



Aviation Investigation Final Report

Location:	Stanley, Idaho	Accident Number:	WPR20CA265
Date & Time:	August 10, 2020, 18:30 Local	Registration:	N9917N
Aircraft:	Cessna 180	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that during the takeoff roll in the tailwheel equipped airplane, with a 10 knot direct crosswind, after the tail lifted and the airplane was tracking on the runway centerline, he initiated a cross control to compensate for the crosswind. The control pressure was excessive and the airplane banked into the wind and started to deviate to the left. The pilot attempted corrective action however the airplane rotated around and ground looped. The right side main landing gear collapsed and the right wing was substantially damaged.

The pilot reported that there were no mechanical anomalies 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 during takeoff in crosswind conditions, which resulted in a ground loop.

Findings

Personnel issues	Aircraft control - Pilot
Aircraft	Directional control - Not attained/maintained
Environmental issues	Crosswind - Effect on operation

Factual Information

History of Flight

Takeoff	Other weather encounter
Takeoff	Loss of control on ground (Defining event)
Takeoff	Attempted remediation/recovery
Takeoff	Landing gear collapse

Pilot Information

Certificate:	Private	Age:	67, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Glider	Restraint Used:	4-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	July 23, 2019
Occupational Pilot:	No	Last Flight Review or Equivalent:	July 31, 2020
Flight Time:	3300 hours (Total, all aircraft)		

Passenger Information

Certificate:		Age:	
Airplane Rating(s):		Seat Occupied:	Right
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):		Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9917N
Model/Series:	180 J	Aircraft Category:	Airplane
Year of Manufacture:	1975	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18052572
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3825 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	O-470 SERIES
Registered Owner:	On file	Rated Power:	230 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:	2U7,6403 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	07:00 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	30 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	10 knots / 15 knots	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	280°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.23 inches Hg	Temperature/Dew Point:	22°C / -4°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Stanley, ID (2U7)	Type of Flight Plan Filed:	None
Destination:	Hailey, ID (SUN)	Type of Clearance:	None
Departure Time:	07:15 Local	Type of Airspace:	Class E

Airport Information

Airport:	Stanley 2U7	Runway Surface Type:	Asphalt;Dirt
Airport Elevation:	6403 ft msl	Runway Surface Condition:	Dry
Runway Used:	35	IFR Approach:	None
Runway Length/Width:	4300 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	44.212776,-114.933334(est)

Administrative Information

Investigator In Charge (IIC): Swick, Andrew

Additional Participating Persons:

Original Publish Date: May 6, 2021

Last Revision Date:

Investigation Class: [Class 4](#)

Note: This accident report documents the factual circumstances of this accident as described to the NTSB.

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=101776>

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