

# **SUPERVEE** **BRUSHLESS** **27**

## ASSEMBLY AND OPERATION MANUAL



### **Warranty**

**AquaCraft** will warrant this kit for 90 days after the purchase date 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 SuperVee 27 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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Thank you for purchasing the AquaCraft SuperVee 27 Brushless! This manual contains the instructions you need to safely prepare, operate, and maintain your R/C boat. Read over this manual thoroughly before operating the SuperVee 27 Brushless boat.

If for any reason you feel this model is not for you, return it to your local dealer immediately. PLEASE NOTE: Your hobby dealer can not accept a return on any model boat after assembly has begun.

## ITEMS REQUIRED FOR COMPLETION & BATTERY PACK RECOMMENDATIONS

You will need to purchase the following items to operate your SuperVee 27 Brushless Boat. We highly recommend the use of the following products.

### BATTERY RECOMMENDATIONS:

DTXC2162 3800mAh 7.2 volt high performance battery packs with Deans Ultra Plug (2 packs required)

Or

DTXC1905 2000mAh 7.2 volt sport battery packs with Deans Ultra Plug (2 packs required)

If you have existing 7.2 volt battery packs, you can update them for use in the SuperVee 27 by changing the connectors to Deans Ultra connectors. You can learn how to do this by reading "MODIFYING YOUR CURRENT BATTERY PACKS TO deans ULTRA CONNECTORS" on page 6 in this manual.

You will also need: 8 AA batteries for the Transmitter

### CHARGER RECOMMENDATIONS:

DTXP4002 Piranha™ DC Peak Charger, This is a good basic charger. You will also need #GPMM3131 Charge Adapter.

Or

DTXP4170 DuraTrax® IntelliPeak™ ICE™ DC Competition Charger and #GPMM3148 Charge Adapter

## SAFETY PRECAUTIONS

- Use care to **avoid touching the propeller anytime the motor is operating**. Pay equally close attention to items such as loose clothing, shirtsleeves, ties, scarves, long hair or loose objects such as screwdrivers or pencils that may fall out of shirt or jacket pockets on to the spinning prop. If your fingers, hands, etc. come in contact with the spinning propeller, you may be severely injured.
- Because of the speed and mass of this boat, it is capable of inflicting 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.
- Radio Control boats are controlled by radio signals, which are subject to possible interference from other R/C transmitters, paging systems or other electrical noise. **Before turning your radio on**, make sure no one else in the area is operating a radio on the same frequency (channel).
- **Use safety glasses when starting or running your boat.** The propeller may throw loose material such as sand or gravel into your face.
- **The metal hardware on your boat can be sharp.** Be careful handling the parts.
- **The brushless motor may become hot.** After a run allow the motor to cool before touching it.

**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.**

## SPECIFICATIONS & 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.

## USEFUL TOOLBOX ITEMS

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

- Metric and Standard Hex Drivers
- Metric wrenches (10mm and 12mm) Pliers
- Hook & Loop Material (GPMQ4480)
- Hobby Knife (HCAR0109)
- Marine-grade grease for lubricating the drive cable (AQUB9500) GrimRacer Speed Grease Driveline Cable Lube
- Extra 'AA' batteries
- Thread locking compound
- CA glue and De-bonder

## OTHER USEFUL ITEMS TO HAVE ON HAND

- Paper towels
- Spray-on glass cleaner
- Sunglasses
- Sun block
- Waders or rubber boots
- Cooler with plenty of cold water and soda
- Folding table
- Lawn chairs
- First-aid kit
- Canopy for shelter

## 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 both *port* and *left* 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.

**HATCH:** Typically a removable top to access the inside of the hull.

## PREPARING YOUR BOAT FOR OPERATION

Carefully remove your SuperVee 27 Brushless boat and stand from the box. You may wish to keep the box in order to transport and store your SuperVee Brushless 27.

Decals have been provided for your SuperVee 27 Brushless. Simply cut them out, peel, and stick! See the photos on the box for a decal placement example.

## THE BOAT STAND



Your boat comes with a custom laser cut and engraved stand. It's pre-built with soft protective cradle strips to help keep your boat scuff free and get you on the water fast.

## TRANSMITTER ASSEMBLY

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



1. Remove the transmitter antenna from the plastic bag located on the back of the cardboard transmitter protector. Screw the antenna into the hole located at the top of the transmitter. Give a light tug on the antenna to make sure it is threaded in properly.



