



BRISTOL BAY[™]
ELECTRIC R/C READY-TO-RUN FISHING 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 Bristol Bay Fishing 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

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INTRODUCTION

Thank you for purchasing the Bristol Bay Fishing Boat! We at AquaCraft Models 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.

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

SAFETY PRECAUTIONS

- 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 recharging.
- 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 Bristol Bay Fishing Boat may possibly 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 Bristol Bay Fishing 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 as listed 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 “AA” batteries. **Ten (10) “AA” batteries are required** (8 for the transmitter, 2 for the lighting system)

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.

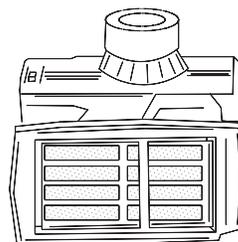
DECK: The top of the boat.

FINAL ASSEMBLY

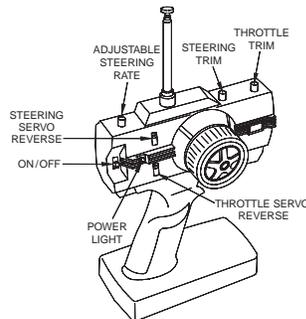
Transmitter Assembly

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 screw 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



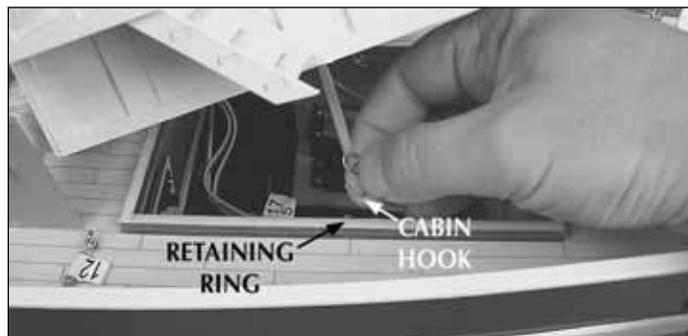
- 2. Slide off the battery door on the bottom of the transmitter. Install eight (8) new “AA” batteries into the bottom of the transmitter in the configuration molded into the battery holder. Re-install the battery door onto the bottom of the transmitter.

- 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.**

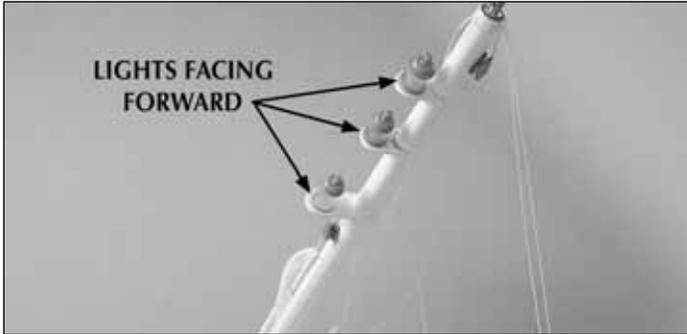
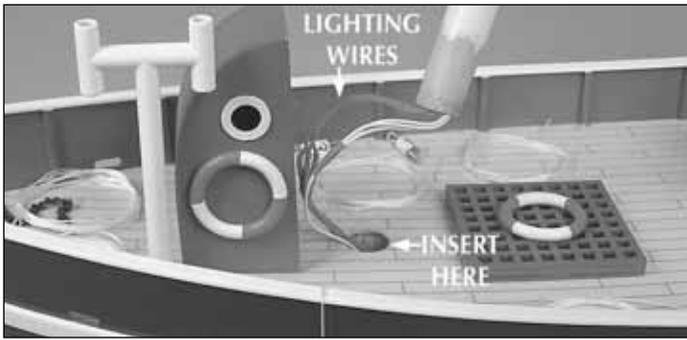
Hull

- 1. Carefully remove the Bristol Bay and boat stand from their packaging.
- 2. Carefully remove the strips of tape that hold the deck ornaments in place.

