



# Aviation Investigation Final Report

<b>Location:</b>	Hutchinson, Kansas	<b>Accident Number:</b>	GAA19CA206
<b>Date &amp; Time:</b>	April 15, 2019, 13:35 Local	<b>Registration:</b>	N55275
<b>Aircraft:</b>	Piper PA28R	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Landing gear not configured	<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot in the retractable landing gear-equipped airplane reported that, during a straight-in approach, the airplane's approach angle was too high. He recalled that he was distracted by an increase in aircraft operating in the area and that he forgot to extend the landing gear. The airplane landed with the landing gear retracted and slid off the right side of the runway before it came to rest.

The airplane sustained substantial damage to the lower fuselage.

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 before landing.

## Findings

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

## Factual Information

### History of Flight

<b>Landing-flare/touchdown</b>	Landing gear not configured (Defining event)
<b>Landing-landing roll</b>	Runway excursion

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	52,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>	Unknown
<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 With waivers/limitations	<b>Last FAA Medical Exam:</b>	April 24, 2019
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	May 11, 2018
<b>Flight Time:</b>	(Estimated) 160 hours (Total, all aircraft), 35 hours (Total, this make and model), 103 hours (Pilot In Command, all aircraft), 42 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Piper	<b>Registration:</b>	N55275
<b>Model/Series:</b>	PA28R 200	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	1973	<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	28R-7335209
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	March 1, 2019 Annual	<b>Certified Max Gross Wt.:</b>	2600 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2324 Hrs	<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>	C91 installed, not activated	<b>Engine Model/Series:</b>	IO-360-C1C
<b>Registered Owner:</b>		<b>Rated Power:</b>	200 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>	KHUT,1542 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	197°
<b>Lowest Cloud Condition:</b>		<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>		<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	15 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	190°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.06 inches Hg	<b>Temperature/Dew Point:</b>	22°C
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	Great Bend, KS (GBD )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Hutchinson, KS (HUT )	<b>Type of Clearance:</b>	VFR flight following
<b>Departure Time:</b>	13:00 Local	<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	Hutchinson Rgnl HUT	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	1542 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	22	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	4405 ft / 100 ft	<b>VFR Approach/Landing:</b>	Full stop;Straight-in

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	2 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	3 None	<b>Latitude, Longitude:</b>	38.066112,-97.860557(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Hicks, Michael
<b>Additional Participating Persons:</b>	Webster McKinley; FAA; Wichita, KS
<b>Original Publish Date:</b>	November 6, 2019
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=99268">https://data.nts.gov/Docket?ProjectID=99268</a>

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