

**Brief of Accident**

**Adopted 07/25/1983**

ATL82FA212  
File No. 2665                      07/25/1982                      LOUISBURG ,NC                      Aircraft Reg No. N5188D                      Time (Local): 14:30 EDT

---

Make/Model: Cessna/182A  
Engine Make/Model: Continental / O-470-L  
Aircraft Damage: Destroyed  
Number of Engines: 1  
Operating Certificate(s):  
Type of Flight Operation:  
Reg. Flight Conducted Under: Part 91: General Aviation

	Fatal	Serious	Minor/None
Crew	1	0	0
Pass	3	1	0

---

Last Depart. Point: LOUISBURG, NC  
Destination: Local Flight, NC  
Airport Proximity: Off Airport/Airstrip

Condition of Light: Day  
Weather Info Src: Unknown  
Basic Weather: Visual Conditions  
Lowest Ceiling: 0 Ft. AGL, Unknown  
Visibility: 6.00 SM  
Wind Dir/Speed: 240 / 003 kts  
Temperature (°C): 87  
Precip/Obscuration:

---

Pilot-in-Command                      Age: 33

Certificate(s)/Rating(s)  
Private; Single-engine Land

Instrument Ratings  
None

Flight Time (Hours)

Total All Aircraft: 129  
Last 90 Days: 7  
Total Make/Model: 3  
Total Instrument Time: 3

---

\*\*\* 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. \*\*\*

WITNESSES OBSERVED THE TAKEOFF ROLL AS BEING UNUSUALLY LONG. THE ACFT NEVER CLIMBED MUCH ABOVE 100-200 FT AGL, & STRUCK TREES 1/2 MI OFF THE END OF THE RWY. THE FLAPS WERE OBSERVED UP DURING TAKEOFF. NORMAL TAKEOFF FLAP SETTING USED BY THE CLUB FOR CARRYING JUMPERS IS 10 DEG. THE ACFT WAS 166 POUNDS OVER MAX GROSS WEIGHT & THE CG WAS BEYOND THE AFT LIMIT. THE DENSITY ALTITUDE WAS APPROXIMATELY 2,000 FT. THE PLT HAD NEVER FLOWN A C-182 OR A CONSTANT SPEED PROPELLER EQUIPPED ACFT PRIOR TO HIS CHECKOUT WITH THE PARACHUTE CLUB THE WEEK BEFORE THE ACCIDENT. THE DAY OF THE ACCIDENT WAS THE FIRST TIME HE HAD CARRIED ANY JUMPERS. THE PLT HAD AGREED TO FLY FOR THE CLUB FOR NO COMPENSATION OTHER THAN TO BUILD FLT TIME.

Brief of Accident (Continued)

ATL82FA212  
File No. 2665                      07/25/1982                      LOUISBURG ,NC                      Aircraft Reg No. N5188D                      Time (Local): 14:30 EDT

---

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

Findings

1. (F) WEATHER CONDITION - HIGH DENSITY ALTITUDE
2. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND
3. (C) AIRCRAFT WEIGHT AND BALANCE - EXCEEDED - PILOT IN COMMAND
4. (C) IMPROPER TRANSITION/UPGRADE TRAINING - COMPANY/OPERATOR MANAGEMENT
5. (C) LACK OF FAMILIARITY WITH AIRCRAFT - PILOT IN COMMAND
6. (C) LACK OF TOTAL EXPERIENCE - PILOT IN COMMAND
7. (C) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND

-----  
Occurrence #2:      IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

8. OBJECT - TREE(S)

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