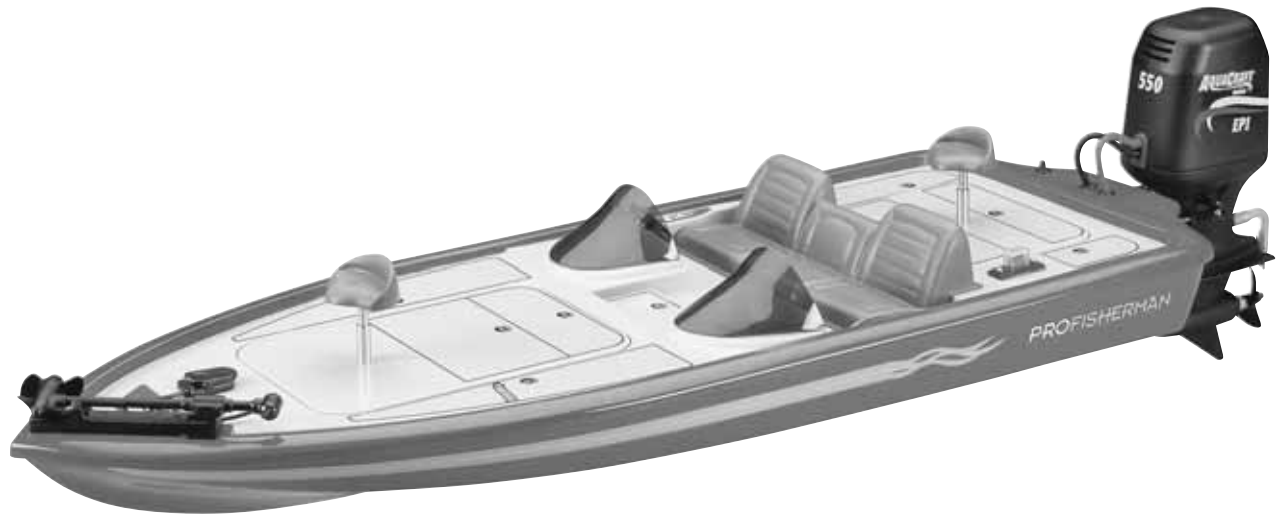




# PROFISHERMAN™ BASS BOAT



**AQUACRAFT™**  
Models by **HOBBICO®**

### **Warranty**

**AquaCraft™** will warrant this kit for 90 days after the date of purchase from defects in materials or workmanship. **AquaCraft** will either repair or replace, at no charge, the incorrectly made part.

Make sure you save the receipt or invoice you were given when you bought your model! It is your proof of purchase and we must see it before we can honor the warranty.

To return your Pro Fisherman Bass Boat for repairs covered under warranty you should send your boat to:

Hobby Services  
3002 N. Apollo Drive, Suite 1  
Champaign, Illinois 61822  
Attn: Service Department  
Phone: (217) 398-0007 9:00 am – 5:00 pm Central Time M-F  
E-mail: [hobbyservices@hobbico.com](mailto:hobbyservices@hobbico.com)

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## INTRODUCTION

Thank you for purchasing the Pro Fisherman™! We at AquaCraft know how exciting a new R/C boat purchase can be and we know you're anxious to get started, but please take time to read these instructions carefully and completely before attempting to operate your model. This manual contains the instructions you need to safely operate and maintain your boat. As with any hobby, there is the possibility of injury. Arming yourself with knowledge is the best way to avoid injury.

**If for any reason you think that this model is not for you, return it to your local dealer immediately. PLEASE NOTE: Your hobby dealer cannot accept a return on any model after the final assembly sequence has begun.**

## SAFETY PRECAUTIONS

- Adult supervision is strongly recommended! **Children should be warned** about the dangers of playing in close proximity to water.
- Do not attempt to charge battery packs in the immediate vicinity of swimming pools, lakes, rivers, oceans, inland seas, etc. Above all, **NEVER ATTEMPT TO OPERATE A CHARGER IF YOU, THE CHARGER, OR THE BATTERY PACK ARE WET.**
- **Always** remove the battery pack from the boat before re-charging.
- This boat is controlled by radio signals, which are susceptible to possible interference from other R/C transmitters, paging systems, or other electrical noise. **Before turning your radio transmitter and receiver on,** make sure no one else in the area is operating a radio on the same frequency (channel).
- Do not touch the propeller anytime the electronics are turned "ON." **Pay close attention** to items such as loose clothing, shirt sleeves, ties, scarves, long hair or any loose objects that may come in contact with the spinning

propeller. If your fingers, hands, etc. come in contact with the spinning propeller, you may be severely injured.