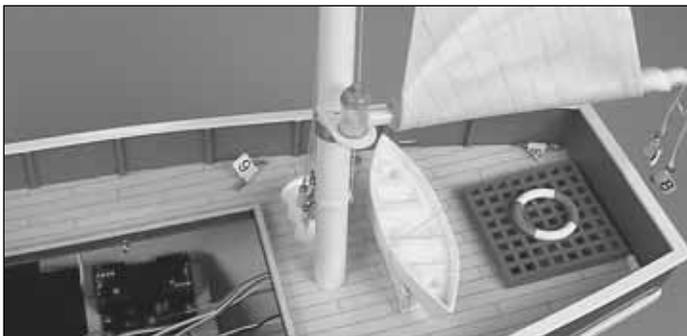
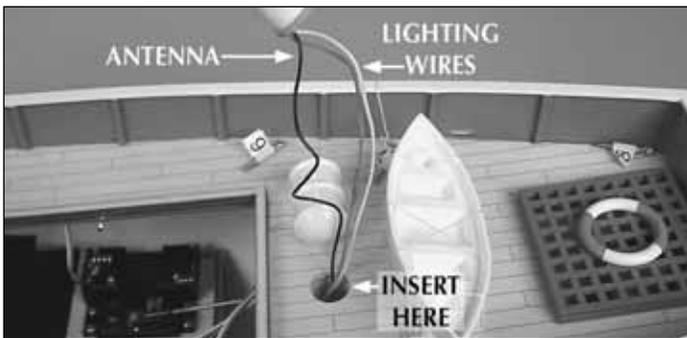
Mast & Sail Installation



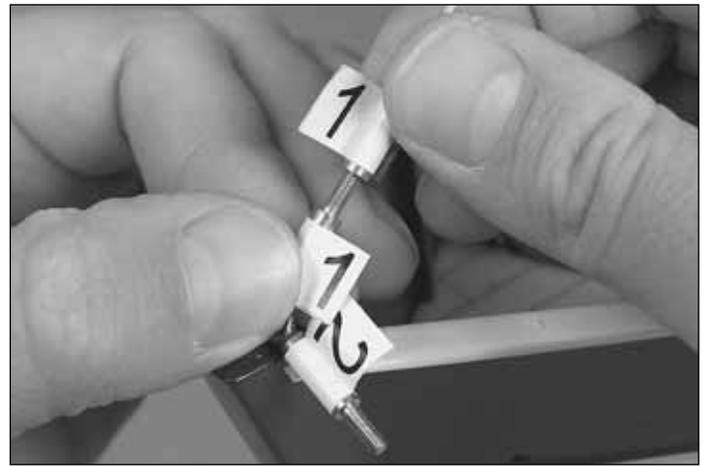
- 1. Lift the cabin gently and release the port (left) and starboard (right) cabin hooks from their retaining rings as shown.
- 2. Carefully remove the mast and sails from their packaging. Be careful of the electrical wiring for the mast lighting.



□ 3. Insert the front mast into the round opening in front of the radio compartment. Gently twist it so that the lights are facing toward the front of the boat.



□ 4. Insert the rear mast into the round opening at the rear of the radio compartment opening. Gently twist the mast so that the running light is toward the port (left) side as shown. **Note:** Be sure that the receiver antenna is inserted into the rear mast before inserting the mast into the opening.

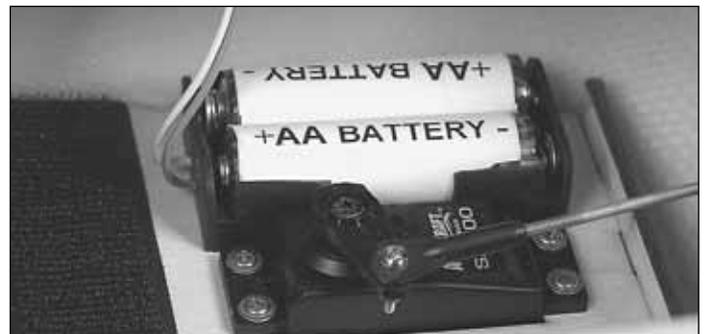


□ 5. Each rigging line and coupler has been numbered. Gently screw together the rigging couplers as shown in numerical sequence (i.e. #1 line connects to #1 rigging coupler, the #2 line connects to the #2 coupler etc...). **Note:** The numerical sequence in the photos may not match those of your model.

