



National Transportation Safety Board Aviation Accident Data Summary

Location:	CHARLOTTESVILLE, VA	Accident Number:	BFO87LA025
Date & Time:	03/02/1987, 1128 EST	Registration:	N734ZD
Aircraft:	CESSNA 172N	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

AFTER CLIMBING TO CRUISE ALTITUDE AND NOTING THAT THE WINDS WERE STRONGER THAN EXPECTED, THE PILOT ELECTED TO DIVERT TO CHARLOTTESVILLE. UPON ENTERING THE TRAFFIC PATTERN, THE PILOT NOTED THAT HE WOULD BE LANDING WITH A CROSSWIND FROM THE RIGHT. THE AIRCRAFT TOUCHED DOWN AND TRAVELED ABOUT 100 FEET BEFORE RUNNING OFF THE LEFT SIDE OF THE RUNWAY. WINDS WERE 300 DEGRESS AT 18 KNOTS.

Probable Cause

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

Findings

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

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: NOSE DOWN
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Private	Age:	38
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	119 hours (Total, all aircraft), 119 hours (Total, this make and model), 57 hours (Pilot In Command, all aircraft), 31 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N734ZD
Model/Series:	172N 172N	Engines:	1 Reciprocating
Operator:	WARREN M. GRIFFIN	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:	CHO, 641 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	18 knots / , 300°
Temperature:	12° C	Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:	WINTERGREEN, VA (ZWO)	Destination:	STONE MOUNTAIN, GA (CHO)

Airport Information

Airport:	CHARLOTTESVILLE-ALBEMARLE (CHO)	Runway Surface Type:	Asphalt
Runway Used:	21	Runway Surface Condition:	Dry
Runway Length/Width:	6001 ft / 150 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):	ALFRED DICKINSON	Adopted Date:	10/07/1988
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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