



Aviation Investigation Final Report

Location:	Upland, California	Accident Number:	WPR12CA352
Date & Time:	August 12, 2012, 12:00 Local	Registration:	N2927K
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 reported that after touching down the airplane tracked the centerline of the runway but eventually began to veer to the right. After correcting back to the centerline, a wind gust from the right caused the right wing to lift, which resulted in the airplane tracking to the left and eventually exiting the left side of the runway. With a fence now directly in the path and a collision imminent, the pilot initiated a go-around by applying full power and retracting the flaps from 40 degrees to 10 degrees. The pilot added that even though the airplane was airborne, he was unable to climb over the fence. The airplane impacted the top of the fence with its main landing gear and tailwheel before coming to rest wedged between a rock pile and the fence; it sustained substantial damage to the wings, fuselage, and horizontal stabilizer. The pilot reported no 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 failure to maintain directional control of the airplane during the landing roll in gusting wind conditions.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Gusts - Response/compensation
Environmental issues	Fence/fence post - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Runway excursion
Landing-aborted after touchdown	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial	Age:	51, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Without waivers/limitations	Last FAA Medical Exam:	February 2, 2011
Occupational Pilot:	No	Last Flight Review or Equivalent:	May 30, 2012
Flight Time:	872 hours (Total, all aircraft), 319 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N2927K
Model/Series:	180 K	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18053132
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	June 1, 2012 Annual	Certified Max Gross Wt.:	3190 lbs
Time Since Last Inspection:	37 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	5830 Hrs at time of accident	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O470
Registered Owner:	On file	Rated Power:	230
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:	ONT,944 ft msl	Distance from Accident Site:	6 Nautical Miles
Observation Time:	11:53 Local	Direction from Accident Site:	128°
Lowest Cloud Condition:	Few / 15000 ft AGL	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	260°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.86 inches Hg	Temperature/Dew Point:	37°C / 16°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Cararillo, CA (CMA)	Type of Flight Plan Filed:	None
Destination:	Upland, CA (CCB)	Type of Clearance:	None
Departure Time:	11:10 Local	Type of Airspace:	

Airport Information

Airport:	Cable Airport CCB	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	24	IFR Approach:	None
Runway Length/Width:	3864 ft / 75 ft	VFR Approach/Landing:	Traffic pattern

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:	34.111667,-117.687225(est)

Administrative Information

Investigator In Charge (IIC):	Little, Thomas
Additional Participating Persons:	Curtis R Johnson; Federal Aviation Administration; Riverside, CA
Original Publish Date:	November 5, 2012
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=84630

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