



# Aviation Investigation Final Report

<b>Location:</b>	Bumpass, Virginia	<b>Accident Number:</b>	GAA18CA270
<b>Date &amp; Time:</b>	May 9, 2018, 16:30 Local	<b>Registration:</b>	N334JS
<b>Aircraft:</b>	JETSON'S AVIATION LLC AIRCAM	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Aerodynamic stall/spin	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot of the airplane reported that, during touchdown on a paved runway, the airplane encountered a wind gust and then became airborne. The pilot added full power to go around, but the left wing aerodynamically stalled, and the left float struck the runway, which resulted in a cartwheel.

The airplane sustained substantial damage to the left wing.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

The automated weather observation station, located 11 miles west of the accident airport, reported that, about the time of the accident, the wind was from 040° at 7 knots. The airplane landed on runway 8.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's exceedance of the airplane's critical angle of attack during a go-around.

## Findings

<b>Aircraft</b>	Angle of attack - Capability exceeded
<b>Personnel issues</b>	Aircraft control - Pilot

## Factual Information

### History of Flight

<b>Landing</b>	Other weather encounter
<b>Takeoff-rejected takeoff</b>	Attempted remediation/recovery
<b>Takeoff-rejected takeoff</b>	Aerodynamic stall/spin (Defining event)
<b>Takeoff-rejected takeoff</b>	Loss of control on ground

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	60, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea; Multi-engine land; Multi-engine sea	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	4-point
<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>	BasicMed	<b>Last FAA Medical Exam:</b>	
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	February 19, 2018
<b>Flight Time:</b>	(Estimated) 2175 hours (Total, all aircraft), 310 hours (Total, this make and model), 2076 hours (Pilot In Command, all aircraft), 31 hours (Last 90 days, all aircraft), 19 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	JETSON'S AVIATION LLC	<b>Registration:</b>	N334JS
<b>Model/Series:</b>	AIRCAM NO SERIES	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	2018	<b>Amateur Built:</b>	Yes
<b>Airworthiness Certificate:</b>	Experimental (Special)	<b>Serial Number:</b>	AC232
<b>Landing Gear Type:</b>	Amphibian	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	March 12, 2018 Condition	<b>Certified Max Gross Wt.:</b>	2100 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	2 Reciprocating
<b>Airframe Total Time:</b>	34.7 Hrs at time of accident	<b>Engine Manufacturer:</b>	Rotax
<b>ELT:</b>	C126 installed, activated, aided in locating accident	<b>Engine Model/Series:</b>	912ULS
<b>Registered Owner:</b>		<b>Rated Power:</b>	100 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>	KLKU, 493 ft msl	<b>Distance from Accident Site:</b>	11 Nautical Miles
<b>Observation Time:</b>	20:35 Local	<b>Direction from Accident Site:</b>	284°
<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>	7 knots /	<b>Turbulence Type Forecast/Actual:</b>	None / None
<b>Wind Direction:</b>	40°	<b>Turbulence Severity Forecast/Actual:</b>	N/A / N/A
<b>Altimeter Setting:</b>	30.11 inches Hg	<b>Temperature/Dew Point:</b>	25°C / 7°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	LOUISA, VA (LKU)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Bumpass, VA (7W4)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	16:10 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	LAKE ANNA 7W4	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	351 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	08	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2558 ft / 50 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>		<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>	37.965278,-77.748886(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Benhoff, Kathryn
<b>Additional Participating Persons:</b>	Jay Venable; FAA; Richmond, VA
<b>Original Publish Date:</b>	October 24, 2018
<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=97226">https://data.nts.gov/Docket?ProjectID=97226</a>

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