



Aviation Investigation Final Report

Location:	Athens, Texas	Accident Number:	CEN20CA363
Date & Time:	August 21, 2020, 19:45 Local	Registration:	N1621W
Aircraft:	Beech 55	Aircraft Damage:	Substantial
Defining Event:	Landing gear not configured	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The airline transport pilot and private pilot rated passenger departed on a local, personal flight. The pilot reported that he failed to extend the landing gear before landing. The airplane sustained substantial damage to the fuselage ribs and stringers. He said that the landing gear warning did not sound through the headsets, so the sound was faint and that the gear warning sounded like the stall warning, which was “confusing.” The pilot reported that there were no preaccident 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 landing gear during the approach and landing.

Findings

Personnel issues	Use of equip/system - Pilot
Aircraft	Gear extension and retract sys - Not used/operated

Factual Information

History of Flight

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

Pilot Information

Certificate:	Airline transport	Age:	66, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	Glider	Restraint Used:	Lap only
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	February 11, 2020
Occupational Pilot:	No	Last Flight Review or Equivalent:	February 11, 2020
Flight Time:	(Estimated) 25400 hours (Total, all aircraft), 0.8 hours (Total, this make and model), 18750 hours (Pilot In Command, all aircraft), 27 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft)		

Pilot-rated passenger Information

Certificate:	Private	Age:	59, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Airship	Restraint Used:	Lap only
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane multi-engine	Toxicology Performed:	
Medical Certification:	Unknown	Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	April 23, 2020
Flight Time:	(Estimated) 297 hours (Total, all aircraft), 25 hours (Total, this make and model), 224 hours (Pilot In Command, all aircraft), 44 hours (Last 90 days, all aircraft), 19 hours (Last 30 days, all aircraft), 0.8 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N1621W
Model/Series:	55 95B55	Aircraft Category:	Airplane
Year of Manufacture:	1972	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	TC-1455
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	November 15, 2019 Annual	Certified Max Gross Wt.:	5100 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	6000 Hrs at time of accident	Engine Manufacturer:	Continental
ELT:	Installed	Engine Model/Series:	IO-470
Registered Owner:	On file	Rated Power:	285 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	F44,441 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	19:35 Local	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	150°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.88 inches Hg	Temperature/Dew Point:	30°C / 19°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Athens, TX	Type of Flight Plan Filed:	
Destination:	Athens, TX	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Athens Municipal Airport F44	Runway Surface Type:	Asphalt
Airport Elevation:	444 ft msl	Runway Surface Condition:	Dry
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	3988 ft / 60 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	32.199375,-95.850013(est)

Administrative Information

Investigator In Charge (IIC):	Malinowski, Edward
Additional Participating Persons:	Johnny Perez; Federal Aviation Administration; Irving, TX
Original Publish Date:	January 5, 2021
Last Revision Date:	
Investigation Class:	Class 4
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=101859

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