

25. A $\frac{1}{4}$ " piece of plywood is glued to the afterplane to beef it up a bit. A piece of $\frac{1}{4}$ " plywood is used on the inside of both girders to support the motor mount.



26. The sponson side and the rest of the bottom has been fastened in place. The sponson batten shown was added later after a floating log pushed in the original sponson during testing.



27. Bottom of the sponson temporarily in place, purposely not screwed in completely so you might easily see how pieces fit together. There's no lip on the sponson up front where the side meets the bottom; they butt at this point.



28. Boat is righted on padded horses. The inside has received two coats of varnish, and all the ribs have been faired and are ready for the deck battens.



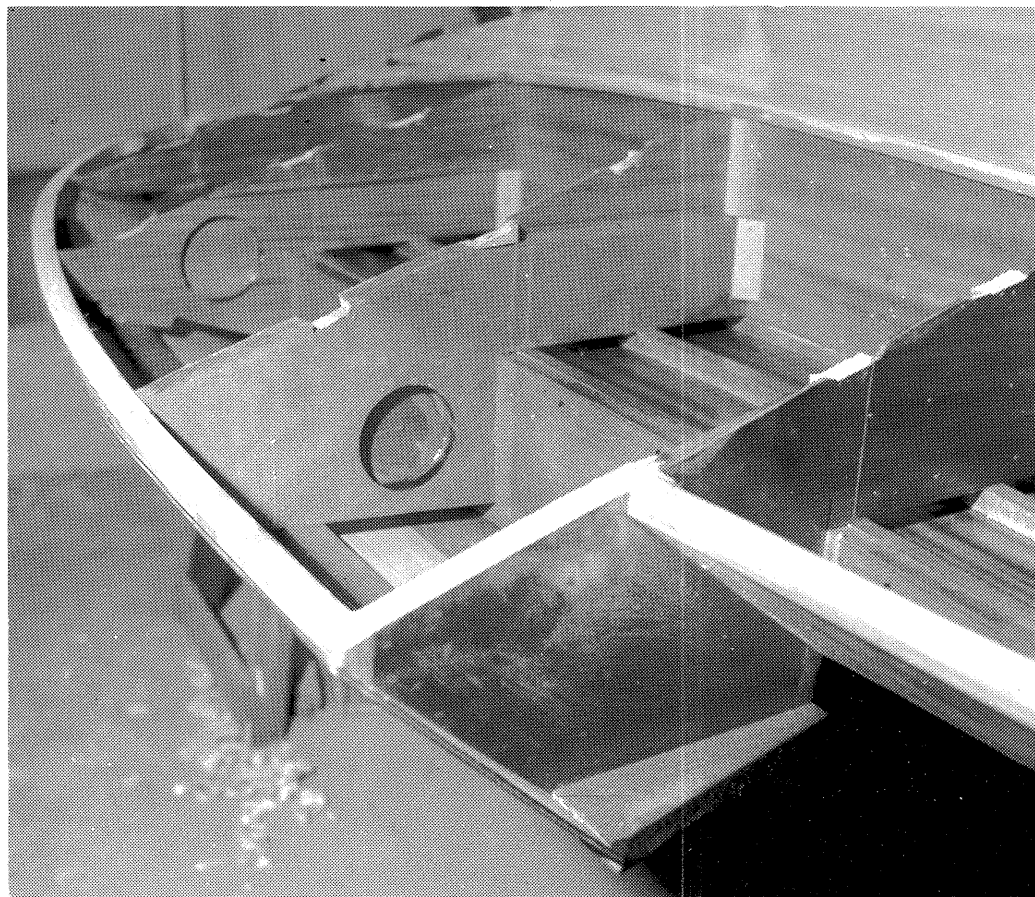
29. Don't forget the drain holes. This is also a good time to drill the screw holes for the transom handles.



30. All ribs are made of spruce, except rib #4, #8 and transom. In my pilot model I made all the ribs of mahogany, which was too heavy and not necessary.



