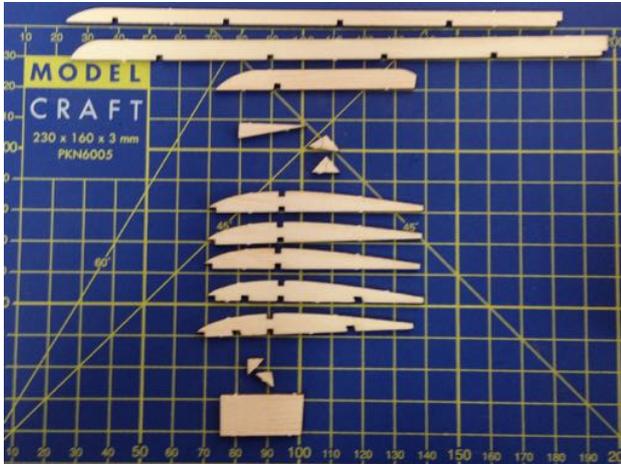


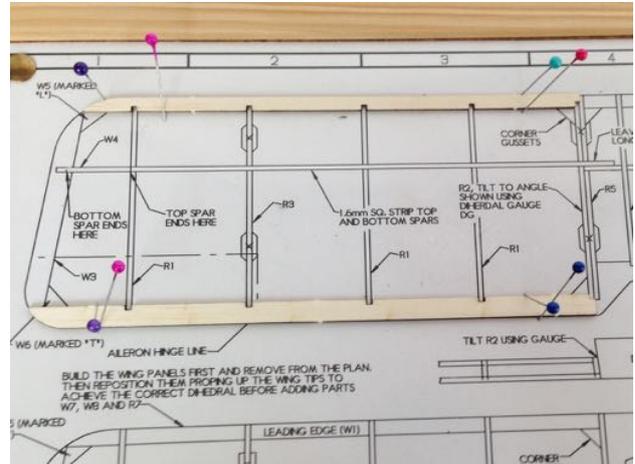
SE5A - MAIN PARTS AND FRAMES BUILDING SCHEDULE

MAIN WING PANELS

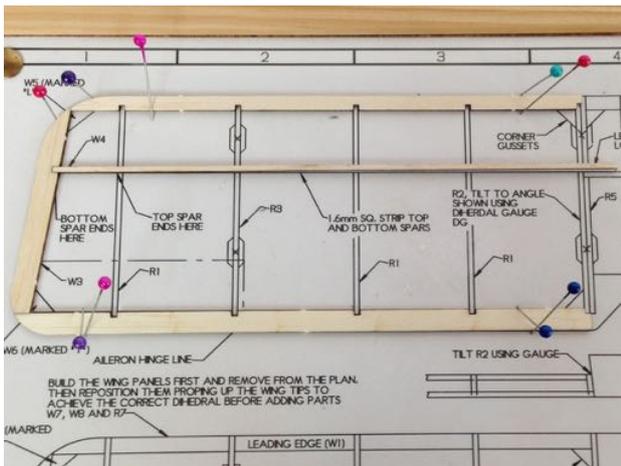
TOP WINGS



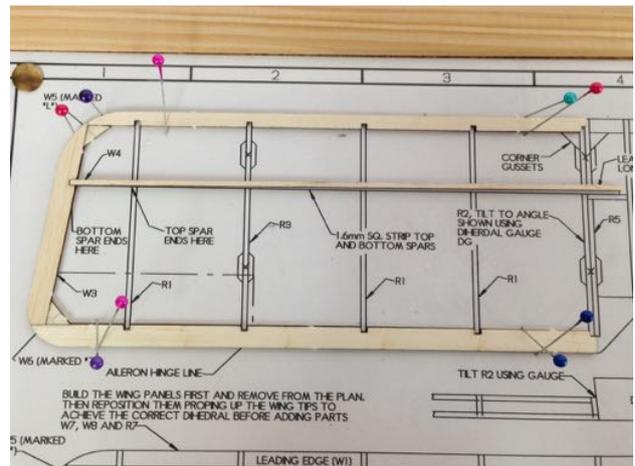
1) Identify and remove one set of parts in the following quantities from the laser cut sheets: 1 off each W1-W6, R1 (3 off), R2, R3 and 2 off corner gussets. You will also require the dihedral gauge DG.



