



Aviation Investigation Final Report

Location:	Chapel Hill, North Carolina	Accident Number:	NYC08CA169
Date & Time:	April 22, 2008, 15:00 Local	Registration:	N345RP
Aircraft:	Piper PA-46-350P	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	4 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported the wind was "gusty and bumpy" during final approach to the destination airport. As the airplane "crossed the numbers" for runway 9, it touched down and "ballooned up" twice, before the pilot added power to avoid a stall. When it touched down again, the nose wheel broke off, and the propeller struck the ground. Examination of the airplane revealed substantial damage to the fuselage and firewall. At the time of the accident, the winds were recorded from 050 degrees at 12 knots, gusting to 19 knots.

Probable Cause and Findings

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

Findings

Environmental issues	Gusts - Not specified
Personnel issues	Incorrect action performance - Pilot

Factual Information

History of Flight

Landing-flare/touchdown	Loss of control in flight (Defining event)
Landing-flare/touchdown	Hard landing

Pilot Information

Certificate:	Commercial; Private	Age:	57, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Without waivers/limitations	Last FAA Medical Exam:	April 1, 2007
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	December 1, 2006
Flight Time:	2291 hours (Total, all aircraft), 652 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N345RP
Model/Series:	PA-46-350P	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	4622096
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	June 1, 2006 Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2721 Hrs as of last inspection	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	TIO-540
Registered Owner:	ANNIE AVIATION INC	Rated Power:	350 Horsepower
Operator:	Ralph Patterson	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	IGX,512 ft msl	Distance from Accident Site:	
Observation Time:	14:56 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Scattered / 2100 ft AGL	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	12 knots / 19 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	50°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.04 inches Hg	Temperature/Dew Point:	19°C / 14°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	LAURENS, SC (34A)	Type of Flight Plan Filed:	None
Destination:	Chapel Hill, NC (IGX)	Type of Clearance:	None
Departure Time:	13:30 Local	Type of Airspace:	

Airport Information

Airport:	Horace Williams Airport IGX	Runway Surface Type:	Asphalt
Airport Elevation:	512 ft msl	Runway Surface Condition:	Dry
Runway Used:	9	IFR Approach:	None
Runway Length/Width:	4005 ft / 75 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	4 None	Latitude, Longitude:	35.935001,-79.065834

Administrative Information

Investigator In Charge (IIC):	Andrews, Jill
Additional Participating Persons:	John Turner; FAA/FSDO; Greensboro, NC
Original Publish Date:	June 30, 2008
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=67882

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