



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	BOONE, NC	<b>Accident Number:</b>	ATL94LA073
<b>Date &amp; Time:</b>	04/02/1994, 1741 EST	<b>Registration:</b>	N5704P
<b>Aircraft:</b>	PIPER PA-24-180	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None

**Flight Conducted Under:** Part 91: General Aviation - Personal

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On April 2, 1994, about 1741 eastern standard time, a Piper PA-24-180, N5704P, was substantially damaged following a collision with trees during a landing attempt at Boone, North Carolina. The private pilot received minor injuries in the accident. The aircraft was being operated under 14 CFR Part 91 by the pilot. Visual meteorological conditions existed, and no flight plan had been filed for the personal flight. The flight departed Winston-Salem, North Carolina about 1630.

The pilot stated he used 85 knots indicated airspeed on final approach to the short runway. He stated that he did not touchdown until approximately one half of the runway had passed behind him. The aircraft impacted trees prior to coming to rest on a golf course off the departure end of the runway.

## Pilot Information

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<b>Certificate:</b>	Private	<b>Age:</b>	48, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Airplane Single-engine; None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	06/05/1992
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	456 hours (Total, all aircraft), 454 hours (Total, this make and model), 426 hours (Pilot In Command, all aircraft), 45 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N5704P
Model/Series:	PA-24-180 PA-24-180	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Provisional; Normal	Serial Number:	24-777
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	11/13/1993, Annual	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:	80 Hours	Engines:	1 Reciprocating
Airframe Total Time:	3462 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-360A1A
Registered Owner:	RIEGELMAN, MICHAEL D.	Rated Power:	180 hp
Operator:	RIEGELMAN, MICHAEL D.	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	INT, 600 ft msl	Distance from Accident Site:	45 Nautical Miles
Observation Time:	1845 EST	Direction from Accident Site:	150°
Lowest Cloud Condition:	Scattered / 1000 ft agl	Visibility	20 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	270°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	19° C / -6° C
Precipitation and Obscuration:			
Departure Point:	WINSTON-SALEM, NC (INT)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1545 EST	Type of Airspace:	Class G

## Airport Information

Airport:	BOONE (5A2)	Runway Surface Type:	Asphalt
Airport Elevation:	3600 ft	Runway Surface Condition:	Dry
Runway Used:	31	IFR Approach:	None
Runway Length/Width:	2100 ft / 75 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

## Wreckage and Impact Information

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

## Administrative Information

<b>Investigator In Charge (IIC):</b>	ROFF H SASSER,
<b>Additional Participating Persons:</b>	DENNIS SCARFEO; WINSTON-SALEM, NC
<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> .