



National Transportation Safety Board Aviation Accident Data Summary

| | | | |
|--------------------------------|--------------------------------------|-------------------------|------------|
| Location: | ELIZABETHTOWN, KY | Accident Number: | ATL86FA155 |
| Date & Time: | 06/02/1986, 1045 EDT | Registration: | N3001S |
| Aircraft: | BEECH 95-B55 | Injuries: | 1 Fatal |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

Analysis

ACFT OBSERVED IN LEVEL FLT IN IMC JUST BELOW EST 500 FOOT OVC. EST VIZ ABOUT 3/4 MI. LT WING STRUCK 15/16 INCH DIA STEEL GUY CABLE 534 FEET AGL SHEARING OUTER 118 IN. ACFT IMPACTED EARTH FILL DAM 1169 FT FROM 650 FEET TALL TV ANTENNA. TOWER. TOP OF TOWER OBSCURED BY CLOUDS. PLT HAD DEP AIRPORT 63 NM WEST JUST AFTER THE WX AT THE DEP FLD REACHED VFR MINIMUMS.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: MANEUVERING

Findings

1. (F) WEATHER CONDITION - LOW CEILING
2. (F) WEATHER CONDITION - FOG
3. (F) OBJECT - GUY WIRE
4. (C) WEATHER EVALUATION - POOR - PILOT IN COMMAND
5. (C) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND
6. (F) OVERCONFIDENCE IN PERSONAL ABILITY - PILOT IN COMMAND
7. (C) VFR FLIGHT INTO IMC - CONTINUED - PILOT IN COMMAND
8. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND
9. (F) LACK OF TOTAL INSTRUMENT TIME - PILOT IN COMMAND
10. (C) PROCEDURES/DIRECTIVES - DISREGARDED - PILOT IN COMMAND

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

Pilot Information

| | | | |
|----------------------------------|--|------------------------------|------|
| Certificate: | Private | Age: | 58 |
| Airplane Rating(s): | Multi-engine Land; Single-engine Land | Instrument Rating(s): | None |
| Other Aircraft Rating(s): | None | Instructor Rating(s): | None |
| Flight Time: | 862 hours (Total, all aircraft), 64 hours (Total, this make and model), 737 hours (Pilot In Command, all aircraft), 13 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

| | | | |
|---------------------------------------|--------------------------------------|-----------------------------|-----------------|
| Aircraft Make: | BEECH | Registration: | N3001S |
| Model/Series: | 95-B55 95-B55 | Engines: | 2 Reciprocating |
| Operator: | BYRON O. RATLIFF | Engine Manufacturer: | CONTINENTAL |
| Operating Certificate(s) Held: | None | Engine Model/Series: | IO-520-E2B |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

Meteorological Information and Flight Plan

| | | | |
|---|-----------------------|-------------------------------------|-------------------------|
| Conditions at Accident Site: | Instrument Conditions | Condition of Light: | Day |
| Observation Facility, Elevation: | , 0 ft msl | Weather Information Source: | Witness |
| Lowest Ceiling: | Overcast / 500 ft agl | Wind Speed/Gusts, Direction: | / , |
| Temperature: | -18° C | Visibility | 0 Miles |
| Precipitation and Obscuration: | | | |
| Departure Point: | OWENSBORO, KY (OWB) | Destination: | ELIZABETHTOWN, KY (I98) |

Airport Information

| | | | |
|-----------------------------|---------------------|----------------------------------|--|
| Airport: | ELIZABETHTOWN (I98) | Runway Surface Type: | |
| Runway Used: | 0 | Runway Surface Condition: | |
| Runway Length/Width: | | | |

Wreckage and Impact Information

| | | | |
|-----------------------------|---------|----------------------------|-----------|
| Crew Injuries: | 1 Fatal | Aircraft Damage: | Destroyed |
| Passenger Injuries: | N/A | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Latitude, Longitude: | | | |

Administrative Information

Investigator In Charge (IIC): WALTER G STINER

Adopted 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 pubinq@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.