



# National Transportation Safety Board Aviation Accident Factual Report

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|                                |                                      |                         |            |
|--------------------------------|--------------------------------------|-------------------------|------------|
| <b>Location:</b>               | MANISTIQUE, MI                       | <b>Accident Number:</b> | CHI90LA001 |
| <b>Date &amp; Time:</b>        | 10/01/1989, 1108 EDT                 | <b>Registration:</b>    | N102AT     |
| <b>Aircraft:</b>               | CESSNA 177                           | <b>Aircraft Damage:</b> | Destroyed  |
| <b>Defining Event:</b>         |                                      | <b>Injuries:</b>        | 4 Minor    |
| <b>Flight Conducted Under:</b> | Part 91: General Aviation - Personal |                         |            |

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## Pilot Information

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|                                  |  |  |            |
|----------------------------------|--|--|------------|
| <b>Certificate:</b>              | Private  | <b>Age:</b>                              | 52, 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>                   | Seatbelt   |
| <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--w/<br>waivers/lim.  | <b>Last FAA Medical Exam:</b>            | 09/26/1988 |
| <b>Occupational Pilot:</b>       |  | <b>Last Flight Review or Equivalent:</b> |            |
| <b>Flight Time:</b>              | 276 hours (Total, all aircraft), 10 hours (Total, this make and model), 89 hours (Pilot In Command, all aircraft), 8 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft) |  |            |

## Aircraft and Owner/Operator Information

|                               |  |                                |                 |
|-------------------------------|--|--------------------------------|-----------------|
| Aircraft Make:                | CESSNA   | Registration:                  | N102AT          |
| Model/Series:                 | 177 177  | Aircraft Category:             | Airplane        |
| Year of Manufacture:          |  | Amateur Built:                 | No              |
| Airworthiness Certificate:    | Normal   | Serial Number:                 | 17701283        |
| Landing Gear Type:            | Tricycle   | Seats:                         | 4               |
| Date/Type of Last Inspection: | 12/22/1988, Annual                                     | Certified Max Gross Wt.:       | 2500 lbs        |
| Time Since Last Inspection:   | 65 Hours   | Engines:                       | 1 Reciprocating |
| Airframe Total Time:          | 2873 Hours   | Engine Manufacturer:           | LYCOMING        |
| ELT:                          | Installed, activated, did not aid in locating accident | Engine Model/Series:           | O-360-A1F       |
| Registered Owner:             | KODIAK FLYING CLUB                                     | Rated Power:                   | 180 hp          |
| Operator:                     | KODIAK FLYING CLUB                                     | Operating Certificate(s) Held: | None            |

## Meteorological Information and Flight Plan

|                                  |                    |                                      |                  |
|----------------------------------|--------------------|--------------------------------------|------------------|
| Conditions at Accident Site:     | Visual Conditions  | Condition of Light:                  | Day              |
| Observation Facility, Elevation: | ISQ, 684 ft msl    | Distance from Accident Site:         | 1 Nautical Miles |
| Observation Time:                | 1108 EDT           | Direction from Accident Site:        | 0°               |
| Lowest Cloud Condition:          | Clear / 0 ft agl   | Visibility                           | 7 Miles          |
| Lowest Ceiling:                  | None / 0 ft agl    | Visibility (RVR):                    | 0 ft             |
| Wind Speed/Gusts:                | 8 knots /          | Turbulence Type Forecast/Actual:     | /                |
| Wind Direction:                  | 180°               | Turbulence Severity Forecast/Actual: | /                |
| Altimeter Setting:               |                    | Temperature/Dew Point:               |                  |
| Precipitation and Obscuration:   |                    |                                      |                  |
| Departure Point:                 | GREYLING, MI (GYG) | Type of Flight Plan Filed:           | None             |
| Destination:                     |                    | Type of Clearance:                   | None             |
| Departure Time:                  | 0955 EDT           | Type of Airspace:                    | Class G          |

## Airport Information

|                      |                          |                           |                            |
|----------------------|--------------------------|---------------------------|----------------------------|
| Airport:             | SCHOOLCRAFT COUNTY (ISQ) | Runway Surface Type:      | Asphalt                    |
| Airport Elevation:   | 684 ft                   | Runway Surface Condition: | Dry                        |
| Runway Used:         | 19                       | IFR Approach:             | None                       |
| Runway Length/Width: | 2500 ft / 50 ft          | VFR Approach/Landing:     | Go Around; Traffic Pattern |

## Wreckage and Impact Information

|                     |         |                      |           |
|---------------------|---------|----------------------|-----------|
| Crew Injuries:      | 1 Minor | Aircraft Damage:     | Destroyed |
| Passenger Injuries: | 3 Minor | Aircraft Fire:       | None      |
| Ground Injuries:    | N/A     | Aircraft Explosion:  | None      |
| Total Injuries:     | 4 Minor | Latitude, Longitude: |           |

## Administrative Information

Investigator In Charge (IIC): WILLIAM C BRUCE

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