



Aviation Investigation Final Report

Location:	Homer, Alaska	Accident Number:	GAA17CA353
Date & Time:	June 6, 2017, 16:15 Local	Registration:	N207RB
Aircraft:	Cessna 207	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	5 None
Flight Conducted Under:	Part 135: Air taxi & commuter - Non-scheduled		

Analysis

The pilot reported that, while landing on a beach, he "felt a significant push to the right toward the water and was concerned with going into the water" He added that he initiated a go-around, but the nosewheel "caught and apparently broke off." The propeller then struck the sand, the airplane slid, the tail kicked over, and the airplane came to rest on its back.

The airplane sustained substantial damage to the left wing.

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

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's decision to land on unsuitable terrain, which resulted in the nosewheel breaking and a subsequent noseover.

Findings

Personnel issues	Decision making/judgment - Pilot
Personnel issues	Aircraft control - Pilot
Environmental issues	(general) - Decision related to condition

Factual Information

History of Flight

Landing-aborted after touchdown	Loss of control on ground (Defining event)
Landing-aborted after touchdown	Landing gear collapse
Landing-aborted after touchdown	Dragged wing/rotor/float/other
Landing	Nose over/nose down

Pilot Information

Certificate:	Commercial	Age:	47,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	May 11, 2017
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	April 21, 2017
Flight Time:	(Estimated) 1409 hours (Total, all aircraft), 11 hours (Total, this make and model), 1248 hours (Pilot In Command, all aircraft), 47 hours (Last 90 days, all aircraft), 22 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N207RB
Model/Series:	207 A	Aircraft Category:	Airplane
Year of Manufacture:	1980	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	20700606
Landing Gear Type:	Tricycle	Seats:	6
Date/Type of Last Inspection:	November 3, 2016 Annual	Certified Max Gross Wt.:	3800 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	21450.2 Hrs at time of accident	Engine Manufacturer:	Continental
ELT:	C126 installed, activated, did not aid in locating accident	Engine Model/Series:	IO-520F
Registered Owner:		Rated Power:	300 Horsepower
Operator:		Operating Certificate(s) Held:	Commuter air carrier (135)
Operator Does Business As:		Operator Designator Code:	8NIA

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	PALJ, 260 ft msl	Distance from Accident Site:	41 Nautical Miles
Observation Time:	00:58 Local	Direction from Accident Site:	300°
Lowest Cloud Condition:		Visibility	30 miles
Lowest Ceiling:	Broken / 7000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	12 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	70°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	29.72 inches Hg	Temperature/Dew Point:	15°C / 8°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	KENAI, AK (ENA)	Type of Flight Plan Filed:	Company VFR
Destination:	Homer, AK	Type of Clearance:	None
Departure Time:	15:36 Local	Type of Airspace:	Class G

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:	59.866111,-153.118606(est)

Administrative Information

Investigator In Charge (IIC):	Vanover, Jackie
Additional Participating Persons:	Mathew Dahl; FAA; Juneau, AK
Original Publish Date:	January 23, 2018
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=95408

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](#).