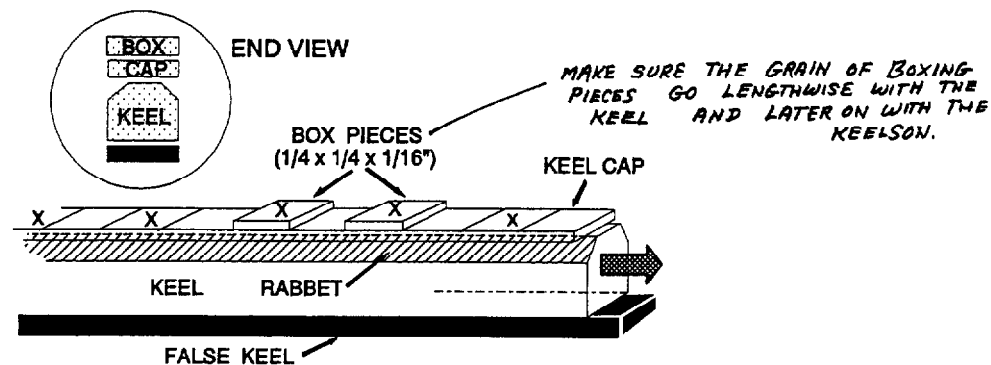


scarf face up and flat on work bench surface. Align and clamp with clothes pins false keel to keel assembly (false keel will be removed when gluing process is dry). Align and clamp keel/false keel assembly to work bench edge. Place stem pattern at front edge of keel and under keel. Align stem/keel joint with pattern. Place wax paper over pattern and under keel/stem joint. I found that just cement in pin hole was not adequate; insert 1/8" dowel prior to cementing. Cement keel/stem together. Clamp joint with 2" C-clamp. Put weight on stem to keep it flat until dry.

11) Next glue the deadwood keel cap (5/16" x 1/16" which was the stock excess cut off from the keel in step #6) on to keel making sure to clean glue out of rabbet groove.

NOTE: Use Mr. Hahn's plans for some preliminary work. Place 1/16" PauMarfin strip cut at step 6 from keel stock over plans and tape to plans using masking tape. Mark off length of keel cap strip (approximately 19-1/2"). At this time mark off box piece positions using machinist square and annotate by marking an "x" on keel cap for each of the 39 box piece locations. Remove keel cap from plans and cut to length. Glue on top of keel and clothes pin clamp to keel. Alternate clamps (one side and then the other side) to insure level fit. Clean out glue from rabbet bevel before glue dries. Let dry at least three hours before proceeding with putting keel assembly through thickness sander.



Note: Stop here if your keel assembly is to be inspected and put through the thickness sander.

12) Cut out 39 boxing pieces 1/4" x 1/4" x 1/16" and glue to the top of the keel deadwood cap matching the 1/4" spacing on the keel pattern. The boxing pieces actually fit between the frames.