



# National Transportation Safety Board Aviation Accident Data Summary

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<b>Location:</b>	ODESSA, MO	<b>Accident Number:</b>	CHI99LA082
<b>Date &amp; Time:</b>	02/02/1999, 0900 CST	<b>Registration:</b>	N67568
<b>Aircraft:</b>	Cessna 152	<b>Injuries:</b>	1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

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## Analysis

The instructor pilot was giving the student practice in forced landings when the engine suffered a sustained total loss of power. The instructor attempted to re-start the engine with negative results. He then conducted an actual forced landing in a rough field where the airplane sustained substantial damage. A post accident examination of the engine failed to reveal any mechanical anomalies.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the total loss of engine power for reasons undetermined. Factors were total loss of engine power, the instructor pilot's encounter with unsuitable terrain, and the rough terrain.

## Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - NONMECHANICAL  
Phase of Operation: MANEUVERING

### Findings

1. (F) POWERPLANT - FAILURE, TOTAL
2. (C) REASON FOR OCCURRENCE UNDETERMINED

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Occurrence #2: FORCED LANDING  
Phase of Operation: EMERGENCY DESCENT/LANDING

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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: EMERGENCY LANDING

### Findings

3. (F) TERRAIN CONDITION - ROUGH/UNEVEN
4. (F) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - ENCOUNTERED - PILOT IN COMMAND(CFI)

## Pilot Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	28
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	Airplane Single-engine; Instrument Airplane
<b>Flight Time:</b>	959 hours (Total, all aircraft), 500 hours (Total, this make and model), 880 hours (Pilot In Command, all aircraft), 97 hours (Last 90 days, all aircraft), 28 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N67568
<b>Model/Series:</b>	152 152	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	CENTRAL MISSOURI STATE UNIV	<b>Engine Manufacturer:</b>	Lycoming
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	O-235-L2C
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	DMO, 909 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	10 knots / 17 knots, 300°
<b>Temperature:</b>	2° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	WARRENSBURG, MO (9K4)	<b>Destination:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor, 1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>			

## Administrative Information

<b>Investigator In Charge (IIC):</b>	STEPHEN A WILSON	<b>Adopted Date:</b>	04/18/2001
<b>Investigation Docket:</b>	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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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