

1/21/16

## Young America 1853 – POB 1:96

### Part 42– Fancy Rail Completion

This will be the last post on the POB version of the model, since its purpose as a demo model for the book had been fulfilled at this stage. This stage of completion for both models constitutes the scope of volume I of the book and can be seen in the last picture in this post. This point was reached on the framed version at the end of May 2015 and for the POB version in early October 2015 – just before the NRG Conference.

The only step remaining to be covered on the POB version is the completion of the fancy rails that cap the bulwarks along the main deck - quite a simple process after the curved shapes at the ends. In the first picture a section of rail on the port side has been made, painted and pinned in place.



The pins are placed in the toptimbers. The holes will later be filled with copper wire bolts to reinforce the connection and fill the holes.

The width of this rail steps down at each of the breast beams. The reason for wider widths at the poop and forecastle were explained in an earlier post. In the next picture the rail has been raised on the pins so glue can be applied to the top of the bulwark and toptimbers.



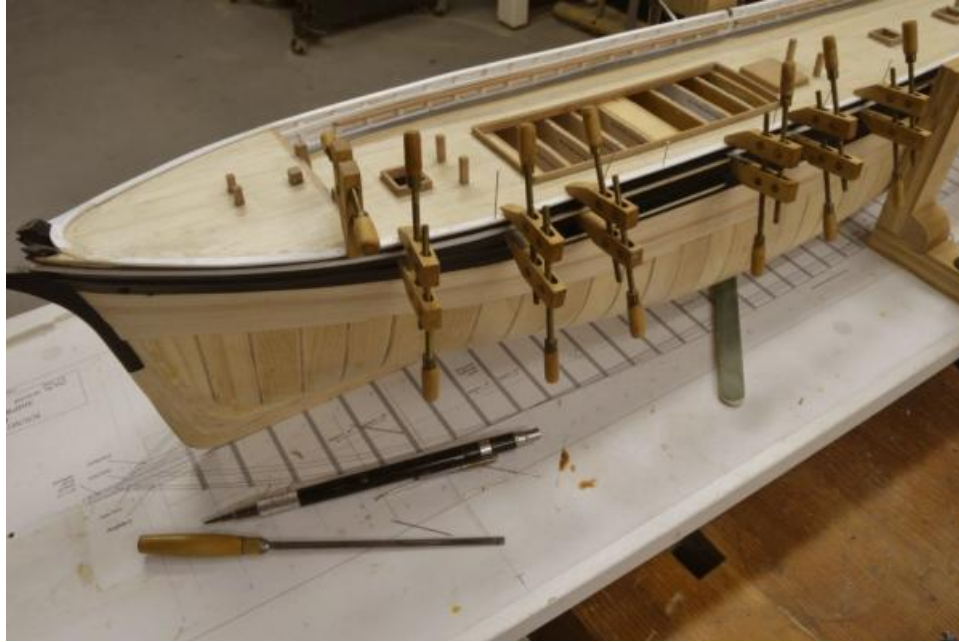
As I have noted at other times, this method avoids having to find pinholes under a layer of glue. In the next picture the rail has been pushed down and clamped.



At this stage all the excess glue was washed off with water. The next three pictures repeat the process on a forward section of the starboard rail.







Once all the pins had been removed, wire bolts were epoxied in and the top of the rail was filed/sanded smooth and repainted. The sides of the rails were left untouched to avoid having to paint the white/black joint line. The last picture shows the POB model at completion next to big sister. All the remaining work that will be done on the larger framed version will be by methods that could be used on both. That remaining work, including masting and rigging, are planned to be included in Volume II.



Those that attended the NRG conference at Mystic will probably have seen the models pictured above. For the conference they were mounted on temporary bases with the base drawings attached. The POB version remains as shown, residing in my basement. The framed version has progressed substantially, as followers of the other blog will have noted.

I hope the increased level of method description in these postings will prove helpful to purchasers of the book who wish to build the POB version. As I mentioned earlier, I have made these posts and given more process detail to supplement the information provided in the book on this version.

I like the size of this model and it is very tempting for me to consider finishing and rigging it, but I suspect after doing that work on big sister I may be in for a break and perhaps something different. We'll see.