



# Aviation Investigation Final Report

<b>Location:</b>	Condon, Oregon	<b>Accident Number:</b>	WPR10CA026
<b>Date &amp; Time:</b>	October 10, 2009, 10:30 Local	<b>Registration:</b>	N9586B
<b>Aircraft:</b>	Cessna 180A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Collision during takeoff/land	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that he was landing the tailwheel-equipped airplane at a remote, 1,100-foot-long dirt airstrip. The pilot stated that during the approach, on short final, the airplane struck the top of a fence post located at the approach end of the airstrip. The airplane subsequently landed hard and nosed-down. The airplane sustained substantial damage to the horizontal stabilizer and elevator. No preaccident mechanical failures were reported by the pilot.

## 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 the fence post on approach.

## Findings

<b>Environmental issues</b>	Fence/fence post - Contributed to outcome
<b>Personnel issues</b>	Monitoring environment - Pilot

## Factual Information

### History of Flight

<b>Approach</b>	Collision during takeoff/land (Defining event)
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### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	64, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 With waivers/limitations	<b>Last FAA Medical Exam:</b>	June 11, 2009
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	239 hours (Total, all aircraft), 38 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N9586B
<b>Model/Series:</b>	180A	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	32883
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	October 8, 2008 Annual	<b>Certified Max Gross Wt.:</b>	2650 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	4074 Hrs	<b>Engine Manufacturer:</b>	CONT MOTOR
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-470 SERIES
<b>Registered Owner:</b>	BARTELL STAN D	<b>Rated Power:</b>	230 Horsepower
<b>Operator:</b>	BARTELL STAN D	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Few	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	Broken / 6500 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	5 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	10°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	13°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Ashland, OR	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Condon, OR (NA )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	08:30 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	Chukar Flats NA	<b>Runway Surface Type:</b>	Dirt
<b>Airport Elevation:</b>		<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	36	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	1100 ft / 30 ft	<b>VFR Approach/Landing:</b>	Valley/terrain following

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	45.225555,-120.543334(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Hogenson, Dennis
<b>Additional Participating Persons:</b>	George Marcom; FAA FSDO; Hillsboro, OR
<b>Original Publish Date:</b>	April 19, 2010
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=74936">https://data.nts.gov/Docket?ProjectID=74936</a>

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