

RC skiff assembly instructions January 08

Remove all Items from the box and check against the check list. If you think something may be missing contact RC skiff .com

RC skiff check list,

- 1x Hull complete control box hatch fixed with servos, receiver, switch harness, and battery box installed, rudder stock, control rods and locking pin attached
- 1x transmitter inc Ariel
- 1x 'rig kit' bag containing,
 - 1x Main sheet
 - 1x Bungee + ring attached
 - 1x Mainsheet clip.
- 1x Hatch bung inc rubber seal
- 1x rudder blade
- 1x keel
- 1x lower mast assembly inc gooseneck and boom pin installed
- 1x boom
- 1x mast top section (6mm solid grp tube approx 400mm long)
- 1x standard sail.

Extras if ordered

- 1X Storm sail inc short top section approx 200mm long

Assembly guide;

1. Insert the keel through the bottom of the keel box in the centre of the hull. With the trailing edge (sharp edge) towards the back of the boat. Push through the hull until you can turn the locking latch through 90 degrees then push this back down against the deck.

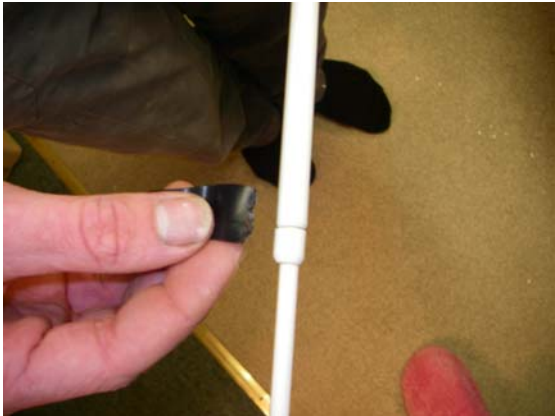


ONCE THE KEEL IS ATTACHED IT IS BEST TO RIG THE BOAT ON THE RACE STAND TO AVOID ANY DAMAGE.

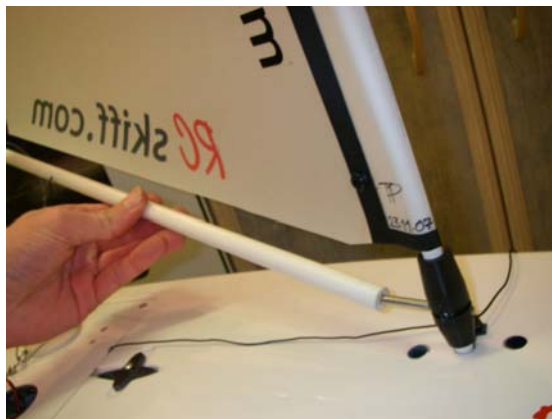
2. Insert the rudder through the stock, make sure the point on the rudder locates with the hole on the under side of the hull PIC then secure the top of the rudder with the split pin attached.



3. Insert the top section into the lower main mast. IT IS STRONGLY ADVISED TO TAPE THESE TWO PIECES TOGETHER USING INSULATION TAPE TO MAKE REMOVING THEM FROM THE SAIL EASY AFTER USE. Insert the mast into the luff pocket at the front edge of the sail. Then put the mast into the mast step hole in the boat. (Start by using the middle hole we will go into detail later on this.)



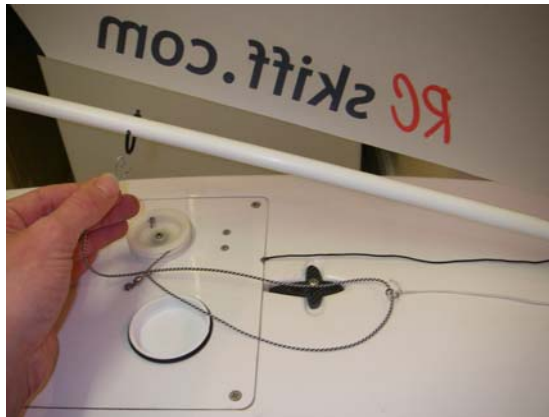
4. Put the boom onto the pin in the goose neck



5. Attach the outhaul by threading it through the sail and then locking it with the knots in the slot in the end of the boom.



6. Attach the main sheet with the clip to the black plastic loop on the underside of the boom. (make sure the ring with the bungee attached has the mainsheet running through it).



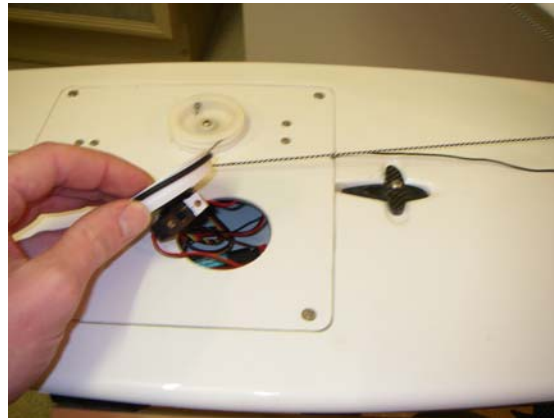
7. With the mainsheet attached run the bungee around the front of the gooseneck around the groove and pass the loop over the end of the boom. Make sure this is well secured as it is essential to tension the mainsheet so it winds on the sail winch drum correctly.



8. Attach the ariel to the Velcro on the deck at the base of the mast and onto the sail.



9. Install the batteries (4 in the boat and 8 in the transmitter), switch both the transmitter and boat batteries on. Seal the control box by pushing the hatch and seal firmly into the hole. You are now ready to go sailing!!!



Basic sailing and tuning guide

Rig set up,

Start with the mast in the middle hole. The Outhaul/kicker control should be pulled just tight to take any slack from the sail. The can be tuned to suit the conditions and sail shape required, generally the stronger the wind the more amount of tension will need to be applied.

Mainsheet position.

Upwind the sail winch servo wants to be adjusted so with the stick on the transmitter in the fully down (sail in position) and the trim adjustment nodule in the middle, the end of the boom needs to be on the corner of the transom. With the transmitter in this position the measurement from the swivel to the black loop on the boom is 14cms. This can be tuned by adjusting the knot at the end of the mainsheet.



Sailing

For the first few sails with your new RCskiff choose some where nice and safe a small pond or lake, or marina with no weeds or obstructions like mooring ropes or submerged rocks. Ideally you will learn to sail your RC skiff in steady light to moderate wind strengths. This way you will learn quickest how to control and get the best from your boat. With the minimum amount of sailing experience you will soon be rewarded with thrilling sailing or racing. The RC skiff design has also proved that with practice and time on the water you will also be rewarded with good race results just like full sized boat! If you are sailing in moderate to strong winds to start using your storm sail (If you have one) to get used to how the RC Handles.

General Care and storage advice

Rinse boat in clean water after each use. The boat is best stored somewhere dry and damp free, with hatch cover off and batteries removed. The mast step holes which are not being used will fill with water in rough weather, remember to empty these by tipping the boat upside down after sailing. The sail is best stored flat this is best done on the mast with the outhaul un-connected or laid out on a flat surface. It may also be necessary to make sure your servos are kept greased with a small amount of petroleum jelly, to do this remove the servo wheel or rudder assembly with a Pozzi drive screw driver and grease the servo spline, replace, check alignment and tighten securely. DO NOT over tighten the screw that fixes the rudder stock to the back of the boat, if it is over tightened or the rudder is overloaded in any way it could damage the gears of your servo.