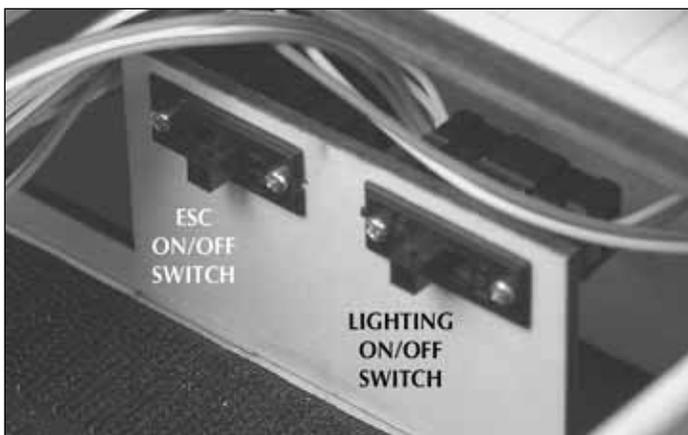


□ 6. Each lighting plug and battery connector has been numbered. Plug them into their respective battery connectors. **Note:** The connectors only fit together one way and the numerical sequence in the photos may not match that of your model.

Lighting System Battery Installation



□ 1. Install two (2) new "AA" batteries into the lighting system battery holder as shown. Be sure to follow the positive (+) and negative (-) pattern molded into the battery holder.



❑ 2. The lighting system has its own dedicated power switch. Turn the power “ON” to illuminate the running lights. If the lights appear to be dim or do not illuminate at all, this is an indication that the batteries 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 Bristol Bay.



❑ 1. Peel the backing off of the supplied hook & loop material and apply the “loop” side to your 6-cell battery pack. With the cabin removed from the deck, place a fully charged battery pack onto the battery tray as shown.



❑ 2. 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.

Check the Radio System

Note: Make sure that the receiver antenna and antenna tube are inserted into the rear mast for optimum range.



❑ 1. Turn the power “ON” to the transmitter and receiver (in that order). Attach the port (left) and starboard (right) cabin hooks to their retaining rings and carefully set the cabin in place as shown.

❑ 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 back of the rudder should move towards the left. Rotate the steering wheel of your transmitter to the right. The back of the rudder 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 counter-clockwise 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 rudder while turning it to the left decreases the rudder movement.

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

PLEASE READ BEFORE RUNNING THE BRISTOL BAY FISHING BOAT

- **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 Bristol Bay’s power “OFF” before attempting to remove them.
- **CAUTION:** Your Bristol Bay Fishing Boat 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 Bristol Bay Fishing Boat is approximately 10–15 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 may be hot!** Allow it to cool for a few minutes before attempting to remove the battery pack.
- After running, store your Bristol Bay Fishing Boat with the 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 Bristol Bay Fishing Boat 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.

GOOD LUCK AND GREAT BOATING!

ORDERING REPLACEMENT PARTS

To order replacement parts for the AquaCraft Bristol Bay Fishing Boat, 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 and click on “Where to buy”. If this kit is missing parts, contact **Hobbico Product Support**.

Replacement Parts List

Order #	Description
HCAB7760	3-Blade propeller (1 propeller with 1 lock-nut)
HCAB8703	Rudder & parts (rudder, rudder control arm, rudder metal standoff, screw to secure arm)
HCAB7860	Drive system (stuffing tube and drive shaft, prop coupler-driven dog)
HCAM7037	ESC forward/reverse (ESC includes exact wiring as the ESC included with fishing boat—motor wire with plugs, battery wire with plug, receiver wire plug and switch)
HCAG1060	550 Electric motor (includes motor wire with plugs and capacitors installed)
HCAB9200	Cloth sails (3) (includes bow, midship and aft sails with sail rigging lines attached)
HCAB9205	Rigging coupler set (12) (12 male/female rigging couplers)
HCAB9210	Rigging line (16' [5m] roll)

CHECK OUT THESE OTHER SENSATIONAL AQUACRAFT BOATS!