- ❑ 2. Slide the battery door open on the bottom of the transmitter and install eight (8) fresh "AA" batteries. Follow the diagram located in the bottom of the battery tray for proper battery orientation.
- ❑ 3. Turn the transmitter "ON". The battery light should glow bright red. If the light does not turn on re-check the installation of the batteries.

#### REMOVE THE HATCH AND INSTALL THE ANTENNA



- ❑ 1. Locate and turn the rear hatch lock 1/4 turn to unlock and remove the hatch. Install the receiver antenna tube by pushing lightly into the plastic antenna base as shown.

#### INSTALLING THE BATTERIES IN THE HULL



- ❑ 1. Stick the provided Hook and Loop found in the bottom of the hull onto your batteries. Slip the batteries in place with the connector end of the battery pointing at the front of the boat. The installed laser cut battery locators in the bottom of the boat help align the batteries for the best running center of gravity for maximum boat performance.

#### POWERING UP THE SYSTEM

- ❑ 1. Turn the power "ON" to the transmitter.
- ❑ 2. Plug the batteries into the speed control plugs and listen for a single beep >BEEP<
- ❑ 3. Pull the throttle trigger to full throttle and hold until you hear one (1) beep. >BEEP<
- ❑ 4. Release the trigger and you will hear five (5) more evenly spaced short beeps. >BEEP<>BEEP<>BEEP<>BEEP<>BEEP<

**Your motor is now armed and ready for operation.**

If the system does not arm and follow the sound sequence above, unplug the batteries and change the position of the throttle reversing switch. Switch TH.REV on the transmitter and start the process over.

Slowly advance the throttle to check proper operation of the motor. If the propeller turns the wrong way switch **any** two (2), of the three (3) motor connector leads to change the direction of the motor. Avoid holding the throttle wide open for any length of time with the boat out of the water.

Check the direction of the rudder. Standing behind the boat rotate the steering wheel to the left. The trailing edge of the rudder should move towards the left. Move the wheel to the right. The rudder should move towards the right. If this is not the case, you will need to reverse the direction of the servo on your transmitter using switch ST.REV.

Now is also a good time to do a system (radio) range check. With the transmitter antenna fully collapsed and the boat safely on its stand, walk away from the boat approximately 50-75 feet. The radio system should remain still and operate cleanly. If the radio system chatters, make sure the receiver antenna is properly installed in the boat's radio box and that you have fresh batteries in the transmitter.

Reattach the hatch by pushing down on the top of the lock. Your boat is ready for operation.



## RUNNING THE SUPERVEE 27

Gently place the boat in water that is at least 8" deep and free of obstacles (weeds, rocks, sticks, ducks, muskrats, etc.).

Throttle up to full speed. **NOTE: Your SuperVee 27 will cavitate for the first 10 to 15 feet. This is normal!** 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.

**Also note: If you stop the boat on the water with the batteries low the boat might not get back on plane. It's OK to bring it back into shore and give the boat a light forward toss to get it back on plane.**

When you are ready to bring your boat back to shore, drive it parallel to shoreline. After you have stopped the motor turn the boat towards shore.

When finished running, retrieve the boat and unplug the batteries first. Then turn the power "OFF" to your boat and transmitter (in that order).

### Driving Tips

The motor and propeller spin counter clockwise on your SuperVee 27. This will naturally cause the boat to turn better to the right than to the left. Keep this in mind when you are turning your boat to the left.

Your SuperVee 27 is **very fast** and **very agile**. It's a good idea to let off the throttle as you enter the corner. Likewise if the boat starts to get out of shape you will want to let off the throttle to get the boat settled back down. You can make adjustments to the boat's hardware for better handling and even more performance, but just remember, **one small adjustment at a time**. For more tuning info see "Tuning your SuperVee 27" at the AquaCraft website, [www.aquacraftmodels.com](http://www.aquacraftmodels.com) or by reading below.

### PROPELLER CHOICES

The propeller plays a huge part in how your SuperVee 27 performs. The FRP prop that comes with the boat is a good all around prop but if you want even more performance, try your hand at a metal prop. To start with, here are a few good choices.

Octura X-440, X440/3, X640, M440,  
ABC 40X53, 40X52/3  
Prather 215, 220

You are likely going to want to stay away from lifting props (unless modified by a professional) like the Octura 00 series and the ABC H series propellers.

