



National Transportation Safety Board Aviation Accident Data Summary

Location:	Cascade, ID	Accident Number:	WPR11CA034
Date & Time:	11/02/2010, 1412 MDT	Registration:	N3488L
Aircraft:	CESSNA U206B	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot, who was flying the second airplane in a flight of two, was maneuvering in the traffic pattern at a remote back-country airstrip. The approach to the airstrip required the pilots to make a precise base leg to final turn between two steep rock cliffs. During the accident pilot's turn to final approach, he inadvertently made too wide of a turn, resulting in the airplane's nose and right main landing gear colliding with the cliff and becoming separated from the airframe. After the pilot in the other airplane confirmed the extent of the damage, the pilot flying the accident airplane maneuvered to a town where emergency personnel could be available on the ground. Due to the damage, the pilot decided to land in the grass/turf area alongside the main runway. During the landing roll, the nose gear strut dug into the soft terrain and the airplane nosed over onto its back.

Flight Events

Approach-VFR pattern final - Controlled flight into terr/obj (CFIT)
Landing-landing roll - Nose over/nose down

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's failure to maintain clearance from terrain during a turn onto the final approach leg of the traffic pattern.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C
Environmental issues-Physical environment-Runway/land/takeoff/taxi surfa-Soft-Contributed to outcome
Environmental issues-Physical environment-Terrain-Mountainous/hilly terrain-Response/compensation - C

Pilot Information

Certificate:	Commercial	Age:	26
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2800 hours (Total, all aircraft), 1700 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N3488L
Model/Series:	U206B	Engines:	1 Reciprocating
Operator:	Scott W. Patrick	Engine Manufacturer:	Continental Motors
Air Carrier Operating Certificate:	On-demand Air Taxi (135)	Engine Model/Series:	IO-520B
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Weather Information Source:	Pilot
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Calm
Temperature:	16 °C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Wilson Bar, ID	Destination:	Cascade, ID (U70)

Airport Information

Airport:	Cascade (U70)	Runway Surface Type:	Dirt; Grass/turf
Runway Used:	30	Runway Surface Condition:	Dry; Soft; Vegetation
Runway Length/Width:	4300 ft		

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

Administrative Information

Investigator In Charge (IIC):	Orrin K Anderson	Adopted Date:	03/16/2011
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=77718		

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