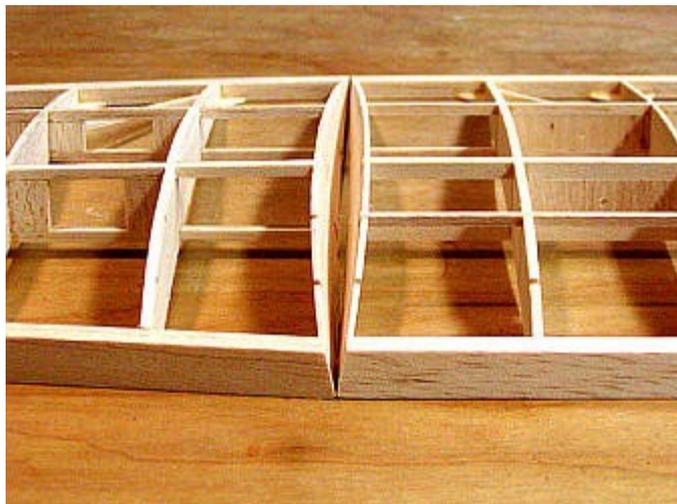


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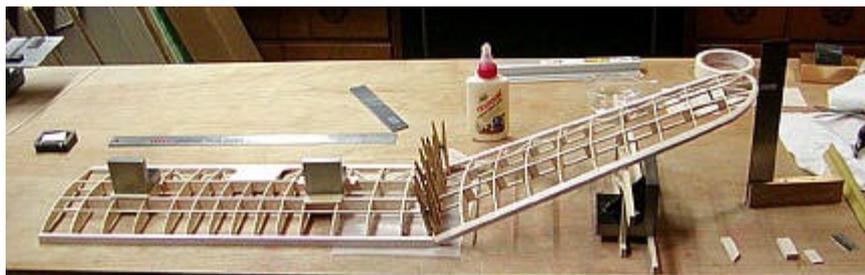
Mon, 17-May-2010

Building Tips and Tricks 4 of 4*by Tandy Walker**Layout and SAM Site Integration and Editing by Web Master Ned Nevels**(material provided by builder Tandy Walker)*[Back to How To's](#)

During the joining of the left wing tip p center section panel I took the followin for you to see:

Picture 1 This shows the use of the ter ribs that was used to set the required for one half of the dihedral angle on b panels.

Picture 2 This shows the left wing tip p up to the center section with only the spars, L.E., and T.E. glued together. H notice the use of cloths pins clamping temporary end ribs together, which se and hold the ends of the spars, L.E., a together overnight while the glue dries



Picture 3 Once dry, the two temporary cut and removed from the glued joint. very weak and must be handled carefu balsa filler is glued in between the spa dihedral joint as shown in the picture l

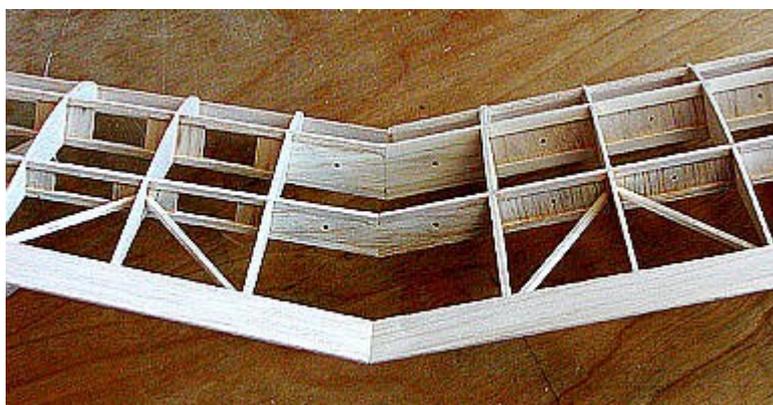
Picture 4 This shows the quarter inch v plywood dihedral bracing on forward sp 1/64" plywood dihedral bracing on aft is put on both sides top and bottom of pairs.

