



Laser/ILCA



- There is one club laser, it has a red-brown colour hull and there are three different rig sizes.
- The spars, control lines and foils can be stored in the boat, if not immediately present check the shed for items marked LASER.
- The three different sized sails are stored in the shed, you will need the correct mast bottom section.

Pre-Launch Checks & Rigging Ashore:

1. Close the self-bailer bung inside the cockpit and screw in the outer hull bung into the transom.
2. Join the top and bottom sections for the mast together and turn the boat head to wind.
3. Chose the correct sail for the conditions. Lighter airs will suit the 'standard' larger sail, moderate to breezy wind is more suited for the 'radial' and in heavy winds the '4.7' smallest sail could be best.
4. Slide the sail down over the mast, making sure the back of the sail lines up with the gooseneck. Check that the sail has three battens inserted securely into the pockets on the leech.
5. Get the whole mast and sail vertical, this may be difficult if windy! With it fully upright, carefully lower the mast into the hole in the deck, ensuring there is no debris on the mast foot.
6. Fully rig the boat while ashore and head to wind. Attach the boom and outhaul set up first, next do the downhaul system then fit the kicker. Make sure the outhaul and downhaul have some tension as this holds the boom on and the mast down, but the kicker should be very loose so no power is in the rig.
7. Ensure the mainsheet can run freely with no twists or crossovers and tie a 'figure-of-8' knot in the end of the rope. **If unsure how to rig, check the guides on the posters or ask an experienced laser sailor.**
8. Secure the dagger-board with the elastic, wrapping it around the base of the mast. Make sure it does not trap the mainsheet or any control lines.
9. Attach the rudder and tiller, the tiller must go under the traveller.

Launching:

1. You need to make sure the boat will be as head to wind as possible when launching. See the posters for different techniques you can use.
2. If able to tie up to the jetty, make sure the boat faces head to wind, and carefully climb into the cockpit.
3. Put the daggerboard in and make sure the retaining elastic is tight.
4. Let the rudder down and pull the rudder downhaul tightly so the blade stays down while sailing.
5. Untangle the mainsheet, make sure it's not stuck around the transom corner or wrapped around anything. The rope needs to be able to run freely, turn the ratchet block on or off for preference.
6. Tighten the control lines for the prevailing conditions and untie from the jetty.

Recovery and Storage:

1. Moor up to the jetty, making sure the boat is able to face head to wind. The laser is surprisingly long and quite heavy so take this into account on your approach.
2. Begin to partially derig the sail, loosen all the control lines and detach the sail from the boom so it can flap around. Keep your head down and watch out for the boom falling off the gooseneck!
3. Lift up the rudder, then take out the daggerboard but leave the retaining elastic attached.
4. Pull all trailing lines into the boat and lay the boom down on the boat carefully, making sure it cannot fall overboard when you pull the boat up the slipway.
5. Take off and undo all of the control lines. Take out the mast and lower it down carefully, avoid laying it onto the dirty ground if possible!
6. Roll the sail neatly and return the boat to the condition it was found – clean and tidy with the bungs and bailers opened. Secure the cover, ensuring all straps and clips are done up.





Scan the QR codes or click on the links below for more information

<https://www.youtube.com/watch?v=JBdvAG6Ham0&t=7s> & <https://www.youtube.com/watch?v=JSOHgjTHbRQ>



'Beach Launching' & Recovery Video

Beach Launching the Laser enables you to fully rig ashore and reduces the risk of you capsizing onto the Jetty!



Another Beach Launch & Recovery Video

<https://www.youtube.com/watch?v=NKR8ge9kHLA>



**Laser
Rigging
Videos**

<https://www.youtube.com/watch?v=rKlIYWfhx10>



https://www.cautionwater.com/uploads/PDF/cw-laser_rigging_guide.pdf



**Laser
Rigging
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<https://lasersailingtips.com/rigging-and-launching/>

