



National Transportation Safety Board Aviation Accident Factual Report

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|--------------------------------|--------------------------------------|-------------------------|-------------|
| Location: | SAN ANGELO, TX | Accident Number: | FTW94LA115 |
| Date & Time: | 04/01/1994, 1820 CST | Registration: | N3521K |
| Aircraft: | PIPER PA-28-140 | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 2 None |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

On April 1, 1994, at 1820 central standard time, a Piper PA-28-140, N3521K, was substantially damaged during a forced landing near San Angelo, Texas. The private pilot and passenger were not injured. Visual meteorological conditions prevailed for the personal flight.

The pilot stated in the Pilot/Operator report that after takeoff the aircraft would not develop sufficient power to maintain altitude. He further reported that he executed a forced landing in a field and that "on roll out, the wing tips struck a fence" west of the departure end of the runway.

An examination of the aircraft by a Federal Aviation Administration inspector and the operator revealed that the muffler baffle had come loose.

The aircraft was released to the owner.

Pilot Information

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| Certificate: | Private | Age: | 42, Male |
| Airplane Rating(s): | Single-engine Land | Seat Occupied: | Left |
| Other Aircraft Rating(s): | None | Restraint Used: | Seatbelt |
| Instrument Rating(s): | None | Second Pilot Present: | No |
| Instructor Rating(s): | None | Toxicology Performed: | No |
| Medical Certification: | Class 3 Valid Medical--no waivers/lim. | Last FAA Medical Exam: | 07/22/1993 |
| Occupational Pilot: | | Last Flight Review or Equivalent: | |
| Flight Time: | 197 hours (Total, all aircraft), 121 hours (Total, this make and model), 165 hours (Pilot In Command, all aircraft), 6 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft) | | |

Aircraft and Owner/Operator Information

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|-------------------------------|--------------------------|--------------------------------|-----------------|
| Aircraft Make: | PIPER | Registration: | N3521K |
| Model/Series: | PA-28-140 PA-28-140 | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | Normal | Serial Number: | 2823604 |
| Landing Gear Type: | Tricycle | Seats: | 4 |
| Date/Type of Last Inspection: | 07/05/1993, Annual | Certified Max Gross Wt.: | 2150 lbs |
| Time Since Last Inspection: | 42 Hours | Engines: | 1 Reciprocating |
| Airframe Total Time: | 2993 Hours | Engine Manufacturer: | LYCOMING |
| ELT: | Installed, not activated | Engine Model/Series: | O-320-E2A |
| Registered Owner: | SIMS, MARCUS L. | Rated Power: | 150 hp |
| Operator: | SIMS, MARCUS L. | 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: | SJT, 1900 ft msl | Distance from Accident Site: | 0 Nautical Miles |
| Observation Time: | 1838 CST | Direction from Accident Site: | 0° |
| Lowest Cloud Condition: | Clear / 0 ft agl | Visibility | 25 Miles |
| Lowest Ceiling: | None / 0 ft agl | Visibility (RVR): | 0 ft |
| Wind Speed/Gusts: | 11 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 170° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30 inches Hg | Temperature/Dew Point: | 24° C / 8° C |
| Precipitation and Obscuration: | | | |
| Departure Point: | | Type of Flight Plan Filed: | None |
| Destination: | OZONA, TX (OZA) | Type of Clearance: | None |
| Departure Time: | 1800 CST | Type of Airspace: | |

Airport Information

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|----------------------|--------------------|---------------------------|----------------|
| Airport: | MATHIS FIELD (SJT) | Runway Surface Type: | Asphalt |
| Airport Elevation: | 1900 ft | Runway Surface Condition: | Dry |
| Runway Used: | 18 | IFR Approach: | None |
| Runway Length/Width: | 6916 ft / 150 ft | VFR Approach/Landing: | Forced Landing |

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): | MATTHEW ELLIS, |
| Additional Participating Persons: | WILLIAM R FRY; SAN ANTONIO, 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/ . |