- The speed and mass of this boat can inflict property damage and severe personal injury if a collision occurs. **Never run this boat in the presence of swimmers** or where the possibility of collision with people or property exists.
- Electric motors can generate considerable heat. **Do not touch any part of your motor** until it has cooled. Touching the motor immediately after running the boat may result in a serious burn.

**If the buyer is not prepared to accept the liability associated with the use of this product, the buyer is advised to return this kit immediately in new and unused condition to the place of purchase.**

## REPAIR SERVICE

Repair service is available anytime.

After the 90-day warranty, you can still have your boat repaired for a small charge by the experts at AquaCraft's authorized repair facility, **Hobby Services**, at the address listed on the front page of this manual.

To speed up the repair process, please follow the instructions below.

1. Under all circumstances return the **ENTIRE** system; boat and radio.
2. Make sure the electronics are turned off and all batteries are removed.
3. Send written instructions which include a list of all items returned, a **THOROUGH** explanation of the problem, the service needed and your phone number during the day. If you expect the repair to be covered under warranty, be sure to include a proof-of-purchase date (your store receipt or purchase invoice).
4. Also be sure to send your full return address.

## SPECIFICATION & DESCRIPTION CHANGES

All pictures, descriptions, and specifications found in this instruction manual are subject to change without notice. AquaCraft maintains no responsibility for inadvertent errors in this manual.

## ITEMS REQUIRED FOR COMPLETION

- DTXC2100 – DuraTrax® 7.2 volt 1500mAh NiCd battery pack (1 required)
- DTXP4000 – AC/DC Piranha™ Peak Power charger
- FUGP7300 – Four (4) “AA” batteries. **Eight (8) “AA” batteries are required for the transmitter.**

## USEFUL TOOLBOX ITEMS

As with any hobby, it is a good idea to assemble a useful collection of tools to bring along anytime you head out to the pond. Here are some items you may wish to keep handy.

- #2 Phillips screwdriver (HCAR1024)
- 1.5mm Hex driver (HCAR1150)
- 4mm Socket or wrench
- Paper towels
- Spray-on glass cleaner
- Hook & Loop material (GPMQ4480)
- Hobby knife (HCAR0109)

## BOAT TERMINOLOGY

**BOW:** The front of the boat

**STERN:** The back of the boat

**PORT:** This is the left side of the boat when aboard and facing the front (bow). An easy way to remember this is that port and left both contain four letters.

**STARBOARD:** This is the right side of the boat when aboard and facing the front (bow).

**HULL:** The body of the boat.

**DECK:** The top of the boat

## FINAL ASSEMBLY

Decals have been provided for your Pro Fisherman. Simply cut them out, peel, and stick! See the box for recommended decal placement.



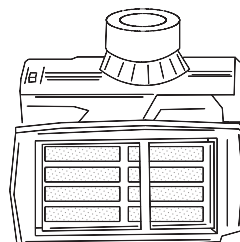
After the decals are applied, press-fit the boat's steering wheel into place as shown. The package containing the

steering wheel is located inside the hatch compartment of the hull.

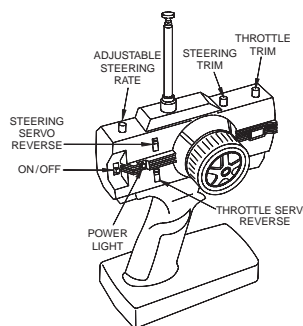
## Transmitter Assembly

**Important Note:** The transmitter is not water resistant and should never come in contact with water.

- 1. Remove the transmitter antenna from the parts bag and thread it into the top of the transmitter. To ensure that the antenna is attached, lightly pull on the base of the antenna. If it slides out, it is not installed properly.



Install (8) new "AA" batteries



- 2. Slide off the battery door on the bottom of the transmitter. Install 8 new “AA” batteries into the bottom of the transmitter in the configuration molded into the battery holder. Re-install the battery door onto the bottom of the transmitter.

