



National Transportation Safety Board Aviation Accident Final Report

Location:	Coeur d'Alene, ID	Accident Number:	LAX08CA210
Date & Time:	07/01/2008, 1000 PDT	Registration:	N4776U
Aircraft:	Cessna TU206G	Aircraft Damage:	Substantial
Defining Event:		Injuries:	4 None

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

During the departure roll, as the airplane became airborne, the left main landing gear collided with a large rock on the left side of the pilot's private airstrip. From the cockpit the pilot visually confirmed that the damage seemed to be confined to the left wheel fairing, which was torn off, but could not discern any other damage. The airplane operated normally and the pilot landed without further incident. After landing, the pilot noted that the left tire was flat and the left main landing gear strut was damaged, including the gear box. The pilot stated that accident could have been prevented if he had ensured there were no rocks on the airstrip, and if he had maintained runway centerline. The pilot added that there were no preimpact mechanical malfunctions or failures with the airframe or engine.

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 proper runway alignment and clearance from a large rock on the side of the runway. Contributing to the accident was the failure of the pilot to maintain the runway environment of his private strip clear of obstructions.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. TERRAIN CONDITION - ROCK(S)/BOULDER(S)
2. (F) RUNWAY MAINTENANCE - NOT PERFORMED - PILOT IN COMMAND
3. (C) PROPER ALIGNMENT - NOT MAINTAINED - PILOT IN COMMAND
4. LANDING GEAR, MAIN GEAR - FOREIGN OBJECT DAMAGE

Factual Information

Pilot Information

Certificate:	Private	Age:	67, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3	Last Medical Exam:	12/01/2007
Occupational Pilot:		Last Flight Review or Equivalent:	01/01/2008
Flight Time:	2880 hours (Total, all aircraft), 1200 hours (Total, this make and model), 20 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Cessna	Registration:	N4776U
Model/Series:	TU206G	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	U20605096
Landing Gear Type:	Tricycle	Seats:	
Date/Type of Last Inspection:	12/01/2007, Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2632 Hours	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	TSIO-520
Registered Owner:	On file	Rated Power:	
Operator:	On file	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	GCD	Observation Time:	0950 PDT
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:	
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	Light and Variable	Visibility (RVR):	
Altimeter Setting:		Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Monument, OR	Type of Flight Plan Filed:	None
Destination:	Coeur d'Alene, ID (COE)	Type of Clearance:	VFR Flight Following
Departure Time:	PDT	Type of Airspace:	

Airport Information

Airport:	Private Strip (NONE)	Runway Surface Type:	Grass/turf
Airport Elevation:	3200 ft	Runway Surface Condition:	Dry
Runway Used:	10	IFR Approach:	None
Runway Length/Width:	1500 ft / 20 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	4 None		

Administrative Information

Investigator In Charge (IIC):	Zoë Keliher	Adopted Date:	09/26/2008
Additional Participating Persons:	Charles Robert; Federal Aviation Administration; Spokane, WA		
Publish Date:			
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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