



National Transportation Safety Board Aviation Accident Data Summary

Location:	BESSEMER, AL	Accident Number:	ATL93LA048
Date & Time:	01/01/1993, 1430 CST	Registration:	N4292N
Aircraft:	CESSNA 120	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

A TAKEOFF WAS BEING CONDUCTED IN THE TAILWHEEL AIRPLANE WITH A 70 DEGREE LEFT CROSSWIND. THE PILOT STATED SHE WAS USING RUNWAY 5 & THAT THE AIRPORT AWOS LISTED THE WIND AS FROM THE NORTHWEST AT 4 TO 6 KTS. THE PILOT SAID THAT AS THE TAIL CAME UP THE NOSE OF THE AIRPLANE VEERED A LITTLE TO THE LEFT AND ADDITIONAL RIGHT RUDDER WAS APPLIED. ACCORDING TO HER, AT THAT TIME THE AIRPLANE WAS STRUCK BY A GUST & IT WEATHERVANED SHARPLY TO THE RIGHT. THE AIRPLANE DEPARTED THE RUNWAY RIGHT SIDE AND COLLIDED WITH THE GROUND.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE FAILURE OF THE PILOT TO MAINTAIN DIRECTIONAL CONTROL DURING TAKE OFF.

Findings

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

Findings
1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

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

Pilot Information

Certificate:	Private	Age:	46
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	113 hours (Total, all aircraft), 69 hours (Total, this make and model), 44 hours (Pilot In Command, all aircraft), 5 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:	CESSNA	Registration:	N4292N
Model/Series:	120 120	Engines:	1 Reciprocating
Operator:	WOOD, DAVID E.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	C90-12
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:	BHM, 644 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	12 knots / , 340°
Temperature:	12° C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	(2A3)	Destination:	(2A3)

Airport Information

Airport:	BESSEMER (2A3)	Runway Surface Type:	Asphalt
Runway Used:	5	Runway Surface Condition:	Dry
Runway Length/Width:	5700 ft / 100 ft		

Wreckage and Impact Information

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

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	PRESTON E HICKS	Adopted Date:	11/03/1993
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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