- 3. Turn the transmitter “ON” using the switch on the front. The red LED light next to the on/off switch should light up. If the LED does not light up, turn the transmitter off and check to make sure that the batteries are installed properly. **If you see a flashing LED, the batteries are low and need to be replaced.**

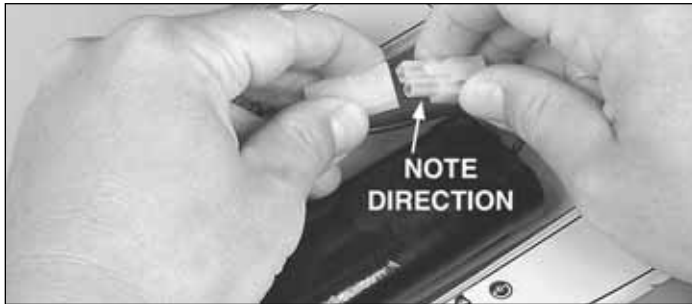
## Battery Pack Installation

**IMPORTANT!** Never leave a charger and battery pack unattended while charging. Use only the recommended battery pack and an appropriate charger. Do not attempt to charge the battery while it is installed in the Pro Fisherman. Refer to the instructions included with your charger for proper battery charging procedure.



- 1. Remove the forward hatch by grasping the fishing seat and gently lifting as shown to reveal the battery compartment. Peel the backing off of the supplied hook & loop material and apply the “loop” side to your 6-cell battery pack.

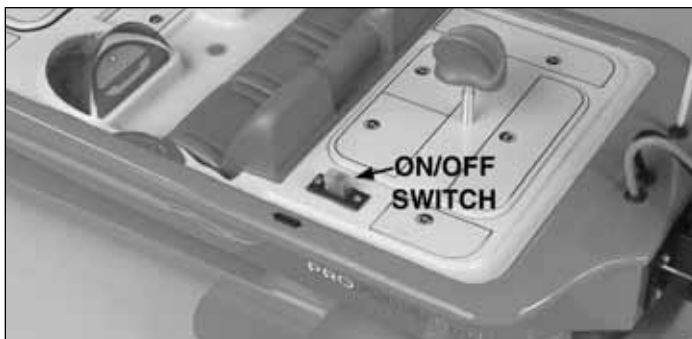
- ❑ 2. With the forward hatch removed from the deck, place a fully charged battery pack onto the battery tray as shown.



- ❑ 3. Plug the battery pack into the boat's ESC (Electronic Speed Control) battery connector. Do not force them together; they are designed to fit together only one way.

- ❑ 4. Put the forward hatch back into place (note direction). Make sure that the hook & loop material connects properly.

### Check the Radio System



- ❑ 1. Turn the power "ON" to the transmitter and Pro Fisherman (in that order).

- ❑ 2. If the boat's propeller begins to spin once power is turned "ON," make sure your transmitter is "ON" and simply rotate the throttle trim knob located atop the transmitter until it stops.

- ❑ 3. Standing behind the boat with the radio system turned "ON," rotate the steering wheel of your transmitter to the left. The outboard unit should move towards the left. Rotate the steering wheel of your transmitter to the right. The back of the outboard unit should move towards the right. If this is not the case, simply move the transmitter's steering servo reverse switch to the other position.

- ❑ 4. Squeeze the trigger on the transmitter; this should activate the propeller in a counterclockwise motion. If this is not the case, try moving the throttle servo reversing switch to the other position. Pushing the trigger forward will activate the propeller in a clockwise rotation; this is the "REVERSE" feature and it can be used to either back out of precarious water or slow the boat down quickly.

- ❑ 5. The D/R knob located atop the transmitter is the steering rate adjustment. Turning the knob to the right increases the total movement of the outboard unit while turning it to the left decreases the movement.

- ❑ 6. Turn the power "OFF" to your boat and then your transmitter (**always**, in that order).

### PLEASE READ BEFORE Running the Pro Fisherman:

- **NEVER** attempt to swim after a stalled or capsized boat! Wait patiently for the wind currents to return the boat to shore or use a tennis ball attached to the end of a fishing rod to retrieve a stalled or capsized boat.
- It is dangerous to operate any R/C vehicle at any time that there is not sufficient light.
- R/C models produce vibrations which *will* cause screws, nuts, bolts, etc, on your model to become loose over time. **It is important to make sure that all hardware is secure** before operating your model.
- **The edges of the propeller are very sharp and can cut your fingers** if you are not careful. At no time should you ever attempt to stop the prop with your hand. In the event that weeds become entangled in the propeller, turn the Pro Fisherman's power "OFF" before attempting to remove them.
- **CAUTION:** Your Pro Fisherman may take on small amounts of water, especially when running in rough water due to high winds or when making tight turns. Keep a roll of paper towels handy and dry out the hull interior after every run.
- Total run time of the Pro Fisherman is approximately 6-10 minutes (assuming you begin with a fully charged battery pack). When you notice a decrease in power or sluggish steering response, it means the battery pack is nearly drained and it's time to head for shore. As soon as the boat reaches shore, turn off the power to the boat's receiver and transmitter (in that order).
- **CAUTION: The motor and battery may be hot!** Allow them to cool for a few minutes before attempting to remove the battery pack.
- After running, store your Pro Fisherman with both hatches opened to allow the interior to dry out completely. If you fail to do this, it may result in corrosion of the electronic components.

