



Aviation Investigation Final Report

Location:	Sleetmute, Alaska	Accident Number:	ANC16CA053
Date & Time:	July 31, 2016, 09:00 Local	Registration:	N206JC
Aircraft:	Cessna U206G	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	5 None
Flight Conducted Under:	Part 91: General aviation		

Analysis

The pilot stated that he was attempting a takeoff from an unimproved, wet airstrip with four passengers on board when the tricycle-gear airplane began to hydroplane, followed by a ground loop, which resulted in substantial damage to the airplane's left wing and tail.

A passenger stated that, after taxiing to the end of the runway and turning around, the pilot began the takeoff roll. After becoming airborne, the airplane immediately turned right, then left, then impacted the trees on the left side of the runway. Following the initial impact, the airplane began to travel backward through the trees.

Photographs of the airplane taken immediately following the accident by the passenger show the flaps in the retracted position, the right main landing gear box protruding through the floorboard of the airplane, and substantial damage to the left wing and fuselage, just aft of the rear window.

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 adequate airspeed during the initial climb after taking off from a wet runway and his exceedance of the airplane's critical angle of attack, which resulted in an aerodynamic stall.

Findings

Personnel issues	Aircraft control - Pilot
Aircraft	Airspeed - Not attained/maintained
Aircraft	Angle of attack - Not attained/maintained
Environmental issues	Wet surface - Effect on operation

Factual Information

History of Flight

Takeoff	Loss of control in flight (Defining event)
Takeoff	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial	Age:	65, Male
Airplane Rating(s):	Single-engine land; Single-engine sea	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 2 With waivers/limitations	Last FAA Medical Exam:	August 26, 2016
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	20000 hours (Total, all aircraft), 3500 hours (Total, this make and model), 20000 hours (Pilot In Command, all aircraft), 300 hours (Last 90 days, all aircraft), 125 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N206JC
Model/Series:	U206G	Aircraft Category:	Airplane
Year of Manufacture:	1980	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	U20605765
Landing Gear Type:	Tricycle	Seats:	5
Date/Type of Last Inspection:	June 1, 2016 Unknown	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	O-550 SERIES
Registered Owner:	On file	Rated Power:	300 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:	SLQ,177 ft msl	Distance from Accident Site:	3 Nautical Miles
Observation Time:	16:56 Local	Direction from Accident Site:	358°
Lowest Cloud Condition:	Scattered / 500 ft AGL	Visibility	5 miles
Lowest Ceiling:	Broken / 1300 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.03 inches Hg	Temperature/Dew Point:	13°C / 12°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Sleetmute, AK (SLQ)	Type of Flight Plan Filed:	Unknown
Destination:	Sleetmute, AK (SLQ)	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class G

Airport Information

Airport:	SLEETMUTE SLQ	Runway Surface Type:	Dirt;Grass/turf
Airport Elevation:	191 ft msl	Runway Surface Condition:	Rough;Standing water;Wet
Runway Used:		IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	4 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	5 None	Latitude, Longitude:	61.661666,-157.145278(est)

Administrative Information

Investigator In Charge (IIC):	Williams, David
Additional Participating Persons:	Jack Devlin; FAA; Anchorage, AK
Original Publish Date:	March 13, 2017
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=93786

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