



National Transportation Safety Board Aviation Accident Factual Report

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|--------------------------------|--------------------------------------|-------------------------|-------------|
| Location: | RED LODGE, MT | Accident Number: | DEN86LA087 |
| Date & Time: | 03/01/1986, 1145 MST | Registration: | N1503E |
| Aircraft: | AERONCA 7AC | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 2 None |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

Pilot Information

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|----------------------------------|--|--|----------------------------|
| Certificate: | Private | Age: | 26, Male |
| Airplane Rating(s): | Single-engine Land | Seat Occupied: | Unknown |
| Other Aircraft Rating(s): | None | Restraint Used: | Seatbelt, Shoulder harness |
| Instrument Rating(s): | None | Second Pilot Present: | No |
| Instructor Rating(s): | None | Toxicology Performed: | No |
| Medical Certification: | Class 2 Valid Medical--no waivers/lim. | Last FAA Medical Exam: | 01/30/1986 |
| Occupational Pilot: | | Last Flight Review or Equivalent: | |
| Flight Time: | 350 hours (Total, all aircraft), 250 hours (Total, this make and model), 300 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 19 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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|-------------------------------|--------------------------|--------------------------------|-----------------|
| Aircraft Make: | AERONCA | Registration: | N1503E |
| Model/Series: | 7AC 7AC | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | Normal | Serial Number: | 7AC-5066 |
| Landing Gear Type: | Tailwheel | Seats: | 2 |
| Date/Type of Last Inspection: | 07/13/1985, Annual | Certified Max Gross Wt.: | 1220 lbs |
| Time Since Last Inspection: | 75 Hours | Engines: | 1 Reciprocating |
| Airframe Total Time: | 2280 Hours | Engine Manufacturer: | CONTINENTAL |
| ELT: | Installed, not activated | Engine Model/Series: | C-85-12 |
| Registered Owner: | BRAD R. VAN TINE | Rated Power: | 85 hp |
| Operator: | BRAD R. VAN TINE | Operating Certificate(s) Held: | None |

Meteorological Information and Flight Plan

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| Conditions at Accident Site: | Visual Conditions | Condition of Light: | Day |
| Observation Facility, Elevation: | BIL, 3606 ft msl | Distance from Accident Site: | 46 Nautical Miles |
| Observation Time: | 1151 MST | Direction from Accident Site: | 31° |
| Lowest Cloud Condition: | Scattered / 1200 ft agl | Visibility | 70 Miles |
| Lowest Ceiling: | Broken / 25000 ft agl | Visibility (RVR): | 0 ft |
| Wind Speed/Gusts: | 8 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 220° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30 inches Hg | Temperature/Dew Point: | 15°C / -1°C |
| Precipitation and Obscuration: | | | |
| Departure Point: | COLUMBUS, MT (6S3) | Type of Flight Plan Filed: | None |
| Destination: | | Type of Clearance: | None |
| Departure Time: | 1030 MST | Type of Airspace: | Class D |

Airport Information

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|----------------------|-----------------|---------------------------|-----------------|
| Airport: | RED LODGE (47S) | Runway Surface Type: | Asphalt |
| Airport Elevation: | 5768 ft | Runway Surface Condition: | Dry |
| Runway Used: | 16 | IFR Approach: | None |
| Runway Length/Width: | 4000 ft / 75 ft | VFR Approach/Landing: | Traffic Pattern |

Wreckage and Impact Information

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

Administrative Information

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| Investigator In Charge (IIC): | PRENTISS E MANGUM |
| Additional Participating Persons: | AL RISE; HELENA, MT |
| Investigation Docket: | NTSB accident and incident docket 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/ . |