



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	Duluth, MN	<b>Accident Number:</b>	CEN20LA207
<b>Date &amp; Time:</b>	06/03/2020, 1630 CDT	<b>Registration:</b>	N838BA
<b>Aircraft:</b>	Icon A5	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Sys/Comp malf/fail (non-power)	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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On June 3, 2020, about 1630 central daylight time, an ICON A5 amphibian airplane, N838BA, was substantially damaged when it was involved in an accident near the Sky Harbor Airport (DYT), Duluth, Minnesota. The pilot and passenger were not injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 personal flight.

According to the pilot, he taxied downwind on the water for takeoff. When facing into the wind, he applied full power and about 5 seconds later, heard a "loud bang". He shut down the engine, climbed out, looked back, and saw that all 3 propeller blades were missing. At this point, the airplane started to sink. He and his passenger donned life jackets and evacuated the airplane.

Substantial damage was noted to the airplane's fuselage, including holes in the hull.

Several days later, the pilot recalled that before he taxied out, they washed the airplane. During the wash, he had placed a portable speaker on the top of the airplane to listen to some music while they worked. He did not recall putting the speaker away before departure. The pilot added, "that the speaker must have rolled over the engine compartment and into the propellers ..."

During a telephone conversation with the National Transportation Safety Board Investigator In Charge, the pilot stated that he has not since located the speaker.

## Pilot Information

<b>Certificate:</b>	Private; Sport Pilot	<b>Age:</b>	45
<b>Airplane Rating(s):</b>	Single-engine Land; Single-engine Sea	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Without Waivers/Limitations	<b>Last FAA Medical Exam:</b>	05/01/2020
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>			

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Icon	<b>Registration:</b>	N838BA
<b>Model/Series:</b>	A5	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	2019	<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Special Light-Sport	<b>Serial Number:</b>	00114
<b>Landing Gear Type:</b>	Amphibian	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	01/30/2020, Condition	<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	Reciprocating
<b>Airframe Total Time:</b>	125.6 Hours at time of accident	<b>Engine Manufacturer:</b>	Rotax
<b>ELT:</b>	C126 installed, not activated	<b>Engine Model/Series:</b>	912 IS
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	100
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KDYT	Distance from Accident Site:	
Observation Time:	1635	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	7 Miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	50°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.79 inches Hg	Temperature/Dew Point:	23° C / 4° C
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Duluth, MN (KDYT)	Type of Flight Plan Filed:	None
Destination:	Duluth, MN (KDYT)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

## Airport Information

Airport:	Sky Harbor Airport (KDYT)	Runway Surface Type:	N/A
Airport Elevation:	610 ft	Runway Surface Condition:	Unknown
Runway Used:	N/A	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	46.725278, -92.048056 (est)

## Administrative Information

Investigator In Charge (IIC):	Craig Hatch
Additional Participating Persons:	Edward Martin; FAA FSDO; Minneapolis, MN
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	<a href="http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=101380">http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=101380</a>