



# Aviation Investigation Final Report

<b>Location:</b>	GRIFFIN, Georgia	<b>Accident Number:</b>	ATL92LA037
<b>Date &amp; Time:</b>	January 12, 1992, 11:30 Local	<b>Registration:</b>	N6101D
<b>Aircraft:</b>	PIPER PA-22-150	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PILOT STATED THAT DURING THE LANDING, A GUST OF WIND CAUSED THE AIRCRAFT TO LAND WITH EXCESSIVE SPEED. THE PILOT MADE AN ABRUPT LEFT TURN AT THE END OF THE RUNWAY, TO AVOID A FENCE, AND THE NOSE WHEEL COLLAPSED. THE AIRCRAFT FLIPPED OVER ONTO ITS BACK.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE EXCESSIVE SPEED USED BY THE PILOT TO LAND ON THE SHORT PRIVATE AIRSTRIP. A FACTOR WAS UNFAVORABLE WIND.

## Findings

Occurrence #1: OVERRUN  
Phase of Operation: LANDING - ROLL

### Findings

1. (F) WEATHER CONDITION - UNFAVORABLE WIND
  2. (C) AIRSPEED - EXCESSIVE - PILOT IN COMMAND
  3. LANDING GEAR, NOSE GEAR ASSEMBLY - COLLAPSED
  4. GROUND LOOP/SWERVE - INTENTIONAL - PILOT IN COMMAND
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Occurrence #2: NOSE OVER  
Phase of Operation: LANDING - ROLL

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	64, 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>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	April 18, 1990
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1190 hours (Total, all aircraft), 790 hours (Total, this make and model), 1150 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N6101D
<b>Model/Series:</b>	PA-22-150 PA-22-150	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	22-4745
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	September 11, 1991 Annual	<b>Certified Max Gross Wt.:</b>	2000 lbs
<b>Time Since Last Inspection:</b>	17 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3645 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	O-320
<b>Registered Owner:</b>	BROWN, THOMAS R.	<b>Rated Power:</b>	150 Horsepower
<b>Operator:</b>	BROWN, THOMAS R.	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	ATL ,1026 ft msl	<b>Distance from Accident Site:</b>	20 Nautical Miles
<b>Observation Time:</b>	11:55 Local	<b>Direction from Accident Site:</b>	360°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	4 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	330°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	4°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>		<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	11:20 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	PRIVATE NONE	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>	936 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	31	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	1000 ft / 100 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<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>	33.289237,-84.28054(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Sasser, Roff
<b>Additional Participating Persons:</b>	JOE WALL; ATLANTA , GA
<b>Original Publish Date:</b>	August 26, 1993
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.ntsb.gov/Docket?ProjectID=8553">https://data.ntsb.gov/Docket?ProjectID=8553</a>

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