31. A good inside view to study. Note false rib between rib #3 and #4 and coaming brace at this point.



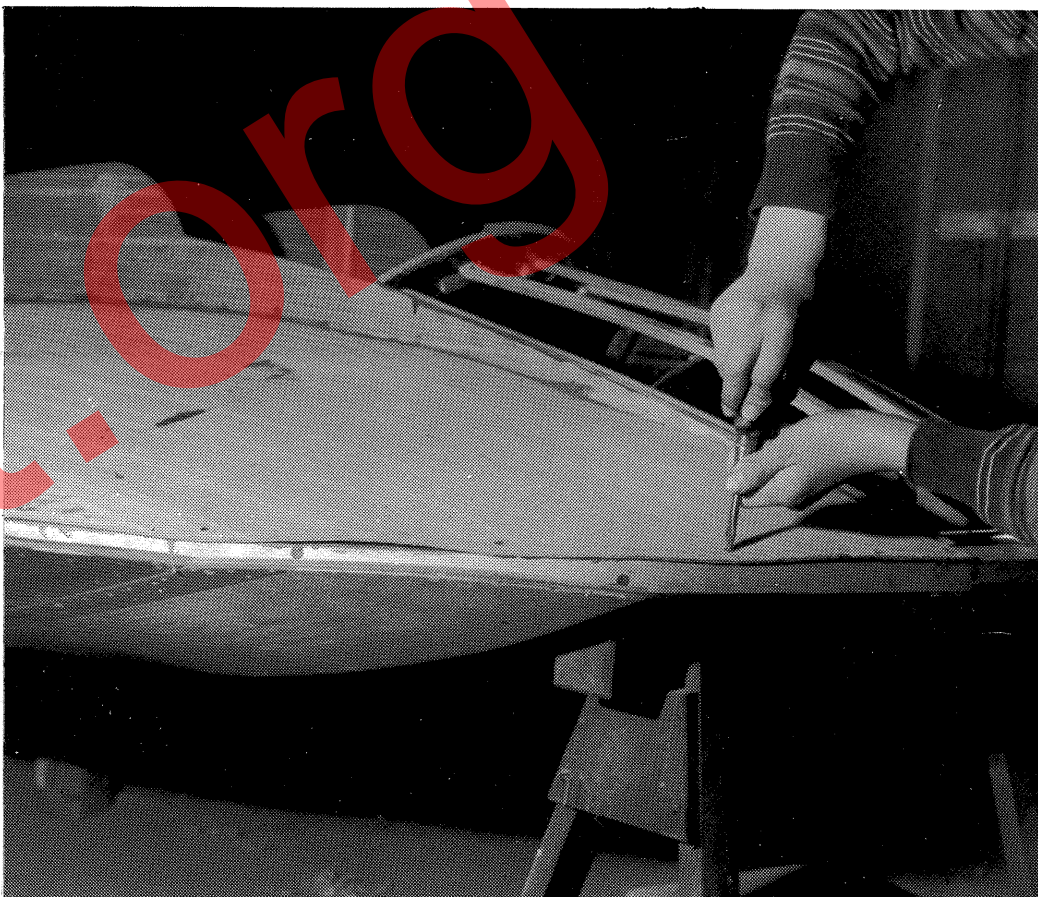
32. The ribs will not have to be notched as much as shown here for the deck battens. This has been corrected on the rib drawings.