- **IMPORTANT:** If, for whatever reason, your boat takes on a large amount of water causing the radio equipment to get wet, you must do the following immediately: Remove the battery pack and radio equipment from the boat. Allow the components to air dry completely before reassembling. Reinstall the components and check for proper operation before running the boat in water.

### Launch Procedure

- 1 Turn the power "ON" to the transmitter and receiver (in that order).
2. Gently place the boat in water that is at least 8" deep and free of obstacles (weeds, rocks, sticks, ducks, muskrats, etc.).
3. Slowly advance the throttle to full speed and note if the boat has a tendency to turn right or left. Adjust the steering trim knob on your transmitter until the boat runs in a straight line when the steering wheel is at neutral.
4. When finished running, be sure to turn the power "OFF" to your boat and transmitter (in that order).

### The Waiting Game

If your Pro Fisherman should happen to stall, wind and/or water currents will *slowly* carry it to shore. The bad news is that the boat could be carried to the opposite shore. When surveying areas to run your boat, keep variables in mind such as wind direction, size of the lake, strength of river currents, etc. **Above all, NEVER attempt to swim after a stalled boat.**

### Helpful Tip

Use a fishing rod with at least 12lb. line and a tennis ball tied to the end to retrieve a stalled boat.

**KEEP ON BASSIN'**

### Regular Maintenance

After every 10-12 hours of leisurely run time or after a day of competition, it is a good idea to disassemble and re-lubricate the gears, shafts, and bearings of the outboard unit with fairly heavy-duty grease (not oil). Be sure to wipe away any old grease but DO NOT use any de-greasing agents. Refer to the exploded view on page 7 for assembly diagram.

### Getting More Out Of Your Pro Fisherman

The AquaCraft Pro Fisherman comes equipped with the EP1 Outboard Motor unit. You can increase or decrease the performance of the Pro Fisherman by adjusting the ride height or the thrust angle of the EP1. Making slight adjustments can make major differences, so it is a good idea to keep a record of any adjustments you make and how it affects performance. In addition to these adjustments, performance may also be affected by the weight distribution of your onboard radio gear, speed control, battery pack(s), etc...

### Basic Maintenance

When you are through operating your boat for the day, be sure to perform these basic maintenance procedures. This will prolong the life of the Pro Fisherman and help to ensure trouble-free running. **Be sure to turn the power "OFF" to your boat and transmitter before performing any maintenance.**

- Remove the hatches.
- Remove the battery pack.
- Flip your boat over and shake any excess water from the outboard motor.
- Soak up any excess water with a paper towel.
- Locate and remove the "endcap" at the base of the outboard unit by turning it counterclockwise. This will allow you to release any water trapped in the gear housing. The "bullet" at the front of the outboard unit is also removed by counterclockwise rotation. This allows access to the front shaft bearing.
- Make sure the propeller and drive dog are free of moss and other debris.
- Wipe down the entire boat with spray-on glass cleaner and a paper towel.

**GOOD LUCK AND GREAT BOATING!**

### ORDERING REPLACEMENT PARTS

To order replacement parts for the AquaCraft Pro Fisherman, use the order numbers in the **Replacement Parts List** that follows. Replacement parts are available only as listed and can be purchased from hobby shops or mail order/Internet order firms. Hardware items (screws, nuts, bolts) are also available from these outlets. If you need assistance locating a dealer to purchase parts, visit [www.hobbico.com](http://www.hobbico.com) and click on "Where to buy". If this kit is missing parts, contact Hobbico Product Support.

