

Slo-mo-shun IV

Assembly Instructions

- 1) Cut ply bottom to proper width indicated on plans. DO NOT cut V shape in front, DO NOT taper rear. Just the width and length (if you are working on 24" ply no need to change it).
- 2) Trim the notches to fit your square stock and sides. Refer to the top view to get the proper FINISHED width. You should be removing about 1mm each side to remove the wood ash.
- 3) If you are interested in a stock setup, trim the after portion of the hull sides so that you have 3/16" square area the depth of the long slot. There are two ways to build the sides - for beginners I strongly recommend making this cut. You will change the back shape from a slab with a slit in it to a "fork" kind of shape. This will make the bend much simpler.
- 4) Glue the hull sides to the ply. Use the bulkheads to space them properly. Make sure they are square at the at the transom.
- 5) Glue 3/16" square stock to the bottom at the places beneath each bulkhead. Meter your use of the square stock - you need several long pieces and you should take care to preserve them. (I recommend you make 2 24" long pieces, then work from the remainders). Glue the bulkheads to the top, so the top corners of each touch the top corners of the sides. DO NOT do the bulkheads at the rear which will require the sides to bend yet.
- 6) After the glue from step 5 is cured, add the last two bulkheads, flexing the sides appropriately. I like to use rubber bands to hold the transom together.
- 7) After that glue cures, add the 2 long stringers to the deck.
- 8) Add the sponsons to the main body. Add the moon-shaped pieces to the front of the sponsons. Add the stringers to them.
- 9) Now comes the only hard part of the kit. Cut a block of wood to the shape shown on the top view, at the center of the ply. If you are working with 24" ply, it will be a little short - don't worry about this, just fill in the area with balsa later. Glue the block to the bottom and sides.
- 10) Water proof the entire interior with your choice of coating. I prefer epoxy.
- 11) Cut the ply to match the curve of the wood bow blocks.

- 12) Sand the stringers and hull to make gentle shapes. Sand the bow block to the appropriate curve to match the deck. Part of the object of the sanding is to remove any epoxy which may have gotten on the glue surfaces.
- 13) Sheet the sponsons. I recommend 1/32" ply minimum for the ride pads. Sand the places where it extends above the deck, so as to maximize glue area.
- 14) Test fit your deck pieces. If you are skilled, you can do it with 3 pieces. It took 5 for me the first time. Water-proof the deck prior to attaching to the hull. If you use long-cure epoxy (several hours), it can be used to join the deck to the hull as well.
- 15) Sand the outside then paint.