



National Transportation Safety Board Aviation Accident Data Summary

Location:	LINCOLN, NE	Accident Number:	CHI00LA197
Date & Time:	07/01/2000, 2000 CDT	Registration:	N6432M
Aircraft:	Cessna 152	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The student pilot was practicing landings solo when the accident occurred. According to a statement by the student pilot, 'When I flared the airplane floated and I relaxed the yoke to level it back with the runway then suddenly plane hit the ground hard and bounced back in the air. That totally got me by surprise. After that plane bounced 2-3 more times and settled back on the runway. After that I heard rattling sounds as plane rolled on the runway.'

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the misjudged flare and the inadequate recovery from the bounced landing performed by the student pilot.

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) FLARE - MISJUDGED - PILOT IN COMMAND
2. (C) RECOVERY FROM BOUNCED LANDING - INADEQUATE - PILOT IN COMMAND

Pilot Information

Certificate:	Student	Age:	25
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	35 hours (Total, all aircraft), 35 hours (Total, this make and model), 7 hours (Pilot In Command, all aircraft), 13 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N6432M
Model/Series:	152 152	Engines:	1 Reciprocating
Operator:	CAPITAL AVIATION	Engine Manufacturer:	Mazda
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235L2C
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	LNK, 1219 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	/ ,
Temperature:	27° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	(LNK)	Destination:	

Airport Information

Airport:	LINCOLN MUNICIPAL AIRPORT (LNK)	Runway Surface Type:	Asphalt
Runway Used:	17L	Runway Surface Condition:	Dry
Runway Length/Width:	5400 ft / 100 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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	JIM SILLIMAN	Adopted Date:	04/06/2001
Investigation Docket:	NTSB accident and incident docket 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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