



National Transportation Safety Board Aviation Accident Data Summary

Location:	Salt Lake City, UT	Accident Number:	DEN05CA018
Date & Time:	11/02/2004, 1040 MST	Registration:	N8504G
Aircraft:	Aircraft Mfg & Dev. Co. (AMD) CH 2000	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

According to the flight instructor, the student "flared high (about 15-20 feet) and the stall horn came on." The student attempted to recover by adding power and lowering the nose; however, the airplane impacted the runway "flat and hard, bouncing into the air," causing substantial damage. The flight instructor took control at this time and landed the airplane.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the dual student's high flare resulting in an inadvertent stall/mush and a hard landing. A factor contributing to the accident was the flight instructor's inadequate supervision.

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) FLARE - HIGH - DUAL STUDENT
2. (F) REMEDIAL ACTION - ATTEMPTED - DUAL STUDENT
3. RECOVERY FROM BOUNCED LANDING - PERFORMED - PILOT IN COMMAND(CFI)
4. (F) SUPERVISION - INADEQUATE - PILOT IN COMMAND(CFI)

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	29
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	1146 hours (Total, all aircraft), 567 hours (Total, this make and model), 1038 hours (Pilot In Command, all aircraft), 104 hours (Last 90 days, all aircraft), 28 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Student Pilot Information

Certificate:	Student	Age:	32
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	11 hours (Total, all aircraft), 11 hours (Total, this make and model), 11 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Aircraft Mfg & Dev. Co. (AMD)	Registration:	N8504G
Model/Series:	CH 2000	Engines:	1 Reciprocating
Operator:	Salt Lake City Community College	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-N15
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:	U42, 4603 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	5 knots / , 150°
Temperature:	16°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	SALT LAKE CITY, UT (SLC)	Destination:	(U42)

Airport Information

Airport:	SALT LAKE CITY MUNI 2 (U42)	Runway Surface Type:	Asphalt
Runway Used:	16	Runway Surface Condition:	Dry
Runway Length/Width:	5860 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	40.620000, -111.993333		

Administrative Information

Investigator In Charge (IIC):	David C Bowling	Adopted Date:	01/24/2005
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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