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### Pro Boat PRB08045T1

# Pro Boat Sprintjet 9" Self-Righting Deep-V Jet Boat Instruction Manual

Model: PRB08045T1

## INTRODUCTION

This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your Pro Boat Sprintjet 9" Self-Righting Deep-V Jet Boat. Please read this manual thoroughly before operating your boat to ensure proper function and longevity of the product.



Image: The Pro Boat Sprintjet 9" RC Jet Boat, showcasing its sleek design and shark-mouth graphics on the bow.

## SAFETY INFORMATION

**WARNING:** Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury. This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. The product manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

## WHAT'S IN THE BOX

Your Pro Boat Sprintjet 9" package includes the following components:

- Sprintjet 9-Inch RC Boat
- 2.4GHz Transmitter and Receiver
- 2S 7.4V 600mAh LiPo battery with USB-C smart charger and USB-C to USB Cable
- AA Batteries for Transmitter (4)
- Product Manual (this document)



Image: All components included in the Pro Boat Sprintjet package: the boat, remote control, LiPo battery, USB-C charger, and USB cable.

## SETUP

## 1. Charging the LiPo Battery

1. Connect the USB-C smart charger to a compatible USB power source (e.g., computer, wall adapter).
2. Connect the 2S 7.4V 600mAh LiPo battery to the charger. Ensure correct polarity.
3. Allow the battery to charge fully. The charger's indicator light will change to show charging status (refer to charger instructions for specific light patterns).
4. **Important:** Always supervise LiPo battery charging. Do not charge unattended.

## 2. Installing Transmitter Batteries

1. Open the battery compartment on the back of the 2.4GHz transmitter.
2. Insert the four (4) AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment securely.

## 3. Preparing the Boat

1. Carefully remove the boat's canopy to access the internal electronics.
2. Connect the fully charged LiPo battery to the Electronic Speed Controller (ESC) connector inside the hull.
3. Ensure all wires are neatly tucked away to prevent interference with moving parts or damage when replacing the canopy.
4. Securely reattach the canopy, ensuring a watertight seal.

## 4. Steering Endpoint Adjustment (Recommended)

To optimize steering performance and prevent potential servo damage, it is recommended to adjust the steering endpoints. Refer to your transmitter's manual for specific instructions on how to set steering travel limits. This prevents the servo from over-traveling and stalling, which can lead to premature wear.

## OPERATING YOUR SPRINTJET

### 1. Pre-Run Checklist

- Ensure the LiPo battery is fully charged and securely connected inside the boat.
- Verify the transmitter batteries are fresh or fully charged.
- Check that the boat's canopy is properly sealed.
- Inspect the jet pump for any obstructions.

### 2. Powering On

1. Turn on the transmitter first.
2. Then, turn on the boat's power switch (located inside the hull, accessible by removing the canopy if not externally mounted).
3. Wait for the boat and transmitter to establish a connection (indicated by LED lights, refer to specific component manuals).

### 3. Launching and Controls

Gently place the boat in the water. Use the trigger on the transmitter for throttle control (pull for forward, push for reverse/brake). Use the steering wheel for directional control (left for left, right for right). The jet pump design provides excellent maneuverability.



Image: The Pro Boat Sprintjet 9" RC Jet Boat operating in water, showing its wake.

#### **4. Self-Righting Feature**

The Sprintjet features a self-righting hull design. If the boat flips over during operation, apply full throttle briefly. The boat should automatically right itself. If it does not, try reversing and then applying full throttle again. This feature is most effective in calm water conditions.

#### **5. Operating Environment**

Operate the Sprintjet in calm, open water free of debris, weeds, and other obstacles. Avoid operating in strong currents or high winds. Always maintain a clear line of sight to your boat.





Image: A hand holding the Pro Boat Sprintjet 9" RC Jet Boat, ready to be placed into the water.

## MAINTENANCE

### 1. After Each Run

- **Dry the Boat:** Thoroughly dry the exterior of the boat with a soft cloth.
- **Internal Drying:** Remove the canopy and disconnect the battery. Use compressed air to blow out any moisture from the internal electronics compartment. This is crucial for preventing corrosion.
- **Inspect Jet Pump:** Check the jet pump intake and nozzle for any debris (weeds, small stones) and remove them carefully.
- **Battery Care:** Disconnect the LiPo battery and store it in a cool, dry place at storage voltage if not using for an extended period. Never store a fully charged or fully discharged LiPo battery.

### 2. Regular Inspection

- **Hull Integrity:** Periodically inspect the hull for cracks or damage. Repair any damage promptly to

maintain watertightness.

- **Motor Temperature:** The 390-size brushed motor can get warm during operation. While normal, excessive heat can indicate issues. Ensure proper ventilation and avoid continuous full-throttle runs without breaks.
- **Steering Linkage:** Check the steering servo and linkage for smooth operation and any signs of wear or looseness.

