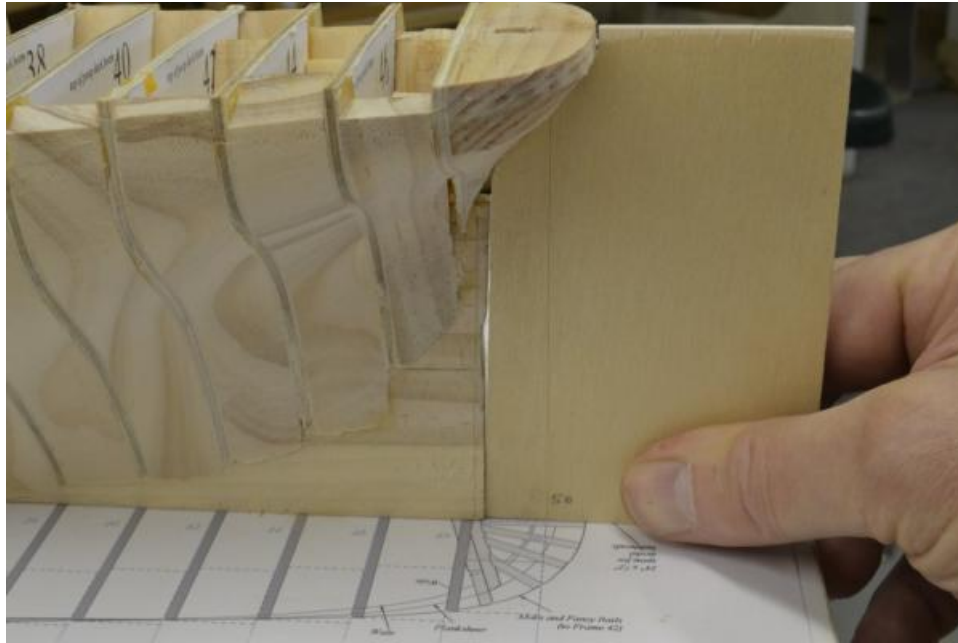


8/15/15

## Young America 1853 – POB 1:96

### Part 14 – Stem/Keel/Sternpost 3

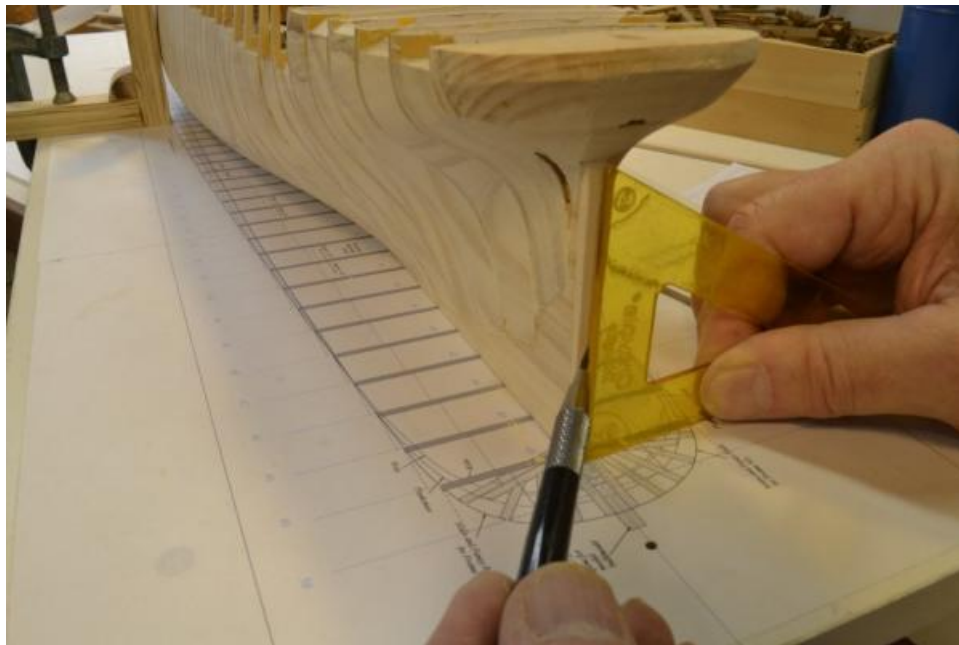
Before attaching the keel/stem assembly to the hull, the sternpost had to be installed. In the first picture a template is being used to check the hull for fitting the post.



