



Aviation Investigation Final Report

Location:	Bethel, Maine	Accident Number:	ERA13CA216
Date & Time:	April 28, 2013, 11:30 Local	Registration:	N180VW
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

According to the pilot, he applied left aileron on the final approach leg to counteract a left crosswind. The crosswind then ceased, at which point the pilot backed off the aileron input. As the tailwheel-equipped airplane touched down, it encountered another crosswind, and the pilot again applied left aileron to counteract it; however, the left wing and left main landing gear became airborne and the airplane departed the right side of the runway. The pilot then “rode” the right brake, and the airplane continued to the right until the left wing came down and the left main landing gear collapsed, resulting in substantial damage to left wing. The pilot reported no preimpact mechanical malfunctions or anomalies that could have precluded normal operation. The reported wind at a nearby airport about the time of the accident, was variable at 5 knots.

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 landing.

Findings

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

Factual Information

History of Flight

Landing	Loss of control on ground (Defining event)
Landing	Runway excursion
Landing	Landing gear collapse

Pilot Information

Certificate:	Private	Age:	56, Male
Airplane Rating(s):	Single-engine land; Single-engine sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	June 29, 2011
Occupational Pilot:	No	Last Flight Review or Equivalent:	August 13, 2012
Flight Time:	110 hours (Total, all aircraft), 80 hours (Total, this make and model), 29 hours (Pilot In Command, all aircraft), 5 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N180VW
Model/Series:	180	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	32005
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	June 1, 2012 Annual	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:	43 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	3554 Hrs at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	O-470 SERIES
Registered Owner:	Two LLC	Rated Power:	230 Horsepower
Operator:	Two LLC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	BML,1161 ft msl	Distance from Accident Site:	18 Nautical Miles
Observation Time:	15:52 Local	Direction from Accident Site:	300°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.27 inches Hg	Temperature/Dew Point:	18°C / -2°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Oxford, ME (81B)	Type of Flight Plan Filed:	None
Destination:	Bethel, ME (0B1)	Type of Clearance:	None
Departure Time:	10:00 Local	Type of Airspace:	

Airport Information

Airport:	Bethel Regional Airport 0B1	Runway Surface Type:	Asphalt
Airport Elevation:	674 ft msl	Runway Surface Condition:	Dry
Runway Used:	32	IFR Approach:	None
Runway Length/Width:	3818 ft / 75 ft	VFR Approach/Landing:	Traffic pattern

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:	44.425277,-70.809997(est)

Administrative Information

Investigator In Charge (IIC):	Cox, Paul
Additional Participating Persons:	Daniel L Jockett; FAA/FSDO; Portland, ME
Original Publish Date:	August 29, 2013
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=86745

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