



# Aviation Investigation Final Report

<b>Location:</b>	ST. IGNACE, Michigan	<b>Accident Number:</b>	CHI86LA070
<b>Date &amp; Time:</b>	January 20, 1986, 08:00 Local	<b>Registration:</b>	N1573F
<b>Aircraft:</b>	CESSNA 185	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	4 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PILOT STATED THAT AFTER THE APPLICATION OF FULL POWER FOR TAKEOFF HIS SEAT SLID BACK TO ITS FULL AFT POSITION. HE COULD NOT REACH ANY OF THE CONTROLS. HE THEN UNFASTENED HIS SEAT BELT AND LUNGED FORWARD TO PULL THE POWER OFF. AT THIS TIME THE RIGHT WING HIT A SNOWBANK AND SUSTAINED SUBSTANTIAL DAMAGE. LATER, THE PILOT COULD NOT DETERMINE WHETHER THE SEAT TRACK OR THE RETAINING PIN WAS WORN.

## Probable Cause and Findings

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

### Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION  
Phase of Operation: TAKEOFF - ROLL/RUN

#### Findings

1. (F) FUSELAGE,SEAT - WORN
  2. (C) MAINTENANCE,REPLACEMENT - NOT PERFORMED - COMPANY/OPERATOR MANAGEMENT
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Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER  
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

3. (F) REMEDIAL ACTION - NOT POSSIBLE - PILOT IN COMMAND

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Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: TAKEOFF - ROLL/RUN

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	32, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea	<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>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	September 5, 1985
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	361 hours (Total, all aircraft), 179 hours (Total, this make and model), 270 hours (Pilot In Command, all aircraft), 51 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N1573F
<b>Model/Series:</b>	185 185	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	185-0949
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	July 16, 1985 100 hour	<b>Certified Max Gross Wt.:</b>	3200 lbs
<b>Time Since Last Inspection:</b>	107 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1547 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	I0-470-F
<b>Registered Owner:</b>	BARRY L. BEDOUR	<b>Rated Power:</b>	260 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>	BEDOUR CONSTRUCTION COMPANY	<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>	Unknown	<b>Visibility</b>	15 miles
<b>Lowest Ceiling:</b>	Overcast / 2500 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	0°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	-1°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>	MACKINAC ISL , MI (Y84 )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	08:00 Local	<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	MACKINAC COUNTY 83D	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	623 ft msl	<b>Runway Surface Condition:</b>	Ice
<b>Runway Used:</b>	7	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	3200 ft / 50 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>	3 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	4 None	<b>Latitude, Longitude:</b>	45.859085,-84.720588(est)

## Administrative Information

**Investigator In Charge (IIC):** Benzon, Robert

**Additional Participating Persons:** N GARY; GRAND RAPIDS , MI

**Original Publish Date:**

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.ntsb.gov/Docket?ProjectID=13411>

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