

— PHANTOM 1540 SLD — ALUMINUM OUTBOARD

# OPERATOR'S USER MANUAL

2026 MODEL YEAR

**HULL** 5852 Aluminum - All-Welded | **ENGINE** Honda BF250GLRT - 25 HP | **SOWAR** Humminbird Helix 7 CHRP MS1 GPS G4 | **PUBLICATION** May 2026

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## 01 SAFETY WARNINGS & PRECAUTIONS

**WARNING** Read this entire manual before operating your vessel. Failure to follow all safety instructions can result in serious injury or death. Always wear a U.S. Coast Guard-approved personal flotation device (PFD) while on the water.

### ◆ GENERAL SAFETY RULES

- Always wear a USCG-approved personal flotation device (PFD) while on the water.
- Never operate the vessel under the influence of alcohol, drugs, or any impairing substance.
- Check weather conditions before every trip. Do not operate in high winds, lightning, or reduced visibility.
- Ensure all passengers are seated before operating at speed.
- Never exceed the vessel's maximum weight or passenger capacity rating.
- Keep all passengers away from the motor and propeller area at all times.
- Carry a fire extinguisher, whistle, and distress signals on board at all times.

### ◆ ENGINE SAFETY

- Always attach the engine cut-off lanyard to your person before operating.
- Inspect fuel lines and connections for leaks before each use.
- Allow the engine to warm up before operating at full throttle.
- Never refuel with the engine running. Avoid open flames or sparks near fuel.
- After fueling, open all hatches and ventilate the bilge for at least 4 minutes before starting the engine.

### ◆ TRAILER SAFETY

- Confirm all safety chains and transom straps are secured before towing.
- Verify trailer lighting is functional before each trip.
- Check tire pressure and wheel lug torque prior to each use.
- Do not exceed the trailer's Gross Vehicle Weight Rating (GVWR).
- Rinse the trailer thoroughly after use in saltwater environments.

### ◆ INVASIVE SPECIES

- Inspect and remove all aquatic plants and animals before leaving any water access.
- Drain all water from the boat, bilge, livewell, and motor before transporting.
- Never transport fish or water between separate bodies of water.
- The smooth-surface galvanized trailer (no marine carpet) is designed to minimize invasive species transport risk.

## 02 VESSEL OVERVIEW & SPECIFICATIONS

### ◆ HULL SPECIFICATIONS

Hull Length	Approximately 15 feet
Beam	67 inches
Bottom Width	48 inches
Steering	Tiller
Hull Angle	0° All-Welded
Alloy Grade	5052 Aluminum
Floor Gauge	.105 Gauge Treadplate
Keel	3/16" Extruded
Floors & Decks	All Aluminum
Bow & Stern Eyes	Stainless Steel
Caprails	Diversized Extruded w/ Accessory Track & Rub Rail
Technology	Extreme Turn (EXT)
Primary Color	Olive Drab
Alternate Color	Sharkskin
Flotation	USCG Compliant

### ◆ DECK & STORAGE

Front Deck	Low design with anchor storage
Rear Deck	Split deck with built-in storage
Sun Box	Built-in, integrated
Battery / Fuel Area	Dedicated floored area
Drain Plug	Inside access

### ◆ ELECTRONICS

Depth Finder	Humminbird Helix 7 CHRP MS1 GPS G4
Mounting	Transducer Bracket - Stern Mounted

### ◆ ENGINE SUMMARY

Make / Model	Honda BF250GLRT
Horsepower	25 HP
CARB Rating	2-Star ***
Start	Electric Start

## 03 ENGINE / OUTBOARD MOTOR

### ◆ ENGINE SPECIFICATIONS

Make / Model	Honda BF250LRT
Model Year	Current / Newest Production
Horsepower	25 HP
CARB Rating	3-Star ★★★
Tilt	Power Tilt
Start	Electric Start
Battery	Marine Grade – Installed
Steering	Tiller – Matched to Hull
Propeller (Primary)	Standard – Installed
Propeller (Spare)	Matching Dimensions – Not Installed

### ◆ STARTING THE ENGINE

- Confirm the engine cut-off lanyard is attached to your person.
- Ensure the gear shift is in neutral.
- Turn the key or press the electric start button to start the engine.
- Allow the engine to warm up for 2-3 minutes at idle before applying throttle.
- Monitor the engine temperature gauge during initial warm-up.

### ◆ STOPPING THE ENGINE

- Reduce throttle to idle before shifting to neutral.
- Turn the ignition key to the off position.
- Remove the engine cut-off lanyard after the engine is fully stopped.
- If the engine fails to stop normally, pull the cut-off lanyard to kill the engine.

