



National Transportation Safety Board Aviation Accident Data Summary

Location:	ADVANCE, NC	Accident Number:	ATL91LA049
Date & Time:	02/02/1991, 1030 EST	Registration:	N74LE
Aircraft:	BEECH V35B	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT REPORTED THAT DURING TAKEOFF THERE WAS A PARTIAL LOSS OF ENGINE POWER. HE WAS DISTRACTED WHILE TURNING ON THE FUEL BOOST PUMP. DURING THAT DISTRACTION THE AIRPLANE DRIFTED LEFT & COLLIDED WITH A BERM ADJACENT TO THE RUNWAY. HE STATED THAT THE ENGINE SURGED & WAS DEVELOPING FULL POWER WHEN THE COLLISION OCCURRED. SUBSEQUENT EXAMINATION OF THE ENGINE REVEALED ONE MAGNETO CONDENSER HAD MALFUNCTIONED WHICH RESULTED IN AN INCONSISTENT SPARK & SPUTTERING OF THE ENGINE.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S DIVERTED ATTENTION AND FAILURE TO MAINTAIN DIRECTIONAL CONTROL DURING THE TAKEOFF. A FACTOR WAS THE MALFUNCTIONING MAGNETO WHICH RESULTED IN THE ENGINE SPUTTER.

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - MECH FAILURE/MALF
Phase of Operation: TAKEOFF

Findings

1. SINGLE ENGINE AIRCRAFT
2. (F) IGNITION SYSTEM,MAGNETO - FAILURE,PARTIAL

Occurrence #2: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF

Findings

3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
4. (C) DIVERTED ATTENTION - PILOT IN COMMAND

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF

Findings

5. TERRAIN CONDITION - BERM

Pilot Information

Certificate:	Private	Age:	59
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	1816 hours (Total, all aircraft), 1200 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N74LE
Model/Series:	V35B V35B	Engines:	1 Reciprocating
Operator:	EUBANKS, JAMES W	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-520BA
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:	GSO, 926 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 240°
Temperature:	9° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	Destination: UNION, SC (35A)		

Airport Information

Airport:	AIRPARK (GNC8)	Runway Surface Type:	Dirt
Runway Used:	6	Runway Surface Condition:	Dry
Runway Length/Width:	2600 ft / 70 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): PRESTON E HICKS

Adopted Date: 03/09/1993

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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