



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Culpeper, VA	<b>Accident Number:</b>	GAA19CA047
<b>Date &amp; Time:</b>	11/04/2018, 1430 EST	<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		

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## 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

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

## Factual Information

### History of Flight

Landing-landing roll	Loss of control on ground (Defining event) Attempted remediation/recovery Collision with terr/obj (non-CFIT) Roll over
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### 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:	10/10/2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	04/25/2018
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

Aircraft Make:	Poberezny	Registration:	N44JS
Model/Series:	ACRO SPORT II 2	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	4153
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	10/17/2018, Condition	Certified Max Gross Wt.:	1520 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	428.27 Hours as of last inspection	Engine Manufacturer:	Lycoming
ELT:	C91A installed, not activated	Engine Model/Series:	HO-360B1B
Registered Owner:	On file	Rated Power:	180 hp
Operator:	On file	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KCJR, 316 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1835 UTC	Direction from Accident Site:	21°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:		Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.45 inches Hg	Temperature/Dew Point:	15°C / 1°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Culpeper, VA (CJR)	Type of Flight Plan Filed:	None
Destination:	Culpeper, VA (CJR)	Type of Clearance:	None
Departure Time:	1420 EDT	Type of Airspace:	Class G

## Airport Information

Airport:	Culpeper Rgnl (CJR)	Runway Surface Type:	Asphalt
Airport Elevation:	315 ft	Runway Surface Condition:	Dry
Runway Used:	04	IFR Approach:	None
Runway Length/Width:	5000 ft / 100 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	38.525556, -77.859722 (est)

## Administrative Information

Investigator In Charge (IIC):	Eleazar Nepomuceno	Report Date:	03/20/2020
Additional Participating Persons:	Perry Benschoo; FAA; Herndon, VA		
Publish Date:	03/20/2020		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=98595">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=98595</a>		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).