



National Transportation Safety Board Aviation Accident Data Summary

Location:	Wachula, FL	Accident Number:	ERA15CA069
Date & Time:	12/02/2014, 1306 EST	Registration:	N933TK
Aircraft:	PIPER PA-46-310P	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

According to the pilot, he flew the traffic pattern to a touchdown zone landing on runway centerline. However, after touching down, the airplane "floated back up," then touched down again "with authority." It bounced again, then "weather vaned some," and the pilot became concerned that the airplane was "chewing up runway." The airplane then touched down a third time, but the pilot did not pull back on the yoke. He subsequently heard the propeller strike the runway, the airplane then veered off the right side of the runway, the nose landing gear collapsed, and the engine mounts broke. The pilot indicated that there were no preexisting mechanical anomalies that would have precluded normal operation. Nearest recorded weather included winds that were about 90 degrees from the right of the runway, at 10, gusting to 15 knots.

Flight Events

Landing-flare/touchdown - Hard landing
Landing-landing roll - Runway excursion

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's improper recovery from a bounced landing during gusty crosswind conditions.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Landing flare-Incorrect use/operation

Personnel issues-Action/decision-Action-Incorrect action performance-Pilot - C

Pilot Information

Certificate:	Private	Age:	53
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	692 hours (Total, all aircraft), 74 hours (Total, this make and model), 556 hours (Pilot In Command, all aircraft), 59 hours (Last 90 days, all aircraft), 38 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	PIPER	Registration:	N933TK
Model/Series:	PA-46-310P	Engines:	1 Reciprocating
Operator:	Jupiter Malibu, LLC	Engine Manufacturer:	CONT MOTOR
Air Carrier Operating Certificate:	None	Engine Model/Series:	TSIO-520 SER
Flight Conducted Under:	Part 91: General Aviation - Business		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	LAL, 142 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 6500 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	10 knots/ 15 knots, 90°
Temperature:	24° C / 20° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Vero Beach, FL (VRB)	Destination:	Wachula, FL (CHN)

Airport Information

Airport:	WAUCHULA MUNI (CHN)	Runway Surface Type:	Asphalt
Runway Used:	36	Runway Surface Condition:	Dry
Runway Length/Width:	4005 ft / 75 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Paul R Cox	Adopted Date:	01/12/2015
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=90451		

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