



Aviation Investigation Final Report

Location:	Mount Vernon, Washington	Accident Number:	GAA18CA164
Date & Time:	March 9, 2018, 11:00 Local	Registration:	N9463C
Aircraft:	Cessna 180	Aircraft Damage:	Substantial
Defining Event:	Abnormal runway contact	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot in the tailwheel-equipped airplane reported that, during landing, the airplane bounced, he added power, and the airplane settled on the runway. During the landing roll he lost directional control, the airplane exited the right side of the runway, and the left wing struck the ground. The pilot taxied the airplane to parking.

The airplane sustained substantial damage to the left-wing ribs and spar.

The pilot reported that there were no 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 failure to maintain directional control of the airplane during landing.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot

Factual Information

History of Flight

Landing	Abnormal runway contact (Defining event)
Landing-flare/touchdown	Loss of control on ground
Landing-landing roll	Runway excursion

Pilot Information

Certificate:	Airline transport; Flight instructor; Private	Age:	49, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 1	Last FAA Medical Exam:	October 24, 2017
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	November 4, 2017
Flight Time:	(Estimated) 13000 hours (Total, all aircraft), 13 hours (Total, this make and model), 3100 hours (Pilot In Command, all aircraft), 250 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9463C
Model/Series:	180 UNDESIGNAT	Aircraft Category:	Airplane
Year of Manufacture:	1955	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	31861
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	March 10, 2017 Annual	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	5226.8 Hrs at time of accident	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	O-470J
Registered Owner:	On file	Rated Power:	225 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:	KBVS, 140 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	18:55 Local	Direction from Accident Site:	139°
Lowest Cloud Condition:	Few / 1700 ft AGL	Visibility:	10 miles
Lowest Ceiling:	Broken / 3200 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	5 knots / 10 knots	Turbulence Type Forecast/Actual:	/ None
Wind Direction:		Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.04 inches Hg	Temperature/Dew Point:	7°C / 3°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Enumclaw, WA (WA77)	Type of Flight Plan Filed:	None
Destination:	LOPEZ, WA (S31)	Type of Clearance:	None
Departure Time:	09:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	SKAGIT RGNL BVS	Runway Surface Type:	Asphalt
Airport Elevation:	145 ft msl	Runway Surface Condition:	Dry
Runway Used:	11	IFR Approach:	None
Runway Length/Width:	5478 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:	48.470554,-122.421669(est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Michael
Additional Participating Persons:	John Osborne; FAA; Seattle, WA
Original Publish Date:	September 10, 2018
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=96875

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