A black and white photograph of a woman sailing a white AMF Alcort Hilu outrigger on the ocean. The woman is wearing a light-colored hooded sweatshirt and dark shorts, and is smiling while steering the boat. The outrigger has a large white sail with a dark logo on the mast. The boat is moving across the water, leaving a wake. The background is a vast, open ocean under a clear sky.

**Assembly
and Rigging
Instructions.**

**AMF
Alcort**

Hilu outrigger

the Hilu outrigger

HULLS Place the main hull and float approximately 6 feet apart with the float hull to starboard. Loosely assemble the crossmember support castings (1a-1b) on the main hull stanchions and insert the two crossmember tubes (2) with the cap end projecting to port of the main hull about 20 inches from the hull centerline. Lightly clamp the casting. Remove the crossmember end casting (3) on the starboard end of each crossmember and reclamp onto the float hull tube using the two $\frac{1}{4}$ " x $2\frac{3}{4}$ " bolts which are in the bag of miscellaneous hardware. Align the two hulls so that their centerlines are parallel and then tighten all the bolts.

SEATS Position the two seats (4) and (5) on top of the crossmembers making sure that the lacing holes in seat (5) face toward the float hull. The left side of seat (5) should be about 20"-24" from centerline of main hull, and seat (4) across the ends of the crossmembers. Fasten the seats in place using the 16 #10 flat head machine screws and finishing washers and seat clamps (6).

NOTE: The actual position of both seats and the crossmembers may be changed to suit the person sailing the Hilu. However, in general the crossmembers should be positioned so that seat (4) is not so far out that the boat becomes unstable.

TRAMPOLINE (Seating Platform) The trampoline (7) consists of eight pieces of long (vertical) webbing straps (8) and nine pieces of short (horizontal) webbing straps (9). These are slid onto the two pieces of long tubing (10) and two pieces of short tubing (11) so as to form a webbed surface. (The tubing forms a frame on which the webbing is woven.)

Start making the trampoline by cutting from the 50 ft. hank of 3/16 line one 6 ft. length, one 16 ft. length and two 10 ft. lengths. Slide the eight long straps onto the short tubes and lace one to the seat with the 6 ft. length as per sketch leaving about a 2" space between the seat and the tube. Note: For appearance all seams of straps should be on the underside. Now, with the 14 ft. piece of line, lace the other tube to the float tubing. Adjust both ends so that the trampoline tubing is parallel with both the seat and float tubing. After the straps have been evened up, the lacing lines can be tightened. Next weave the nine short straps over and under the other straps and insert the two long pieces of tubing

through the straps. With the two 10 ft. lengths of line lace to the crossmember tubes. It is best to work one side then the other back and forth a couple of times to even the straps before the final tightening. Note there will be some initial stretching of the trampoline parts so an occasional tightening may be necessary. It should be kept taut.

ATTACHING THE SAIL Lay the sail out on a flat area and position the booms so that their connecting link is at the tack (12) of the sail (the corner where the sailmaker's insignia is). Secure the tack to the connecting link with the "S" hook and clamp shut with pliers. Next take the two outhauls which are eighteen inch lengths of $\frac{1}{8}$ line. Tie one to the clew (13) and the other to the head (14) and pass the ends through the eye of the boom caps, tighten to eliminate slack and tie. Note: The sail is not designed to reach the extreme end of the booms so do not tighten too much. Complete attaching the sail by placing the plastic sailsets around the booms and snapping them together in the grommets along the luff (15) and the foot (16) of the sail.

The halyard can now be tied to the upper boom $8\frac{1}{2}$ spaces up from the tack using a clove hitch and two half hitches.

STEPPING THE MAST AND RIGGING THE BOAT

Place the booms along the hull on the port side with the gooseneck ring (17) over the mast socket. Reeve the halyard through the mast cap (18) eye pulling through about halfway and step mast through the gooseneck ring into the socket.