### ◆ TILT & TRIM

- Use the power tilt to raise the engine when in shallow water or when trailering.
- Never run the engine at full tilt – lower the engine fully before operating at speed.
- Tilt the engine up when leaving the water to prevent corrosion and vegetation accumulation.

### ◆ PROPELLER CARE

- Inspect the propeller for dings, dents, or fishing line before each use.
- A damaged propeller reduces performance and can damage the engine – replace immediately.
- A matching spare propeller is included – store it securely on the vessel.
- Always stop the engine before inspecting or replacing the propeller.

### ◆ ENGINE MAINTENANCE SCHEDULE

Interval	Service Required
Before Each Use	Check oil level, inspect fuel lines, check propeller
After Each Use	Flush engine with fresh water if used in saltwater
Every 50 Hours	Change engine oil and filter
Every 100 Hours	Replace spark plugs, inspect throttle and shift cables
Annually	Full service by authorized Honda Marine technician

Refer to the **Honda BF250LRT Owner's Manual** for complete service intervals and authorized dealer locations: [hondamarine.com](http://hondamarine.com) • 1-800-426-7701

## 04 DEPTH FINDER OPERATION

### ◆ HUMMINBIRD HELIX 7 CHIRP MSI GPS G4 – OVERVIEW

Your vessel is equipped with the Humminbird Helix 7 CHIRP MSI GPS G4 depth finder with transducer bracket. This unit provides precision sonar mapping and GPS positioning for navigation on any waterway.

Unit	Humminbird Helix 7 CHIRP MSI GPS G4
Feature	Mega Side Imaging (MSI)
Mounting	Transducer Bracket – Stern Mounted

### ◆ TRANSDUCER CARE

- The transducer is pre-mounted at the stern – do not relocate without consulting the manufacturer.
- Inspect the transducer cable connection before each use.
- Rinse the transducer with fresh water after every use.
- Do not allow the transducer to strike the trailer frame or ramp during loading.

### ◆ BASIC OPERATION

- Power on by pressing and holding the POWER key.
- Allow the GPS to acquire satellite signals before navigating (typically 1-3 minutes).
- Use the arrow keys to navigate menus and adjust settings.
- Select Sonar view to monitor water depth and underwater structure.
- Select Chart view for GPS map navigation.
- Use MSI (Mega Side Imaging) for wide-angle, high-resolution side-scan views.

For complete operating instructions, menu options, and software updates, refer to the **Humminbird Helix 7 Owner's Manual** or visit [humminbird.com](http://humminbird.com) • 1-800-633-1468

## 05 TRAILER OPERATION

## TRAILER SPECIFICATIONS

Model Year	2026 or newer
Finish	Galvanized
Frame	I-Beam / Open Channel
Style	Bunk
Guides	Bunk Style
Connector	7-Spade RV – Hardwired
Winch Strap	2" x 25 Ft. with Hook
Spare Tire	Galvanized Matching – Mounted
Surface	Smooth Only – No Carpet
Lighting	Waterproof LED
Hub System	SS Bearing Buddies / EZ-Lube / Oil Bath
Brakes	Electric or Surge w/ Breakaway
Safety Chains	2x Snap Hook Rated + 1x Boat Eye
Transom Straps	2x Retractable
Transom Saver	Adjustable Support Bar

## LOADING THE BOAT

- Back the trailer into the water until the bunks are submerged enough to float the boat.
- Do not submerge the trailer wheel hubs beyond the recommended depth.
- Guide the boat onto the trailer, aligning the keel with the center bunk.
- Attach the winch strap to the bow eye and winch the boat forward until secure.
- Attach both transom tie-down straps and confirm the transom saver bar is correctly positioned.
- Connect safety chains in a crossed pattern under the trailer tongue.
- Connect the 7-spade RV electrical connector to the tow vehicle.
- Verify all lights are functional before departing.

## PRE-TRIP TRAILER CHECKLIST

- |   |   |
|---|---|
| <input type="checkbox"/> Tire pressure within range | <input type="checkbox"/> Lug nuts torqued       |
| <input type="checkbox"/> Hitch coupler locked       | <input type="checkbox"/> Safety chains crossed  |
| <input type="checkbox"/> All lights operational     | <input type="checkbox"/> Winch strap secure     |
| <input type="checkbox"/> Both transom straps on     | <input type="checkbox"/> Transom saver in place |
| <input type="checkbox"/> Spare tire inflated        | <input type="checkbox"/> Drain plug installed   |

## HUB & BEARING MAINTENANCE

- Check hub grease / oil level before each use.
- Replenish bearing grease per the manufacturer's schedule (typically every 5,000 miles or annually).
- Allow hubs to cool before submerging – prevents thermal shock to bearings.
- Replace bearing seals immediately if water contamination is detected.

