



# Aviation Investigation Final Report

<b>Location:</b>	Maricopa, Arizona	<b>Accident Number:</b>	WPR20CA184
<b>Date &amp; Time:</b>	June 16, 2020, 12:55 Local	<b>Registration:</b>	N117KP
<b>Aircraft:</b>	Cessna P210	<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 was conducting a straight in approach to the runway in turbulent, gusty wind conditions. During the approach, he did not verify that he had extended the airplane’s retractable landing gear. As the flared the airplane during the landing, he heard the landing gear warning horn, but it was too late to go-around. He subsequently landed the airplane with the landing gear retracted. The airplane's lower fuselage was substantially damaged. The pilot reported that there were no mechanical anomalies with the airframe or engine 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 retractable landing gear before landing.

## Findings

<b>Personnel issues</b>	Task monitoring/vigilance - Pilot
<b>Aircraft</b>	Gear extension and retract sys - Not used/operated

## Factual Information

### History of Flight

<b>Landing</b>	Landing gear not configured (Defining event)
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### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	55, Male
<b>Airplane Rating(s):</b>	Single-engine land; Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Lap only
<b>Instrument Rating(s):</b>	Airplane	<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>	May 15, 2018
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	December 18, 2019
<b>Flight Time:</b>	1535 hours (Total, all aircraft), 487 hours (Total, this make and model), 1535 hours (Pilot In Command, all aircraft), 35 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N117KP
<b>Model/Series:</b>	P210 N	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	1978	<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	P21000117
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	July 27, 2019 Annual	<b>Certified Max Gross Wt.:</b>	4016 lbs
<b>Time Since Last Inspection:</b>	153 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3473 Hrs as of last inspection	<b>Engine Manufacturer:</b>	Continental Motors
<b>ELT:</b>	C91 installed, not activated	<b>Engine Model/Series:</b>	TSIO-520 SER
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	310 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>	A39,85239 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>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	5 knots / 15 knots	<b>Turbulence Type Forecast/Actual:</b>	None / None
<b>Wind Direction:</b>	260°	<b>Turbulence Severity Forecast/Actual:</b>	N/A / N/A
<b>Altimeter Setting:</b>	29.86 inches Hg	<b>Temperature/Dew Point:</b>	39°C / 1°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Mesa, AZ (FFZ )	<b>Type of Flight Plan Filed:</b>	Unknown
<b>Destination:</b>	Maricopa, AZ (A39 )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	12:45 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	Ak-Chin Regional Airport A39	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	1307 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	22	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	4751 ft / 50 ft	<b>VFR Approach/Landing:</b>	Straight-in

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<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>	32.987777,-111.918052(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Link, Samantha
<b>Additional Participating Persons:</b>	Tom Dickerson; Federal Aviation Administration; Scottsdale, AZ
<b>Original Publish Date:</b>	January 29, 2021
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class 4</a>
<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=101455">https://data.nts.gov/Docket?ProjectID=101455</a>

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