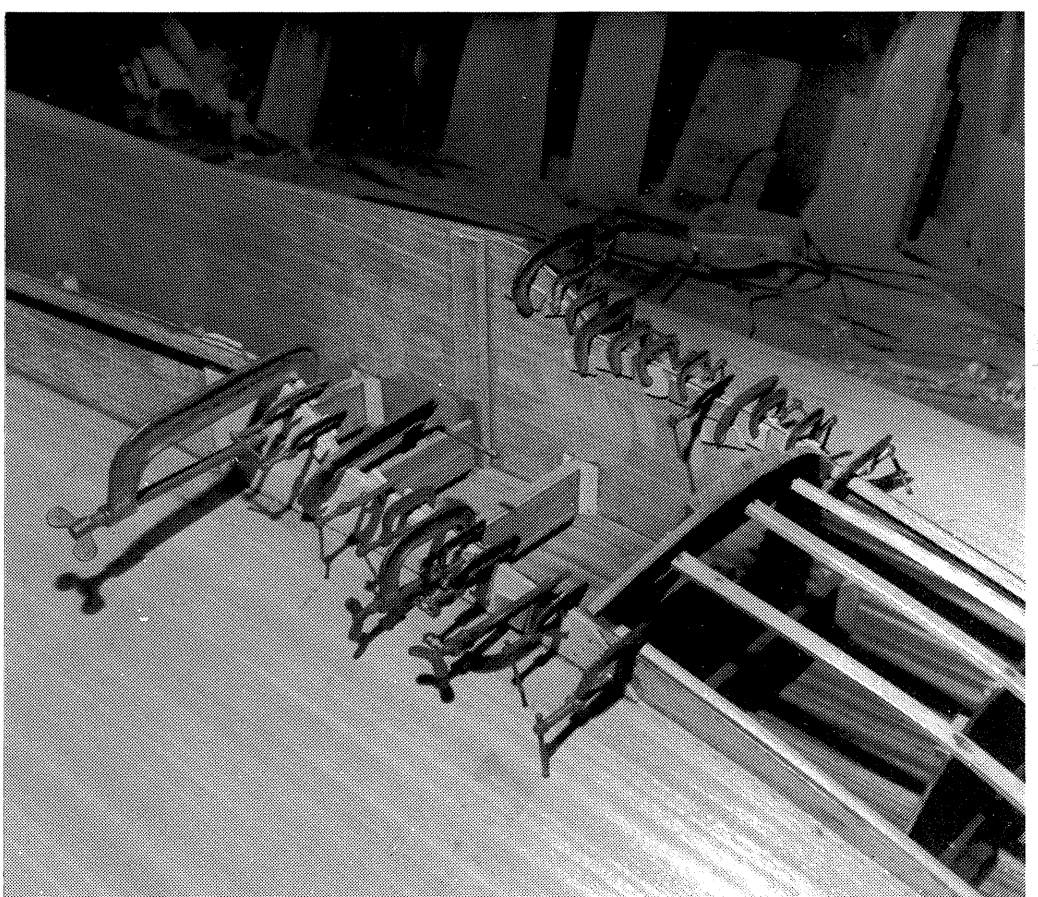
33. Deck battens in place. Note nose piece in center, to which you screw the front handle.



