



National Transportation Safety Board Aviation Accident Data Summary

Location:	WINSTON-SALEM, NC	Accident Number:	ATL83LA022
Date & Time:	11/01/1982, 0900 EST	Registration:	N711GD
Aircraft:	BEECH B90	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Ferry		

Analysis

THE PILOT WAS ON A FLIGHT TO DELIVER THE AIRCRAFT FOR ROUTINE MAINTENANCE. HE STATED THAT HE LOST RIGHT BRAKING ACTION AS HE WAS APPROACHING THE MAINTENANCE HANGER. HE ATTEMPTED TO MAINTAIN DIRECTIONAL CONTROL WITH PROPELLER REVERSING, BUT THE LEFT WING HIT THE CORNER OF THE HANGER. THE AIRCRAFT THEN PIVOTED INTO THE HANGER AND STRUCK A PARKED BEECH 58P, N5408P. AN EXAMINATION REVEALED THAT THE HYDRAULIC RESERVOIR HAD ONLY 1/2 INCH OF FLUID. AFTER THE RESERVOIR WAS SERVICED, THE RIGHT SHUTTLE VALVE WAS FOUND TO BE LEAKING. THE O-RING SEAL CONNECTING THE PILOTS RIGHT BRAKE PEDDLE TO THE SHUTTLE VALVE WAS FOUND UNSEATED, ALLOWING FLUID PASSAGE.

Probable Cause

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

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION

Phase of Operation: TAXI - FROM LANDING

Findings

1. (C) LANDING GEAR,NORMAL BRAKE SYSTEM - FAILURE,PARTIAL

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: TAXI - FROM LANDING

Findings

2. (C) PROPER ASSISTANCE - NOT ATTAINED - PILOT IN COMMAND

3. (F) OBJECT - AIRPORT FACILITY

4. (F) OBJECT - AIRCRAFT PARKED/STANDING

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	62
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	20600 hours (Total, all aircraft), 600 hours (Total, this make and model), 70 hours (Last 90 days, all aircraft), 25 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N711GD
Model/Series:	B90 B90	Engines:	2 Turbo Prop
Operator:	EUGENE B. MILLER	Engine Manufacturer:	P & W
Operating Certificate(s) Held:		Engine Model/Series:	PT6A-20
Flight Conducted Under:	Part 91: General Aviation - Ferry		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	INT, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	/ ,
Temperature:	75°C	Visibility	5 Miles
Precipitation and Obscuration:			
Departure Point:	COLUMBUS, OH	Destination:	WINSTON-SALEM, NC

Airport Information

Airport:	SMITH-REYNOLDS (INT)	Runway Surface Type:	Asphalt; Concrete
Runway Used:	33	Runway Surface Condition:	Dry
Runway Length/Width:	6655 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	Unknown
Ground Injuries:	N/A	Aircraft Explosion:	Unknown
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):

Adopted Date: 11/01/1983

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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