## CLEANING & STORAGE

### AFTER EACH USE

- Rinse the entire boat, motor, and trailer with fresh water immediately after use.
- Remove all aquatic plants, mud, and debris from the hull and trailer.
- Drain the bilge, livewell, and any standing water from the boat.
- Wipe down all aluminum surfaces with a clean cloth.
- Flush the outboard engine with fresh water per Honda's instructions.

### ALUMINUM CARE

- Rinse aluminum surfaces after saltwater use to prevent oxidation.
- Apply a marine-grade aluminum cleaner annually to remove oxidation and restore appearance.
- Do not use abrasive materials or pads that can scratch the aluminum surface.

### SEASONAL WINTERIZATION

- Add fuel stabilizer to the tank and run the engine to treat the fuel system and carburetor.
- Fog the engine cylinders with fogging oil per Honda's procedure.
- Change the engine oil and gear lube.
- Remove the battery and store in a warm, dry location – maintain a float charge.
- Grease all trailer hubs and inspect wheel bearings.
- Cover the boat with a breathable, UV-resistant cover to prevent UV damage and debris accumulation.
- Store the trailer on level ground; use stabilizer stands to prevent tire flat spots.

## TROUBLESHOOTING

Symptom	Likely Cause & Action
Engine will not start	Check battery connections; ensure key is on; verify fuel supply; confirm cut-off lanyard is attached to your person.
Engine runs rough	Check for water in fuel; inspect spark plugs and air filter. Contact an authorized Honda Marine dealer if the issue persists.
Loss of power	Inspect propeller for damage or fishing line wrapped around the prop shaft. Stop the engine before inspecting.
Excessive vibration	Stop immediately. Inspect the propeller for damage or debris. Do not continue operating until the cause is identified.
Depth finder not powering on	Check wiring connections at the unit and battery. Verify battery charge. Inspect fuse in the wiring harness.
GPS not acquiring signal	Move to open water with clear sky view. Allow 2-5 minutes for satellite lock. Check antenna cable connection.
Trailer lights not working	Check the 7-spade RV connector. Inspect the trailer wiring harness for corrosion or damaged connections.
Boat taking on water	Ensure the drain plug is fully installed and seated. Inspect the hull for damage.

## 88 PACKAGE CONTENTS CHECKLIST

### ◆ BOAT

• 2026 Phantom 1548 SLD Hull – 5092 Aluminum All-Welded
• .125 Gauge Treadplate Floor
• 3/16" Extruded Keel
• All Aluminum Floors & Decks
• Built-In Gun Box
• Extreme Turn Technology (EXT)
• Low Front Deck w/ Anchor Storage
• Split Rear Deck with Storage
• Floored Area for Battery & Fuel Tank
• Inside Drain Plug Access
• Oversized Extruded Caprails w/ Accessory Track & Rub Rail
• Stainless Steel Bow & Stern Eyes
• Olive Drab Factory Paint
• Helix 7 CHRP MSI EPS G4 w/ Transducer Bracket
• NMMA Certified / USCG Hull ID

### ◆ MOTOR

• Honda BF250DLRT – Current Model Year
• 3-Star CARB Rated ★★★
• Power Tilt
• Electric Start
• Marine Grade Battery – Installed
• Tiller Steering – Matched to Hull
• Standard Propeller – Installed
• Spare Propeller – Matching, Not Installed
<b>◆ DOCUMENTATION</b>
• MSD / Tiltlets)
• Inventory Sheet
• Operator's Manual – Paper or Electronic
• Parts, Service & Operator Manuals
• Spare Keys
• Equipment Sales Literature

### ◆ TRAILER

• 2026+ Galvanized Bunk Trailer
• Smooth I-Beam / Open Channel Frame
• Bunk-Style Guides
• 7-Spade RV Connector – Hardwired
• 2" x 25 Ft. Winch Strap with Hook
• SS Bearing Buddies / EZ-Lube / Oil Bath Hubs
• Breakaway Brakes (Electric or Surge)
• Two Transom Tie-Down Straps – Retractable
• Adjustable Transom Saver Bar
• Waterproof LED Lighting
• Galvanized Spare Tire – Mounted
• Safety Chains w/ Snap Hooks
• Fender Step (if available)

## 89 CONTACT INFORMATION

### ◆ SUPERFORMANCE JET BOATS LLC

#### MANUFACTURER & WARRANTY CONTACT

Contact	Camilla Oliver
Address	2637 W 76 St, Hialeah, FL 33016
Phone	322.208.4278
Email	camilla@sd4bus

### ◆ HONDA MARINE

#### ENGINE SERVICE & WARRANTY

Website	hondamarine.com
Support	1-800-426-7701
Dealers	Locate at hondamarine.com

### ◆ HUMMINBIRD

#### ELECTRONICS SUPPORT

Website	humminbird.com
Support	1-800-633-1468