



# Aviation Investigation Final Report

<b>Location:</b>	Inver Grove Heights, Minnesota	<b>Accident Number:</b>	CEN24LA109
<b>Date &amp; Time:</b>	February 4, 2024, 12:30 Local	<b>Registration:</b>	N360WC
<b>Aircraft:</b>	Javron PA-12 Replica	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Landing gear not configured	<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that he was landing the airplane on the water and that after he conducted his before landing "GUMP" checklist he extended the landing gear on his amphibious airplane in error. Following the water landing, the airplane came to rest inverted in the river and sustained substantial damage to both wings and the windscreen. 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 properly configure the landing gear on his amphibious airplane before landing on water.

## Findings

<b>Personnel issues</b>	Use of equip/system - Pilot
<b>Aircraft</b>	Gear extension and retract sys - Incorrect use/operation
<b>Personnel issues</b>	Incorrect action selection - Pilot



## Factual Information

### History of Flight

Landing	Landing gear not configured (Defining event)
Landing-landing roll	Dragged wing/rotor/float/other
Landing-landing roll	Nose over/nose down

### Pilot Information

Certificate:	Airline transport; Flight instructor	Age:	64,Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane single-engine	Toxicology Performed:	
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	November 3, 2023
Occupational Pilot:	No	Last Flight Review or Equivalent:	November 4, 2022
Flight Time:	50000 hours (Total, all aircraft), 460 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Javron	Registration:	N360WC
Model/Series:	PA-12 Replica	Aircraft Category:	Airplane
Year of Manufacture:	2023	Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	JA1804118
Landing Gear Type:	Tailwheel; Amphibian	Seats:	3
Date/Type of Last Inspection:	October 12, 2023 Condition	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:		Engines:	1
Airframe Total Time:	60 Hrs as of last inspection	Engine Manufacturer:	
ELT:	C126 installed, not activated	Engine Model/Series:	
Registered Owner:	On file	Rated Power:	
Operator:	On file	Operating Certificate(s) Held:	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>	KSGS, 821 ft msl	<b>Distance from Accident Site:</b>	2 Nautical Miles
<b>Observation Time:</b>	12:35 Local	<b>Direction from Accident Site:</b>	230°
<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>	4 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	80°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.14 inches Hg	<b>Temperature/Dew Point:</b>	7°C / -1°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Minneapolis, MN, MN (KLVN)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	Traffic advisory
<b>Departure Time:</b>		<b>Type of Airspace:</b>	Class G

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor	<b>Latitude, Longitude:</b>	44.822353,-93.00766(est)

## Administrative Information

Investigator In Charge (IIC):	Miller, Bradley
Additional Participating Persons:	Greg Thurston; FAA; Minneapolis, MN
Original Publish Date:	April 12, 2024
Last Revision Date:	
Investigation Class:	<a href="#">Class 4</a>
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	<a href="https://data.nts.gov/Docket?ProjectID=193752">https://data.nts.gov/Docket?ProjectID=193752</a>

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