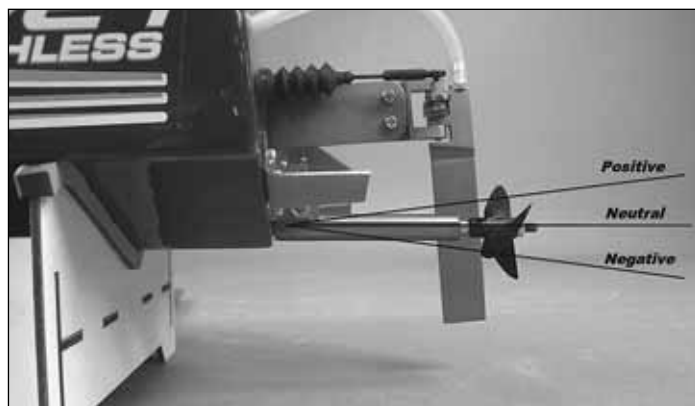
## TUNING YOUR SUPERVEE 27

You can make hardware adjustments to your SuperVee 27 to suit your driving style or achieve maximum handling and speed for your water conditions.

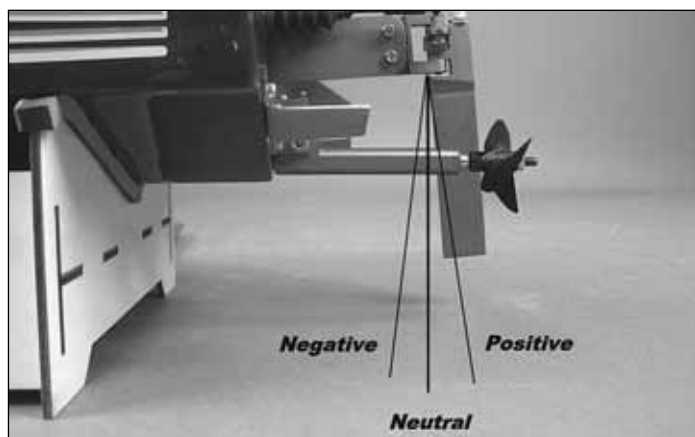
**Strut settings:** You can use the information below as a guideline to help you understand what happens when you adjust the angle of the strut. Remember that the prop and water conditions play a huge part in the performance of the boat.

**Positive angle:** Positive strut angle causes the bow (front) to run high making the boat faster but less stable and likely to blow off course or crash in rough water. This also places the least amount of stress on the motor and speed control.

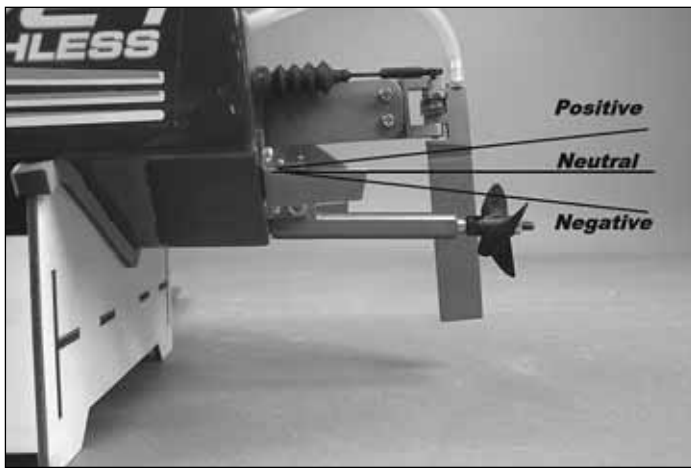
**Neutral or no angle:** Good for most setups, but ultimately the prop, weight of the boat and water conditions will determine if you are going to run your boat with Neutral strut angle.



**Negative angle:** Negative strut angle can cause the boat to run tight. Remember, make small adjustments at a time as negative strut angle places the most amount of stress on the drive components. Too much negative angle and your boat might "stuff" dive under water if it comes off a wave. Remember small adjustments.



