



National Transportation Safety Board Aviation Accident Data Summary

Location:	FRANKLIN, NC	Accident Number:	ATL86LA153
Date & Time:	06/01/1986, 1410 EDT	Registration:	N8109U
Aircraft:	CESSNA 150M	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

FIFTY TWO HR PVT PLT FLYING OVER LAKE IN MOUNTAINOUS TERRAIN STARTED CLIMB OUT TOWARD DESTINATION. ELEVATION OF LAKE ABOUT 3000 FT. AMBIENT TEMP ABOUT 90 F. PLT COULD NOT CLIMB A/C AT AN ANGLE TO CLEAR RISING TERRAIN. FLEW A/C INTO TREES.

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. OBJECT - TREE(S)
2. (C) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND
3. OVERCONFIDENCE IN PERSONAL ABILITY - PILOT IN COMMAND
4. WEATHER CONDITION - HIGH DENSITY ALTITUDE
5. CLIMB - MISJUDGED - PILOT IN COMMAND
6. OVERCONFIDENCE IN AIRCRAFT'S ABILITY - PILOT IN COMMAND
7. (C) AIRCRAFT PERFORMANCE, CLIMB CAPABILITY - EXCEEDED
8. (C) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND

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

Findings

9. TERRAIN CONDITION - MOUNTAINOUS/HILLY

Pilot Information

Certificate:	Private	Age:	22
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	52 hours (Total, all aircraft), 4 hours (Total, this make and model), 29 hours (Pilot In Command, all aircraft), 1 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N8109U
Model/Series:	150M 150M	Engines:	1 Reciprocating
Operator:	AVTRAN, INC	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-200A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	32° C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	ANDREWS, NC (6A3)	Destination:	SYLVA, NC (24A)

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Destroyed
Passenger Injuries:	1 None	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/ .		

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