



National Transportation Safety Board Aviation Accident Data Summary

Location:	Carlisle, AR	Accident Number:	CEN09CA187
Date & Time:	03/01/2009, 1550 CST	Registration:	N739NP
Aircraft:	CESSNA 172N	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

Following six takeoffs and landings, the flight instructor exited the airplane to allow the student pilot to attempt her first solo flight. During the first solo landing, the airplane landed hard, experienced a bounced landing, and upon recovery the airplane impacted nose-low, deflating the nosewheel, damaging a propeller tip, and resulting in structural damage to the airplane's firewall. The airplane came to rest in an upright position and the student pilot was able to exit unassisted. There were no reported anomalies with the airplane's flight controls.

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

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

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

Student Pilot Information

Certificate:	Student	Age:	50
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	49 hours (Total, all aircraft), 49 hours (Total, this make and model), 28 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:	N739NP
Model/Series:	172N	Engines:	1 Reciprocating
Operator:	CENTRAL FLYING SERVICE INC	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-320 SERIES
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Weather Information Source:	Pilot
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	7 knots, 330°
Temperature:	8° C / -4° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Carlisle, AR (4M3)	Destination:	Carlisle, AR (4M3)

Airport Information

Airport:	Carlisle Municipal Airport (4M3)	Runway Surface Type:	Asphalt
Runway Used:	36	Runway Surface Condition:	Dry
Runway Length/Width:	4494 ft / 60 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):	Timothy LeBaron	Adopted Date:	06/11/2009
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 pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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