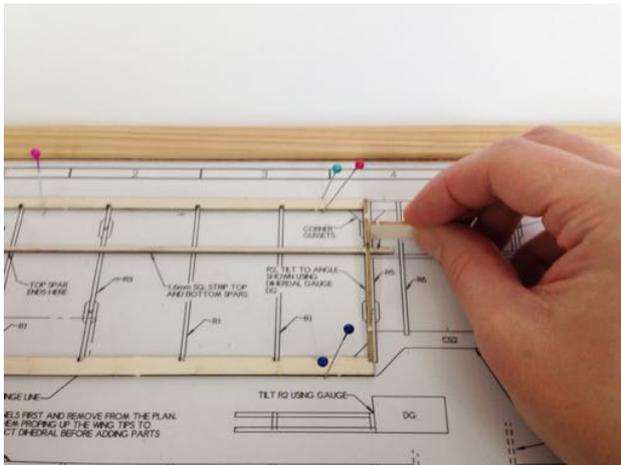
2) On the left hand top wing outline, pin down the leading and trailing edges W1 and W2, along with the tip piece W3...



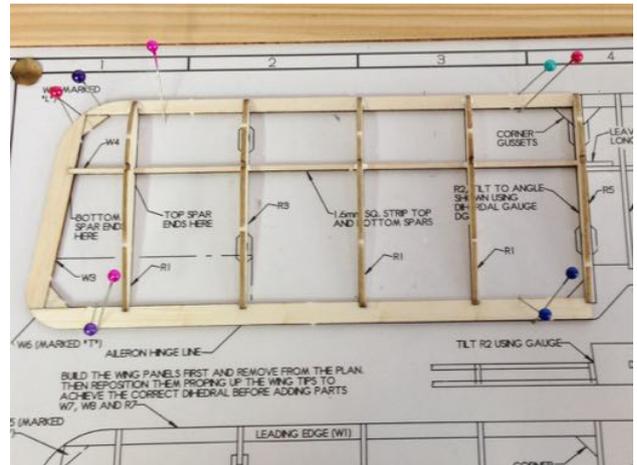
2)... and a stiff 1.6mm square strip that forms the lower wing spar. (Please note lower wing spar should end at R5 - image here is wrong!) Note that the spar finishes inside the notch of the wing tip piece W3.



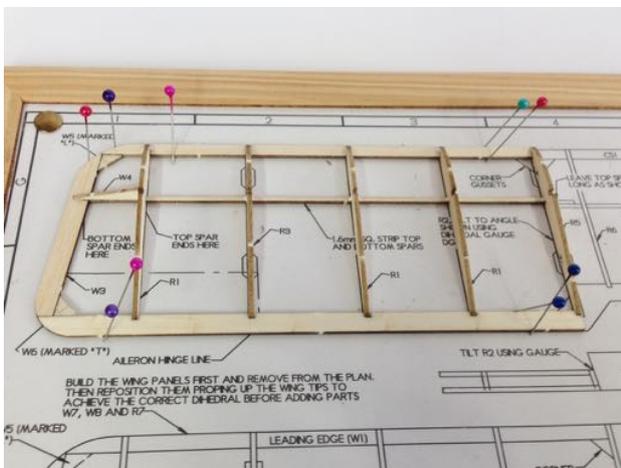
3) Trial fit the inner and outer ribs and make any minor adjustments to the positions of the previously pinned down parts as necessary. Once you are satisfied, glue W3 in place along with the gusset pieces W5 and W6 ensuring neat and strong butt joints.



