

9/23/15

Young America 1853 – POB 1:96

Part 9 – Support for the Inverted Hull

The hull of the model is very strong and solid – except for the fragile plywood toptimbers. Since there is a lot of work to do with the hull inverted, some form of robust support was needed - to support the hull for heavy work like fairing, but at the same time to keep the toptimbers protected. A heavy wooden block that could be securely fastened in a vice was made and attached to the hull for this purpose. It is shown screwed down to the “deck beams” in the first picture.



To secure the block to the hull a pair supporting spacers were fitted and glued between bulkheads – away from later facilities. These are shown glued and clamped in the next picture. Four long wood screws were used to fasten the block to these supports.



The wood block was rabbeted along the sides as shown below to keep the toptimbers clear of the vise jaws.



Two strips of wood were used to keep the block from rocking on the round up of the deck. The next picture shows the hull securely clamped in a bench level woodworking vise ready for the next steps.



Removal of the excess spine was the first of these steps. In the next picture a coping saw is being used to cut just outside of the bearding line previously marked on the forward part of the hull.



The spine aft of the post was also removed by cutting on a line marked from a stern template. Both these cuts are rough at this stage.

After this work the hull was ready for fairing – to be covered in the next parts.