Haul on the halyard and with an assist on the lower boom raise the rig to the top of the mast. Cleat the halyard. The remainder of the halyard can be made shipshape by wrapping around itself and the mast as per sketch.

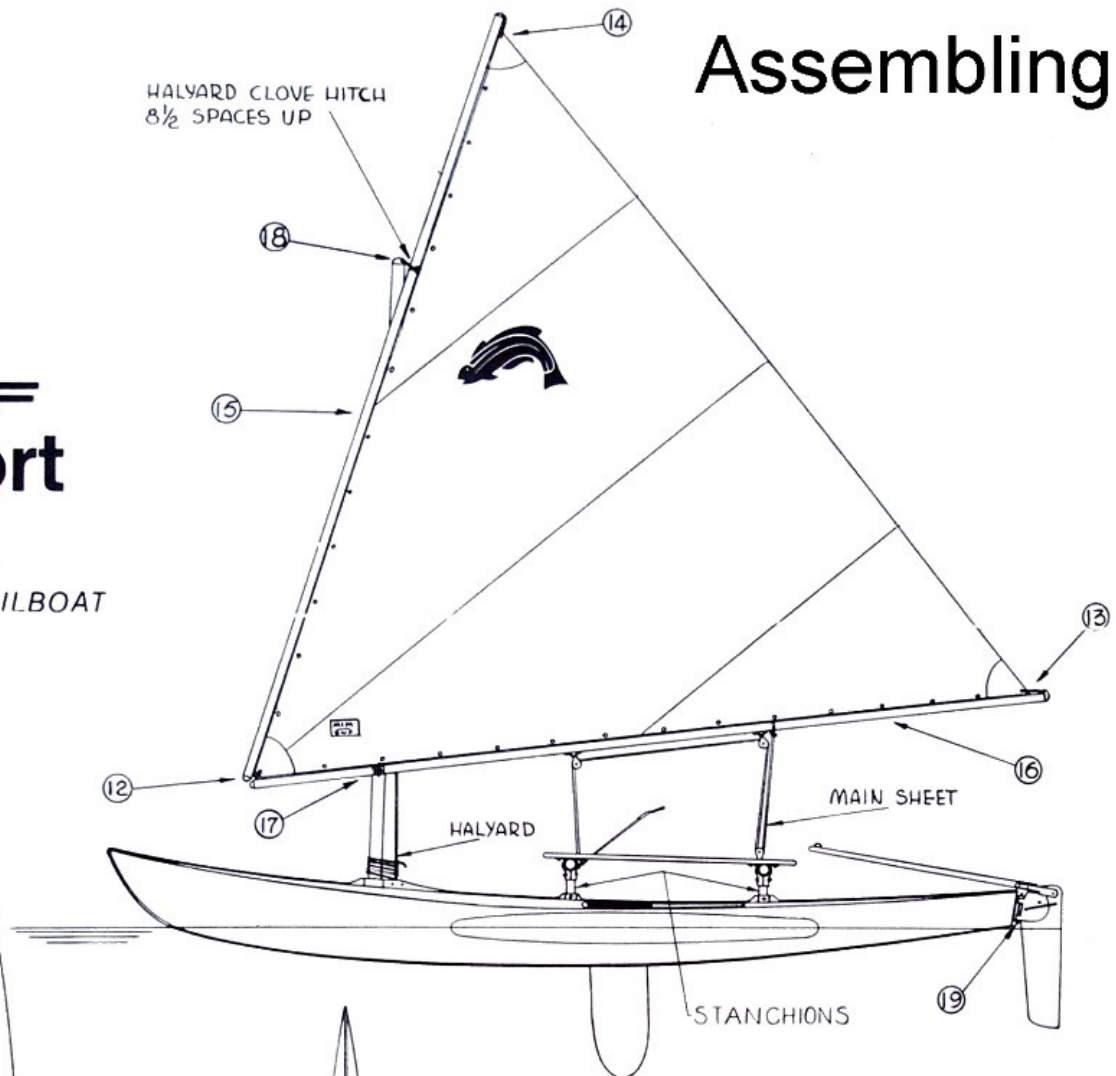
The main sheet is deadended on the boom by either snapping the snap hook into the after eye strap or by wrapping it around the boom and snapping it onto itself. Lead the sheet through the blocks as illustrated.