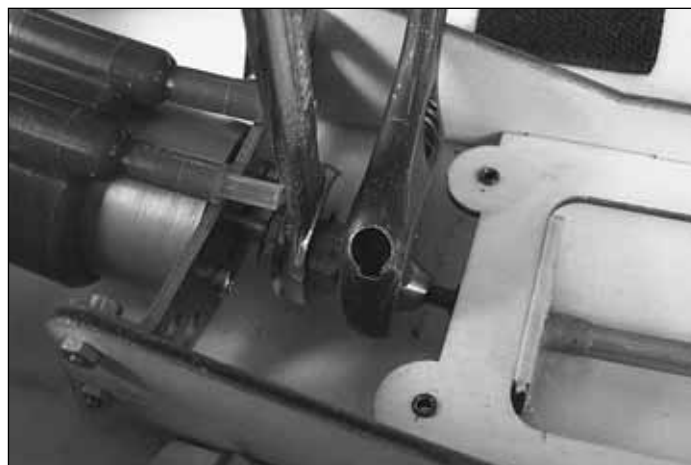
**Rudder angle:** Tilting the bottom of the rudder to a positive angle (away from the transom) will cause the transom to run higher out of the water in the corners. Tucking it under will cause the transom to run deeper. Keep in mind as you make your adjustments that a small change can make a big difference.



**Trim Plates:** The trim plates are used to help control the ride of the hull. If the boat is hopping, you can bend down the trim plates. If it looks like the boat is running wet, you can bend the trim plates up a small amount.



Using a 2.5mm allen wrench to carefully unscrew the radio box and slide it forward to remove.



Remove the drive cable by loosening the cable coupler with a set of 10mm and 12mm wrenches. Slide the cable out and wipe any remaining grease and water from the cable. Set this aside to dry. This is also a good time to place a few drops of light oil on the motor shaft bearings. If the motor was dunked it is also best to remove the motor and blow out any remaining water. Grease (AQUB9500) the drive cable and install it back in the boat.

## MAINTENANCE

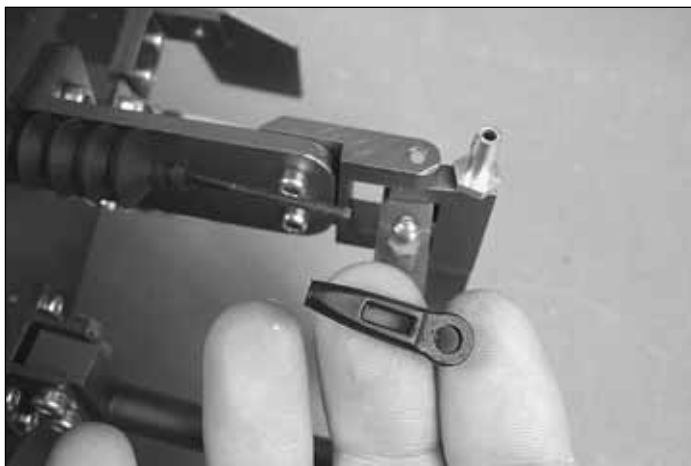
### RADIO BOX MAINTENANCE

When finished running, remove the hatch and open the radio box by unsnapping the side latches. Let the cover sit on the side of the boat and wipe away water that might have collected in the radio box compartment. It is best to leave the radio box cover and hatch cover off the boat overnight to allow any water that might enter to evaporate.

### HULL MAINTENANCE

After running, the exterior of the hull should be cleaned. Common household cleaners can be utilized for cleaning. It is also a good idea to use a 100% cotton towel to wipe down the boat. 100% cotton towels will not scratch the paint on your new boat.

### MOTOR AND DRIVE SYSTEM MAINTENANCE



When you are through running your SuperVee 27 for the day it's a good idea to grease the drive cable. Do so by unhooking the motor connectors and water lines from the motor and rudder. Unhooking the steering ball link and unscrew it from the steering rod.

