



# Aviation Investigation Final Report

<b>Location:</b>	Culpeper, Virginia	<b>Accident Number:</b>	GAA19CA047
<b>Date &amp; Time:</b>	November 4, 2018, 14:30 Local	<b>Registration:</b>	N44JS
<b>Aircraft:</b>	Poberezny ACRO SPORT II	<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 the tailwheel-equipped airplane reported that, after a three-point landing, during the landing roll, the airplane veered left. He corrected with right rudder, but the airplane continued left. He added that he then "applied increasing right rudder" and that the airplane "turned sharply to the right and ground looped."

The airplane sustained substantial damage to the right wing.

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 during 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	Attempted remediation/recovery
Landing-landing roll	Collision with terr/obj (non-CFIT)
Landing-landing roll	Roll over

### Pilot Information

Certificate:	Private	Age:	58,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Rear
Other Aircraft Rating(s):	None	Restraint Used:	5-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	BasicMed	Last FAA Medical Exam:	October 10, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	April 25, 2018
Flight Time:	(Estimated) 1024 hours (Total, all aircraft), 125 hours (Total, this make and model), 959 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Poberezny	<b>Registration:</b>	N44JS
<b>Model/Series:</b>	ACRO SPORT II 2	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	1994	<b>Amateur Built:</b>	Yes
<b>Airworthiness Certificate:</b>	Experimental (Special)	<b>Serial Number:</b>	4153
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	October 17, 2018 Condition	<b>Certified Max Gross Wt.:</b>	1520 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	428.27 Hrs as of last inspection	<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>	C91A installed, not activated	<b>Engine Model/Series:</b>	HO-360B1B
<b>Registered Owner:</b>		<b>Rated Power:</b>	180 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>	KCJR, 316 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	18:35 Local	<b>Direction from Accident Site:</b>	21°
<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>	30.45 inches Hg	<b>Temperature/Dew Point:</b>	15°C / 1°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Culpeper, VA (CJR )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Culpeper, VA (CJR )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	14:20 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	Culpeper Rgnl CJR	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	315 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	04	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	5000 ft / 100 ft	<b>VFR Approach/Landing:</b>	Full stop;Traffic pattern

## 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>	38.525554,-77.859725(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Nepomuceno, Eleazar
<b>Additional Participating Persons:</b>	Perry Benshoo; FAA; Herndon, VA
<b>Original Publish Date:</b>	March 20, 2020
<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=98595">https://data.nts.gov/Docket?ProjectID=98595</a>

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