



National Transportation Safety Board Aviation Accident Factual Report

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|--------------------------------|--------------------------------------|-------------------------|--------------------|
| Location: | PINE CITY, MN | Accident Number: | CHI90FA252 |
| Date & Time: | 09/02/1990, 1217 CDT | Registration: | N733CH |
| Aircraft: | CESSNA 172N | Aircraft Damage: | Destroyed |
| Defining Event: | | Injuries: | 1 Fatal, 2 Serious |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

Pilot Information

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|----------------------------------|---|--|----------------------------|
| Certificate: | Private | Age: | 20, Male |
| Airplane Rating(s): | Single-engine Land | Seat Occupied: | Left |
| Other Aircraft Rating(s): | None | Restraint Used: | Seatbelt, Shoulder harness |
| Instrument Rating(s): | None | Second Pilot Present: | No |
| Instructor Rating(s): | None | Toxicology Performed: | Yes |
| Medical Certification: | Class 3 Valid Medical--no waivers/lim. | Last FAA Medical Exam: | 09/15/1989 |
| Occupational Pilot: | | Last Flight Review or Equivalent: | |
| Flight Time: | 105 hours (Total, all aircraft), 3 hours (Total, this make and model), 45 hours (Pilot In Command, all aircraft), 49 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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|-------------------------------|--|--------------------------------|-----------------|
| Aircraft Make: | CESSNA | Registration: | N733CH |
| Model/Series: | 172N 172N | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | Normal | Serial Number: | 17268187 |
| Landing Gear Type: | Tricycle | Seats: | 4 |
| Date/Type of Last Inspection: | 08/12/1990, 100 Hour | Certified Max Gross Wt.: | 2300 lbs |
| Time Since Last Inspection: | 81 Hours | Engines: | 1 Reciprocating |
| Airframe Total Time: | 8544 Hours | Engine Manufacturer: | LYCOMING |
| ELT: | Installed, activated, did not aid in locating accident | Engine Model/Series: | O-320-H2AD |
| Registered Owner: | HAMMOND ENTERPRISES, INC. | Rated Power: | 160 hp |
| Operator: | AERO CENTER ONE | Operating Certificate(s) Held: | None |
| Operator Does Business As: | | Operator Designator Code: | ACWA |

Meteorological Information and Flight Plan

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|----------------------------------|-------------------|--------------------------------------|-------------------|
| Conditions at Accident Site: | Visual Conditions | Condition of Light: | Day |
| Observation Facility, Elevation: | STC, 1024 ft msl | Distance from Accident Site: | 49 Nautical Miles |
| Observation Time: | 1152 CDT | Direction from Accident Site: | 240° |
| Lowest Cloud Condition: | Clear / 0 ft agl | Visibility | 15 Miles |
| Lowest Ceiling: | None / 0 ft agl | Visibility (RVR): | 0 ft |
| Wind Speed/Gusts: | 6 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 100° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30 inches Hg | Temperature/Dew Point: | 25° C / 15° C |
| Precipitation and Obscuration: | | | |
| Departure Point: | (90D) | Type of Flight Plan Filed: | None |
| Destination: | MORA, MN (19D) | Type of Clearance: | None |
| Departure Time: | 1216 CDT | Type of Airspace: | Class G |

Airport Information

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|----------------------|----------------------|---------------------------|----------------|
| Airport: | PINE CITY MUNI (90D) | Runway Surface Type: | Grass/turf |
| Airport Elevation: | 971 ft | Runway Surface Condition: | Dry |
| Runway Used: | 35 | IFR Approach: | None |
| Runway Length/Width: | 2600 ft / 200 ft | VFR Approach/Landing: | Forced Landing |

Wreckage and Impact Information

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|----------------------------|--------------------|-----------------------------|-----------|
| Crew Injuries: | 1 Serious | Aircraft Damage: | Destroyed |
| Passenger Injuries: | 1 Fatal, 1 Serious | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 1 Fatal, 2 Serious | Latitude, Longitude: | |

Administrative Information

Investigator In Charge (IIC): JOHN R VALLASTER

Additional Participating Persons:

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 pubinq@ntsb.gov, or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.