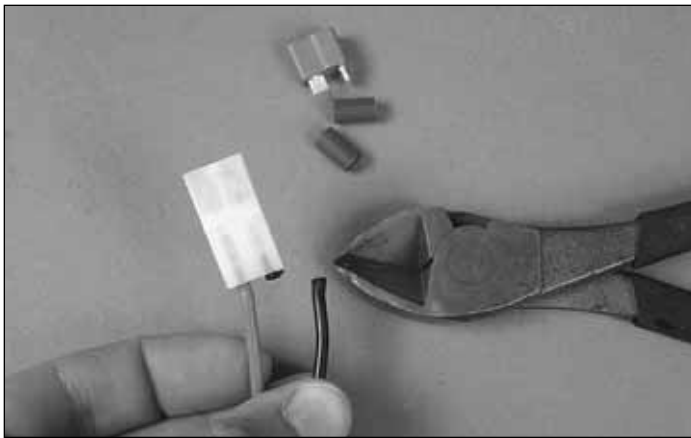
## MODIFYING YOUR CURRENT BATTERY PACKS TO DEANS ULTRA CONNECTORS

### Deans Ultra Connector, #1303 (two (2) Female connectors)

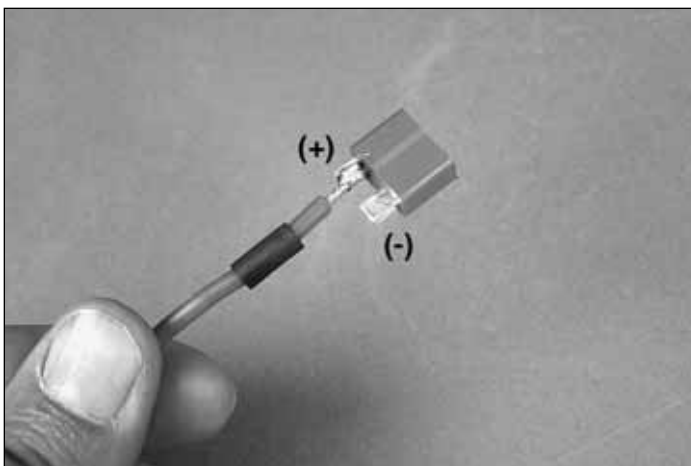
Modifying your current battery packs to Deans Ultra Connectors is easy to do and is HIGHLY recommended with this boat. The Deans Ultra Connectors will provide you all the performance you need regarding the power output of this boat.

**NOTE:** The Deans ultra connector is fast becoming the connector of choice for high performance applications like the SuperVee 27. When installing these connectors to your current batteries, look closely at the connector and you will see a small + (positive) and - (negative) symbol molded on the back side of the connector. You're going to need to solder the red wire of your battery pack to the + (positive) symbol and the black wire to the - (negative).

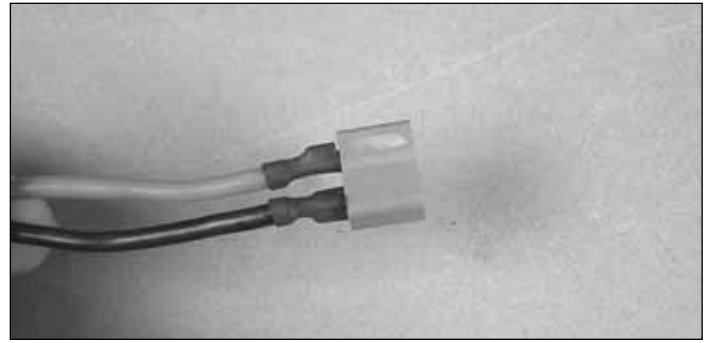
Let's get started. It's really not hard to do.



Begin by discharging your batteries. Cut off the existing connector **one wire at a time**. Make sure that you do not let any part of the exposed wires touch each other. Strip back about 4mm of wire insulation off one of the wires and pre-tin the end of the exposed wire with 60/40 radio solder and soldering iron.



Slide on a length of shrink tubing over the wire and slide it as close to the battery you can. Pre-tin the end of the wire and appropriate solder tab on the connector and solder the wire to this tab.



Wait for the solder to cool before sliding the shrink wrap over the exposed solder joint. Heat the shrink to secure it in place. Repeat with the other wire.

## RACING

Although it is very enjoyable to go out and run the SuperVee 27 by yourself, the real fun and excitement of R/C boating is experienced when you get involved in racing. Racing against other boats is much different than running your boat alone. The following suggestions will hopefully provide helpful strategies when racing a model boat.

A good set-up for running alone may not be the best for racing conditions. Race water conditions create challenges different from running alone and water conditions constantly change during a race. Five or six boats racing against one another will create rough water conditions on the race course and to successfully compete in racing situations, it may be necessary to adjust the ride characteristics of the boat. You can do this by tilting the rudder under the boat or pulling it back a small amount. You can also make small adjustments to the strut by loosening the strut bolts and tweaking the strut's position before tightening the bolts back down.

Wakes caused by other boats can upset the balance and ride characteristics of even a well-trimmed model boat. When running down the straight-aways, don't follow in another boat's wake. Wakes generated by other boats while entering and negotiating a corner are especially dangerous. Cutting across a wake when entering a corner can cause the boat to "hook" and maybe even flip over.