### 3. Storage

Store the boat in a dry, cool environment away from direct sunlight and extreme temperatures. Ensure the battery is disconnected and stored safely.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not respond to transmitter.	<ul style="list-style-type: none"><li>• Transmitter or boat battery low/dead.</li><li>• Boat or transmitter not powered on.</li><li>• Not bound correctly.</li></ul>	<ul style="list-style-type: none"><li>• Charge/replace batteries.</li><li>• Ensure both are powered on in correct sequence.</li><li>• Refer to transmitter manual for binding procedure.</li></ul>
Boat is slow or lacks power.	<ul style="list-style-type: none"><li>• Battery not fully charged.</li><li>• Debris in jet pump.</li><li>• Motor overheating.</li></ul>	<ul style="list-style-type: none"><li>• Fully charge LiPo battery.</li><li>• Clear any obstructions from the jet pump.</li><li>• Allow motor to cool down. Avoid prolonged full-throttle use.</li></ul>
Boat does not self-right.	<ul style="list-style-type: none"><li>• Insufficient throttle applied.</li><li>• Operating in choppy water.</li><li>• Low battery.</li></ul>	<ul style="list-style-type: none"><li>• Apply full throttle briefly. Try reversing then full throttle.</li><li>• Move to calmer water.</li><li>• Charge battery.</li></ul>
Steering is erratic or unresponsive.	<ul style="list-style-type: none"><li>• Steering servo linkage loose or damaged.</li><li>• Steering endpoints not set correctly.</li><li>• Water in servo.</li></ul>	<ul style="list-style-type: none"><li>• Inspect and secure/replace linkage.</li><li>• Adjust steering endpoints as per transmitter manual.</li><li>• Dry out boat thoroughly after use.</li></ul>

## SPECIFICATIONS

Feature	Detail
Model Number	PRB08045T1

Feature	Detail
Product Dimensions	12.5 x 8.1 x 4.4 inches
Item Weight	1.76 pounds
Recommended Age	14 years and up
Battery	1 Lithium Polymer battery (2S 7.4V 600mAh)
Motor Type	Brushed, 390-Size
Hull Design	Self-Righting Deep-V, Injection Molded Plastic
Propulsion	Jet Pump
Steering Servo	Waterproof
Transmitter	2.4GHz

## WARRANTY AND SUPPORT



This Pro Boat product is manufactured by Horizon Hobby, LLC. For warranty information, technical support, or to purchase replacement parts, please visit the official Horizon Hobby website or contact their customer service department. Keep your proof of purchase for any warranty claims.

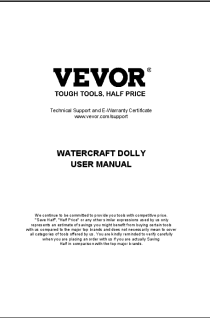


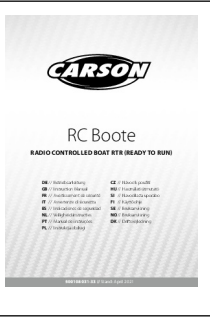
**Manufacturer:** Horizon Hobby

**Brand:** Pro Boat

For further assistance, please refer to the contact information provided on the official [Horizon Hobby website](#).

## Related Documents - PRB08045T1

	<p><a href="#">Pro Boat Jetstream Jet Boat RTR Owners Manual</a></p> <p>Comprehensive owners manual for the Pro Boat Jetstream Jet Boat RTR (Ready-to-Run) model PRB08051. Includes safety precautions, operation instructions, maintenance procedures, troubleshooting, parts lists, and warranty information for this high-performance RC adventure boat.</p>
	<p><a href="#">CARSON Bella Luisa 2.4 GHz RTR Model Boat - User Manual</a></p> <p>Discover the CARSON Bella Luisa 2.4 GHz RTR model boat. This comprehensive manual provides essential setup, operation, and safety instructions for your radio-controlled boat, ensuring an optimal and enjoyable experience for hobbyists. Explore the features and guidelines to get the most out of your CARSON Bella Luisa boat.</p>

 <p>The VEVOR logo is at the top left, with the tagline 'TOUGH TOOLS. HALF PRICE' below it. The title 'WATERCRAFT DOLLY USER MANUAL' is centered. At the bottom, there is a small disclaimer in English and Chinese.</p>	<p><a href="#">VEVOR Watercraft Dolly User Manual RYT-1300</a></p> <p>User manual for the VEVOR Watercraft Dolly, model RYT-1300. Includes specifications, parts list, safety instructions, and assembly guide for easy setup and operation.</p>
 <p>The cover features the LEGO Friends logo and a colorful illustration of the Sunshine Catamaran set 41317 on the water.</p>	<p><a href="#">LEGO Friends Sunshine Catamaran 41317 Building Instructions</a></p> <p>Step-by-step guide for assembling the LEGO Friends Sunshine Catamaran set 41317. Discover how to build this fun playset with detailed instructions.</p>
 <p>The cover shows a sleek speedboat with the 'JETSTREAM' and 'ADVENTURE BOATS' branding. The Pro Boat logo is in the top left corner.</p>	<p><a href="#">Pro Boat Jetstream Jet Boat RTR Owners Manual</a></p> <p>Comprehensive owners manual for the Pro Boat Jetstream Jet Boat RTR (Ready-to-Run) model PRB08051, covering setup, operation, maintenance, troubleshooting, and safety guidelines for optimal performance and longevity in fresh water conditions.</p>
 <p>The cover has the CARSON logo at the top. Below it, the title 'RC Boote' and 'RADIO CONTROLLED BOAT RTR (READY TO RUN)' are displayed. A table of contents is visible at the bottom.</p>	<p><a href="#">CARSON RC Boats: Radio Controlled Boat RTR User Manual and Safety Guide</a></p> <p>Comprehensive user manual and safety guide for CARSON RC Boats (Ready to Run) models 500108031, 500108032, and 500108033. Includes setup, operation, battery handling, and safety precautions.</p>





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