

OPTIMAX

SYSTEM RACING MASTS MKII - MKIII

The fastening of a sail to an OPTIMAX mast need only to be done once. Take your time for it, do it neatly and read this instructions carefully.

A strong and easy to use but **LOW ON WINDAGE** rig is our main design goal. Thin but strong lines and halyards, small streamlined blocks and no cleats in front of the sail are very important. Never re-position your halyard cleat in a higher position, it will (sometimes together with swinging balls or handles) cause a permanent and very serious wind-flow distortion in your sail which in no way can be balanced by whatever minor short period handling benefit.

Tie double loops from the enclosed 3 mm line in order to tie tack, clew and throat of the sail to boom and mast.

Take single loops of 1 or 2 mm line at all other eyelet's and see to it that where the sail is fastened alongside the mast and the boom, it's done at equal distance. Although max. 10mm is permitted we advice to stick to a distance of 2-3 mm from the mast.

Fig. 2 and 3 show how to fasten the BLUE PATENT PENNANT HOLDERS and how to put them into the holes in the mast. After that they are secured by means of the pennant pin.

Please note that clean and neat sail fastening and adjustment is crucial to obtain a low on windage rig. Make sure that the knots are properly positioned inside the OPTIMAX PENNANT HOLDERS and are not accidentally projected outside the mast hence causing unwanted windage.

Adjust the lower (single) loop in such a way that the upper double loop slightly slants into an upward direction (fig. 3a), but see to it that the sail measurement band on your sail stays just between the measurement bands on the mast.

Slide the sail with boom and all round the mast, set and secure the BLUE PATENT PENNANT HOLDERS and fasten the sprit halyard by simply hooking the special MKII halyard block (or MKIII double ball bearing halyard block) into the mast. See the sprit at STARBOARD side of the mast (fig. 4,5).

Sail in a breeze for at least one hour and than make some corrections in the adjustment of the various loops, if necessary. Finally tighten and secure all the knots with a soldering-iron or glue.

In order to obtain an optimal effective boom downhaul you can take full advantage of the pin stop (fig. 6) in conjunction with the fairly thick OPTIMAX boom. Please note that flexible thin booms provide poor downhaul (hence downwind) results.

On the other hand thicker booms can still be made fairly flexible in close hauled conditions by using shorter and more or fully centered boom-strops for mainsheet attachment.

AFTER THE MATCH

Remove the sprit and sprit fastening arrangements. Release the BLUE PATENT PENNANT HOLDERS from the mast by pulling out the pennant pin. Remove the sail by simply sliding it with boom and all from the mast. RINSE YOUR MAST WITH FRESH WATER and dry it carefully. If used on salt water rinse and dry your sail, and furl it neatly around the boom and stow it away.

THE STRONGEST OPTIMIST MAST AVAILABLE
NEAT USEFULL AND RELIABLE.
THE EASY WAY TO SET AND LOWER YOUR OPTI SAIL
EXTREMELY LOW ON WINDAGE

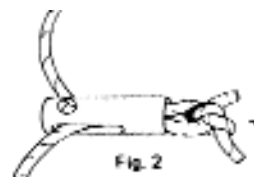


Fig. 2

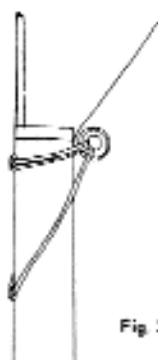


Fig. 3a

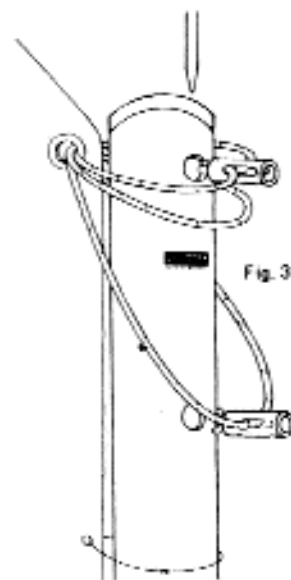


Fig. 3



Fig. 4

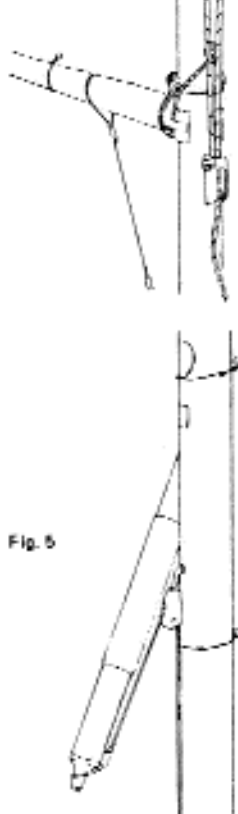


Fig. 5



Fig. 4a

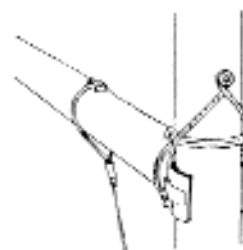


Fig. 6

MKII

the traditional worldwide race winning version

MKIII

the sophisticated top set as used by many
World Champions.

OTHER SUPPORTING PRODUCTS:

LOW FRICTION MAST BEARING SET

Easy mast pivoting is essential
to obtain equal sail trim on both port and star-
board tack

THE STIFF AND STRONGEST*
OPTIMIST MAST AVAILABLE
EXTREMELY LOW ON WINDAGE



many times bluntly copied but never
surpassed in quality and expertise!

* LANUREP SPACE CRAFT ALUMINIUM
Tensile Strength 570 N/mm²
Yield Strength(0,2%) 515 N/mm² E 73000 N/mm²