



National Transportation Safety Board Aviation Accident Factual Report

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

On May 2, 2001, at 1030 eastern daylight time, a Cessna C182P, N1491S, flipped over during a crosswind landing on the grass strip at Chalet Suzanne Air Strip, Lake Wales, Florida. The personal flight was conducted by the pilot under provisions of Title 14 CFR Part 91 with an instrument flight plan filed. Visual weather conditions prevailed at the time of the accident. The airplane was substantially damaged. The airline transport pilot and his three passengers were not injured. The flight departed Ocala Regional Airport, in Ocala, Florida, at 1000.

According to the pilot, during a crosswind landing on runway 36 at Chalet Suzanne Air Strip, "while making a normal approach, right after the nose lowered to the ground, the nose either hit a rock or hole. The nose pitched up and down repeatedly. The nose of the plane dug into the turf and the airplane flipped on its back". The airplane came to rest inverted. The pilot stated that the runway was rough and uneven terrain. The pilot and passengers then exited the airplane.

The pilot did not report a mechanical problem with the airplane. Examination of the airplane failed to disclose any mechanical malfunction or component failure. A review of recorded weather data disclosed that, weather conditions at the time of the accident showed winds 090 at 14 knots. According to The Pilot Operating Handbook, the maximum demonstrated crosswind is 15 knots.

Pilot Information

Certificate:	Airline Transport	Age:	66, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	06/21/2000
Occupational Pilot:		Last Flight Review or Equivalent:	11/10/1999
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:	N14915
Model/Series:	182P	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	18265038
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	01/06/2001, Annual	Certified Max Gross Wt.:	2950 lbs
Time Since Last Inspection:	45 Hours	Engines:	1 Reciprocating
Airframe Total Time:	2851 Hours as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	O-470-S
Registered Owner:	Robert W. Kell	Rated Power:	230 hp
Operator:	Robert W. Kell	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	LAL, 142 ft msl	Distance from Accident Site:	
Observation Time:	1030 EDT	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	15 Miles
Lowest Ceiling:	Broken / 2500 ft agl	Visibility (RVR):	
Wind Speed/Gusts:	14 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.06 inches Hg	Temperature/Dew Point:	25° C / 17° C
Precipitation and Obscuration:			
Departure Point:	Ocala, FL (OCF)	Type of Flight Plan Filed:	None
Destination:	Chalet Suzane, FL (X25)	Type of Clearance:	None
Departure Time:	1000 EDT	Type of Airspace:	Class G

Airport Information

Airport:	Lake Wales Chalet Suzane (X25)	Runway Surface Type:	Grass/turf
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	2800 ft / 60 ft	VFR Approach/Landing:	Full Stop

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
Total Injuries:	4 Minor	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Phillip Powell
Additional Participating Persons:	John M Murphy; Orlando FSDO
Investigation Docket:	NTSB accident and incident docket 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/ .