



# Aviation Investigation Final Report

<b>Location:</b>	REMINGTON, Indiana	<b>Accident Number:</b>	CHI86LA126
<b>Date &amp; Time:</b>	April 19, 1986, 18:45 Local	<b>Registration:</b>	N76460
<b>Aircraft:</b>	CESSNA 140	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE AIRCRAFT'S ENGINE QUIT AT ABOUT 200 FEET AGL DURING TAKEOFF CLIMB. THE PILOT EXECUTED A FORCED LANDING INTO A PLOWED FIELD AND THE AIRCRAFT NOSED OVER. THE PILOT STATED THAT HE BELIEVED THE FUEL SELECTOR WAS IN THE INCORRECT POSITION. EXAMINATION REVEALED THE FUEL SELECTOR WAS NOT CESSNA ORIGINAL EQUIPMT & IT WAS INSTALLED 90 DEGREES OUT OF POSITION. THE CARPETING OVR THE SELECTOR HAD BEEN REMOVED BY THE PILOT WHICH REQUIRED REMOVAL OF THE FUEL SELECTOR HANDLE.

## Probable Cause and Findings

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) FUEL SYSTEM,SELECTOR/VALVE - FALSE INDICATION
2. (C) FUEL SYSTEM - STARVATION
3. (C) MAINTENANCE,ALIGNMENT - IMPROPER - PILOT IN COMMAND

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

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Occurrence #3: NOSE OVER  
Phase of Operation: LANDING - ROLL

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	35, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	None Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	October 2, 1985
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	642 hours (Total, all aircraft), 168 hours (Total, this make and model), 560 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N76460
<b>Model/Series:</b>	140 140	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	24080-6-12
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	November 20, 1985 Annual	<b>Certified Max Gross Wt.:</b>	1500 lbs
<b>Time Since Last Inspection:</b>	1 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	C-85-12
<b>Registered Owner:</b>	JACK M. WEALING	<b>Rated Power:</b>	85 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	15 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	10 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	210°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	18°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>		<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	RENSELAER, IN	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	18:45 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	WEALING IN38	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>	775 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	27	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2600 ft / 60 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	40.760124,-87.150238(est)

## Administrative Information

**Investigator In Charge (IIC):** Dinwiddie, C

**Additional Participating Persons:** HOLLY W GEIGER; INDIANAPOLIS , IN  
ERNEST J DAVIS; INDIANAPOLIS , IN

**Original Publish Date:**

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=13449>

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