Racing other boats through a corner presents possibly the greatest challenge and the first corner after the start of a race can be especially challenging. The boat entering the corner first has the task of holding its position (often called "holding your lane") through the corner and following boats must then attempt to hold their lanes. Changing lanes and crossing a wake to gain a position in a turn can result in "hooking" the boat and possibly flipping it. Executing a good start in the inside lane is one key to successful racing.

Avoid beating yourself. In any type of racing, there are some situations you *can* control and other situations that you *cannot* control. Take time to check that the linkages, fasteners, prop and radio system are in proper working order. During the race, making a good start and driving defensively. Most of all, be well prepared and have fun.

## NATIONAL MODEL BOATING ORGANIZATIONS

There are three national model boating organizations in the United States and Canada:

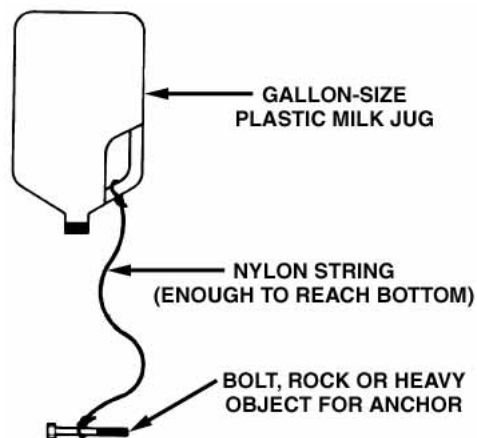
**IMPBA or International Model Power Boat Association**  
[www.impba.net](http://www.impba.net)

**NAMBA or North American Model Boat Association**  
[www.namba.com](http://www.namba.com)

**APBA or American Power Boat Association**  
(RC Boat Category)  
[www.apba-rcboating.com](http://www.apba-rcboating.com)

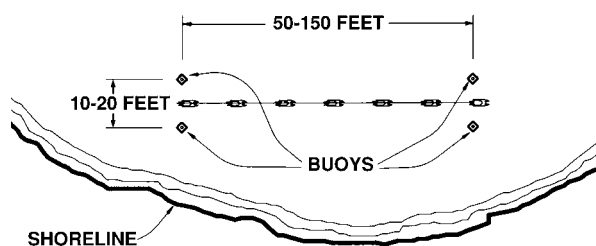
Each of the three organizations has its own rule book governing model boat racing, sanctioned events, and recognized records. Organized model boat racing is offered at both regional and national levels. Location of clubs, race dates and locations, membership applications, and other information can be obtained through their respective websites. Another good source for information regarding all aspects of model boat operation is <http://www.intlwaters.com/>

Of course, racing does not *have to* be an organized and sanctioned competition to be fun. Small informal races can be very exciting. Here are some suggestions for setting up a simple racecourse for boats:



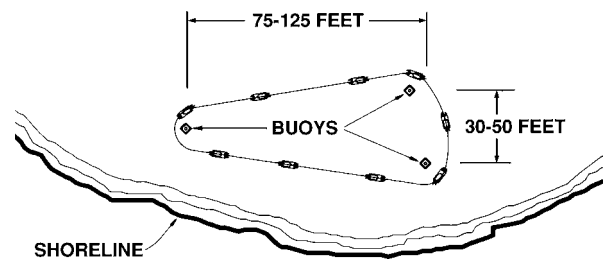
Make 2 to 4 simple and inexpensive "marker buoys" with empty milk jugs, string, and heavy objects for anchors, similar to the above sketch.

## SAMPLE "DRAG RACING" COURSE



For "drag racing" place the buoys similar to the above sketch.

## SAMPLE "OVAL" RACE COURSE



For "oval racing" place the buoys similar to the above sketch. **NOTE:** The above patterns are not based on any sort of official standards; therefore, you may set up racecourses any way you desire, using your imagination to make the races more interesting. Usually the smaller courses will provide more action and excitement. The length of the races can be determined by a set number of **laps** around the buoys (for example, the first boat to complete 5 laps is the winner); or by **time** (for example, whoever is leading at the end of two minutes is the winner).

**PLEASE READ** these valuable running tips as well as the "Safety Precautions" at the beginning of this manual **BEFORE** Running the SuperVee 27 to ensure a successful and safe run.

**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.

**NEVER** threaten wildlife with any R/C vehicle! This is the quickest way to get R/C boating banned from your favorite local pond.

Before running your SuperVee 27, it is a good idea to **check the water-cooling system** to make sure all tubes are properly connected and unblocked.

