



National Transportation Safety Board Aviation Accident Final Report

Location:	MADISON, NC	Accident Number:	ATL89FA071
Date & Time:	01/11/1989, 0728 EST	Registration:	N9330B
Aircraft:	CESSNA 208B	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Serious
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Analysis

AS THE PLT WAS EN ROUTE TO GREENSBORO (HIS DESTN), HE FLEW PAST SHILOH & NOTED THAT WX AT THE ARPT WAS CLEAR, BUT FROM ABOUT 10 SOUTH OF SHILOH, GROUND FOG EXTENDED TO THE SOUTH. AT 0634 EST, HE CONTACTED GREENSBORO TOWER & WAS ADZD THE RVR WAS 1600 FT. HIS MINIMUMS WERE 1800 FT. HE HELD FOR A PERIOD OF TIME, BUT THE WX CONTD TO DETERIORATE, SO HE DIVERTED TO THE ROCKINGHAM COUNTY/SHILOH ARPT, WHERE NO WX RPRTG FACILITIES WERE AVAILABLE. AFTER BEING VECTORED OVER THE ALTERNATE ARPT, HE WAS UNABLE TO GET ENOUGH VISUAL CUES FOR A VISUAL APCH, SO HE ELECTED TO MAKE AN SDF APCH. THE PLT STATED THAT WHEN HE REACHED THE MIN DSCNT ALT (MDA), HE SAW THE RWY & PROCEEDED TO MAKE A VISUAL APCH. AS HE CONTD, PATCHY FOG BEGAN TO OBSCURE THE RWY, SO HE MANEUVERED THE ACFT TO KEEP IT IN SITE, THEN ELECTED TO GO AROUND. HOWEVER, AS HE BEGAN THE GO-AROUND, THE ACFT HIT TREES & CRASHED. ELEVATION OF THE CRASH SITE WAS APRX 700 FT. MDA FOR THE APCH WAS 1120 FT MSL.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: IMPROPER IFR PROCEDURE BY THE PILOT AND HIS FAILURE TO MAINTAIN THE MINIMUM DESCENT ALTITUDE (MDA). CONTRIBUTING FACTORS WERE: LOW CEILING, FOG, DELAYED MISSED APPROACH BY THE PILOT, AND TREES.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT

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

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Findings

1. (F) WEATHER CONDITION - LOW CEILING
2. (F) WEATHER CONDITION - FOG
3. (F) MISSED APPROACH - DELAYED - PILOT IN COMMAND
4. (C) IFR PROCEDURE - IMPROPER - PILOT IN COMMAND
5. (F) OBJECT - TREE(S)
6. (C) MINIMUM DESCENT ALTITUDE - NOT MAINTAINED - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	22, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	06/18/1988
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	2100 hours (Total, all aircraft), 360 hours (Total, this make and model), 1800 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N9330B
Model/Series:	208B 208B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	208B0053
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	11/23/1988, AAIP	Certified Max Gross Wt.:	8750 lbs
Time Since Last Inspection:	101 Hours	Engines:	1 Turbo Prop
Airframe Total Time:	896 Hours	Engine Manufacturer:	P&W
ELT:	Installed, activated, aided in locating accident	Engine Model/Series:	PT6A-114
Registered Owner:	ATLANTIC AERO, INC	Rated Power:	600 hp
Operator:	ATLANTIC AERO, INC	Operating Certificate(s) Held:	On-demand Air Taxi (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Dawn
Observation Facility, Elevation:	GSO, 926 ft msl	Distance from Accident Site:	20 Nautical Miles
Observation Time:	0650 EST	Direction from Accident Site:	206°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	0 Miles
Lowest Ceiling:	Obscured / 100 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	20°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	2° C / 2° C
Precipitation and Obscuration:			
Departure Point:	ROANOKE, VA (ROA)	Type of Flight Plan Filed:	IFR
Destination:	GREENSBORO, NC (GSO)	Type of Clearance:	IFR
Departure Time:	0620 EST	Type of Airspace:	Class G

Airport Information

Airport:	ROCKINGHAM COUNTY/SHILOH (NC14)	Runway Surface Type:	Asphalt
Airport Elevation:	676 ft	Runway Surface Condition:	Dry
Runway Used:	31	IFR Approach:	SDF
Runway Length/Width:	5200 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Serious	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	WALTER G STINER	Report Date:	04/19/1990
Additional Participating Persons:	REYNOLD BISHOP; WINSTON-SALEM, 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 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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