



Aviation Investigation Final Report

Location:	Mount Holly, New Jersey	Accident Number:	GAA18CA556
Date & Time:	September 15, 2018, 12:30 Local	Registration:	N7304T
Aircraft:	Cessna R182	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, during landing, while over the runway, he believed the "right wing lifted a bit," and the airplane drifted left. The airplane touched down, veered left, and he applied right rudder. Subsequently, the airplane exited the left side of the runway and impacted trees.

The airplane sustained substantial damage to both wings and the fuselage.

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

The automated weather observation system at the accident airport reported that, about the time of the accident, the wind was variable at 5 knots. The pilot landed on runway 8.

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 lateral control of the airplane during landing, which resulted in a loss of directional control and subsequent runway excursion.

Findings

Aircraft	Lateral/bank control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Aircraft	Directional control - Not attained/maintained
Environmental issues	Tree(s) - Contributed to outcome

Factual Information

History of Flight

Landing	Loss of control in flight (Defining event)
Landing	Loss of control on ground
Landing	Attempted remediation/recovery
Landing	Runway excursion
Landing	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	83,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Unknown
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:	April 3, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	December 10, 2016
Flight Time:	(Estimated) 3385 hours (Total, all aircraft), 2500 hours (Total, this make and model), 3385 hours (Pilot In Command, all aircraft), 23 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N7304T
Model/Series:	R182 No Series	Aircraft Category:	Airplane
Year of Manufacture:	1977	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	R18200027
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	May 16, 2018 Annual	Certified Max Gross Wt.:	3100 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4818 Hrs as of last inspection	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-540-J3C5D
Registered Owner:		Rated Power:	235 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:	KVAY, 53 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	16:54 Local	Direction from Accident Site:	19°
Lowest Cloud Condition:		Visibility	10 miles
Lowest Ceiling:	Overcast / 2300 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:		Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.2 inches Hg	Temperature/Dew Point:	24°C / 20°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Caldwell, NJ (CDW)	Type of Flight Plan Filed:	None
Destination:	Mount Holly, NJ (VAY)	Type of Clearance:	VFR flight following
Departure Time:	11:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	SOUTH JERSEY RGNL VAY	Runway Surface Type:	Asphalt
Airport Elevation:	52 ft msl	Runway Surface Condition:	Dry
Runway Used:	08	IFR Approach:	None
Runway Length/Width:	3881 ft / 50 ft	VFR Approach/Landing:	Full stop;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:	39.943054,-74.844718(est)

Administrative Information

Investigator In Charge (IIC):	Swenson, Eric
Additional Participating Persons:	Robert W Fus; FAA; Philadelphia, PA
Original Publish Date:	March 18, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=98302

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