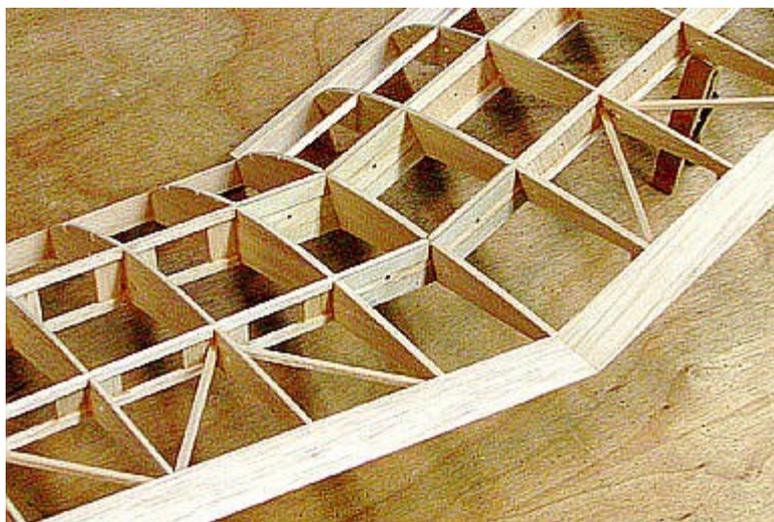
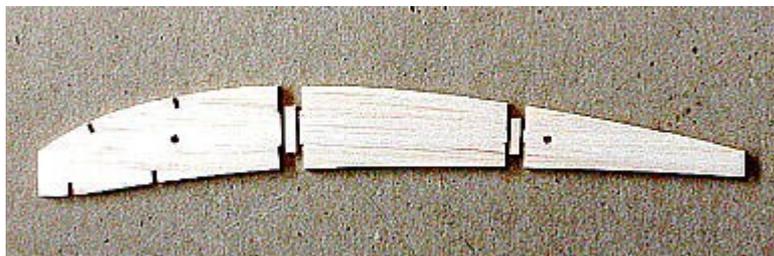
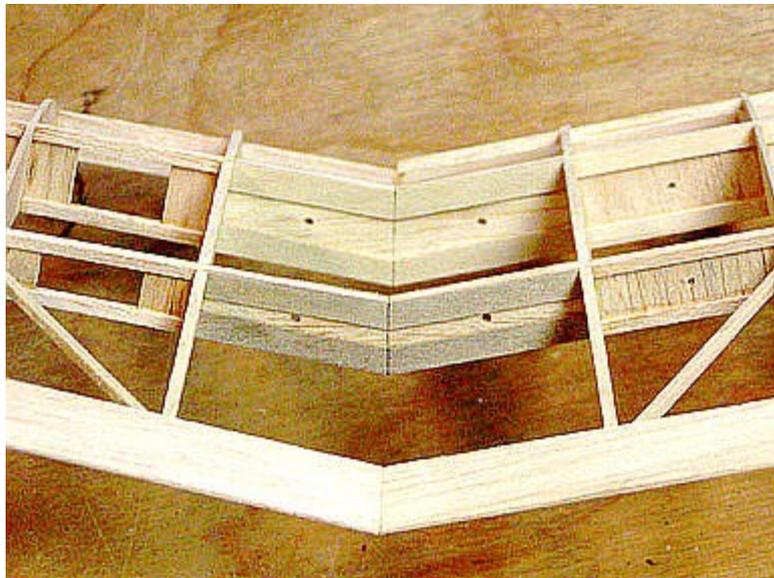
Picture 5 This shows the 3/32" balsa d after it has been cut into its three segr

Picture 6 This shows the rib segments place in the dihedral break plane. The effort is to glue in the four large triang on either side of this rib, two at the fro the L.E. and two at the back to brace t

The four forward 1/16" X 1/8" tubulat be glued in later, after the right wint ti been installed.

