



# Aviation Investigation Final Report

<b>Location:</b>	Holt, Florida	<b>Accident Number:</b>	ERA24LA180
<b>Date &amp; Time:</b>	April 13, 2024, 10:02 Local	<b>Registration:</b>	N4064N
<b>Aircraft:</b>	Cessna 140	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Hard landing	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot stated that while descending on approach to the runway, he failed to arrest the airplane's sink rate and descent. This resulted in an impact with terrain approximately 600ft prior to the start of the runway. He reported that the airplane touched down hard and immediately nosed over, resulting insubstantial damage to the engine mounts, empennage, and left wing. The pilot stated 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 maintain an appropriate descent rate during the landing approach, which resulted in a hard landing and subsequent nose over of the airplane.

## Findings

<b>Personnel issues</b>	Aircraft control - Pilot
<b>Aircraft</b>	Descent rate - Not attained/maintained

## Factual Information

### History of Flight

Landing-flare/touchdown	Hard landing (Defining event)
Landing-flare/touchdown	Nose over/nose down

### Pilot Information

Certificate:	Student	Age:	64, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Unknown
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	July 16, 2022
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	139 hours (Total, all aircraft), 48 hours (Total, this make and model), 58 hours (Pilot In Command, all aircraft), 5 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4064N
Model/Series:	140 A	Aircraft Category:	Airplane
Year of Manufacture:	1947	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	13512
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	Annual	Certified Max Gross Wt.:	1450 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL MOTORS
ELT:	C126 installed, activated, did not aid in locating accident	Engine Model/Series:	C90-12F
Registered Owner:	On file	Rated Power:	90 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>	Day
<b>Observation Facility, Elevation:</b>	EGI, 0 ft msl	<b>Distance from Accident Site:</b>	11 Nautical Miles
<b>Observation Time:</b>	09:55 Local	<b>Direction from Accident Site:</b>	101°
<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>	/	<b>Turbulence Type Forecast/Actual:</b>	None / None
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	N/A / N/A
<b>Altimeter Setting:</b>	30.32 inches Hg	<b>Temperature/Dew Point:</b>	22°C / 3°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Holt, FL	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Holt, FL	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>		<b>Type of Airspace:</b>	Class G; Restricted area

## Airport Information

<b>Airport:</b>	YELLOW RIVER AIRSTRIP FD93	<b>Runway Surface Type:</b>	Grass/turf
<b>Airport Elevation:</b>	150 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	27	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2550 ft / 200 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>	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>	30.686375,-86.747632(est)

## Administrative Information

Investigator In Charge (IIC):	Enders, Ryan
Additional Participating Persons:	Peter Rose; FAA/FSDO; Birmingham, AL
Original Publish Date:	May 29, 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=194100">https://data.nts.gov/Docket?ProjectID=194100</a>

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