



Aviation Investigation Final Report

Location:	Roseburg, Oregon	Accident Number:	GAA18CA564
Date & Time:	September 21, 2018, 16:30 Local	Registration:	N8382G
Aircraft:	Cessna 150	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot in the tailwheel-equipped airplane reported that the airplane bounced and drifted left during the three-point landing. He applied right rudder to correct the left drift and aft pressure on the yoke to keep the tailwheel on the ground. However, the left wing lifted, and the right main landing gear was sideloaded and then collapsed. The right wing struck the ground, and the airplane came to rest on the runway.

The airplane sustained substantial damage to the right wing spar.

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

The METAR at the airport reported that, about the time of the accident, the wind was from 300° at 7 knots. The pilot landed the airplane on runway 34.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's loss of directional control during landing.

Findings

Personnel issues

Aircraft control - Pilot

Aircraft

Directional control - Not attained/maintained

Factual Information

History of Flight

Landing	Abnormal runway contact
Landing	Loss of control on ground (Defining event)
Landing	Attempted remediation/recovery
Landing	Landing gear collapse
Landing	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	62,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	4-point
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:	July 17, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	September 14, 2018
Flight Time:	(Estimated) 167.5 hours (Total, all aircraft), 85 hours (Total, this make and model), 103.4 hours (Pilot In Command, all aircraft), 7.8 hours (Last 90 days, all aircraft), 4.3 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N8382G
Model/Series:	150 F	Aircraft Category:	Airplane
Year of Manufacture:	1965	Amateur Built:	
Airworthiness Certificate:	Utility	Serial Number:	15062482
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	April 19, 2018 Annual	Certified Max Gross Wt.:	1600 lbs
Time Since Last Inspection:	2454.2 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	as of last inspection	Engine Manufacturer:	Continental
ELT:	C91A installed, not activated	Engine Model/Series:	O-200
Registered Owner:		Rated Power:	100 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:	KRBG, 509 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	23:53 Local	Direction from Accident Site:	126°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	300°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.92 inches Hg	Temperature/Dew Point:	29°C / 8°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Roseburg, OR (RBG)	Type of Flight Plan Filed:	None
Destination:	Roseburg, OR (RBG)	Type of Clearance:	None
Departure Time:	16:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	ROSEBURG RGNL RBG	Runway Surface Type:	Asphalt
Airport Elevation:	533 ft msl	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	5003 ft / 100 ft	VFR Approach/Landing:	Full stop

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:	43.239444,-123.355834(est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Michael
Additional Participating Persons:	
Original Publish Date:	September 26, 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=98341

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).