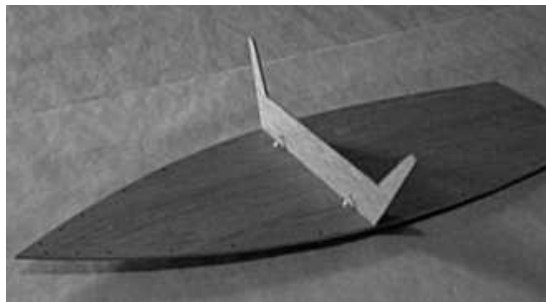
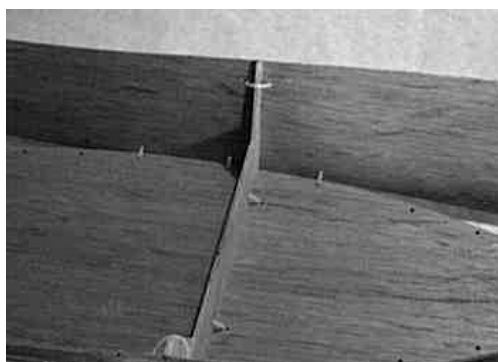


Build a model of the *Weekend Dinghy*

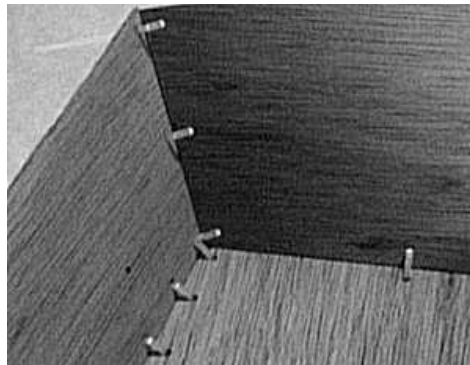
- 1) The parts for the Weekend Dinghy model are computer cut using a vacuum hold-down system. To avoid losing vacuum pressure the parts are not cut all the way through, and this thin tab may need to be removed with a sharp knife. You may also need to use a nail or ice pick to clean out any tie holes that aren't cut all the way through. The only exception to this are the two shallow holes that mark the bow and stern seats; they are used as markers and don't need to go all the way through.
- 2) Each part has a smooth side and a rougher side; the smooth sides should face in. Sand all the parts now while they are easy to work on, but don't worry too much about the outside of the bottom, side, and transom; they can be sanded after the hull's assembled.
- 3) Sand a small chamfer (bevel) on all of the edges that will join on the side, bottom, and transom pieces. This includes the bottom edge and both side edges of the side panels and transom, and both sides and the stern edge of the bottom panel.
- 4) Stitch the frame to the bottom panel using the four holes in the bottom. Now stitch the side panels to the frame uprights using the two upper holes in each side panel.



- 5) Finding a matching pair of holes in the bottom and side panel, insert a cable tie through a hole in the side panel from the outside and out through the matching hole in the bottom panel. Loosely fasten the tie. Do a couple more ties on this side, then repeat with the other side panel.



- 6) Continue stitching the side to the bottom until you reach the ends, alternating sides. Stitch up the stem and stitch on the transom. The corner where the transom, sides, and bottom meet will get ties from two directions, so there will be two ties in each corner hole in the side panels. It may take a little twisting but they'll fit



- 7) Line the panel edges up so that the chamfered edges meet bevel-to-bevel, and start tightening the ties. Work slowly until everything lines up and the ties are all tight



- 8) When it's all lined up, tack the panels together between each tie with a thickened epoxy mixture or a hot glue gun

- 9) Remove the ties and fillet the seams using an epoxy mixture or an adhesive caulk. Fill the tie holes on the outside with the same filleting mixture or wood filler
- 10) Trim the transom re-inforcement so that it fits inside the fillets at the top of the transom and glue it in place. Install the stern knees, breasthook, and skeg.
- 11) Glue the seats in place. The shallow holes in the side panels mark the center of the bow seat and the forward edge of the stern seat . Press them into place and tack them with a hot-glue gun. Fillet the seams, sand all parts and fillets one final time, prime and paint.

The *Weekend Dinghy* was designed by Karl Stambaugh of Chesapeake Marine Design and is featured in his book *Good Skiffs*. For more information on this or any of his other designs, Karl can be contacted at:

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The models were computer-cut by Seaside Small Craft on a ShopBot CNC tool. For more information on kits or computer cutting, contact them at:

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