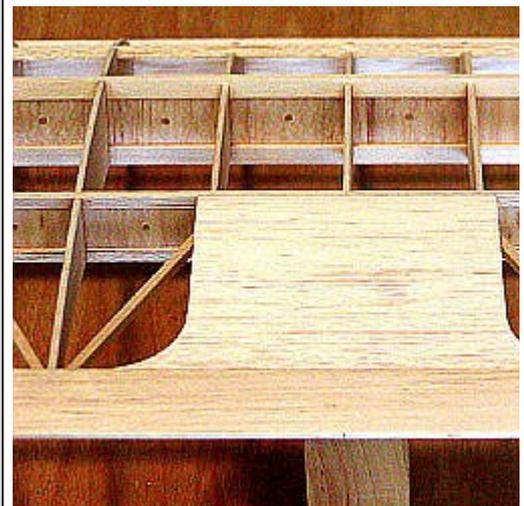
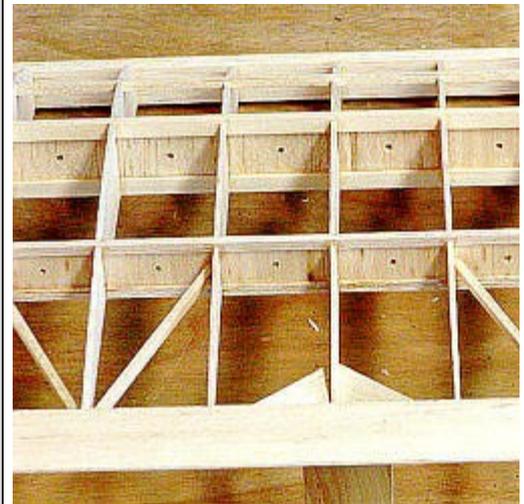
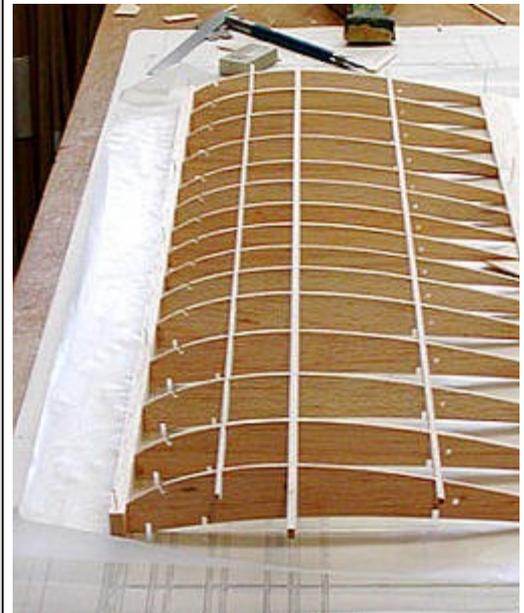
I trimmed the spar, L.E., and T.E. tip c and sanded the edge ribs, which are in the dihedral angle (11.76 degrees). Th completed the center section and I wil wing tip panels today. However, I took pictures of the center section construc



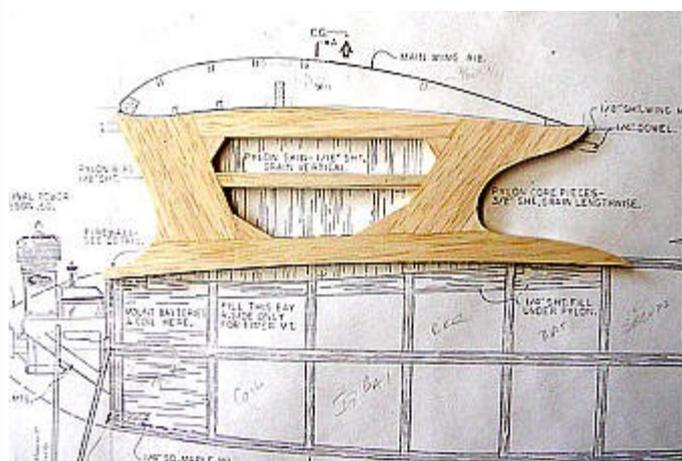
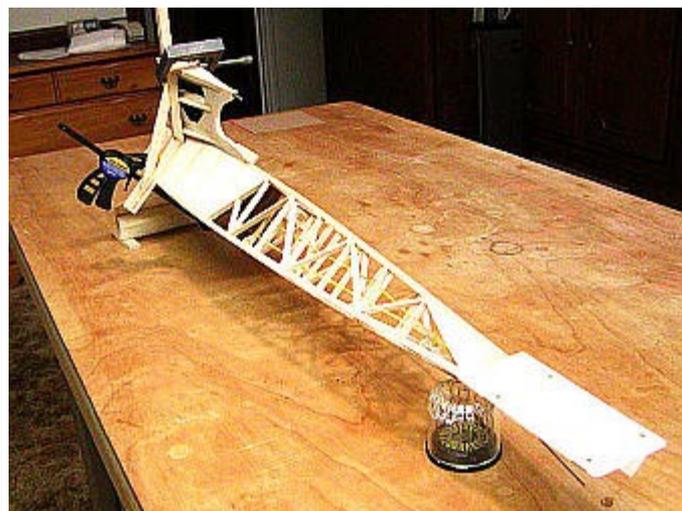
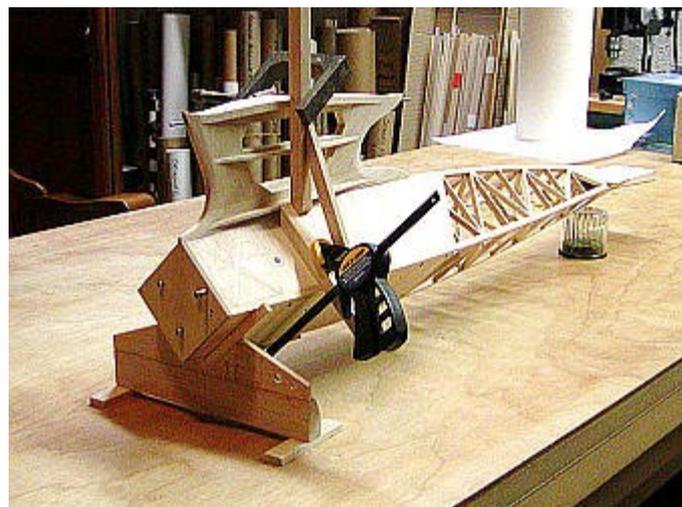
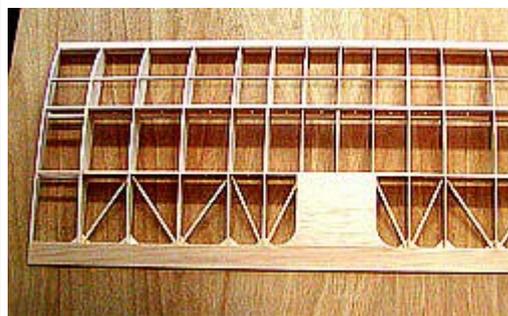


