



National Transportation Safety Board Aviation Accident Factual Report

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|-------------------------|----------------------|-------------------------|-----------------|
| Location: | Burnett, TX | Accident Number: | DFW06CA174 |
| Date & Time: | 07/01/2006, 0850 CDT | Registration: | N7943G |
| Aircraft: | Cessna 172L | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 1 Minor, 2 None |

Flight Conducted Under: Part 91: General Aviation - Instructional

The 20,000-hour flight instructor reported that while on an instructional flight at about 700 feet above ground level (AGL), he reduced the engine power to idle, applied carburetor heat, and asked the student pilot to perform a simulated forced landing. The student pilot elected to land in a nearby field on a southerly heading. The flight instructor added that the field was adequate for the emergency landing; however, it would require the use of full flaps to make the approach. At approximately 150 feet above ground level (AGL), the student pilot applied partial power and began retracting the electric flaps. According to the flight instructor's statement, he increased the throttle to full power and slightly lowered the airplane's nose high attitude. However, the airplane continued to lose altitude and then stalled just before entering the trees. There was no fire and all three occupants were able to egress from the airplane unassisted.

Flight Instructor Information

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| Certificate: | Airline Transport; Flight Instructor; Commercial | Age: | 76, Male |
| Airplane Rating(s): | Multi-engine Land; Single-engine Land | Seat Occupied: | Right |
| Other Aircraft Rating(s): | None | Restraint Used: | |
| Instrument Rating(s): | Airplane | Second Pilot Present: | No |
| Instructor Rating(s): | Airplane Multi-engine; Airplane Single-engine; Instrument Airplane | Toxicology Performed: | No |
| Medical Certification: | Class 3 | Last FAA Medical Exam: | 10/01/2005 |
| Occupational Pilot: | | Last Flight Review or Equivalent: | |
| Flight Time: | 20000 hours (Total, all aircraft), 2500 hours (Total, this make and model) | | |

Aircraft and Owner/Operator Information

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|-------------------------------|------------------------|--------------------------------|-----------------|
| Aircraft Make: | Cessna | Registration: | N7943G |
| Model/Series: | 172L | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | Normal; Utility | Serial Number: | 17259643 |
| Landing Gear Type: | Tricycle | Seats: | 4 |
| Date/Type of Last Inspection: | | Certified Max Gross Wt.: | |
| Time Since Last Inspection: | | Engines: | 1 Reciprocating |
| Airframe Total Time: | | Engine Manufacturer: | Lycoming |
| ELT: | | Engine Model/Series: | O-320 |
| Registered Owner: | Faulkners Air Shop Inc | Rated Power: | |
| Operator: | Faulkners Air Shop Inc | 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: | KBMQ, 1284 ft msl | Distance from Accident Site: | |
| Observation Time: | 0853 CDT | Direction from Accident Site: | |
| Lowest Cloud Condition: | Clear | Visibility | 10 Miles |
| Lowest Ceiling: | None | Visibility (RVR): | |
| Wind Speed/Gusts: | 6 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 190° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30.09 inches Hg | Temperature/Dew Point: | 28° C / 19° C |
| Precipitation and Obscuration: | No Precipitation | | |
| Departure Point: | Burnett, TX (KBMQ) | Type of Flight Plan Filed: | None |
| Destination: | Burnet, TX (KBMQ) | Type of Clearance: | Unknown |
| Departure Time: | 0800 CDT | Type of Airspace: | |

Airport Information

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|----------------------|---------------------------------|---------------------------|--------------------------|
| Airport: | Burnet Municipal Airport (KBMQ) | Runway Surface Type: | Asphalt |
| Airport Elevation: | 1284 ft | Runway Surface Condition: | |
| Runway Used: | 19 | IFR Approach: | None |
| Runway Length/Width: | 5000 ft / 75 ft | VFR Approach/Landing: | Simulated Forced Landing |

Wreckage and Impact Information

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|----------------------------|-----------------|-----------------------------|-----------------------|
| Crew Injuries: | 1 Minor, 1 None | Aircraft Damage: | Substantial |
| Passenger Injuries: | 1 None | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 1 Minor, 2 None | Latitude, Longitude: | 30.738889, -98.238333 |

Administrative Information

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| Investigator In Charge (IIC): | Leah D Yeager |
| Additional Participating Persons: | Frank Fortmann; San Antonio, Texas |
| Note: | This accident report documents the factual circumstances of this accident as described to the NTSB. |
| 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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ . |