



National Transportation Safety Board Aviation Accident Factual Report

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|-------------------------|----------------------|-------------------------|-------------|
| Location: | Prescott, AZ | Accident Number: | LAX07CA101 |
| Date & Time: | 03/03/2007, 1630 MST | Registration: | N526ER |
| Aircraft: | CESSNA 172S | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 2 None |

Flight Conducted Under: Part 91: General Aviation - Instructional

On March 3, 2007, about 1630 mountain standard time, a Cessna, 172S, N526ER, veered off of the runway and collided with a ditch at Ernest A. Love Field Airport (PRC), Prescott, Arizona. Embry-Riddle Aeronautical University was operating the airplane under the provisions of 14 CFR Part 91. The certified flight instructor (CFI) pilot and the student pilot were not injured; the airplane sustained substantial damage. The local area instructional flight departed Prescott about 1550. Visual meteorological conditions prevailed, and a company visual flight rules (VFR) flight plan had been filed. The approximate global positioning system (GPS) coordinates of the primary wreckage were 34 degrees 39 minutes north latitude and 112 degrees 25 minutes west longitude.

The CFI stated in a written report that during the landing rollout on runway 03R, the airplane started to veer off to the right side of the runway. The CFI allowed the 3-hour student to attempt to correct the airplane's track back to runway centerline, until he had to take the controls from the student. The student kept his feet on the brakes in an attempt to help the instructor slow the airplane.

The airplane departed off the right side of the runway, and continued for about 200 feet until it impacted a ditch. The left wing and firewall were damaged.

The CFI stated that the airplane and engine had no mechanical failures or malfunctions during the flight.

Flight Instructor Information

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| Certificate: | Flight Instructor; Commercial | Age: | 22, Male |
| Airplane Rating(s): | Multi-engine Land; Single-engine Land | Seat Occupied: | Right |
| Other Aircraft Rating(s): | None | Restraint Used: | Seatbelt, Shoulder harness |
| Instrument Rating(s): | Airplane | Second Pilot Present: | Yes |
| Instructor Rating(s): | Airplane Single-engine; Instrument Airplane | Toxicology Performed: | No |
| Medical Certification: | Class 1 | Last FAA Medical Exam: | 09/01/2006 |
| Occupational Pilot: | Yes | Last Flight Review or Equivalent: | 03/01/2005 |
| Flight Time: | 498 hours (Total, all aircraft), 400 hours (Total, this make and model), 437 hours (Pilot In Command, all aircraft), 43 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft) | | |

Student Pilot Information

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|----------------------------------|--|--|----------------------------|
| Certificate: | Student | Age: | 18, Male |
| Airplane Rating(s): | None | Seat Occupied: | Left |
| Other Aircraft Rating(s): | None | Restraint Used: | Seatbelt, Shoulder harness |
| Instrument Rating(s): | None | Second Pilot Present: | Yes |
| Instructor Rating(s): | None | Toxicology Performed: | No |
| Medical Certification: | Class 2 | Last FAA Medical Exam: | 07/01/2006 |
| Occupational Pilot: | No | Last Flight Review or Equivalent: | 03/01/2005 |
| Flight Time: | 3 hours (Total, all aircraft), 3 hours (Total, this make and model), 3 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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|-------------------------------|---|--------------------------------|-----------------|
| Aircraft Make: | CESSNA | Registration: | N526ER |
| Model/Series: | 172S | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | Normal; Utility | Serial Number: | 172S9110 |
| Landing Gear Type: | Tricycle | Seats: | 4 |
| Date/Type of Last Inspection: | 02/01/2007, Continuous Airworthiness | Certified Max Gross Wt.: | 2558 lbs |
| Time Since Last Inspection: | | Engines: | 1 Reciprocating |
| Airframe Total Time: | 3596 Hours as of last inspection | Engine Manufacturer: | Lycoming |
| ELT: | Installed, not activated | Engine Model/Series: | IO-360-L2A |
| Registered Owner: | GE Aircraft, LLC | Rated Power: | 180 hp |
| Operator: | EMBRY-RIDDLE AERONAUTICAL UNIVERSITY - PRESCOTT | Operating Certificate(s) Held: | None |
| Operator Does Business As: | | Operator Designator Code: | BF8S |

Meteorological Information and Flight Plan

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| Conditions at Accident Site: | Visual Conditions | Condition of Light: | Day |
| Observation Facility, Elevation: | PRC, 5045 ft msl | Distance from Accident Site: | |
| Observation Time: | 1453 MST | Direction from Accident Site: | |
| Lowest Cloud Condition: | Clear | Visibility | 10 Miles |
| Lowest Ceiling: | None | Visibility (RVR): | |
| Wind Speed/Gusts: | 5 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 30° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30.29 inches Hg | Temperature/Dew Point: | 9°C / -26°C |
| Precipitation and Obscuration: | No Obscuration; No Precipitation | | |
| Departure Point: | Prescott, AZ | Type of Flight Plan Filed: | Company VFR |
| Destination: | Prescott, AZ | Type of Clearance: | VFR |
| Departure Time: | | Type of Airspace: | |

Airport Information

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|----------------------|----------------------------|---------------------------|----------------------------|
| Airport: | ERNEST A. LOVE FIELD (PRC) | Runway Surface Type: | Asphalt |
| Airport Elevation: | 5045 ft | Runway Surface Condition: | Dry |
| Runway Used: | 03L | IFR Approach: | None |
| Runway Length/Width: | 4846 ft / 60 ft | VFR Approach/Landing: | Full Stop; Traffic Pattern |

Wreckage and Impact Information

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|----------------------------|--------|-----------------------------|------------------------|
| Crew Injuries: | 2 None | Aircraft Damage: | Substantial |
| Passenger Injuries: | N/A | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 2 None | Latitude, Longitude: | 34.650000, -112.416667 |

Administrative Information

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| Investigator In Charge (IIC): | Patrick H Jones |
| Additional Participating Persons: | Robert Wagner; Federal Aviation Administration; Scottsdale, AZ |
| 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/ . |