



National Transportation Safety Board Aviation Accident Data Summary

Location:	ROCK HILL, SC	Accident Number:	ATL95LA104
Date & Time:	06/01/1995, 1200 EDT	Registration:	N6214L
Aircraft:	AMERICAN AA-1	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT LANDED ON A 2,600-FOOT WET, SOD RUNWAY. UPON TOUCHDOWN, THE PILOT HELD THE AIRPLANE ON THE CENTERLINE BY USING THE RUDDER AND THE BRAKES. THE NOSE WHEEL OF THE AIRPLANE IS NON-STEERABLE. APPROXIMATELY THREE-QUARTERS DOWN THE RUNWAY, THE PILOT LOST CONTROL OF THE AIRPLANE, AND IT SUDDENLY VEERED RIGHT. THE AIRPLANE COLLIDED WITH TERRAIN, AND CAME TO A COMPLETE STOP 10 FEET OFF THE RUNWAY. SUBSEQUENTLY, REPAIRS WERE MADE TO THE AIRPLANE THAT INCLUDED REBUILDING THE LEFT BRAKE CALIPER BECAUSE OF INADEQUATE BRAKE AUTHORITY.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: AN INOPERATIVE LEFT MAIN WHEEL BRAKE THAT RESULTED IN A LOSS OF DIRECTIONAL CONTROL. A FACTOR WAS THE WET, GRASS RUNWAY.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (C) LANDING GEAR,NORMAL BRAKE SYSTEM - INOPERATIVE
2. DIRECTIONAL CONTROL - NOT POSSIBLE - PILOT IN COMMAND
3. (F) AIRPORT FACILITIES,RUNWAY/LANDING AREA CONDITION - WET

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Commercial	Age:	71
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	4728 hours (Total, all aircraft), 1356 hours (Total, this make and model), 19 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AMERICAN	Registration:	N6214L
Model/Series:	AA-1 AA-1	Engines:	1 Reciprocating
Operator:	RICHARD D. MCCHESENEY	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320
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:	Broken / 4000 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 180°
Temperature:	27° C	Visibility	8 Miles
Precipitation and Obscuration:			
Departure Point:	HUNTERSVILLE, NC (NC05)	Destination:	(SC67)

Airport Information

Airport:	COUNTRY SQUIRE (SC67)	Runway Surface Type:	Grass/turf
Runway Used:	9	Runway Surface Condition:	Wet
Runway Length/Width:	2600 ft / 75 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	PRESTON E HICKS	Adopted Date:	11/13/1996
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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