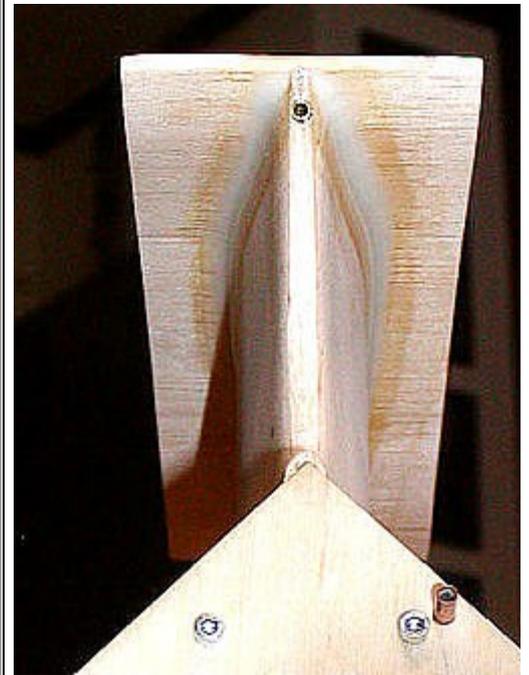
Some time ago, Charlie Reich asked me to post pictures of how I jig the pylon to the fuselage on my Bombers when bonding them together. I just finished jiggling the pylon to the fuselage on my

to share with you.



little Bomber. The three pictures below show how I do this and are self explanatory.





I have finished the pylon structure and it is ready for bonding to the fuselage top longeron. The first picture below shows the pylon structure from the bottom. You can clearly see the groove in curved bottom portion of the structure. Once I glued the streamlining ribs on the pylon structure, I sanded them to shape so that the vertical 1/16" balsa planking will fit on properly. Notice the reflex in the rib contours resulting from the sanding. Going vertically, the pylon planking will be straight at in the middle, but as you move either forward or aft, the planking becomes bowed (kind of hour glass shaped) due to the narrower chord of the pylon in the center. The second picture shows this pylon structure from the right side. The next step will be to glue the bottom groove to the top longeron of the fuselage shown in the third picture.

Tandy's wonderful photos clearly show he takes in building his models. He says plans to produce a 414 Sq Inch sized v

A CAD-drawn plan can be very precise or reduced to produce a plan of any size because the computer makes that process simple. The drawing must then be modified so the wood sizes match wood that you can use. (Ed.)

End

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