



National Transportation Safety Board Aviation Accident Data Summary

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|--------------------------------|--|-------------------------|--------------------|
| Location: | Shenandoah, IA | Accident Number: | CHI04LA001 |
| Date & Time: | 10/02/2003, 2100 CDT | Registration: | N3772D |
| Aircraft: | Cessna 182A | Injuries: | 1 Serious, 1 Minor |
| Flight Conducted Under: | Part 91: General Aviation - Other Work Use | | |

Analysis

The airplane sustained substantial damage when it impacted a ditch during an emergency landing following a loss of engine power. The pilot reported that the engine "popped" twice and the airplane lost engine power. The pilot attempted to restart the engine but was unsuccessful. The pilot-rated passenger prepared for an emergency landing at the destination airport. They realized the airplane would land short of the airport and prepared to "ditch." The airplane touched down in a cornfield and subsequently impacted a ditch. An FAA inspector examined the airplane subsequent to the accident and found five gallons of fuel in the left tank. The fuel tank strainer and fittings were pulled from the right wing. The strainer was destroyed, but had no signs of blockage previous to the accident. No fuel was observed in the right tank or in the fuel inlet line of the carburetor. The airframe and engine were examined and no anomalies were found.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: Loss of engine power for an undetermined reason during cruise and the unsuitable terrain for landing encountered by the pilot. The factors to the accident were the dark night, the corn crop, and the ditch.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: CRUISE

Findings

1. REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING
Phase of Operation: EMERGENCY DESCENT/LANDING

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: EMERGENCY DESCENT/LANDING

Findings

2. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - ENCOUNTERED - PILOT IN COMMAND
3. (F) LIGHT CONDITION - DARK NIGHT
4. (F) TERRAIN CONDITION - CROP
5. (F) TERRAIN CONDITION - DITCH

Pilot Information

| | | | |
|----------------------------------|--|------------------------------|----------|
| Certificate: | Commercial | Age: | 22 |
| Airplane Rating(s): | Single-engine Land | Instrument Rating(s): | Airplane |
| Other Aircraft Rating(s): | None | Instructor Rating(s): | None |
| Flight Time: | 560 hours (Total, all aircraft), 80 hours (Total, this make and model), 475 hours (Pilot In Command, all aircraft), 160 hours (Last 90 days, all aircraft), 65 hours (Last 30 days, all aircraft), 8 hours (Last 24 hours, all aircraft) | | |

Pilot Information

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|----------------------------------|---|------------------------------|--|
| Certificate: | Flight Instructor; Commercial | Age: | |
| Airplane Rating(s): | Multi-engine Land; Single-engine Land | Instrument Rating(s): | Airplane |
| Other Aircraft Rating(s): | None | Instructor Rating(s): | Airplane Multi-engine; Airplane Single-engine; Instrument Airplane |
| Flight Time: | 1020 hours (Total, all aircraft), 35 hours (Total, this make and model), 890 hours (Pilot In Command, all aircraft), 280 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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|---------------------------------------|--|-----------------------------|-----------------|
| Aircraft Make: | Cessna | Registration: | N3772D |
| Model/Series: | 182A | Engines: | 1 Reciprocating |
| Operator: | Joe Stancil Jr. | Engine Manufacturer: | Continental |
| Operating Certificate(s) Held: | None | Engine Model/Series: | O-470L |
| Flight Conducted Under: | Part 91: General Aviation - Other Work Use | | |

Meteorological Information and Flight Plan

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|---|------------------------|-------------------------------------|------------------------------|
| Conditions at Accident Site: | Visual Conditions | Condition of Light: | Night |
| Observation Facility, Elevation: | SDA, 971 ft msl | Weather Information Source: | Weather Observation Facility |
| Lowest Ceiling: | Overcast / 6000 ft agl | Wind Speed/Gusts, Direction: | 8 knots / , 170° |
| Temperature: | 12° C | Visibility | 10 Miles |
| Precipitation and Obscuration: | | | |
| Departure Point: | Mattoon, IL (MTO) | Destination: | Lincoln, NE (LNK) |

Airport Information

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|-----------------------------|------------------------------------|----------------------------------|--|
| Airport: | Shenandoah Municipal Airport (SDA) | Runway Surface Type: | |
| Runway Used: | NA | Runway Surface Condition: | |
| Runway Length/Width: | | | |

Wreckage and Impact Information

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|-----------------------------|-----------------------|----------------------------|-------------|
| Crew Injuries: | 1 Serious, 1 Minor | Aircraft Damage: | Substantial |
| Passenger Injuries: | N/A | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Latitude, Longitude: | 40.751667, -95.413611 | | |

Administrative Information

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|--------------------------------------|--|----------------------|------------|
| Investigator In Charge (IIC): | Jim Silliman | Adopted Date: | 06/02/2004 |
| 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/ . | | |

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