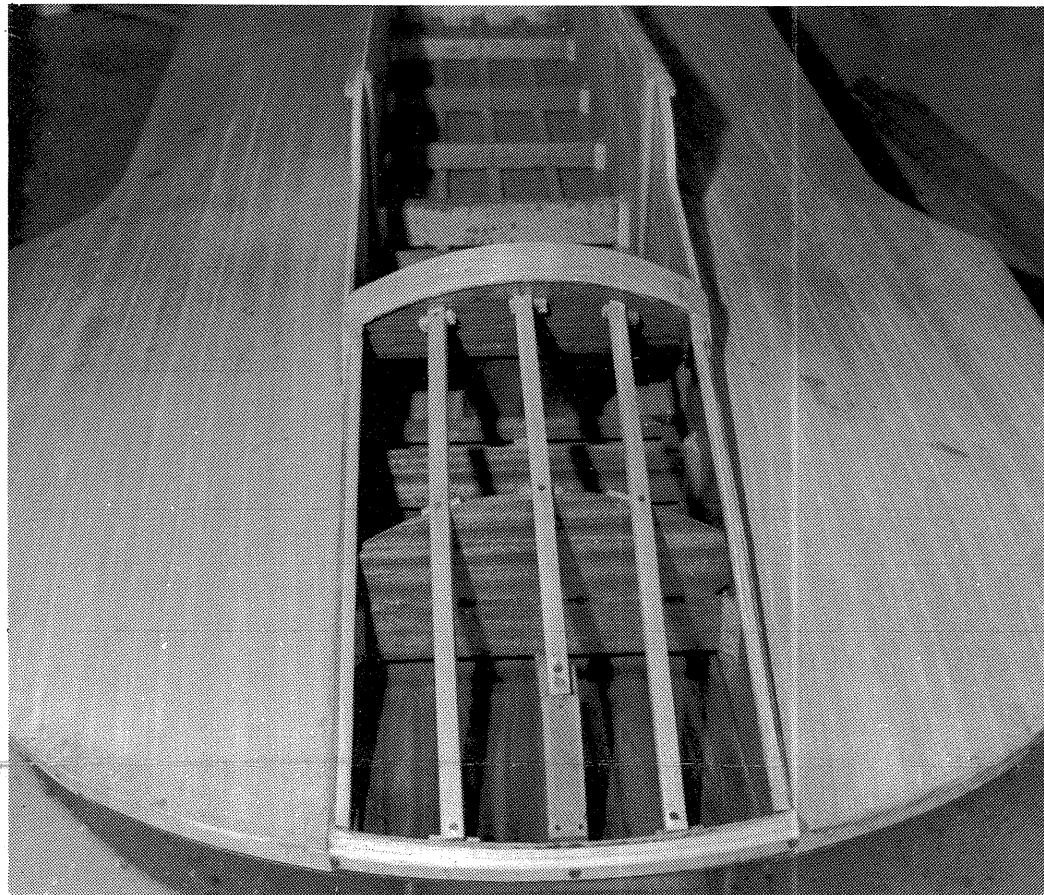
34. Another view of all the deck battens in place. Varnish battens before fastening them to ribs.



35. $\frac{1}{2}$ " plywood is used for the side decking. A little warm water will make the plywood bend easier. Screw at wide intervals at first to spread the strain over a large area.



36. A piece of $\frac{1}{4}$ " plywood is glued to each side of the girders to strengthen cockpit coaming near front.



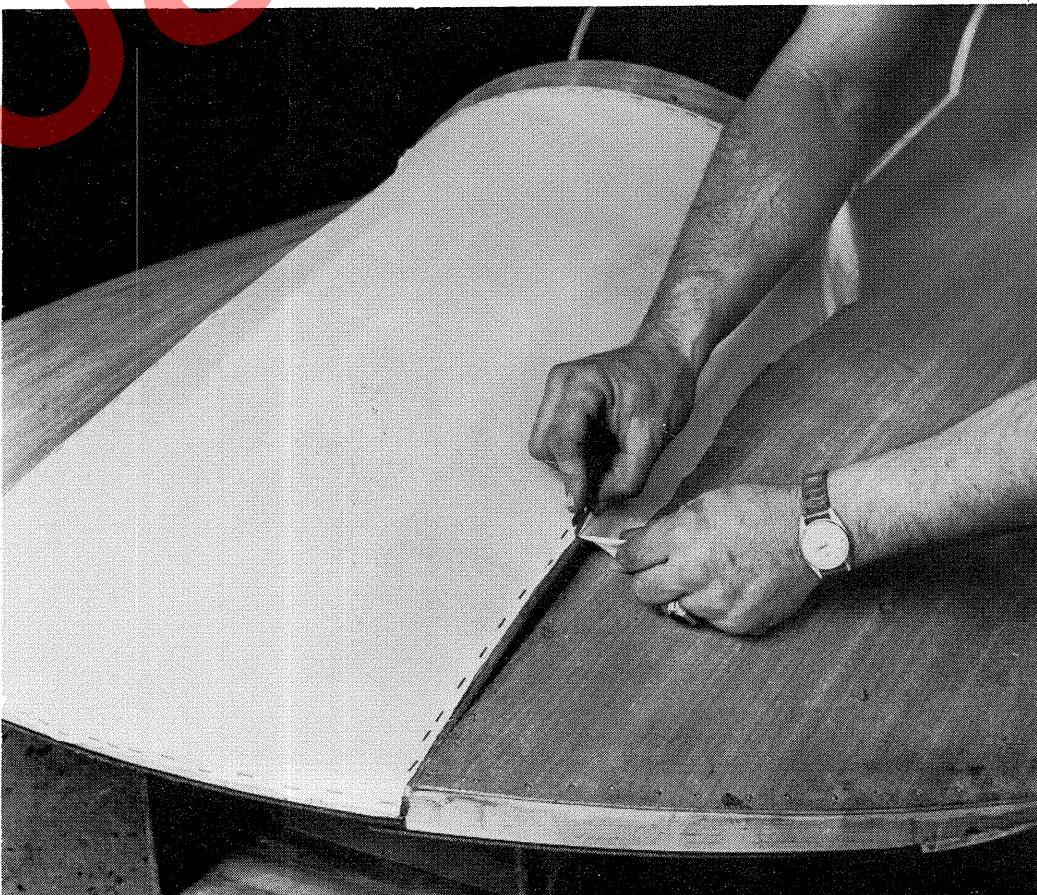
37. Deck and interior of cockpit are finished and ready for varnishing. Cloth decking should offer no problems.



