



National Transportation Safety Board Aviation Accident Data Summary

Location:	Asheville, NC	Accident Number:	ERA09CA035
Date & Time:	11/01/2008, 1530 EDT	Registration:	N2055R
Aircraft:	CESSNA 172	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

While conducting touch and go landings during the student pilot's first solo flight, the Cessna 172S hit the runway "hard" and then bounced. The pilot added power, but the airplane "stalled" and the nose of the airplane pitched down, impacting the runway on the nose landing gear. The fuselage and firewall were substantially damaged during landing.

Flight Events

Landing-flare/touchdown - Hard landing

Probable Cause

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

Findings

Personnel issues-Action/decision-Action-Incorrect action performance-Student pilot - C

Student Pilot Information

Certificate:	Student	Age:	42
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	18 hours (Total, all aircraft), 18 hours (Total, this make and model), 18 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N2055R
Model/Series:	172 S	Engines:	1 Reciprocating
Operator:	WNC Aviation	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO360
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KAVL, 2165 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	
Condition of Light:	Day	Wind Speed/Gusts, Direction:	5 knots, 340°
Temperature:	19° C / -2° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Asheville, NC (KAVL)	Destination:	Asheville, NC (KAVL)

Airport Information

Airport:	Asheville Regional Airport (KAVL)	Runway Surface Type:	Asphalt
Runway Used:	34	Runway Surface Condition:	Dry
Runway Length/Width:	8001 ft / 150 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):	Brian C Rayner	Adopted Date:	12/24/2008
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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