



Aviation Investigation Final Report

Location:	Kettle Falls, Washington	Accident Number:	WPR10CA257
Date & Time:	May 23, 2010, 13:45 Local	Registration:	N9104R
Aircraft:	Cessna 180A	Aircraft Damage:	Substantial
Defining Event:	Collision with terr/obj (non-CFIT)	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot stated that while in flight he encountered frequent isolated rain storms. During the approach there was light rain with good visibility. The pilot reported a normal touchdown and a reduction in forward visibility as the light rain became heavy rain. At approximately 150 feet from the end of the airstrip the pilot saw an 18 inch elevated driveway and applied heavy braking and right rudder resulting in a low speed skid. The left main gear impacted the driveway and the aircraft continued to slide over the road bed. The impact resulted in substantial damage to the left wing, fuselage, and firewall.

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 clearance from obstacles during the landing roll. Contributing to the accident was the reduced visibility due to precipitation.

Findings

Environmental issues	(general) - Response/compensation
Environmental issues	Rain - Effect on personnel
Personnel issues	(general) - Pilot

Factual Information

History of Flight

Landing-landing roll	Collision with terr/obj (non-CFIT) (Defining event)
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Pilot Information

Certificate:	Private	Age:	73, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	June 9, 2009
Occupational Pilot:		Last Flight Review or Equivalent:	April 11, 2010
Flight Time:	1600 hours (Total, all aircraft), 1000 hours (Total, this make and model), 1500 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9104R
Model/Series:	180A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	32717
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	May 10, 2010 Annual	Certified Max Gross Wt.:	2655 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4566 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-470-K
Registered Owner:	CADA CATTLE CO	Rated Power:	230 Horsepower
Operator:	CADA CATTLE CO	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KDEW	Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Scattered / 5500 ft AGL	Visibility	10 miles
Lowest Ceiling:	Broken / 10000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.87 inches Hg	Temperature/Dew Point:	12°C / 0°C
Precipitation and Obscuration:	Moderate - None - Rain		
Departure Point:	Davenport, WA (68S)	Type of Flight Plan Filed:	None
Destination:	Kettle Falls, WA (none)	Type of Clearance:	VFR
Departure Time:	13:25 Local	Type of Airspace:	

Airport Information

Airport:	Private Grass Strip none	Runway Surface Type:	Grass/turf
Airport Elevation:		Runway Surface Condition:	Vegetation
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	1300 ft / 100 ft	VFR Approach/Landing:	Full stop;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:	48.468334,-118.174446

Administrative Information

Investigator In Charge (IIC):	Rich, Jefferey
Additional Participating Persons:	Colby Barron; FAA FSDO Spokane; Spokane, WA
Original Publish Date:	July 22, 2010
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=76095

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