

National Transportation Safety Board
Washington, DC 20594

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Brief of Accident

Adopted 03/29/1993

ATL92FA047
File No. 2111 02/18/1992 RALEIGH ,NC Aircraft Reg No. N33464 Time (Local): 22:52 EST

Make/Model: Piper/PA-28R-200
Engine Make/Model: Lycoming / IO-360-C1C
Aircraft Damage: Substantial
Number of Engines: 1
Operating Certificate(s): None
Type of Flight Operation: Business
Reg. Flight Conducted Under: Part 91: General Aviation

	Fatal	Serious	Minor/None
Crew	1	0	0
Pass	1	0	0

Last Depart. Point: WASHINGTON, DC
Destination: RALEIGH, NC
Airport Proximity: Off Airport/Airstrip

Condition of Light: Night/Dark
Weather Info Src: Weather Observation Facility
Basic Weather: Instrument Conditions
Lowest Ceiling: 300 Ft. AGL, Broken
Visibility: 0.00 SM
Wind Dir/Speed: 150 / 005 kts
Temperature (°C): 9
Precip/Obscuration:

Pilot-in-Command Age: 49
Certificate(s)/Rating(s)
Commercial; Multi-engine Land; Single-engine Land

Flight Time (Hours)
Total All Aircraft: 368
Last 90 Days: 30
Total Make/Model: 16
Total Instrument Time: 69

Instrument Ratings
Airplane

*** Note: NTSB investigators either traveled in support of this investigation or conducted a significant amount of investigative work without any travel, and used data obtained from various sources to prepare this aircraft accident report. ***

THE INSTRUMENT FLIGHT RULES (IFR) FLIGHT HAD BEEN CLEARED FOR AN INSTRUMENT LANDING SYSTEM (ILS) APPROACH TO THE AIRPORT. THERE WERE LOW CEILINGS AND FOG AT THE AIRPORT AT THE TIME OF THE ACCIDENT. EXAMINATION OF THE RADAR DATA COLLECTED DURING THE TIME OF THE APPROACH, SHOWED THE AIRCRAFT HEADING VARYING NUMEROUS TIMES FROM ONE SIDE OF THE APPROACH TO THE OTHER. THE AIRCRAFT WAS FOUND IN A WOODED AREA APPROXIMATELY ONE MILE FROM THE AIRPORT, ON THE CENTERLINE FOR THE ILS. EXAMINATION OF THE AIRCRAFT REVEALED THAT THE NAVIGATIONAL INSTRUMENTS ON BOARD THE AIRCRAFT WERE OPERATING WITHIN FACTORY SPECIFICATIONS. EXAMINATION OF THE INSTRUMENT LANDING SYSTEM AT THE AIRPORT REVEALED THAT THE SYSTEM WAS OPERATING WITHIN SPECIFICATIONS.

Brief of Accident (Continued)

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02/18/1992

RALEIGH ,NC

Aircraft Reg No. N33464

Time (Local): 22:52 EST

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

1. OBJECT - TREE(S)
 2. (C) IFR PROCEDURE - NOT FOLLOWED - PILOT IN COMMAND
 3. (C) PROPER ALTITUDE - NOT MAINTAINED - PILOT IN COMMAND
 4. (F) WEATHER CONDITION - LOW CEILING
 5. (F) WEATHER CONDITION - FOG
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Findings Legend: (C) = Cause, (F) = Factor

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

THE FAILURE OF THE PILOT TO FOLLOW INSTRUMENT LANDING PROCEDURES BY DESCENDING BELOW THE GLIDE PATH OF THE INSTRUMENT LANDING SYSTEM.
FACTORS IN THE ACCIDENT WERE THE LOW CEILINGS AND FOG AT THE AIRPORT AT THE TIME OF THE ACCIDENT.