



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	HASTINGS, MI	<b>Accident Number:</b>	CHI84LA002
<b>Date &amp; Time:</b>	10/01/1983, 1520	<b>Registration:</b>	N76639
<b>Aircraft:</b>	CESSNA 140	<b>Injuries:</b>	1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Analysis

THE INSTRUCTOR PLT (CFI) KNEW THAT THE ACFT WAS GETTING LOW ON FUEL, BUT HE WANTED THE STUDENT TO MAKE ONE MORE TAKEOFF & LANDING. WHEN THE ACFT WAS CLIMBING THRU ABOUT 200 FT AFTER TAKEOFF, THE ENG BEGAN LOSING POWER. THE CFI ASSUMED CONTROL OF THE ACFT & SWITCHED THE FUEL SELECTOR TO THE LEFT TANK WHICH INDICATED 1/4 FULL. HOWEVER, THE ENG WOULD NOT RESTART. SUBSEQUENTLY, THE ACFT WAS DAMAGED DURING A LANDING ON ROUGH TERRAIN.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

## Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL  
Phase of Operation: TAKEOFF - INITIAL CLIMB

### Findings

1. (C) FLUID,FUEL - STARVATION
2. (C) FUEL SYSTEM - IMPROPER USE OF - DUAL STUDENT
3. (C) SUPERVISION - INADEQUATE - PILOT IN COMMAND(CFI)

Occurrence #2: FORCED LANDING  
Phase of Operation: LANDING

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

### Findings

4. (F) TERRAIN CONDITION - ROUGH/UNEVEN

## Pilot Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	59
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>		<b>Instructor Rating(s):</b>	Airplane Single-engine; Instrument Airplane
<b>Flight Time:</b>	1413 hours (Total, all aircraft), 65 hours (Total, this make and model), 1218 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N76639
<b>Model/Series:</b>	140 140	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	TEEN FLIGHT	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	C-85
<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>	, 0 ft msl	<b>Weather Information Source:</b>	Pilot
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	3 knots / , 230°
<b>Temperature:</b>	22° C	<b>Visibility</b>	7 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	HASTINGS, MI (9D9)	<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>	GEORGE H SEIDLEIN	<b>Adopted Date:</b>	
<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:pubin@ntsb.gov">pubin@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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