



National Transportation Safety Board Aviation Accident Final Report

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| Location: | POLLOCKSVILLE, NC | Accident Number: | ATL91LA075 |
| Date & Time: | 04/01/1991, 1135 EST | Registration: | N45150 |
| Aircraft: | CESSNA 150M | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 1 Minor |

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE PRIVATE PILOT WAS ON HIS FIRST LIGHT AIRPLANE FLIGHT IN ABOUT FOUR MONTHS. DURING CLIMBOUT FOLLOWING A SIMULATED POWER-OUT APPROACH, THE AIRPLANE STALLED AND ENTERED A RIGHT-HAND SPIN. THE PILOT NEUTRALIZED THE CONTROLS; HOWEVER, THE AIRPLANE IMPACTED THE TERRAIN BEFORE FULL RECOVERY COULD BE MADE. THE PILOT REPORTED THAT AT THE TIME OF THE STALL, THE AIRPLANE WAS AT A 10 DEGREE NOSE HIGH PITCH ATTITUDE WITH ABOUT 45 DEGREES OF BANK.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: FAILURE OF THE PILOT TO MAINTAIN ADEQUATE AIRSPEED, WHICH RESULTED IN A STALL/SPIN.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: CLIMB

Findings

1. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
2. (C) STALL/SPIN - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

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|----------------------------------|---|--|------------|
| Certificate: | Private | Age: | 29, 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): | | Toxicology Performed: | No |
| Medical Certification: | Class 3 Valid Medical--w/ waivers/lim. | Last FAA Medical Exam: | 05/25/1989 |
| Occupational Pilot: | | Last Flight Review or Equivalent: | |
| Flight Time: | 2000 hours (Total, all aircraft), 30 hours (Total, this make and model), 380 hours (Pilot In Command, all aircraft), 100 hours (Last 90 days, all aircraft) | | |

Aircraft and Owner/Operator Information

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|--------------------------------------|---|---|-----------------|
| Aircraft Make: | CESSNA | Registration: | N45150 |
| Model/Series: | 150M 150M | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | | Serial Number: | 15076756 |
| Landing Gear Type: | Tricycle | Seats: | 2 |
| Date/Type of Last Inspection: | 01/02/2000, Unknown | Certified Max Gross Wt.: | 1600 lbs |
| Time Since Last Inspection: | | Engines: | 1 Reciprocating |
| Airframe Total Time: | | Engine Manufacturer: | CONTINENTAL |
| ELT: | Installed, activated, did not aid in locating accident | Engine Model/Series: | O-200-A |
| Registered Owner: | AIR EAST, INC. | Rated Power: | 100 hp |
| Operator: | AIR EAST, INC. | 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: | EWN, 19 ft msl | Distance from Accident Site: | 10 Nautical Miles |
| Observation Time: | 1150 EDT | Direction from Accident Site: | 30° |
| Lowest Cloud Condition: | Clear / 0 ft agl | Visibility | 10 Miles |
| Lowest Ceiling: | None / 0 ft agl | Visibility (RVR): | 0 ft |
| Wind Speed/Gusts: | 8 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 280° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30 inches Hg | Temperature/Dew Point: | 19° C / -2° C |
| Precipitation and Obscuration: | | | |
| Departure Point: | NEW BERN, NC (EWN) | Type of Flight Plan Filed: | None |
| Destination: | | Type of Clearance: | None |
| Departure Time: | 1115 EDT | Type of Airspace: | |

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 |
| Total Injuries: | 1 Minor | Latitude, Longitude: | |

Administrative Information

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|-----------------------------------|--|--------------|------------|
| Investigator In Charge (IIC): | Ralph E Hicks, Jr. | Report Date: | 03/31/1993 |
| Additional Participating Persons: | LARRY LAMBERT; RALEIGH, NC | | |
| Publish Date: | | | |
| 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/ . | | |

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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).