AquaCraft Models Air Force™ RTR (Ready-to-Run) and ARR (Almost Ready-to-Run)

- *The new “force in R/C boating!*
- *Features a FIBERGLASS hull and deck!*

Air Force Ready-to-Run HCAB27**

RTR Version Includes: AquaCraft pro 46 engine, AquaCraft 2-channel radio w/2 standard servos, propeller, engine video

Air Force Ready-to-Run HCAB27**

ARR Version Requires: .40 to .46-size engine, 2-channel radio, propeller



The Air Force can be action-ready in minutes! The fiberglass hull is durable, lightweight and resistant to the damaging effects of fuel residue. The pre-joined deck and hull reduce final assembly, and stainless steel hardware is supplied. Choose the white, gel-coated “ARR” (almost ready-to-run) version and use your own engine and radio...or get the “RTR” (ready-to-run) model in one of six brilliant, gel-coated colors, along with an AquaCraft Pro 46 engine, 2-channel AquaCraft radio made by Futaba®, and prop.

AquaCraft Models Nitro Hammer GP RTR HCAB26**

- *Fully assembled - with fiberglass deck and hull!*
- *FREE engine video with tips for tuning and maintenance!*

Includes: Recoil started AquaCraft .15 Marine engine w/tuned pipe, AquaCraft 2-channel pistol radio system, engine break-in video and stand. Requires: 20% Glow fuel, glow starter and 12 “AA” batteries

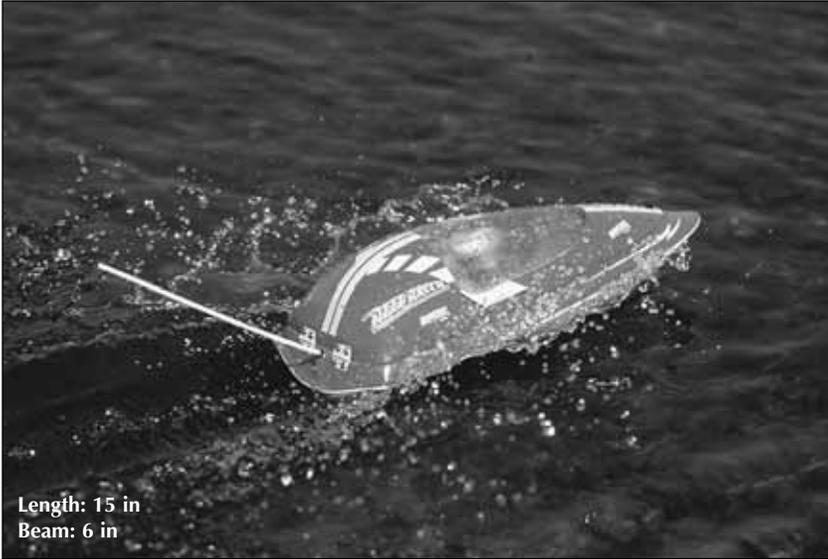


Strike hard, strike fast, with ready-to-run ease and tuned pipe power! The Nitro Hammer is factory-built of first-class materials, including a fuelproof fiberglass hull (factory-finished in one of six custom colors) and stainless steel hardware. On-board gear for the included AquaCraft 2-channel pistol radio is installed, and the recoil-started AquaCraft Marine .15 ABC engine (also installed!) comes with a power-boosting tuned pipe! A flip-top fuel tank with primer button makes sure you won't waste fuel – a free start-up video makes sure you won't waste a minute of the Nitro Hammer's performance! Just 24" long.

AquaCraft Models Reef Racer™ RTR HCAB12**

- *Includes genuine Futaba® pistol radio!*
- *Hobby quality – affordable price!*

Includes: 2-channel AquaCraft radio w/1 servo, 6-cell 1000mAh NiMH battery pack, AC wall charger, boat stand. Requires: 8 "AA" batteries



Just 15" long, this compact electric is ideal for small ponds, lakes and boaters looking for immediate off-shore excitement. It comes out of the box factory-painted, already assembled and completely equipped with a Futaba-made Aquacraft 2-channel radio, motor, forward-only ESC, NiMH battery and a 2-hour AC wall charger. Bury the throttle, and let the direct-drive system send you screaming across the water. Go for a turn, and you'll enjoy rapid-fire response and "turn on a dime handling," even at top speed. Flip or roll coming out of one, and the self-righting hull puts you back in the action in a heartbeat. Includes prebuilt stand for display and maintenance.