



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	HARTSVILLE, SC	<b>Accident Number:</b>	ATL87LA054
<b>Date &amp; Time:</b>	01/04/1987, 1500 EST	<b>Registration:</b>	N70493
<b>Aircraft:</b>	CESSNA 172M	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Analysis

THE STUDENT PLT MADE TWO GO-AROUNDS BEFORE STARTING HIS THIRD LANDING ATTEMPT WITH A VARIABLE WIND. AFTER TOUCHDOWN THE ACFT VEERED TO THE RIGHT AND DEPARTED THE RWY. THE PLT APPLIED POWER IN AN ATTEMPT TO TAKE-OFF BUT THE NOSE WHEEL HIT A HOLE AND THE ACFT NOSED OVER.

## 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. WEATHER CONDITION - CROSSWIND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. (C) GROUND LOOP/SWERVE - UNCONTROLLED - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	44
<b>Airplane Rating(s):</b>	None	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	44 hours (Total, all aircraft), 5 hours (Total, this make and model), 17 hours (Pilot In Command, all aircraft), 26 hours (Last 90 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N70493
<b>Model/Series:</b>	172M 172M	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	AIRCRAFT SERVICES OF RALEIGH	<b>Engine Manufacturer:</b>	LYCOMING
<b>Operating Certificate(s) Held:</b>		<b>Engine Model/Series:</b>	O-320-E2D
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	FLO, 147 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	Overcast / 10000 ft agl	<b>Wind Speed/Gusts, Direction:</b>	10 knots / , 30°
<b>Temperature:</b>	7° C	<b>Visibility</b>	7 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	FLORENCE, SC (FLO)	<b>Destination:</b>	

## Airport Information

<b>Airport:</b>	HARTSVILLE MUNICIPAL (HVS)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	20	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	3300 ft / 75 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Destroyed
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>			

## Administrative Information

<b>Investigator In Charge (IIC):</b>	CHARLES T FOUTS	<b>Adopted Date:</b>	03/10/1988
<b>Investigation Docket:</b>	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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.