

Laser Rules

1. **All boats and parts** shall be manufactured by Out There Technologies and distributed through their distribution system. All design changes to boat hull, sails, and rigging shall be made by Out There Technologies.
2. **Out of box (bag)**
 - A. Sailed out of the box with no changes to hull, sails, spars, and rigging. Including sanding or painting of hull, rudder, and keel
3. **Replacement parts**
 - A. The following parts may be replaced due to wear or owners discretion. Radio transmitter, receiver, batteries, servos, running rigging and sails
 1. Batteries: the boat shall be powered by either 4 over the counter AA cells 1.5 volt, or 5 NiCad or Nickel Metal Hydride rechargeable AA cells 1.2 volt. Battery packs must remain on cockpit floor.
 2. Servos must meet manufacture's original equipment specifications.
 - a. sail servo: in and out speed of no less than 3.9 seconds.
 - b. steering servo: side to side speed of no more than 0.15 seconds.
 3. Sails: all sails shall be manufactured by Out There Technologies and purchased through its distribution system.
 4. Running rigging may be of any material that replicates its original function.
4. **Hull and Deck**
 - A. Self-adhesive letters, tape, or decals may be fitted to deck and hull. Felt tip markers may also be used for decoration. Hull decoration shall not extend more than 3" below the gunwale.
5. **Underwater appendages**
 - A. Lead ballasts must be completely covered in original soft plastic dip, or the newer hard plastic cover.
6. **Sails**
 - A. Four sail sizes, A, B, C, and D are authorized for racing.
 1. Sails may be decorated using decals, tape or markers. Decorations shall not interfere with easy identification of sail numbers, Laser logo, or manufacturer's logo.
 - B. Sail damage may be repaired as long as the repair does not stiffen or alter the size or shape of the sail.
 - C. A standard boom may be shortened to no less than 17" (inches) in length for use with the C and D sail.
 - D. All boats shall display two digit class assigned sail numbers on sail. These numbers shall be 4" Arial Rounded MT bold in Black. Optional country designator shall be 2 ½" with same font as sail numbers. See attached sail plan for placement.
7. **Anything not specifically permitted by these rules is prohibited.**