



AVIATION



HIGHWAY



MARINE



RAILROAD



PIPELINE

Aviation Investigation Final Report

Location:	Barter Island, Alaska	Accident Number:	GAA18CA491
Date & Time:	August 15, 2018, 17:09 Local	Registration:	N206JM
Aircraft:	Cessna U206	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 Minor
Flight Conducted Under:	Part 135: Air taxi & commuter - Non-scheduled		

Analysis

The pilot reported that, while turning left from the runway onto a taxiway, a wind gust lifted the right wing and that the airplane then flipped over and came to rest off the taxiway.

The airplane sustained substantial damage to the right wing and vertical stabilizer.

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

The airport's automated weather observation station reported that, about 17 minutes before the accident, the wind was from 250° at 35 knots, gusting to 44 knots. The pilot landed the airplane on runway 25.

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 lateral control while taxiing in gusting wind conditions.

Findings

Aircraft	Crosswind correction - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	High wind - Effect on operation
Environmental issues	Gusts - Effect on operation
Environmental issues	Crosswind - Effect on operation

Factual Information

History of Flight

Taxi-from runway	Other weather encounter
Taxi-from runway	Loss of control on ground (Defining event)
Taxi	Roll over

Pilot Information

Certificate:	Commercial	Age:	24,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Without waivers/limitations	Last FAA Medical Exam:	May 30, 2018
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	April 5, 2018
Flight Time:	(Estimated) 1505.5 hours (Total, all aircraft), 305.1 hours (Total, this make and model), 557.5 hours (Pilot In Command, all aircraft), 261.1 hours (Last 90 days, all aircraft), 127.5 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N206JM
Model/Series:	U206 F	Aircraft Category:	Airplane
Year of Manufacture:	1973	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	U20602195
Landing Gear Type:	Tricycle	Seats:	3
Date/Type of Last Inspection:	August 7, 2018 100 hour	Certified Max Gross Wt.:	3600 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	7317.8 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	C126 installed, not activated	Engine Model/Series:	IO 550-F35B
Registered Owner:		Rated Power:	300 Horsepower
Operator:		Operating Certificate(s) Held:	On-demand air taxi (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	PABA, 5 ft msl	Distance from Accident Site:	2 Nautical Miles
Observation Time:	00:52 Local	Direction from Accident Site:	51°
Lowest Cloud Condition:		Visibility	10 miles
Lowest Ceiling:	Overcast / 3500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	35 knots / 44 knots	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	250°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.42 inches Hg	Temperature/Dew Point:	8°C / 4°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Deadhorse, AK (SCC)	Type of Flight Plan Filed:	None
Destination:	Barter Island, AK (BTI)	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class G

Airport Information

Airport:	BARTER ISLAND BTI	Runway Surface Type:	Gravel
Airport Elevation:	55 ft msl	Runway Surface Condition:	Dry
Runway Used:	25	IFR Approach:	None
Runway Length/Width:	4500 ft / 100 ft	VFR Approach/Landing:	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:	70.131942,-143.623886(est)

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Daniel Foster; FAA; Fairbanks, AK
Original Publish Date:	June 10, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=98081

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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).