38. A good trick is apply the last coat of varnish with the boat hung over head. This will give you a dust free job.



39. A staple gun is ideal to use in fastening the cloth deck in place.



40. I found a razor the best way to trim off the excess cloth.



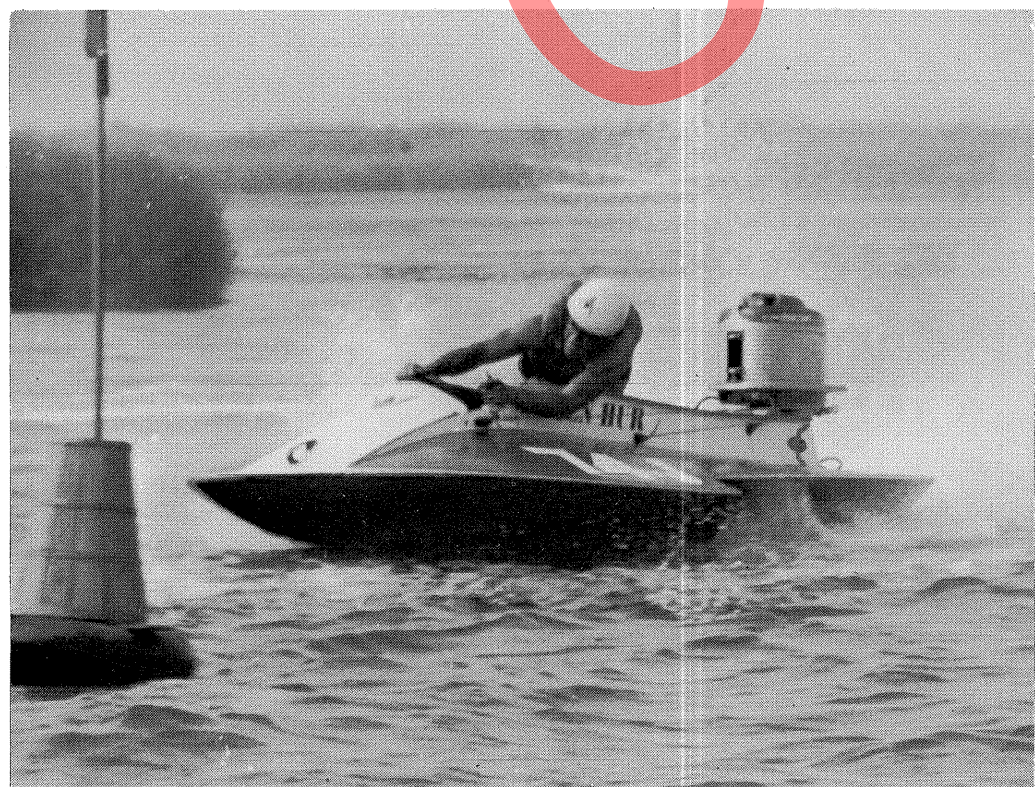
41. Temporarily put the bow handle on. After the first coat of dope the holes are easy to spot and mark with an ice pick.



