



Aviation Investigation Final Report

Location:	Casper, Wyoming	Accident Number:	WPR14CA247
Date & Time:	June 16, 2014, 12:30 Local	Registration:	N9012C
Aircraft:	Cessna 180	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot was landing the tailwheel-equipped airplane on a dry, asphalt runway. During the landing with an anticipated left crosswind, the wind shifted and the airplane bounced on landing. The airplane drifted to the left side of the runway, and when it touched down again, the pilot applied brakes and the airplane nosed over. The left wing and vertical stabilizer were substantially damaged. The pilot reported no preimpact 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 inadequate flare and loss of directional control during landing.

Findings

Aircraft	Landing flare - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Aircraft	Directional control - Not attained/maintained
Environmental issues	Sudden wind shift - Contributed to outcome

Factual Information

History of Flight

Landing-flare/touchdown	Abnormal runway contact
Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	64
Airplane Rating(s):	Single-engine land	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 28, 2013
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	4808 hours (Total, all aircraft), 28 hours (Total, this make and model), 4808 hours (Pilot In Command, all aircraft), 23 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9012C
Model/Series:	180	Aircraft Category:	Airplane
Year of Manufacture:	1954	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	31060
Landing Gear Type:	Tailwheel	Seats:	
Date/Type of Last Inspection:	November 14, 2013 Annual	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:	74 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	3533 Hrs at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:	C91A installed, activated, did not aid in locating accident	Engine Model/Series:	O-470 SERIES
Registered Owner:	On file	Rated Power:	0 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:	KCPR, 5290 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	18:53 Local	Direction from Accident Site:	235°
Lowest Cloud Condition:	Clear	Visibility:	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	19 knots / 30 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	220°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.73 inches Hg	Temperature/Dew Point:	26°C / -2°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Gillette, WY (WY13)	Type of Flight Plan Filed:	None
Destination:	Casper, WY (CPR)	Type of Clearance:	None
Departure Time:	11:50 Local	Type of Airspace:	

Airport Information

Airport:	CASPER/NATRONA COUNTY INTL CPR	Runway Surface Type:	Asphalt
Airport Elevation:	5350 ft msl	Runway Surface Condition:	Dry
Runway Used:	21	IFR Approach:	None
Runway Length/Width:	10165 ft / 150 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:	42.905277,-106.459724(est)

Administrative Information

Investigator In Charge (IIC):	Jones, Patrick
Additional Participating Persons:	Carl Steitz; Federal Aviation Administration; Denver, CO
Original Publish Date:	September 24, 2014
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=89448

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