



# Aviation Investigation Final Report

<b>Location:</b>	Big Creek, Idaho	<b>Accident Number:</b>	WPR10CA301
<b>Date &amp; Time:</b>	June 21, 2010, 09:00 Local	<b>Registration:</b>	N2350C
<b>Aircraft:</b>	Cessna 180	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that while taxiing a tail wheel-equipped airplane down a slope the airplane began to slide sideways and the empennage turned downslope. Despite the pilot’s control inputs, the empennage reached approximately a 90-degree angle to the desired direction and the airplane tipped to the left. During the accident sequence, damage was incurred to the left wing and left horizontal stabilizer. The pilot reported no mechanical failures or malfunctions with the airframe or engine prior to the accident. The pilot stated the accident could have been prevented by obtaining more knowledge concerning the airstrip.

## 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 while taxiing at an unfamiliar airstrip.

## Findings

<b>Personnel issues</b>	Aircraft control - Pilot
<b>Aircraft</b>	Directional control - Not attained/maintained

## Factual Information

### History of Flight

<b>Taxi</b>	Loss of control on ground (Defining event)
<b>Taxi</b>	Collision with terr/obj (non-CFIT)

### Pilot Information

<b>Certificate:</b>	Airline transport; Flight engineer; Flight instructor	<b>Age:</b>	34, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea; Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	Glider	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Airplane single-engine; Instrument airplane	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Without waivers/limitations	<b>Last FAA Medical Exam:</b>	April 23, 2010
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	April 3, 2010
<b>Flight Time:</b>	9775 hours (Total, all aircraft), 1200 hours (Total, this make and model), 3656 hours (Pilot In Command, all aircraft), 175 hours (Last 90 days, all aircraft), 90 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N2350C
<b>Model/Series:</b>	180	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	30650
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	November 18, 2009 Annual	<b>Certified Max Gross Wt.:</b>	2550 lbs
<b>Time Since Last Inspection:</b>	30 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	4681 Hrs as of last inspection	<b>Engine Manufacturer:</b>	CONT MOTOR
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-470 SERIES
<b>Registered Owner:</b>	KEATING JOHN C	<b>Rated Power:</b>	230 Horsepower
<b>Operator:</b>	KEATING JOHN C	<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>	KSMN,4043 ft msl	<b>Distance from Accident Site:</b>	54 Nautical Miles
<b>Observation Time:</b>	08:35 Local	<b>Direction from Accident Site:</b>	93°
<b>Lowest Cloud Condition:</b>	Few / 7500 ft AGL	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>		<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.11 inches Hg	<b>Temperature/Dew Point:</b>	10°C / 7°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Big Creek, ID (I08 )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Big Creek, ID (N/A )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	08:55 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	Mile Hi N/A	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>	5831 ft msl	<b>Runway Surface Condition:</b>	Soft
<b>Runway Used:</b>	19	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	600 ft / 30 ft	<b>VFR Approach/Landing:</b>	Full stop

## 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>	45.15139,-114.992225(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Rich, Jefferey
<b>Additional Participating Persons:</b>	FAA; Boise, ID
<b>Original Publish Date:</b>	October 21, 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=76385">https://data.nts.gov/Docket?ProjectID=76385</a>

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