



National Transportation Safety Board Aviation Accident Data Summary

Location:	MOAB, UT	Accident Number:	DEN89LA211
Date & Time:	09/01/1989, 1730 MDT	Registration:	N42027
Aircraft:	CESSNA 182L	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLT AND HIS WIFE WERE MAKING A X-COUNTRY FLIGHT. RPRTDLY, WHEN HE LANDED, THE WIND WAS VARIABLE FROM 270 TO 300 DEG AT 10 TO 15 KTS WITH GUSTS TO 20 KTS. THE PLT SAID THAT AT TOUCHDOWN, THE PLANE ENCOUNTERED A WIND GUST AND LANDED HARD. HE SAID HE MADE A GO-AROUND AND LANDED ON RWY 3 WITHOUT FURTHER INCIDENT. AFTER LANDING, HE FOUND A WRINKLE IN THE FUSELAGE AND AN A&P MECHANIC DISCOVERED DAMAGE TO THE FIREWALL. DENSITY ALT WAS ABOUT 7500 FT AT THE ARPT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: INADEQUATE COMPENSATION FOR THE WIND CONDITIONS BY THE PILOT, AND HIS FAILURE TO ATTAIN A FLARE. THE UNFAVORABLE (VARIABLE & GUSTY) WIND CONDITION WAS A RELATED FACTOR.

Findings

Occurrence #1: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. WEATHER CONDITION - HIGH DENSITY ALTITUDE
2. (F) WEATHER CONDITION - UNFAVORABLE WIND
3. (F) WEATHER CONDITION - GUSTS
4. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
5. (C) FLARE - NOT ATTAINED - PILOT IN COMMAND

Pilot Information

Certificate:	Private	Age:	57
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	132 hours (Total, all aircraft), 14 hours (Total, this make and model), 84 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N42027
Model/Series:	182L 182L	Engines:	1 Reciprocating
Operator:	OGDEN AIR SERVICE	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-R
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / 15 knots, Variable
Temperature:	32° C	Visibility	25 Miles
Precipitation and Obscuration:			
Departure Point:	PAGE, AZ (PGA)	Destination:	(CNY)

Airport Information

Airport:	CANYONLANDS (CNY)	Runway Surface Type:	Asphalt
Runway Used:	21	Runway Surface Condition:	Dry
Runway Length/Width:	6000 ft / 75 ft		

Wreckage and Impact Information

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

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	ROBERT B COLLINS	Adopted Date:	07/29/1992
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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