



# Aviation Investigation Final Report

<b>Location:</b>	Griffin, Georgia	<b>Accident Number:</b>	ERA24LA226
<b>Date &amp; Time:</b>	March 11, 2024, 13:30 Local	<b>Registration:</b>	N216R
<b>Aircraft:</b>	Beech A36	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Landing gear not configured	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that while on the downwind leg of the traffic pattern, abeam the runway numbers, he “reviewed the checklist and completed the steps with my hand touching the landing gear handle.” On the base leg of the traffic pattern, he attempted to check the landing gear position indicator lights, but glare from the sun prevented him from confirming if the lights were illuminated. The pilot continued to land and upon touchdown realized that the landing gear were not extended resulting in substantial damage to the fuselage.

The pilot reported that there were no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation.

## Probable Cause and Findings

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

The pilot’s failure to extend the airplane’s landing gear before landing.

## Findings

<b>Aircraft</b>	Gear extension and retract sys - Not used/operated
<b>Personnel issues</b>	Lack of action - Pilot

## Factual Information

### History of Flight

<b>Landing</b>	Landing gear not configured (Defining event)
<b>Landing-flare/touchdown</b>	Abnormal runway contact

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	39,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>	3-point
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	Class 2 Without waivers/limitations	<b>Last FAA Medical Exam:</b>	May 13, 2022
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	January 24, 2023
<b>Flight Time:</b>	279 hours (Total, all aircraft), 205 hours (Total, this make and model), 200 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Beech	<b>Registration:</b>	N216R
<b>Model/Series:</b>	A36	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	1978	<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal; Utility	<b>Serial Number:</b>	E1341
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	January 18, 2024 Annual	<b>Certified Max Gross Wt.:</b>	3600 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	5044.08 Hrs at time of accident	<b>Engine Manufacturer:</b>	CONT MOTOR
<b>ELT:</b>	C91A installed, not activated	<b>Engine Model/Series:</b>	IO 520 SERIES
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	285 Horsepower
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	6A2,958 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	12:55 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>		<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	4 knots /	<b>Turbulence Type Forecast/Actual:</b>	None / None
<b>Wind Direction:</b>	330°	<b>Turbulence Severity Forecast/Actual:</b>	N/A / N/A
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	13°C / -10°C
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	Griffin, GA (GA62)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Griffin, GA	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	13:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	GRIFFIN-SPALDING COUNTY 6A2	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	958 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	32	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	3701 ft / 75 ft	<b>VFR Approach/Landing:</b>	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>	33.227006,-84.274975(est)

## Administrative Information

Investigator In Charge (IIC):	Young, Joshua
Additional Participating Persons:	Rodney Hood; FAA/FSDO; Atlanta, GA
Original Publish Date:	June 28, 2024
Last Revision Date:	
Investigation Class:	<a href="#">Class 4</a>
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	<a href="https://data.nts.gov/Docket?ProjectID=194310">https://data.nts.gov/Docket?ProjectID=194310</a>

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