



National Transportation Safety Board Aviation Accident Final Report

Location:	Parkersburg, WV	Accident Number:	ERA10CA253
Date & Time:	05/01/2010, 1130 EDT	Registration:	N935FA
Aircraft:	CESSNA 182T	Aircraft Damage:	Substantial
Defining Event:	Hard landing	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot, while landing following a cross-country flight the airplane touched down and began to bounce. The pilot attempted to recover, but the airplane bounced twice and, when the pilot felt that the airplane was about to stall, he initiated a missed approach. The pilot then flew the traffic pattern and landed again uneventfully. The pilot stated that, while taxiing to the parking ramp, he could not steer the airplane and that the ground guide observed that the nose landing gear tire was flat. An inspection of the airplane performed by a Federal Aviation Administration inspector revealed substantial damage to the lower firewall. The pilot reported that there were no mechanical problems with the airplane. A weather observation taken about the time of the accident recorded the wind as from 260 degrees at 12 knots, gusting to 16 knots.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's loss of aircraft control while landing with a gusting wind.

Findings

Aircraft	Pitch control - Not attained/maintained (Cause)
Personnel issues	Aircraft control - Pilot (Cause)
Environmental issues	Gusts - Effect on operation

Factual Information

History of Flight

Landing-flare/touchdown	Hard landing (Defining event)
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Pilot Information

Certificate:	Private	Age:	54, Male
Airplane Rating(s):	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 3 Without Waivers/Limitations	Last Medical Exam:	04/20/2010
Occupational Pilot:	No	Last Flight Review or Equivalent:	12/28/2009
Flight Time:	267 hours (Total, all aircraft), 8 hours (Total, this make and model), 190 hours (Pilot In Command, all aircraft), 23 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N935FA
Model/Series:	182T	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	18281935
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	02/13/2010, 100 Hour	Certified Max Gross Wt.:	3100 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1158 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	IO-540-AB1A5
Registered Owner:	CAYLIN LLC	Rated Power:	230 hp
Operator:	CAYLIN LLC	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KPKB, 858 ft msl	Observation Time:	1153
Distance from Accident Site:	0 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	24° C / 12° C
Lowest Ceiling:	Broken / 12000 ft agl	Visibility	7 Miles
Wind Speed/Gusts, Direction:	12 knots/ 16 knots, 260°	Visibility (RVR):	
Altimeter Setting:	29.9 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Frederick, MD (KFDK)	Type of Flight Plan Filed:	IFR
Destination:	Parkersburg, WV (PKB)	Type of Clearance:	IFR
Departure Time:	0840 EDT	Type of Airspace:	

Airport Information

Airport:	Mid-Ohio Valley Regional Airpo (PBK)	Runway Surface Type:	Asphalt
Airport Elevation:	858 ft	Runway Surface Condition:	Dry
Runway Used:	21	IFR Approach:	None
Runway Length/Width:	6781 ft / 150 ft	VFR Approach/Landing:	Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None		

Administrative Information

Investigator In Charge (IIC):	Ralph L Wilson	Adopted Date:	04/12/2011
Additional Participating Persons:	Charlie Manola; FAA/FSDO; Charleston, WV		
Publish Date:	04/12/2011		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=75928		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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