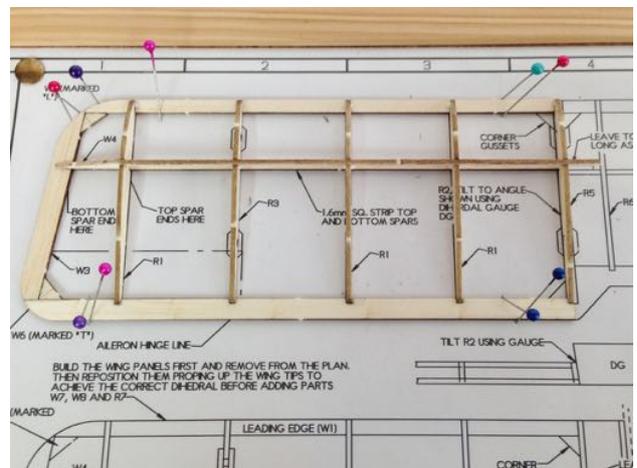
4) Fit the inner rib R2, tilting it using the dihedral gauge DG as shown on the plan.



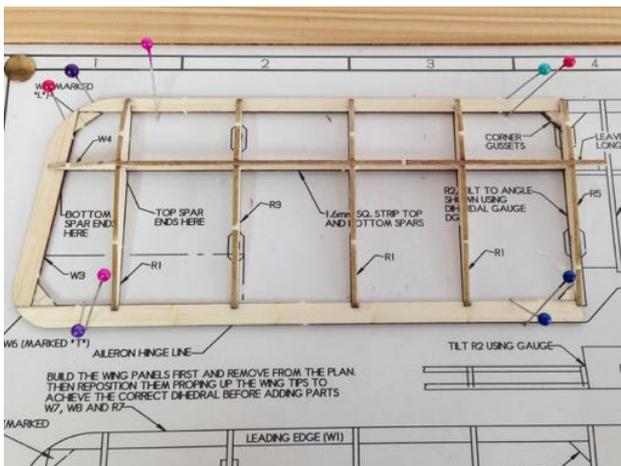
5) Fit and glue all of the remaining ribs making sure that they are upright and properly located in the lower spar, leading and trailing edges. Ensure that rib R3 is fitted in the correct position.



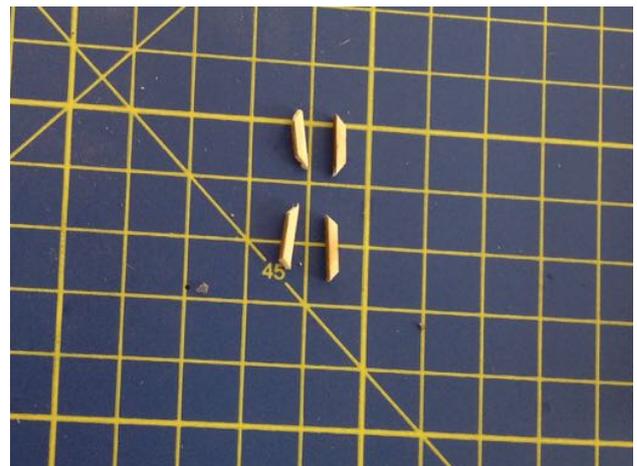
6) Glue W4 in position on top of the bottom spar and up to the outer rib.



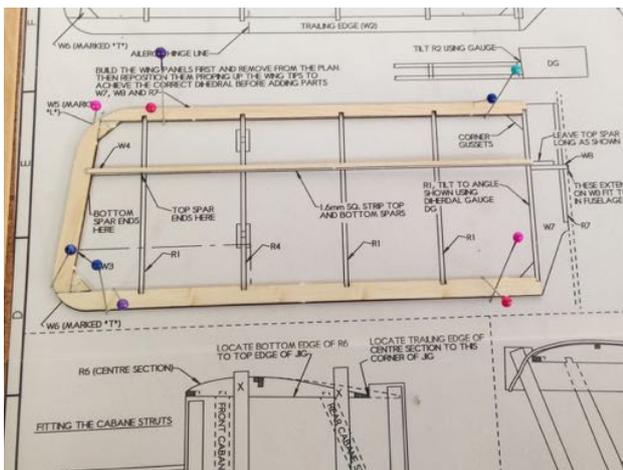
7) Fit a stiff 1.6mm square strip as the upper spar, noting that it runs from the notch of the outer rib and extends out from the inner rib as shown on the plan.



