



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	MEDINA, OH	<b>Accident Number:</b>	CHI83FA050
<b>Date &amp; Time:</b>	12/01/1982, 1725 EST	<b>Registration:</b>	N29528
<b>Aircraft:</b>	CESSNA 177	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Fatal
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

AT ABOUT 1430 EST, THE PILOT TOOK OFF FROM FREEDOM FIELD, MEDINA, OH IN VFR CONDITIONS. WHEN HE RETURNED ABOUT 3 HRS LATER AT DUSK, THE WEATHER WAS ESTIMATED TO BE: 400 FT OVERCAST, 3/4 MI VISIBILITY WITH FOG. A FLIGHT INSTRUCTOR HEARD THE PLANE FLY OVER THE AIRPORT JUST PRIOR TO THE ACCIDENT. HE HEARD A CONTINUOUS SOUND FROM THE ENGINE UNTIL THE PLANE CRASHED ABOUT 3/4 MI EAST OF THE AIRPORT IN A WOODED AREA. INITIAL IMPACT OCCURRED WITH TREES AT ABOUT 60 FT AGL WHILE ON A HEADING OF APRX 220 DEG. THE AIRCRAFT REMAINED AIRBORNE FOR ABOUT ANOTHER 100 FT WHERE IT STRUCK ANOTHER TREE AND THE RIGHT WING SEPARATED. THE MAIN WRECKAGE CAME TO REST 458 FT FROM THE INITIAL IMPACT POINT. NO EVIDENCE WAS FOUND OF A WEATHER BRIEFING PRIOR TO THE FLIGHT.

## Probable Cause and Findings

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

## Findings

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Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER

Phase of Operation: APPROACH

### Findings

1. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND
2. (F) WEATHER CONDITION - LOW CEILING
3. (F) WEATHER CONDITION - FOG
4. (C) VFR FLIGHT INTO IMC - CONTINUED - PILOT IN COMMAND
5. (F) LACK OF TOTAL INSTRUMENT TIME - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: APPROACH

### Findings

6. (F) LIGHT CONDITION - DUSK
7. (F) OBJECT - TREE(S)

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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	53, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>		<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>	
<b>Medical Certification:</b>	Class 3 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	06/17/1981
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	102 hours (Total, all aircraft), 89 hours (Total, this make and model), 54 hours (Pilot In Command, all aircraft), 23 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>	N29528
<b>Model/Series:</b>	177 177	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	17700943
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	2350 lbs
<b>Time Since Last Inspection:</b>	71 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1654 Hours	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	O-320-E2D
<b>Registered Owner:</b>	LEONARD W. JOHNSON	<b>Rated Power:</b>	150 hp
<b>Operator:</b>	LEONARD W. JOHNSON	<b>Operating Certificate(s) Held:</b>	

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	CAK, 0 ft msl	Distance from Accident Site:	30 Nautical Miles
Observation Time:	1742	Direction from Accident Site:	90°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	0 Miles
Lowest Ceiling:	Overcast / 400 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	190°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	57° C / 0° C
Precipitation and Obscuration:			
Departure Point:	MEDINA, OH (FDM)	Type of Flight Plan Filed:	None
Destination:	MEDINA, OH (FDM)	Type of Clearance:	None
Departure Time:	1430	Type of Airspace:	

## Airport Information

Airport:	FREEDOM FIELD (FDM)	Runway Surface Type:	Macadam
Airport Elevation:	0 ft	Runway Surface Condition:	
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	2860 ft / 50 ft	VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	Report Date:	12/01/1983
Additional Participating Persons:		
Publish Date:		
Investigation Docket:	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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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).