### Replacement Parts List

| Order #  | Item               | Description                                                      |
|----------|--------------------|------------------------------------------------------------------|
| HCAB6311 | Decal Sheet        | All the decals for each hull are on one sheet                    |
| HCAB7007 | Front Hatch        | Includes one front hatch with fishing seat                       |
| HCAB7006 | Rear Hatch         | Includes one rear hatch with fishing seat                        |
| HCAB8800 | Plastic Pieces     | Includes trolling motor, foot pedal, windshields, steering wheel |
| HCAB7101 | Boat Stand Trailer | Includes one trailer, unpainted.                                 |

## Replacement Parts List EP1 Outboard Motor

| Order #  | Item                          | Key Number                                            |
|----------|-------------------------------|-------------------------------------------------------|
| HCAB7861 | Outboard Motor Unit           | *This is the part number for the entire outboard unit |
| HCAB6457 | Outboard Upper Cover          | #1                                                    |
| HCAB7857 | Outboard Lower Unit           | #2                                                    |
| HCAB7750 | Propeller Set                 | #16, 17, 18, 19 x2                                    |
| HCAB7856 | Ball Bearings                 | #G x4                                                 |
| HCAB3479 | Motor                         | #3                                                    |
| HCAB7858 | Motor Coupler & Gasket        | #6, A, #7                                             |
| HCAB8100 | Transom Mount                 | #22, C x2, D x2                                       |
| HCAB7801 | Linkage Ball Studs & Linkages | #23 x2, E x2, F x2                                    |
| HCAZ3023 | Instruction Manual            |                                                       |

### Hardware Listing

- A. 3 x 3mm Set Screw
- B. 3 x 8mm Hex Head Screw
- C. 3 x 16mm Hex Head Screw
- D. 3mm Nylon Insert Locknut
- E. 2mm Nut
- F. 2 x 8mm Screw
- G. 5 x 10mm Ball Bearing



More easy ways to ride the waves from Aquacraft!



### Nitro Hammer™ RTR (HCAB26\*\*)

More interested in action than assembly? The Nitro Hammer hits the nail on the head for convenience and ease. Virtually everything is included and factory-installed. That goes for the provided, Futaba®-made radio system as well as the recoil-started AquaCraft marine .15 engine and tuned pipe. Plus, the fuelproofed fiberglass hull and deck are prejoined, finished in one of six trim schemes and gel-coated for protection.



### DuraTrax® Piranha™ 6- and 7-cell NiCd Battery Packs

Piranha NiCd batteries are so affordable, you can keep several on hand and charged for nonstop racing. The 1900mAh styles

weigh almost the same as the 1500mAh packs, but offer 25% more run-time capacity.

- DTXC2100 Piranha 1500mAh SCX 6-Cell Flat Standard**
- DTXC2110 Piranha 1500mAh SCX 7-Cell Flat Standard**
- DTXC2020 Piranha 1900mAh 6-Cell Flat Standard**
- DTXC2021 Piranha 1900mAh 7-Cell Flat Standard**

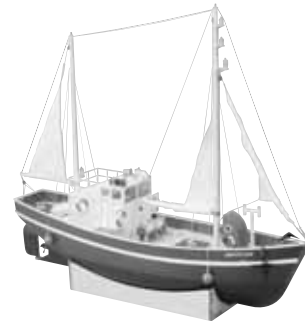


Piranha DC Peak Charger

### DuraTrax® Piranha Chargers

**CX-10** for 6-7 cell NiCd's is a fast, timed AC/DC charger. **CX-15** adds a meter for monitoring and discharge circuitry for cycling. Peak 6-7 cell NiCd and NiMH packs economically with the **DC Peak Charger**. Enjoy AC/DC flexibility with the **Piranha Peak Power Charger** for 6-7 cell NiCds. **Digital Peak Charger** offers easy programming and peak charging for 1-8 cell NiCd and NiMH batteries.

- DTXC4000 Piranha AC/DC Peak Power Charger**
- DTXC4002 Piranha DC Peak Charger**
- DTXC4005 Piranha AC/DC Digital Peak Charger**
- DTXC4011 Piranha CX-10 AC/DC Fast Charger**
- DTXC4020 Piranha CX-15 AC/DC Fast Charger with Meter**



### Bristol Bay RTR (HCAB60\*\*)

From bow to stern, the Bristol Bay boasts factory-installed, attention-getting detail like that usually found on elaborate display ships: horns, life preservers, lifeboat...even a spotlight and six running lights controlled by their own on/off switch. But assembly takes only minutes – and as authentic as this electric R/C fishing boat looks, it's also just as seaworthy! The supplied 550-size motor turns an efficient direct-drive system. You can navigate smoothly at any pace, in forward and reverse, by sending commands to the electronic speed control from the 2-channel AquaCraft radio made by Futaba. Static cloth sails capture the look of a real fishing boat – and the Bristol Bay is fully rigged out of the box!

**EXPLODED VIEWS**