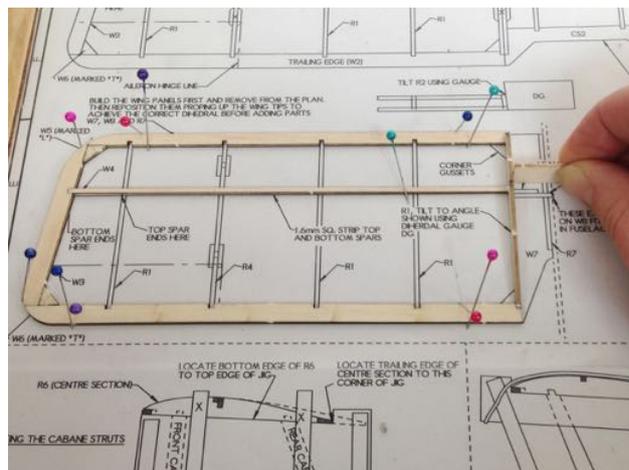
8) Glue the corner gussets in position...



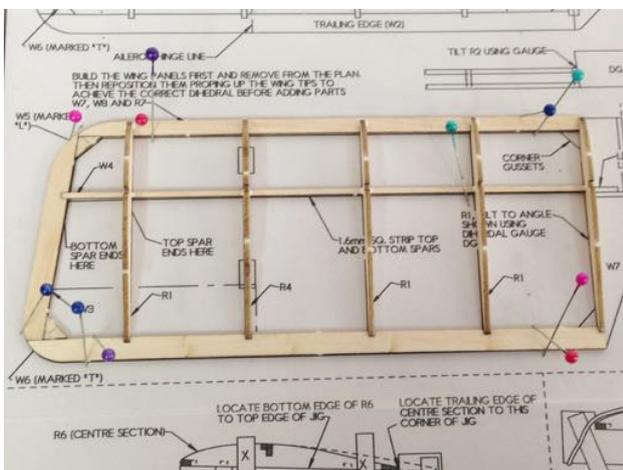
8)... along with the light 1.6mm square strip pieces at the base of the ribs as shown.



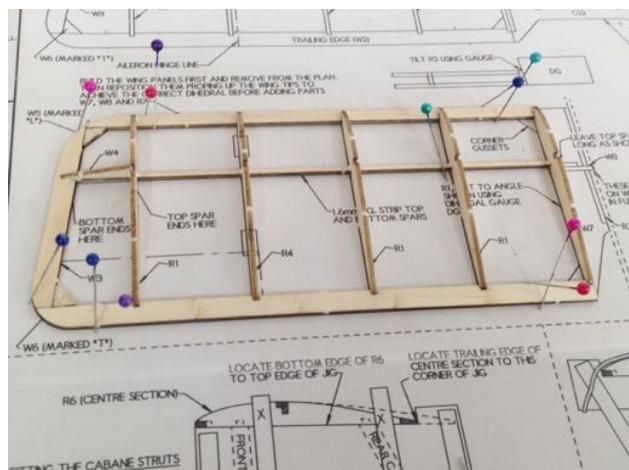
3) Trial fit the inner and outer ribs and make any minor adjustments to the positions of the previously pinned down parts as necessary. Once you are satisfied, glue W3 in place along with the gusset pieces W5 and W6, ensuring neat and strong butt joints.



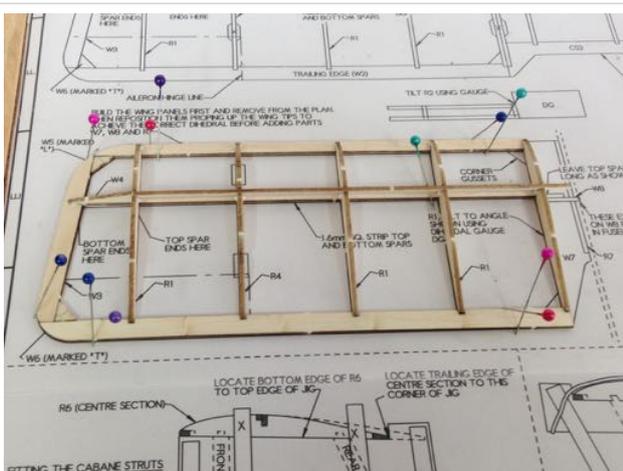
4) Fit the inner R1 rib, tilting it using the dihedral gauge DG as shown on the plan.



