



National Transportation Safety Board Aviation Accident Data Summary

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|--------------------------------|--------------------------------------|-------------------------|------------|
| Location: | Colorado Springs, CO | Accident Number: | CEN12CA157 |
| Date & Time: | 02/04/2012, 1422 MDT | Registration: | N2696C |
| Aircraft: | CESSNA R182 | Injuries: | 1 Minor |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

Analysis

The pilot was conducting a series of practice accuracy landings in preparation for a checkride. He reported that he inadvertently forgot to extend the landing gear. He added that he did not remember hearing the landing gear warning horn just before touchdown because he had allowed himself to become fixated on maneuvering the aircraft to the precise landing point. The airplane touched down on the runway surface with the landing gear retracted, which caused substantial damage to the fuselage structure. The pilot reported that there were no preimpact mechanical malfunctions with the airplane.

Flight Events

Landing - Landing gear not configured
Landing - Abnormal runway contact

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot did not extend the landing gear before landing.

Findings

Aircraft-Aircraft systems-Landing gear system-(general)-Not used/operated - C
Personnel issues-Action/decision-Action-Forgotten action/omission-Pilot - C

Pilot Information

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|----------------------------------|---|------------------------------|-----------------------------------|
| Certificate: | Airline Transport; Flight Instructor; Military | Age: | 49 |
| Airplane Rating(s): | Single-engine Land | Instrument Rating(s): | Airplane; Helicopter |
| Other Aircraft Rating(s): | Helicopter | Instructor Rating(s): | Helicopter; Instrument Helicopter |
| Flight Time: | 3653 hours (Total, all aircraft), 22 hours (Total, this make and model), 2107 hours (Pilot In Command, all aircraft), 23 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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|---|--------------------------------------|-----------------------------|-----------------|
| Aircraft Manufacturer: | CESSNA | Registration: | N2696C |
| Model/Series: | R182 | Engines: | 1 Reciprocating |
| Operator: | On file | Engine Manufacturer: | LYCOMING |
| Air Carrier Operating Certificate: | None | Engine Model/Series: | O-540 SERIES |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

Meteorological Information and Flight Plan

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|---|----------------------------------|-------------------------------------|------------------------------|
| Observation Facility, Elevation: | KCOS, 6187 ft msl | Weather Information Source: | Weather Observation Facility |
| Conditions at Accident Site: | Visual Conditions | Lowest Ceiling: | None |
| Condition of Light: | Day | Wind Speed/Gusts, Direction: | 11 knots, 30° |
| Temperature: | -1° C / -8° C | Visibility | 10 Miles |
| Precipitation and Obscuration: | No Obscuration; No Precipitation | | |
| Departure Point: | Colorado Springs, CO (COS) | Destination: | Colorado Springs, CO (COS) |

Airport Information

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|-----------------------------|-------------------------------------|----------------------------------|----------|
| Airport: | City of Colorado Springs Muni (COS) | Runway Surface Type: | Concrete |
| Runway Used: | 35R | Runway Surface Condition: | Dry |
| Runway Length/Width: | 13501 ft / 150 ft | | |

Wreckage and Impact Information

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|----------------------------|---------|----------------------------|-------------|
| Crew Injuries: | 1 Minor | Aircraft Damage: | Substantial |
| Passenger Injuries: | N/A | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |

Administrative Information

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|--------------------------------------|---|----------------------|------------|
| Investigator In Charge (IIC): | Thomas Latson | Adopted Date: | 04/02/2012 |
| Note: | This accident report documents the factual circumstances of this accident as described to the NTSB. | | |
| Investigation Docket: | http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=82898 | | |

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.