



# Aviation Investigation Final Report

<b>Location:</b>	Amboy, California	<b>Accident Number:</b>	WPR20CA296
<b>Date &amp; Time:</b>	September 3, 2020, 15:30 Local	<b>Registration:</b>	N1832
<b>Aircraft:</b>	Cessna Ector 305A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot of a tailwheel equipped airplane reported that, he was making a precautionary landing to an old gravel and sand runway. During the landing roll, he lost directional control and the airplane ground looped. Subsequently, the right main landing gear collapsed, and the right wing struck the ground. The airplane sustained substantial damage to the right wing and fuselage.

The pilot reported that there were no preaccident mechanical failures or malfunctions 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 directional control of the airplane during a precautionary landing which resulted in a ground loop.

### Findings

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

## Factual Information

### History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Landing gear collapse
Landing-landing roll	Dragged wing/rotor/float/other

### Pilot Information

Certificate:	Private	Age:	77, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	BasicMed	Last FAA Medical Exam:	April 1, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	August 30, 2019
Flight Time:	670.7 hours (Total, all aircraft), 103.9 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Cessna Ector	Registration:	N1832
Model/Series:	305A	Aircraft Category:	Airplane
Year of Manufacture:	1964	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	2004
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	November 11, 2019 Annual	Certified Max Gross Wt.:	2270 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	9805.91 Hrs	Engine Manufacturer:	Continental Motors
ELT:	C91 installed, not activated	Engine Model/Series:	O-470-J
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>	Day
<b>Observation Facility, Elevation:</b>	KNXP,2051 ft msl	<b>Distance from Accident Site:</b>	26 Nautical Miles
<b>Observation Time:</b>	22:56 Local	<b>Direction from Accident Site:</b>	233°
<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>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29.93 inches Hg	<b>Temperature/Dew Point:</b>	42°C / -1°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Santa Paula, CA (SZP )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Lake Havasu, AZ (HII )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	14:00 Local	<b>Type of Airspace:</b>	Class G

## 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>	34.559722,-115.746948(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Cawthra, Joshua
<b>Additional Participating Persons:</b>	Daniel Corallo; Federal Aviation Administration; Riverside, CA
<b>Original Publish Date:</b>	May 6, 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=101929">https://data.nts.gov/Docket?ProjectID=101929</a>

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