



National Transportation Safety Board Aviation Accident Data Summary

Location:	AURORA, MO	Accident Number:	CHI93LA108
Date & Time:	03/02/1993, 0945 CST	Registration:	N704RS
Aircraft:	CESSNA 150M	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE SOLO STUDENT PILOT LANDED ON RUNWAY 18. DURING THE LANDING ROLL THE AIRPLANE EXITED THE RUNWAY AND THE NOSE GEAR COLLAPSED. THE NEAREST WEATHER REPORTING STATION, 27 MILES TO THE NORTHEAST OF THE ACCIDENT SITE, REPORTED WINDS OF 140 DEGREES AT 13 KNOTS, EIGHT MINUTES AFTER THE ACCIDENT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT-IN-COMMAND'S FAILURE TO MAINTAIN DIRECTIONAL CONTROL.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (F) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: NOSE GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Student	Age:	
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	56 hours (Total, all aircraft), 56 hours (Total, this make and model), 20 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 Make:	CESSNA	Registration:	N704RS
Model/Series:	150M 150M	Engines:	1 Reciprocating
Operator:	OWENS, WILLIAM L.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-200-A
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:	SGF, 1267 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	13 knots / , 140°
Temperature:	11 °C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	SPRINGDALE, AR (ASG)	Destination:	

Airport Information

Airport:	AURORA MEMORIAL MUNICIPAL (2H2)	Runway Surface Type:	Asphalt
Runway Used:	18	Runway Surface Condition:	Dry
Runway Length/Width:	3002 ft / 49 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):	STEPHEN A WILSON	Adopted Date:	11/03/1993
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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