



# Aviation Investigation Final Report

<b>Location:</b>	Grand Prairie, Texas	<b>Accident Number:</b>	CEN23LA116
<b>Date &amp; Time:</b>	February 19, 2023, 18:10 Local	<b>Registration:</b>	N4210D
<b>Aircraft:</b>	Beech G35	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Landing gear not configured	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that he forgot to put down the landing gear and that he landed with the gear retracted. The airplane slid off the runway before it came to a rest. The airplane sustained substantial damage to the lower fuselage. The pilot reported there were no mechanical malfunctions or failures that would have precluded normal operations.

## 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 landing gear before landing.

## Findings

<b>Personnel issues</b>	Forgotten action/omission - Pilot
<b>Personnel issues</b>	Use of equip/system - Pilot
<b>Aircraft</b>	Gear extension and retract sys - Not used/operated

## Factual Information

### History of Flight

Landing	Landing gear not configured (Defining event)
Landing-landing roll	Runway excursion

### Pilot Information

Certificate:	Commercial	Age:	0,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Lap only
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	BasicMed Without waivers/limitations	Last FAA Medical Exam:	June 25, 2021
Occupational Pilot:	No	Last Flight Review or Equivalent:	July 5, 2021
Flight Time:	1044.5 hours (Total, all aircraft), 6.7 hours (Total, this make and model), 943.8 hours (Pilot In Command, all aircraft), 1.4 hours (Last 90 days, all aircraft), 1.4 hours (Last 30 days, all aircraft), 1.4 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N4210D
Model/Series:	G35	Aircraft Category:	Airplane
Year of Manufacture:	1956	Amateur Built:	
Airworthiness Certificate:	Utility	Serial Number:	D-4415
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	October 27, 2021 Annual	Certified Max Gross Wt.:	2975 lbs
Time Since Last Inspection:	4.6 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	6615 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	C91 installed, not activated	Engine Model/Series:	E-225-8
Registered Owner:	On file	Rated Power:	225 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Dusk
<b>Observation Facility, Elevation:</b>	KGPM, 589 ft msl	<b>Distance from Accident Site:</b>	1 Nautical Miles
<b>Observation Time:</b>	17:50 Local	<b>Direction from Accident Site:</b>	327°
<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>	8 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	190°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.07 inches Hg	<b>Temperature/Dew Point:</b>	21°C / 5°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Ennis, TX (F41)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Grand Prairie, TX (GPM)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	17:45 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	Grand Prairie Municipal GPM	<b>Runway Surface Type:</b>	Concrete
<b>Airport Elevation:</b>	590 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	18	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	4001 ft / 75 ft	<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	32.69,-97.04

## Administrative Information

**Investigator In Charge (IIC):** Abraham, Laura

**Additional Participating Persons:** Steve Simpson; FAA; TX

**Original Publish Date:** July 27, 2023

**Last Revision Date:**

**Investigation Class:** [Class 4](#)

**Note:** The NTSB did not travel to the scene of this accident.

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=106764>

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