



National Transportation Safety Board Aviation Accident Factual Report

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| Location: | NEW BRAUNFELS, TX | Accident Number: | FTW84LA217 |
| Date & Time: | 05/02/1984, 1130 CST | Registration: | N5063G |
| Aircraft: | HUGHES 500D | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 1 None |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

Pilot Information

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|----------------------------------|--|--|----------------------------|
| Certificate: | Airline Transport; Commercial | Age: | 44, Male |
| Airplane Rating(s): | Multi-engine Land; Single-engine Land | Seat Occupied: | Left |
| Other Aircraft Rating(s): | Helicopter | Restraint Used: | Seatbelt, Shoulder harness |
| Instrument Rating(s): | Airplane | Second Pilot Present: | No |
| Instructor Rating(s): | Airplane Multi-engine | Toxicology Performed: | No |
| Medical Certification: | None Valid Medical--w/ waivers/lim. | Last FAA Medical Exam: | 04/05/1984 |
| Occupational Pilot: | | Last Flight Review or Equivalent: | |
| Flight Time: | 15120 hours (Total, all aircraft), 120 hours (Total, this make and model), 120 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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|-------------------------------|------------------------|--------------------------------|---------------|
| Aircraft Make: | HUGHES | Registration: | N5063G |
| Model/Series: | 500D 500D | Aircraft Category: | Helicopter |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | Normal | Serial Number: | 711021D |
| Landing Gear Type: | Retractable - Tricycle | Seats: | 5 |
| Date/Type of Last Inspection: | 04/01/1984, Annual | Certified Max Gross Wt.: | 3000 lbs |
| Time Since Last Inspection: | 35 Hours | Engines: | 1 Turbo Shaft |
| Airframe Total Time: | 835 Hours | Engine Manufacturer: | ALLISON |
| ELT: | Not installed | Engine Model/Series: | 250-C20B |
| Registered Owner: | JOE R. BROWN | Rated Power: | 375 hp |
| Operator: | JOE R. BROWN | Operating Certificate(s) Held: | None |

Meteorological Information and Flight Plan

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|----------------------------------|-------------------------|--------------------------------------|-------------------|
| Conditions at Accident Site: | Instrument Conditions | Condition of Light: | Day |
| Observation Facility, Elevation: | SAT, 810 ft msl | Distance from Accident Site: | 20 Nautical Miles |
| Observation Time: | 1053 CST | Direction from Accident Site: | 244° |
| Lowest Cloud Condition: | Unknown / 0 ft agl | Visibility | 0 Miles |
| Lowest Ceiling: | Overcast / 800 ft agl | Visibility (RVR): | 0 ft |
| Wind Speed/Gusts: | 4 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 200° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 29 inches Hg | Temperature/Dew Point: | 23° C / 21° C |
| Precipitation and Obscuration: | | | |
| Departure Point: | KERRVILLE, TX | Type of Flight Plan Filed: | None |
| Destination: | NEW BRAUNFELS, TX (3R5) | Type of Clearance: | None |
| Departure Time: | 1000 CST | Type of Airspace: | Class G |

Wreckage and Impact Information

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

Administrative Information

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| Investigator In Charge (IIC): | T D MCFALL |
| Additional Participating Persons: | RAYMOND MORANTES; SAN ANTONIO, TX WARREN V WANDEL; FORT WORTH, TX |
| 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/ . |