



Aviation Investigation Final Report

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|--------------------------------|--------------------------------------|-------------------------|-------------|
| Location: | GRAIN VALLEY, Missouri | Accident Number: | CHI92LA200 |
| Date & Time: | July 4, 1992, 10:30 Local | Registration: | N9664A |
| Aircraft: | CESSNA 140A | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 2 Minor |
| Flight Conducted Under: | Part 91: General aviation - Personal | | |

Analysis

THE PILOT STATED THE AIRPLANE BOUNCED DURING LANDING AND HE HELD FORWARD CONTROL PRESSURE AT THE SECOND TOUCHDOWN. HE THEN APPLIED 'TOO MUCH BRAKE,' AND THE AIRPLANE NOSED OVER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S EXCESSIVE APPLICATION OF WHEEL BRAKES AFTER TOUCHDOWN.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING

Findings

1. WEATHER CONDITION - CROSSWIND
2. (C) RECOVERY FROM BOUNCED LANDING - IMPROPER - PILOT IN COMMAND
3. (C) BRAKES(NORMAL) - EXCESSIVE - PILOT IN COMMAND

Factual Information

Pilot Information

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|----------------------------------|---|--|-------------------|
| Certificate: | Private | Age: | 64, Male |
| Airplane Rating(s): | Single-engine land | Seat Occupied: | Left |
| Other Aircraft Rating(s): | None | Restraint Used: | |
| Instrument Rating(s): | None | Second Pilot Present: | Yes |
| Instructor Rating(s): | None | Toxicology Performed: | No |
| Medical Certification: | Class 3 Valid Medical-w/ waivers/lim | Last FAA Medical Exam: | December 19, 1990 |
| Occupational Pilot: | UNK | Last Flight Review or Equivalent: | |
| Flight Time: | 667 hours (Total, all aircraft), 97 hours (Total, this make and model), 613 hours (Pilot In Command, all aircraft), 14 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft) | | |

Aircraft and Owner/Operator Information

| | | | |
|--------------------------------------|---|---|-----------------|
| Aircraft Make: | CESSNA | Registration: | N9664A |
| Model/Series: | 140A 140A | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | |
| Airworthiness Certificate: | Utility | Serial Number: | 15385 |
| Landing Gear Type: | Tailwheel | Seats: | 2 |
| Date/Type of Last Inspection: | January 3, 1992 Annual | Certified Max Gross Wt.: | 1500 lbs |
| Time Since Last Inspection: | 58 Hrs | Engines: | 1 Reciprocating |
| Airframe Total Time: | 10083 Hrs | Engine Manufacturer: | CONTINENTAL |
| ELT: | Installed, activated, did not aid in locating accident | Engine Model/Series: | C-90-16 |
| Registered Owner: | K AND R, INC. | Rated Power: | 95 Horsepower |
| Operator: | K AND R, INC. | Operating Certificate(s) Held: | None |
| Operator Does Business As: | | Operator Designator Code: | |

Meteorological Information and Flight Plan

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|---|----------------------------------|---|-------------------|
| Conditions at Accident Site: | Visual (VMC) | Condition of Light: | Day |
| Observation Facility, Elevation: | MKC ,758 ft msl | Distance from Accident Site: | 21 Nautical Miles |
| Observation Time: | 09:45 Local | Direction from Accident Site: | 285° |
| Lowest Cloud Condition: | Unknown | Visibility | 10 miles |
| Lowest Ceiling: | Broken / 7000 ft AGL | Visibility (RVR): | |
| Wind Speed/Gusts: | 10 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 170° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30 inches Hg | Temperature/Dew Point: | 26°C / 17°C |
| Precipitation and Obscuration: | No Obscuration; No Precipitation | | |
| Departure Point: | GARDNER , KS (K34) | Type of Flight Plan Filed: | None |
| Destination: | | Type of Clearance: | None |
| Departure Time: | 10:00 Local | Type of Airspace: | Class G |

Airport Information

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|-----------------------------|----------------------|----------------------------------|---------------------------|
| Airport: | EAST KANSAS CITY 3GV | Runway Surface Type: | Asphalt |
| Airport Elevation: | 835 ft msl | Runway Surface Condition: | Dry |
| Runway Used: | 27 | IFR Approach: | None |
| Runway Length/Width: | 3800 ft / 44 ft | VFR Approach/Landing: | Full stop;Traffic pattern |

Wreckage and Impact Information

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|----------------------------|---------|-----------------------------|---------------------------|
| Crew Injuries: | 1 Minor | Aircraft Damage: | Substantial |
| Passenger Injuries: | 1 Minor | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 2 Minor | Latitude, Longitude: | 38.999961,-94.200782(est) |

Administrative Information

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| Investigator In Charge (IIC): | Vallaster, J |
| Additional Participating Persons: | STEPHEN B DAVIS; KANSAS CITY , MO |
| Original Publish Date: | August 31, 1993 |
| Last Revision Date: | |
| Investigation Class: | Class |
| Note: | |
| Investigation Docket: | https://data.nts.gov/Docket?ProjectID=15489 |

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