**Check all screws** to make sure they are securely fastened.

**CAUTION:** Windy conditions cause rough water that will affect the performance of your SuperVee 27 and increase the chances of capsizing.

Total run time of the SuperVee 27 is approximately 4 to 7 minutes. **CAUTION!** The motor may become hot! Allow it to cool for a few minutes before touching.

Your SuperVee 27 may take on small amounts of water, especially when running in rough water and when making tight turns. Keep a roll of paper towels handy and dry out the hull interior after every run.

Always store your SuperVee 27 with the hatch cover and radio box cover removed to allow the interior to dry out completely. If you neglect 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, swamps or sinks, causing the radio equipment to get wet, you must do the following immediately: Remove the battery packs and radio equipment from the boat. Allow the components to air dry completely. Reinstall the components and check for proper operation before running the boat again.

**The Waiting Game**

If your SuperVee 27 should happen to stall or capsize, water currents and wind will *slowly* carry it to shore. The bad news is that the boat could be carried to the opposite shore. Keep variables like wind direction and size of the lake in mind when surveying areas to run your boat.

It is not advisable to run R/C boats on any free-flowing bodies of water such as creeks or rivers.

**HELPFUL TIP:**

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

**GOOD LUCK AND GREAT BOATING!**

**ORDERING REPLACEMENT PARTS**

To order replacement parts for the AquaCraft SuperVee 27, 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**

<b>Order #</b>	<b>Description</b>	<b>Order #</b>	<b>Description</b>
AQUG7000	Marine Brushless Motor, B36-56	AQUB9518	FE Mono Rudder Assembly with mounting bracket, mounting bolts and backplate
AQUM7010	Marine Brushless Water-cooled ESC, 45-Amp	AQUB7880	FE Rudder Blade with set screws and water fitting
AQUB9212	ESC Water-cooling jacket, SV27	AQUB7881	FE Mono Strut Assembly with mounting bracket and bolts, SV27
AQUB6201	Fiberglass Cowl, white SV27	AQUB7882	FE Mono Turn Fin with bracket, backplate and bolts, SV27
AQUB9044	Trim Plates w/backplates, SV27	AQUB8713	Rudder Control Arm, SV27
AQUB7883	Drive Cable w/prop shaft assembled, SV27	AQUB7100	Boat Stand, unassembled, SV27
AQUB7884	Prop Shaft Bushing, SV27	AQUB9519	Aluminum Water cooling Outlet with mounting nut
AQUB6310	Decal Sheet, all SV27	AQUZ1001	Instruction Manual
AQUB7885	Drive Dog with Prop Nut, SV27	AQUB9513	Silicon Water Jacket, 36/45mm
AQUB7886	Motor cable coupler, SV27	AQUB9514	GrimRacer Cowl Locks (2)
AQUB7887	Motor Mount with motor screws, mounting bolts and screws, SV27		
AQUB8603	Radio Box with servo tray and Lid, SV27		
AQUB9012	Servo Linkage w/connectors (all) SV27		
AQUB7888	FRP 3-blade 40mm Prop (2) SV27		

## AQUACRAFT™ MODELS GRIMRACER™ SPEED GREASE CABLE LUBE



Designed for both electric and nitro boats, this waterproof blue lubricant — with specially formulated, “non sling” properties” — reduces friction and wear on flex cable and direct drive systems. 20 fl. oz. (59mL) jar. **AQUB9500**

## DURATRAX® 7.2V 3800MAH NIMH PACK



This stick pack has three things that serious boat racers need:

- A whopping 3800mAh capacity
- 12-gauge silicone wire
- A Deans® Ultra Plug™ connector

This gives you the capacity of two and a half 1500mAh sport packs for the weight of one, and the components to handle the power with ease. Charges at up to 6A maximum and weighs 15.2 oz. **DTXC2162**

## DuraTrax® Piranha™ DC Peak Charger



Compact, lightweight, easy to transport — the Piranha DC Peak Charger is all of these, plus a perfect way to enjoy the advantages of peak charging. Only 4” x 3” x 1.6” and under a half-pound in weight, it fits in a pocket and can go anywhere you do. Hook it up to an 11-15V DC power source, push the button and it will charge 6- or 7-cell, 1200-3600mAh NiCd or NiMH packs at a fast 4A rate. Delta peak detection ensures that the pack will be charged to the peak of power. An automatic switch to 50A trickle charge makes sure it stays there. Twin LEDs signal the switch from linear fast charging to trickle charging, for instant awareness of charging progress. Includes a charge lead with standard plug and the protection of a 5-year warranty. DC power source required. **DTXP4002**

