



National Transportation Safety Board Aviation Accident Final Report

Location:	DURANGO, CO	Accident Number:	DEN89LA002
Date & Time:	10/01/1988, 1650 MDT	Registration:	N4732F
Aircraft:	CESSNA TP206B	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PRIVATE PLT WAS PRACTICING LANDINGS IN HIS ACFT. DURING TAKEOFF GROUND RUN, WHILE MAKING A TOUCH AND GO LANDING, THE PLT REPORTED EXPERIENCING VIBRATIONS FROM BOTH MAIN GEAR AND HIS ACFT DEPARTED THE 5,000 X 50 FT RWY TO THE LEFT. THE PLANE TRAVELED 100 YDS, HIT A ROCK, AND NOSED OVER. A WITNESS REPORTED THAT THE ACFT APPEARED TO LAND HARDER THAN NORMAL. THE PLT SAID HE SUSPECTED THE RIGHT MAIN GEAR CAME LOOSE AT THE FUSELAGE ATTACHING POINT AND FORCED THE ACFT TO DEPART THE RWY. A POST ACCIDENT INSPECTION BY AN A & P MECHANIC WITH INSPECTION AUTHORIZATION, REVEALED DAMAGE TYPICAL OF THAT INCURRED DURING A LANDING ACCIDENT.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING

Findings

1. (C) FLARE - MISJUDGED - PILOT IN COMMAND
2. (F) LANDING GEAR,MAIN GEAR ATTACHMENT - OVERLOAD

Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER

Phase of Operation: TAKEOFF

Findings

3. TOUCH-AND-GO - INITIATED
4. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: TAKEOFF

Findings

5. TERRAIN CONDITION - ROUGH/UNEVEN

Occurrence #4: NOSE OVER

Phase of Operation: TAKEOFF

Factual Information

Pilot Information

Certificate:	Private	Age:	75, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	07/20/1987
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1154 hours (Total, all aircraft), 720 hours (Total, this make and model), 1154 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N4732F
Model/Series:	TP206B TP206B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	P-206-0332
Landing Gear Type:	Tricycle	Seats:	6
Date/Type of Last Inspection:	04/01/1988, Annual	Certified Max Gross Wt.:	3600 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2856 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	TSIO-520-C
Registered Owner:	F. W. & BLANCHE BOYLE	Rated Power:	285 hp
Operator:	BOYLE, FRANCIS W.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	75 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	200°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	(5C00)	Type of Flight Plan Filed:	None
Destination:	(5C00)	Type of Clearance:	None
Departure Time:	1600 MDT	Type of Airspace:	Class G

Airport Information

Airport:	ANIMAS AIR PARK (5C00)	Runway Surface Type:	Asphalt
Airport Elevation:	6690 ft	Runway Surface Condition:	Dry
Runway Used:	19	IFR Approach:	None
Runway Length/Width:	5000 ft / 50 ft	VFR Approach/Landing:	Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	ROBERT B COLLINS	Report Date:	11/07/1989
Additional Participating Persons:	BRENT ROBINSON; SALT LAKE CITY, UT		
Publish Date:			
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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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).