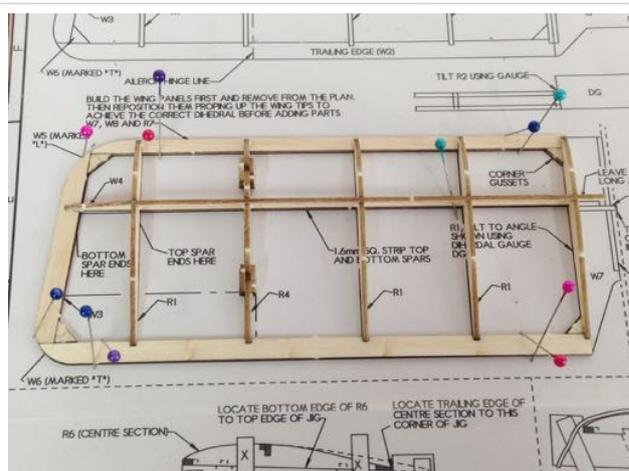
5) Fit and glue all of the remaining ribs making sure that they are upright and properly located in the lower spar, leading and trailing edges. Ensure that rib R4 is fitted in the correct position.



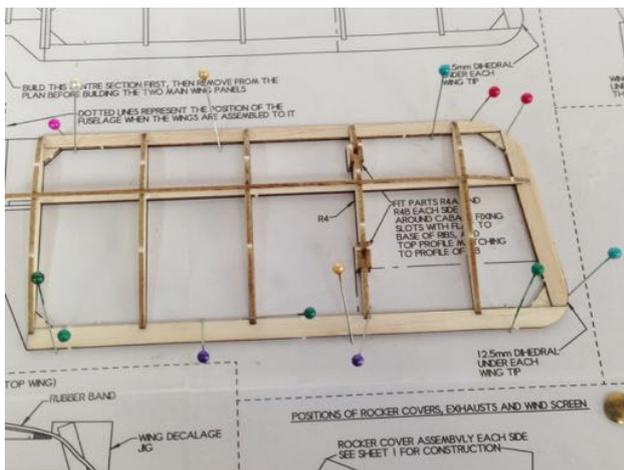
6) Glue W4 in position on top of the bottom spar and up to the outer rib.



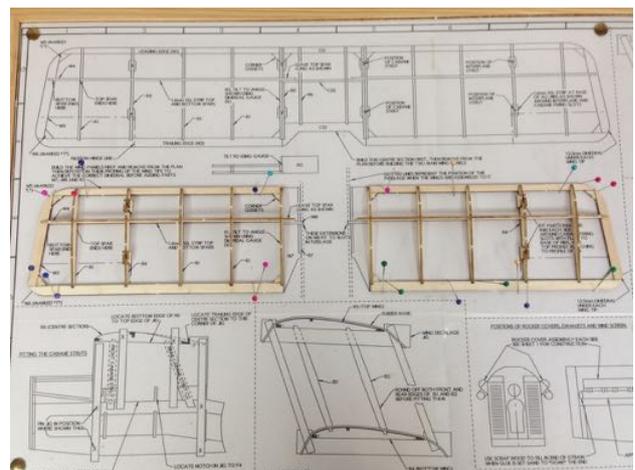
7) Fit a stiff 1.6mm square strip as the upper spar, noting that it runs from the notch of the outer rib and extends out from the inner rib as shown on the plan.



8) Glue the corner gussets in position along with the parts R4A and R4B to both sides of the R4 rib as shown. These parts bridge the slots where inter-planar struts will fit later. Make sure that no glue goes into the slots otherwise the mating parts may not fit together properly later on.



9) Repeat for the right hand wing panel.



9) Continued... Leave both panels to set before removing them from the building board.