## DuraTrax® IntelliPeak™ ICE™ DC Competition Charger, Discharger and Cycler



The little details can make a big difference on race day — the fewer you need to sweat over, the better! The IntelliPeak ICE helps you stay cool, with competition-level features. Forget battery compatibility issues — the ICE handles 1-10 cell NiCd or NiMH packs *and* 1-4 cell Li-Ion or LiPo packs. Whatever charge rate you need falls within this unit’s adjustable fast-charge (0.1-8.0A) and discharge (0.1-10.0A) ranges. Ten memories, four charging modes (linear, reflex, impulse and “four step”), the ability to break in electric motors or run commutator lathes, and more...the large 168 character graphing LCD screen and simple pushbutton/dial operation make every ICE function easy to use. **DTXP4170**

## AQUACRAFT MODELS™ TOP SPEED™ 2 NITRO ARR



Based on a record-holding, race-winning design, the Top Speed 2 has everything an aspiring competition modeler could want: a high-quality, painted (in red, yellow, orange or white) and finished fiberglass hull; performance features to boost speed and improve handling; and a complete hardware package for installing any radio and engine you choose. Strakes and water breaks allow the Top Speed 2 to reach tremendous speeds. A slot on the underside of the cowl lets you add weight to fine-tune balance. While veteran racers will no doubt be impressed with the Top Speed 2's performance, its ease of assembly and operating simplicity make it ideal for new boaters, too. **AQUB0001 white, AQUB0002 yellow, AQUB0003 red, AQUB0004 orange**

## AQUACRAFT MODELS V24 ONE-DESIGN GASOLINE RTR



Beginners will like the ease and simplicity, veterans will applaud the construction — and both will love the way this 4-1/2' assault force slices through the surf! The driving force is a Fuji-Imvac™ BT-24 marine engine, good for up to 40 minutes of high-gear haulin' per fill-up. A tuned pipe keeps the action hot...the Tri-Flow water cooling system keeps the BT-24 running smooth and sweet. Power delivery is courtesy of a 1/4" flex drive and an ASD (Adjustable Surface Drive) that allows you to fine-tune the angle of the 65mm stainless steel prop. The fiberglass hull is double-stepped to reduce drag, and features strakes, a vertical fin and wings to enhance stability and handling. Fiberglass, aluminum and stainless steel construction contribute to durability — and control is courtesy of a Futaba 2PEKA FM radio, metal-gear S3305 servo and the Super Wedge™ rudder. **AQUB40\*\***

Built under license from ocke mannerfelt design

## AQUACRAFT MODELS KING'S RANSOM™ PIRATE SHIP RTR



Don't look any further for a ready-to-run R/C pirate ship, because AquaCraft has the one and only: the King's Ransom, a masterpiece that brings pirate lore to life with its included motor, ESC, and 2-channel radio system — all installed. The painted fiberglass hull is decked out with some of the richest detail you've ever seen in an RTR vessel: wood planking, railings and banisters, retractable walk-plank...even four pirate figures, hand-painted for realism with a capital "Aaar!" Using provided polycarbonate inserts, the cloth sails can be bowed to appear wind-filled on static display. To head out for high seas, just remove the strips, roll up the sails, and screw the stabilizing 3-pound keel to the hull. Two handy stands are included, too — one that accommodates the model plus keel, and another with name plate for display. **AQUB58\*\***

## AQUACRAFT MODELS REEF RACER™ 2 RTR



Dive into offshore action with the Reef Racer 2! It comes out of the box with decals already in place and the radio gear, motor and ESC installed. Twin, twist-off hatches on the enclosed hull and a hook & loop-attached hatch keep 'em protected against taking water, but release easily for pack changes and maintenance. Drop in a pack, bury the throttle and the Reef Racer leaps into action! You'll enjoy the quick response of the direct drive and the Reef Racer 2's "turn on a dime" maneuverability — even at top speed. If you happen to flip or roll — don't worry! The self-righting hull gets you hatch-side up and back into the action in seconds. And if you're a southpaw, you'll be glad to know you can adapt the included AquaCraft pistol for left-hand use with just a Phillips screwdriver and a few minutes. Available in six sizzling colors — and all of 'em ready to make waves on the water!

**AQUB14\*\***