



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Rio Blanco, CO	<b>Accident Number:</b>	CEN09CA615
<b>Date &amp; Time:</b>	09/01/2009, 0925 MDT	<b>Registration:</b>	N6686E
<b>Aircraft:</b>	CESSNA 175	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control in flight	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Business		

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## Analysis

The airplane was landing at a 2,100-foot-long dirt and turf remote mountain airstrip in dry conditions with clear skies and calm wind. During the flare and initial touchdown, the pilot allowed the airplane to drift to the left edge of the runway and the nose gear of the airplane struck a runway edge marker. According to the pilot, that impact "forcefully bounced the aircraft back in the air while dragging the tail." The airplane then "landed hard but controllably" on the left edge of the runway and the pilot steered the airplane back onto the runway. There was substantial damage to the forward fuselage and nose gear, but no injuries to 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 directional control during landing and his failure to execute a go-around.

## Findings

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<b>Aircraft</b>	Directional control - Not attained/maintained (Cause)
<b>Personnel issues</b>	Lack of action - Pilot (Cause) Aircraft control - Pilot (Cause)

## Factual Information

### History of Flight

<b>Landing-flare/touchdown</b>	Loss of control in flight (Defining event) Abnormal runway contact Dragged wing/rotor/float/other
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### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	57, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	Airplane	<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 Medical Exam:</b>	08/20/2009
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	03/20/2008
<b>Flight Time:</b>	1938 hours (Total, all aircraft), 490 hours (Total, this make and model), 1900 hours (Pilot In Command, all aircraft), 37 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	CESSNA	<b>Registration:</b>	N6686E
<b>Model/Series:</b>	175	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	56186
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	03/01/2009, Annual	<b>Certified Max Gross Wt.:</b>	2450 lbs
<b>Time Since Last Inspection:</b>	10 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3756 Hours	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	C91A installed, not activated	<b>Engine Model/Series:</b>	O-470
<b>Registered Owner:</b>	Shelton Drilling Corp	<b>Rated Power:</b>	225 hp
<b>Operator:</b>	Shelton Drilling Corp	<b>Air Carrier Operating Certificate:</b>	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:		Observation Time:	
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	16 °C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	Calm	Visibility (RVR):	
Altimeter Setting:		Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	GlenwoodSprings, CO (KGWS)	Type of Flight Plan Filed:	None
Destination:	Rio Blanco, CO (NONE)	Type of Clearance:	None
Departure Time:	0850 MDT	Type of Airspace:	

## Airport Information

Airport:	Bishop's Cabin Airstrip (NONE)	Runway Surface Type:	Dirt; Grass/turf
Airport Elevation:	7100 ft	Runway Surface Condition:	Dry
Runway Used:	19	IFR Approach:	None
Runway Length/Width:	2100 ft / 50 ft	VFR Approach/Landing:	Straight-in

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None		

## Administrative Information

Investigator In Charge (IIC):	Thomas Latson	Adopted Date:	03/03/2010
Additional Participating Persons:	Lyndsay Carlson; FAA Salt Lake City FSDO; Salt Lake City, UT Howard L Harris; FAA Denver FSDO; Denver, CO		
Publish Date:	03/03/2010		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=74938">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=74938</a>		

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