



Aviation Investigation Final Report

Location:	Gulkana, Alaska	Accident Number:	GAA19CA327
Date & Time:	June 7, 2019, 16:00 Local	Registration:	N4057Y
Aircraft:	Cessna 185	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, just before touchdown, a wind gust lifted the left wing, and the right wing impacted the runway. The right wheel touched down, and the airplane ground looped to the left. The airplane sustained substantial damage to the right wing. The pilot reported that there were no preaccident mechanical failures or malfunctions 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 loss of airplane control just before touchdown in gusting wind conditions, which resulted in ground loop after touchdown.

Findings

Aircraft	(general) - Not attained/maintained
Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Gusts - Effect on operation

Factual Information

History of Flight

Landing	Other weather encounter
Landing	Loss of control in flight
Landing	Loss of control on ground (Defining event)

Pilot Information

Certificate:	Commercial; Private	Age:	43,Female
Airplane Rating(s):	Single-engine land; Single-engine sea; 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 2 Without waivers/limitations	Last FAA Medical Exam:	November 1, 2019
Occupational Pilot:	No	Last Flight Review or Equivalent:	February 17, 2019
Flight Time:	(Estimated) 1275 hours (Total, all aircraft), 150 hours (Total, this make and model), 1087 hours (Pilot In Command, all aircraft), 40 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4057Y
Model/Series:	185 A	Aircraft Category:	Airplane
Year of Manufacture:	1961	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	185-0257
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	August 1, 2018 Annual	Certified Max Gross Wt.:	3197 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2600 Hrs	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	IO-470F
Registered Owner:	On file	Rated Power:	260 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:	PAGK,1562 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	22:53 Local	Direction from Accident Site:	332°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	9 knots / 16 knots	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	310°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.98 inches Hg	Temperature/Dew Point:	17°C / 6°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Anchorage, AK (MRI)	Type of Flight Plan Filed:	VFR
Destination:	Gulkana, AK (GKN)	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class E

Airport Information

Airport:	Gulkana GKN	Runway Surface Type:	Asphalt
Airport Elevation:	1586 ft msl	Runway Surface Condition:	
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	5001 ft / 100 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	62.154998,-145.454437(est)

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Bill Lowen; FAA; Anchorage, AK
Original Publish Date:	August 3, 2020
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=99584

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