

SACRAMENTO STATE AQUATIC CENTER

A PROGRAM OF ASSOCIATED STUDENTS, INC.

RS Quest Rigging Instructions

Equipment Prep and Hull:

- Put on a PFD.
- Retrieve a mainsail from the sail storage area (sail bay); do not remove it from its storage bag until you are on the dock (in order to keep it clean).
- Inspect your boat for obvious problems (missing or broken parts, etc.)
- Insert the drain plug into the stern of the hull.

Prep the Sails:

- Remove the mainsail from its storage bag and place the sail in the starboard side of the cockpit.
- Uncleat the black main halyard to lower and remove the jib cover; remove the main halyard from the jib cover. Do not let go of the main halyard bobble or tie to the other end of the halyard.
- Open the large hatch just forward of the mast and store both the jib and mainsail covers in this hatch; replace the hatch cover.

Rig the Mainsail:

- Be sure the halyard is free to travel directly up the aft side of the mast (isn't going to be stuck on a sidestay). Attach the halyard to the head of the mainsail as follows: pass a small loop of the halyard through the grommet, then insert the plastic bobble through the loop, then pull the halyard to tighten the loop around the bobble.
- Standing on the starboard side of your boat, locate the black plastic "slug" near the head of the mainsail. Inset the slug into the mast slot and carefully feed the luff bolt rope into the slot as you fully raise the mainsail; be especially careful when feeding the plastic batten pockets past the top boom vang mount. When fully raised, use the clam cleat on the starboard side of the mast. Coil the remaining halyard and store in the sail pocket or between the halyard and mast. Insert the slug located at the tack into the mast slot.
- Connect the blue Cunningham/downhaul hook to the 1st grommet above the tack; tighten using the clam cleat on the port side of the mast below the gooseneck.

Move the Boat to the Water and Rig the Hull:

- Before moving the boat, be sure the rudder is in its fully raised and locked position.
- Place the boat in the water and tie the bowline to a dock loop.
- Carefully board the boat; lower the centerboard by pulling its top end toward the stern
- Lift the tiller, push the rudder downward FULLY and then lower the tiller to engage it in its locked position.

Finish Rigging the Mainsail:

- Lift the boom and locate the mainsail clew slug.

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- Insert the slug into the slot atop the boom and slide it back; attach the outhaul hook to the clew of the sail and tighten the outhaul.
- Finally, tighten the boomvang (red line) just enough to remove large wrinkles in the mainsail.

Rig the Jib:

- Locate the red jib furling line cleat: it is underneath the foredeck on the port side. Release the line by pulling down and unfurl the jib by pulling on the two jib sheets. No further rigging of the jib is necessary; we recommend you leave the ends of the jib sheets tied together for ease of use.

Your boat should now be fully rigged and ready to sail!

Derigging

- When finished sailing, depower your boat while it is still in the water.

De-rig the Jib:

- Furl the jib fully by first ensuring both jib sheets are not cleated, then pull the jib furling line until the jib is fully rolled and the sheets wrap once around the sail.
- Do not untie the jib sheets.

Depower the Mainsail:

- Loosen and disconnect the outhaul from the mainsail; While supporting the boom, slide the clew slug forward, remove it from the boom slot and carefully lower the boom into the cockpit.

De-rig the Hull

- Raise the rudder by lifting the tiller and pulling it forward (toward the mast) until it can engage in the raised position.
- Pull the boat onto the dock to complete the de-rigging process.
- Remove the stern drain plug.

Finish De-rigging:

- Remove the jib cover and mainsail bag from the forward hatch.
- Detach the Cunningham/downhaul from the mainsail.

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- Remove the coiled main halyard from its pouch on the sail and lower the mainsail into the cockpit.
- Pass the main halyard around the outside of the sidestay and attach to the top end of the jib cover (opposite the end with the short zipper and two buckles). Zip the jib cover around the jib as you raise the cover with the main halyard. The buckles should snap above and below the jib sheets. Cleat the halyard and coil the excess.
- Now stow the mainsail as follows, preferably with the sail still lying in the starboard cockpit: beginning at the head, fold the upper section so that the upper two battens are aligned together; then tightly roll the sail from the head down to the foot. Reinsert the sail into its bag.
- Return your PFD to a hanger on the PFD storage rack. Return the sail in its bag to the sail storage area/sail bay.

Report any problems or damage to the front desk when you check back in. Thank you!