



National Transportation Safety Board

Aviation Accident Data Summary

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|--------------------------------|---|-------------------------|------------|
| Location: | Wasilla, AK | Accident Number: | GAA16CA142 |
| Date & Time: | 03/01/2016, 1145 AKS | Registration: | N12BE |
| Aircraft: | MAULE M5 | 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."

Flight Events

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

Probable Cause

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

- Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C
- Personnel issues-Task performance-Use of equip/info-Aircraft control-Student/instructed pilot - C

Student Pilot Information

| | | | |
|----------------------------------|--|------------------------------|------|
| Certificate: | Student | Age: | 21 |
| Airplane Rating(s): | None | Instrument Rating(s): | None |
| Other Aircraft Rating(s): | None | Instructor Rating(s): | None |
| 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

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|---|---|-----------------------------|-----------------|
| Aircraft Manufacturer: | MAULE | Registration: | N12BE |
| Model/Series: | M5 235C | Engines: | 1 Reciprocating |
| Operator: | On file | Engine Manufacturer: | Lycoming |
| Air Carrier Operating Certificate: | None | Engine Model/Series: | O-540 Series |
| Flight Conducted Under: | Part 91: General Aviation - Instructional | | |

Meteorological Information and Flight Plan

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|---|----------------------------------|-------------------------------------|------------------------------|
| Observation Facility, Elevation: | PAWS, 354 ft msl | Weather Information Source: | Weather Observation Facility |
| Conditions at Accident Site: | Visual Conditions | Lowest Ceiling: | None |
| Condition of Light: | Day | Wind Speed/Gusts, Direction: | 7 knots, 80° |
| Temperature: | 2° C / -10° C | Visibility | 10 Miles |
| Precipitation and Obscuration: | No Obscuration; No Precipitation | | |
| Departure Point: | Wasilla, AK (IYS) | Destination: | Wasilla, AK (IYS) |

Airport Information

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|-----------------------------|-----------------|----------------------------------|---------|
| Airport: | WASILLA (IYS) | Runway Surface Type: | Asphalt |
| Runway Used: | 04 | Runway Surface Condition: | Dry |
| Runway Length/Width: | 3700 ft / 75 ft | | |

Wreckage and Impact Information

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|----------------------------|--------|----------------------------|-------------|
| Crew Injuries: | 1 None | Aircraft Damage: | Substantial |
| Passenger Injuries: | N/A | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |

Administrative Information

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|--------------------------------------|---|----------------------|------------|
| Investigator In Charge (IIC): | Michael J Hodges | Adopted Date: | 05/03/2016 |
| 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=92792 | | |

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.