date:	11/06/2019
Additional Participating Persons:	Craig Kenmonth; FAA; Fairbanks, AK		
Publish Date:	11/06/2019		
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=99532		

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