The template is aligned at station 50. The picture shows the need for a filler piece. In the next picture the hull has been cut back for the filler, it has been installed, and the hull is being checked again with a different template.



The filler piece provided a straight, flat surface on which to bed the sternpost – assuring a good joint and clean surface for shaping the deadwood into the sternpost rabbet. In the next picture, with the hull plumbed, the sternpost centerline is being marked on the filler.



In the next picture the hull has again been inverted and the sternpost is being fit up.



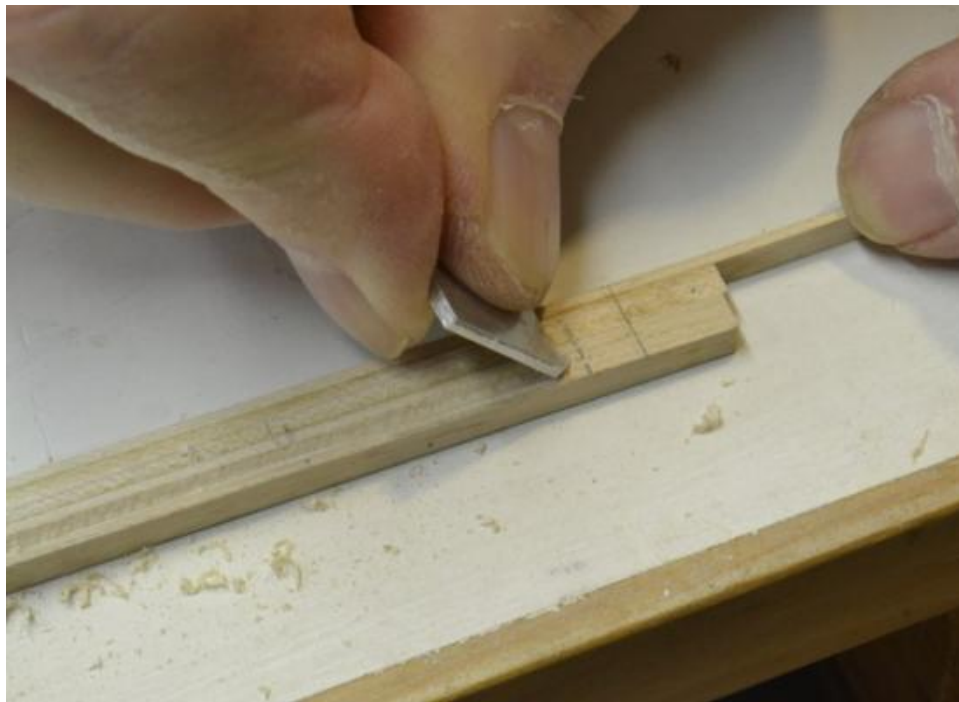
Holes for locating pins were drilled with the post in position. The bottom of the post was then cut off flush with the bottom of the hull. In the next picture the sternpost rabbet is being scraped out using the vise as a guide.



The rabbet was formed on both sides in this way – all the way to the bottom of the post up to the intersection with the hull at the top. In the next picture the post is being glued to the hull.



The keel assembly rabbet was extended only back to the inner line of the post, as shown below, deferring final rabbeting until after assembly.



In the last picture the stem/keel assembly is being glued to the hull and held in place with pins driven through wood blocks.



The hold down bolts were in position for the gluing/clamping, but were removed to avoid them being glued in.

The next step was to fair the deadwood into the rabbets at both ends – next time.