



# Aviation Investigation Final Report

<b>Location:</b>	Ooltewah, Tennessee	<b>Accident Number:</b>	ERA20CA254
<b>Date &amp; Time:</b>	July 4, 2020, 19:45 Local	<b>Registration:</b>	N760JJ
<b>Aircraft:</b>	Lockwood AIRCAM	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

According to the pilot, he performed several water touch and go landings on different lakes and elected to perform one more before going back to the destination airport. During the landing, the airplane banked to the right, the right float touched the water, and the airplane veered "sharply" to the right. It struck the bank of the lake resulting in substantial damage to the fuselage. The airplane came to rest on the bank and the pilot and passenger egressed without issue. The pilot reported no preimpact mechanical malfunctions or failures 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.

## Findings

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

## Factual Information

### History of Flight

<b>Landing</b>	Loss of control on ground (Defining event)
<b>Landing-landing roll</b>	Collision during takeoff/land

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	59, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea; Multi-engine land	<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>	Class 2 With waivers/limitations	<b>Last FAA Medical Exam:</b>	October 23, 2019
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	December 17, 2019
<b>Flight Time:</b>	6075 hours (Total, all aircraft), 503 hours (Total, this make and model), 6075 hours (Pilot In Command, all aircraft), 119 hours (Last 90 days, all aircraft), 27 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Lockwood	<b>Registration:</b>	N760JJ
<b>Model/Series:</b>	AIRCAM No Series	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	2015	<b>Amateur Built:</b>	Yes
<b>Airworthiness Certificate:</b>	Experimental (Special)	<b>Serial Number:</b>	AC-176
<b>Landing Gear Type:</b>	Retractable -	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	August 24, 2019 Annual	<b>Certified Max Gross Wt.:</b>	2100 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	2 Reciprocating
<b>Airframe Total Time:</b>	346 Hrs at time of accident	<b>Engine Manufacturer:</b>	Rotax
<b>ELT:</b>	C91 installed, not activated	<b>Engine Model/Series:</b>	912ULS
<b>Registered Owner:</b>	On file	<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>	CHA,688 ft msl	<b>Distance from Accident Site:</b>	8 Nautical Miles
<b>Observation Time:</b>	19:53 Local	<b>Direction from Accident Site:</b>	248°
<b>Lowest Cloud Condition:</b>	Scattered / 4000 ft AGL	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	Broken / 25000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	4 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	210°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29.89 inches Hg	<b>Temperature/Dew Point:</b>	29°C / 21°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Collegedale, TN (FGU)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Collegedale, TN (FGU)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	18:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	Collegedale Muni FGU	<b>Runway Surface Type:</b>	Water
<b>Airport Elevation:</b>	860 ft msl	<b>Runway Surface Condition:</b>	Water-choppy
<b>Runway Used:</b>		<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<b>VFR Approach/Landing:</b>	Touch and go

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	35.079723,-85.050277

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Kemner, Heidi
<b>Additional Participating Persons:</b>	William Hess; FAA/FSDO; Nashville, TN
<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=101620">https://data.nts.gov/Docket?ProjectID=101620</a>

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