



National Transportation Safety Board Aviation Accident Data Summary

Location:	Malone, WI	Accident Number:	GAA18CA329
Date & Time:	06/06/2018, 1900 CDT	Registration:	N100TN
Aircraft:	DOBBS GEORGE COOT	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot in the experimental amateur-built amphibious airplane, during takeoff from a lake, the airplane bounced twice, but on the third bounce, the hull "gave way." Water entered the airplane, and the pilot exited through the canopy.

The pilot reported that the hull had been repaired previously, but it still had "some leakage" after the repair. Substantial damage was sustained to the forward left side of the hull where the sponson was attached.

Photographs provided by the Federal Aviation Administration showed long-term water damage to the plywood and fiberglass hull structure.

Flight Events

Takeoff - Miscellaneous/other
Takeoff - Aircraft structural failure

Probable Cause

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

The pilot's improper decision to take off with a known structural issue, which resulted in hull damage.

Findings

Aircraft-Aircraft structures-Fuselage-Fuselage main structure-Fatigue/wear/corrosion - C
Personnel issues-Action/decision-Info processing/decision-Decision making/judgment-Pilot - C

Pilot Information

Certificate:	Private	Age:	61
Airplane Rating(s):	Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	(Estimated) 905.9 hours (Total, all aircraft), 12.9 hours (Total, this make and model), 905.9 hours (Pilot In Command, all aircraft), 12 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	DOBBS GEORGE	Registration:	N100TN
Model/Series:	COOT A	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-A2B
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KFLD, 807 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	4 knots / , 250°
Temperature:	22° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Malone, WI	Destination:	Cheboygan, MI

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
Latitude, Longitude:	44.047500, -88.440278 (est)		

Administrative Information

Investigator In Charge (IIC):	Michael A Hicks	Adopted Date:	03/18/2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=97418		

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