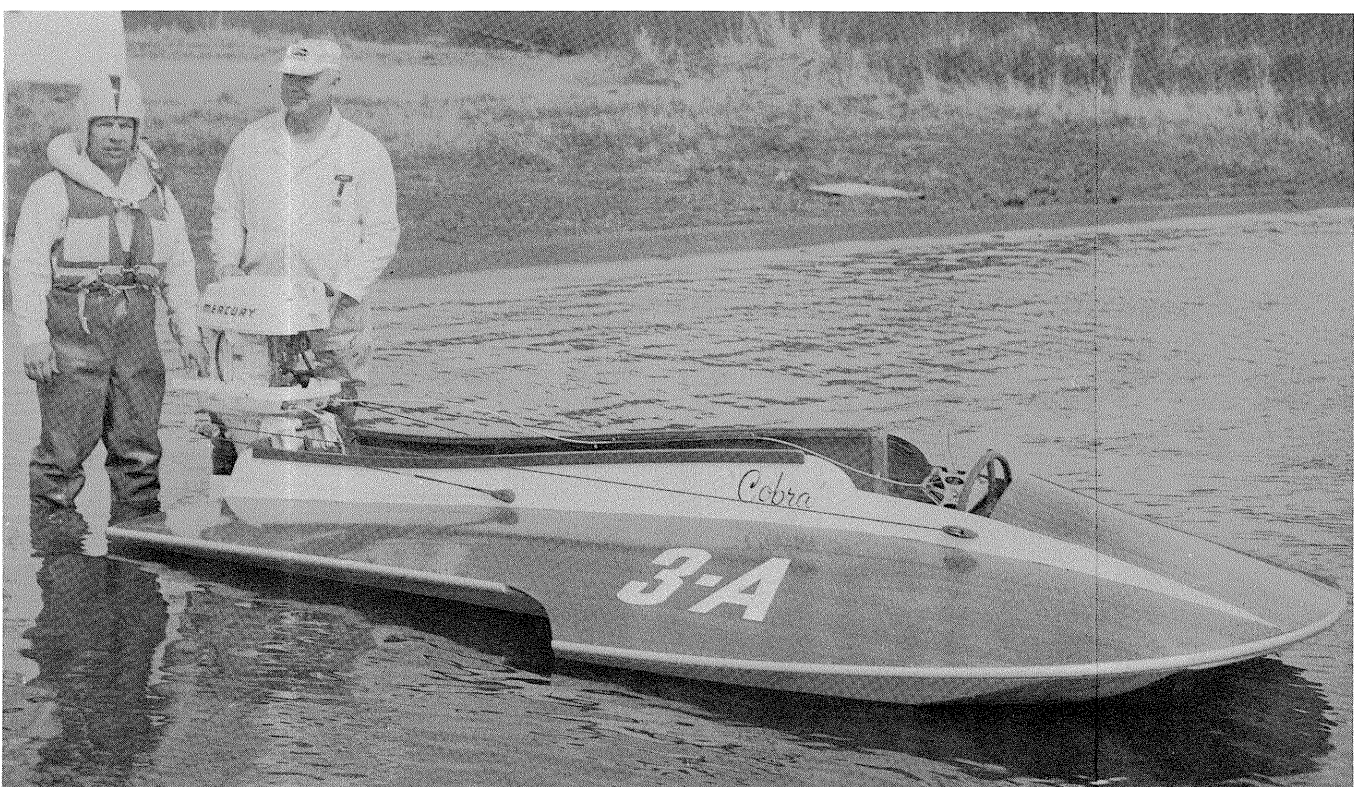
42. Front deck all finished.



Ready to go. Note the two strips of $\frac{1}{4}$ " plywood over the edge of cloth deck to hide the tacks. $\frac{1}{2}$ " half round aluminum strips are used on all edges to both protect and dress up the boat.



Out in front in one of her many A.P.B.A. races.



Mr. Joe Schelcher, from Alaska; built this Trophy Winning BEN HUR..Proof of the fact 'you can build a better boat than you can buy'!

