



# National Transportation Safety Board Aviation Accident Data Summary

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<b>Location:</b>	CLOVERDALE, IN	<b>Accident Number:</b>	CHI95LA004
<b>Date &amp; Time:</b>	10/01/1994, 0900 CDT	<b>Registration:</b>	N99600
<b>Aircraft:</b>	Ercoupe (Eng & Research Corp.) 415-C	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

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## Analysis

THE STUDENT PILOT REPORTED THE ENGINE LOST POWER DURING A LOCAL FLIGHT AND HE MADE A FORCED LANDING ON ROUGH TERRAIN. POSTACCIDENT INVESTIGATION REVEALED THE RESTRICTOR FITTING ORIFICE ON THE FUEL PUMP WAS COMPLETELY BLOCKED BY CONTAMINATION, OBSTRUCTING THE FLOW OF FUEL TO THE ENGINE. THE MOST RECENT ANNUAL INSPECTION WAS ACCOMPLISHED 3 1/2 MONTHS BEFORE THE ACCIDENT. AUTOMOTIVE FUEL WAS USED IN THE AIRPLANE.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the total loss of engine power due to a blocked orifice in the fuel pump. A related factor is the rough/uneven terrain encountered during the forced landing.

## Findings

Occurrence #1: LOSS OF ENGINE POWER  
Phase of Operation: CRUISE

Findings  
1. (C) FUEL SYSTEM,PUMP - BLOCKED(TOTAL)  
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Occurrence #2: FORCED LANDING  
Phase of Operation: DESCENT - EMERGENCY  
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Occurrence #3: NOSE GEAR COLLAPSED  
Phase of Operation: LANDING - ROLL

Findings  
2. (F) TERRAIN CONDITION - ROUGH/UNEVEN

## Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	60
<b>Airplane Rating(s):</b>	None	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	127 hours (Total, all aircraft), 105 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Ercoupe (Eng & Research Corp.)	<b>Registration:</b>	N99600
<b>Model/Series:</b>	415-C 415-C	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	BLAYDOE, JOHN B.	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	C85-12
<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>	8 knots / 12 knots, 280°
<b>Temperature:</b>	18° C	<b>Visibility</b>	20 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	EMINENCE, IN (NONE)	<b>Destination:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	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>	JODI L REEVES	<b>Adopted Date:</b>	01/25/1995
<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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