



Aviation Investigation Final Report

Location:	Ukiah, California	Accident Number:	GAA17CA364
Date & Time:	June 25, 2017, 13:15 Local	Registration:	N4819R
Aircraft:	Cessna 305	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of the tailwheel-equipped airplane reported that, during the three-point touchdown, the airplane "immediately veered left," and he applied full right rudder. He added that he subsequently "applied power," but as he did so, the right main landing gear collapsed as the airplane ground looped counter-clockwise on the runway.

The right wing sustained substantial damage.

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

An automated weather observation station at the accident airport reported that, about the time of the accident, the wind was from 090° at 5 knots. The pilot reported that the landing was on runway 15.

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 the landing roll in crosswind conditions.

Findings

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

Factual Information

History of Flight

Landing-flare/touchdown	Other weather encounter
Landing-flare/touchdown	Loss of control on ground (Defining event)
Landing-landing roll	Attempted remediation/recovery
Landing-landing roll	Abnormal runway contact

Pilot Information

Certificate:	Private	Age:	64, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
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:	May 1, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	July 19, 2015
Flight Time:	(Estimated) 1576 hours (Total, all aircraft), 412 hours (Total, this make and model), 1576 hours (Pilot In Command, all aircraft), 16.6 hours (Last 90 days, all aircraft), 8.1 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4819R
Model/Series:	305 A	Aircraft Category:	Airplane
Year of Manufacture:	1951	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	22280
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	September 20, 2016 Annual	Certified Max Gross Wt.:	2430 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	6109.4 Hrs at time of accident	Engine Manufacturer:	Continental
ELT:	C91 installed, not activated	Engine Model/Series:	O-470-11B
Registered Owner:	On file	Rated Power:	213 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:	KUKI,616 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	20:56 Local	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	29.93 inches Hg	Temperature/Dew Point:	31°C / 15°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	FORT BRAGG, CA (82CL)	Type of Flight Plan Filed:	None
Destination:	UKIAH, CA (UKI)	Type of Clearance:	None
Departure Time:	10:30 Local	Type of Airspace:	Class D

Airport Information

Airport:	UKIAH MUNI UKI	Runway Surface Type:	Asphalt
Airport Elevation:	616 ft msl	Runway Surface Condition:	Dry
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	4423 ft / 150 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:	39.125831,-123.200836(est)

Administrative Information

Investigator In Charge (IIC):	Gerhardt, Adam
Additional Participating Persons:	Bart Hauger; FAA/ FSDO; Oakland, CA
Original Publish Date:	October 17, 2017
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=95434

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