THE RUDDER The rudder is hung on the gudgeon by simply pressing the pintle rod (19) upwards until it fits into the gudgeon slots, then release. Make sure the pin reseats itself properly and is in both top and bottom ears of the gudgeon.

Operating the rudder is easy. To raise it pull forward on the tiller and to lower push aft on the tiller.

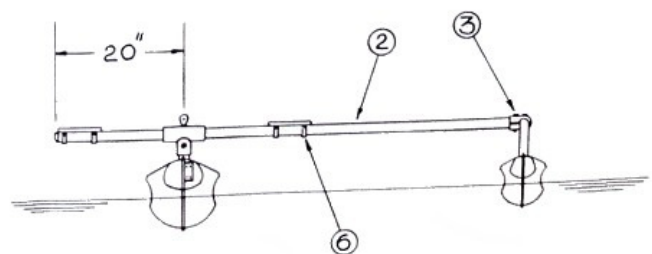
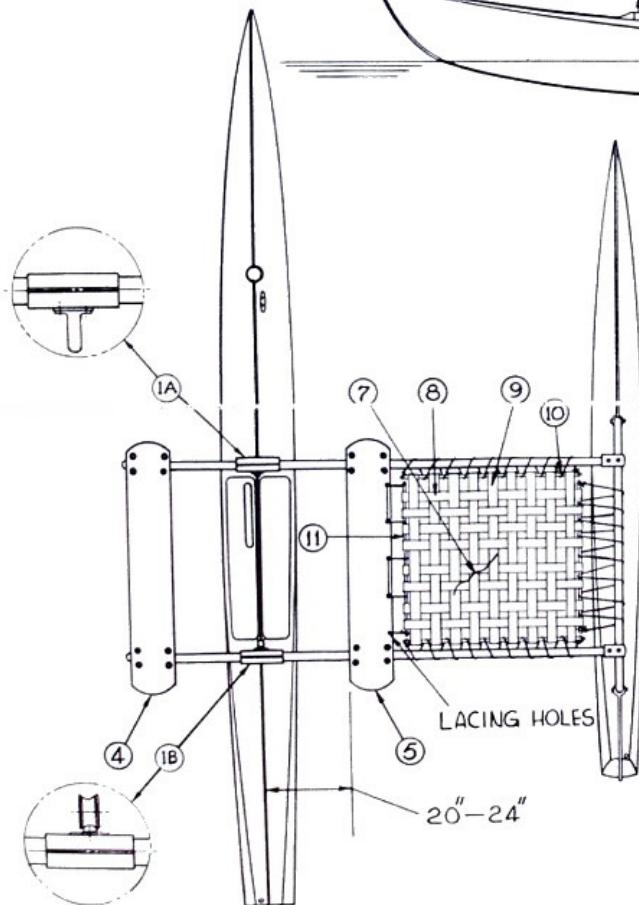
Assembling

AMF Alcort Hilu SPORT SAILBOAT



KEY TO PARTS DIAGRAM

- | | |
|----------------------------------|---------------------|
| 1a Support Casting with Fairlead | 10 Long Trampoline |
| 1b Support Casting with Pulley | 11 Short Trampoline |
| 2 Crossmember Tube | 12 Tack of Sail |
| 3 Crossmember End Casting | 13 Clew of Sail |
| 4 Port Seat | 14 Head of Sail |
| 5 Starboard Seat | 15 Luff of Sail |
| 6 Seat Clamps | 16 Foot of Sail |
| 7 Trampoline | 17 Gooseneck Ring |
| 8 Long Webbing Straps | 18 Top of Mast |
| 9 Short Webbing Straps | 19 Pintle Rod |



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