# National Transportation Safety Board
# Aviation Accident Data Summary

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| **Location:** | MONETA, VA | **Accident Number:** | BFO92LA084 |
| **Date & Time:** | 07/02/1992, 1240 EDT | **Registration:** | N9218T |
| **Aircraft:** | PIPER PA-38-112 | **Injuries:** | 1 None |
| **Flight Conducted Under:** | Part 91: General Aviation - Instructional | | |

## Analysis

THE STUDENT PILOT WAS ON HIS FIRST CROSS-COUNTRY FLIGHT. AS HE WAS LANDING AT AN EN ROUTE AIRPORT, THE AIRPLANE BOUNCED DURING TOUCHDOWN. THE STUDENT THEN LOST DIRECTIONAL CONTROL, AND THE AIRPLANE WENT OFF THE RUNWAY AND STRUCK A TREE.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
FAILURE OF THE STUDENT PILOT TO MAINTAIN DIRECTIONAL CONTROL DURING THE LANDING, WHICH RESULTED IN AN INADVERTENT GROUND SWERVE. FACTORS RELATED TO THE ACCIDENT WERE: THE STUDENT'S IMPROPER RECOVERY FROM A BOUNCED LANDING AND PROXIMITY OF THE TREE.

## Findings

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

Findings
1. (F) RECOVERY FROM BOUNCED LANDING - IMPROPER - PILOT IN COMMAND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. (C) GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING

Findings
4. (F) OBJECT - TREE(S)

## Pilot Information

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| **Certificate:** | Student | **Age:** | |
| **Airplane Rating(s):** | None | **Instrument Rating(s):** | None |
| **Other Aircraft Rating(s):** | | **Instructor Rating(s):** | |
| **Flight Time:** | | | |

## Aircraft and Owner/Operator Information

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|---|---|---|---|
| **Aircraft Make:** | PIPER | **Registration:** | N9218T |
| **Model/Series:** | PA-38-112 PA-38-112 | **Engines:** | 1 Reciprocating |
| **Operator:** | CAROLINA AIR ACADEMY, INC | **Engine Manufacturer:** | LYCOMING |
| **Operating Certificate(s) Held:** | None | **Engine Model/Series:** | O-235-L2C |
| **Flight Conducted Under:** | Part 91: General Aviation - Instructional | | |

## Meteorological Information and Flight Plan

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| **Conditions at Accident Site:** | Visual Conditions | **Condition of Light:** | Day |
| **Observation Facility, Elevation:** | , 0 ft msl | **Weather Information Source:** | Unknown |
| **Lowest Ceiling:** | None / 0 ft agl | **Wind Speed/Gusts, Direction:** | / , |
| **Temperature:** | -18°C | **Visibility** | 0 Miles |
| **Precipitation and Obscuration:** | | | |
| **Departure Point:** | MOUNT AIRY, NC (MWK) | **Destination:** | (W91) |

## Airport Information

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| **Airport:** | SMITH MOUNTAIN LAKE (W91) | **Runway Surface Type:** | Concrete |
| **Runway Used:** | 23 | **Runway Surface Condition:** | Dry |
| **Runway Length/Width:** | 3050 ft / 50 ft | | |

## Wreckage and Impact Information

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| **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

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| **Investigator In Charge (IIC):** | DENNIS L JONES | **Adopted Date:** | 04/07/1995 |
| **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.ntsb.gov/pubdms/. | | |

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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.