



National Transportation Safety Board Aviation Accident Data Summary

Location:	Lake Wales, FL	Accident Number:	ATL01LA050
Date & Time:	05/02/2001, 1030 EDT	Registration:	N1491S
Aircraft:	Cessna 182P	Injuries:	4 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The airplane was on final approach to land when the pilot experienced a strong crosswind. Upon landing the airplane bounced on the runway, the nose of the airplane impacted the ground and the airplane flipped inverted.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's improper use of flight controls during a bounced landing, and subsequent collision with the ground. A factor of the collision is the rough and uneven terrain.

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) TERRAIN CONDITION - ROUGH/UNEVEN
2. (F) FLIGHT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND

Pilot Information

Certificate:	Airline Transport	Age:	66
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	16500 hours (Total, all aircraft), 100 hours (Total, this make and model), 10000 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N1491S
Model/Series:	182P	Engines:	1 Reciprocating
Operator:	Robert W. Kell	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-S
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:	LAL, 142 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 2500 ft agl	Wind Speed/Gusts, Direction:	14 knots / , 90°
Temperature:	25° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	Ocala, FL (OCF)	Destination:	Chalet Suzane, FL (X25)

Airport Information

Airport:	Lake Wales Chalet Suzane (X25)	Runway Surface Type:	Grass/turf
Runway Used:	36	Runway Surface Condition:	Dry
Runway Length/Width:	2800 ft / 60 ft		

Wreckage and Impact Information

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

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	Phillip Powell	Adopted Date:	08/21/2001
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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