



National Transportation Safety Board Aviation Accident Factual Report

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	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

On November 2, 2004, at approximately 1040 mountain standard time, an Aircraft Manufacturing and Development CH 2000, N8504G, owned and operated by Salt Lake City Community College, was substantially damaged when it impacted the runway during a hard landing at Salt Lake City Municipal 2 (U42), Salt Lake City, Utah. Visual meteorological conditions prevailed at the time of the accident. The training flight was being conducted under the provisions of Title 14 CFR Part 91 without a flight plan. The student pilot and flight instructor reported no injuries. The local flight originated at Salt Lake City International Airport (SLC), at approximately 0940.

According to the statement provided by 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." The flight instructor took control at this time and landed the airplane. In a statement provided by the student, she "flared the nose a bit late and a bit hard, [and] bounced." During the impact, the nose gear was bent, the firewall wrinkled and the left aileron was jammed. An examination of the airplane systems revealed no anomalies.

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	29, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Rear
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	08/31/2004
Occupational Pilot:		Last Flight Review or Equivalent:	
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, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	08/02/2004
Occupational Pilot:		Last Flight Review or Equivalent:	
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	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Utility	Serial Number:	20-1002
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	09/14/2004, AAIP	Certified Max Gross Wt.:	1692 lbs
Time Since Last Inspection:	45.8 Hours	Engines:	1 Reciprocating
Airframe Total Time:	1474 Hours at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-235-N15
Registered Owner:	Salt Lake City Community College	Rated Power:	115 hp
Operator:	Salt Lake City Community College	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	U42, 4603 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	1055 MST	Direction from Accident Site:	340°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	150°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.27 inches Hg	Temperature/Dew Point:	16° C / 9° C
Precipitation and Obscuration:			
Departure Point:	SALT LAKE CITY, UT (SLC)	Type of Flight Plan Filed:	None
Destination:	(U42)	Type of Clearance:	None
Departure Time:	0940 MST	Type of Airspace:	Class G

Airport Information

Airport:	SALT LAKE CITY MUNI 2 (U42)	Runway Surface Type:	Asphalt
Airport Elevation:	4227 ft	Runway Surface Condition:	Dry
Runway Used:	16	IFR Approach:	None
Runway Length/Width:	5860 ft / 100 ft	VFR Approach/Landing:	Touch and Go

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
Total Injuries:	2 None	Latitude, Longitude:	40.620000, -111.993333

Administrative Information

Investigator In Charge (IIC):	David C Bowling
Additional Participating Persons:	Dennis A Seals; FAA Flight Standards District Office; Salt Lake City, UT
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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .