

## Kam-Aero 43% Extra 300.

### Fuselage Foam Sheeting - You'll need:

- 1/16" x 4 x 48" A grain balsa sheeting - used on stabs, fin / rudder, turtle-deck, front and rear bottom decks, and upper forward deck / hatch.
- 1/16" x 4 x 48" C grain balsa sheeting - used on wings (marked as wing sheeting).
- Foam cores and shucks.

The included diagrams are guides for your skin layouts - **PLEASE MEASURE TWICE AND VERIFY YOUR SKINS WILL FIT THE FOAM CORE BEFORE CUTTING AND GLUING!** **Note: There are two possible sheeting layouts for some of the foam parts. This is due to minor sheeting width differences after the sheeting packs have been jointer edge trued.**

It is recommended that you glue the balsa skins to the foam cores using a high quality laminating epoxy resin such as EZ-Lam from Aerospace Composites Products or West Systems. You can use either a vacuum bagging system or weights. Use an old credit card, key card, or an epoxy roller to spread the glue on the skins. You should use enough glue to leave a glossy sheen on the wood surface. Adding a couple drops of dye to the epoxy can help you identify dry and thick spots of glue.



Use a small squeeze bottle to apply a thin bead of glue to one edge. Fold the joint closed, clean any excess glue, tape across the seam and weight the skin flat until the glue is cured.

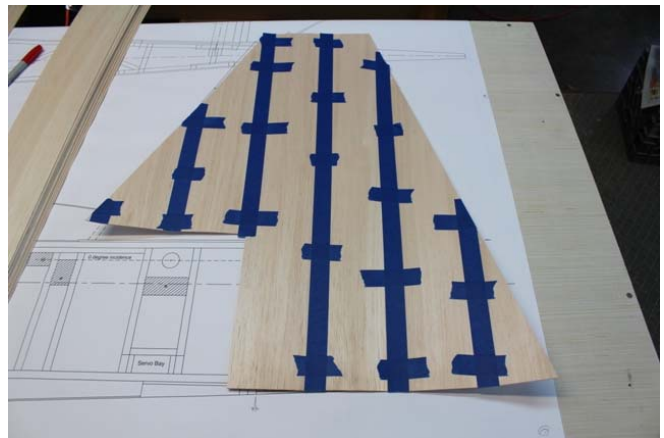
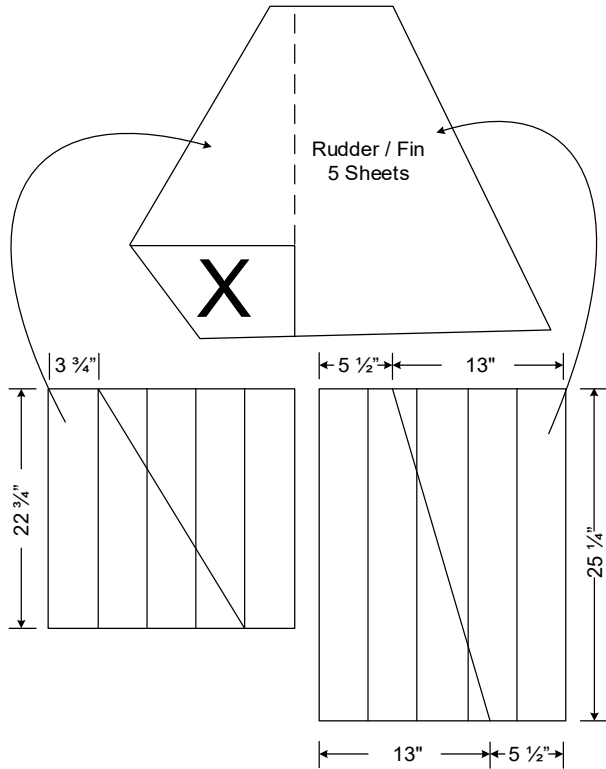
### **Forward Deck / Hatch:**

- Locate the upper forward deck hatch foam core. Using 2 sheets of the A grain balsa, make 5 10" lengths and edge glue with aliphatic resin (wood glue).



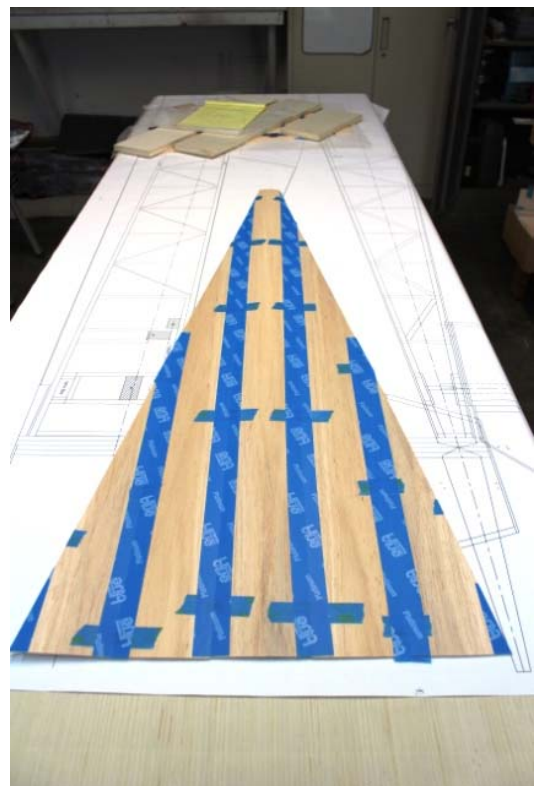
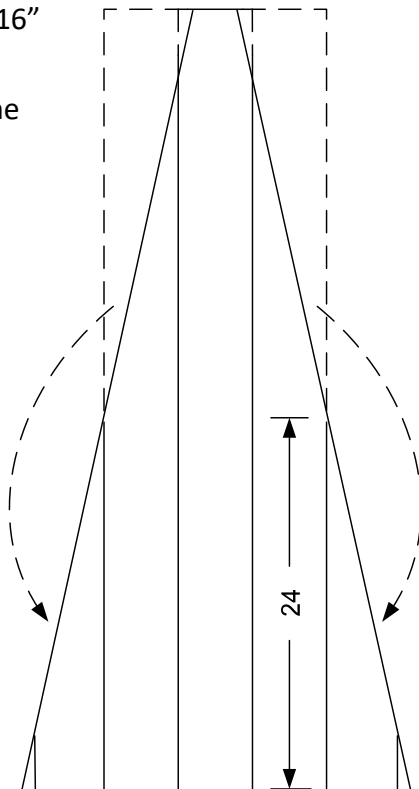
**Rudder / Fin Assembly:**

- Use 2 1/2 pieces of A grain 48" sheeting per side( 5 total).
- Cut two (2) 25 1/2" lengths for each side. Use remaining lengths to complete rudder / skin layout as pictured in the diagram.



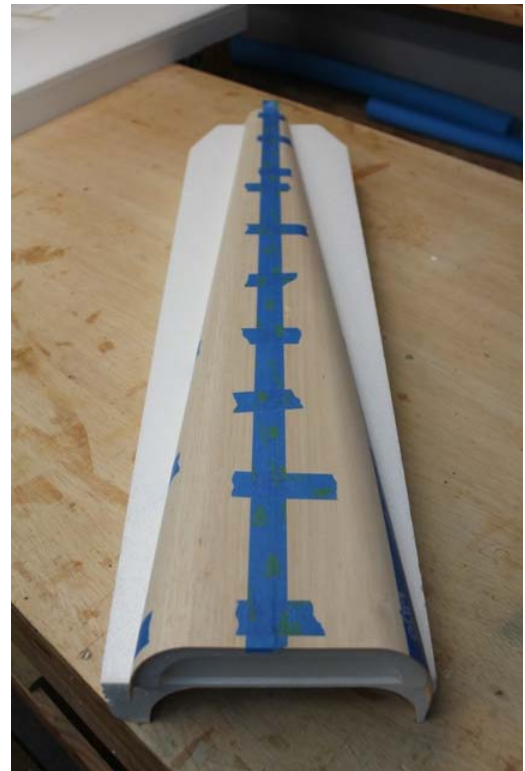
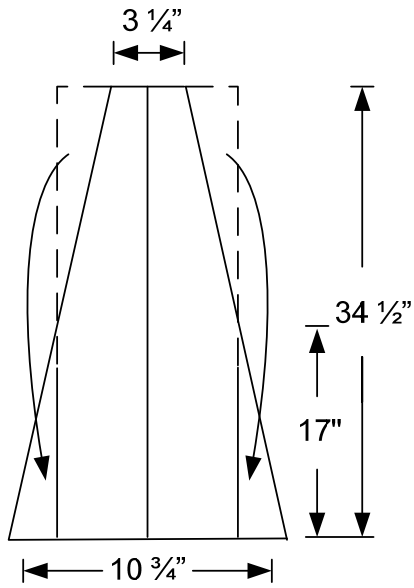
**Turtle Deck Sheeting Layout:**

- Use three 48" x 4" x 1/16" pieces of A grain sheeting.
- Cut and edge glue as the diagram indicates.



**Bottom Deck - Front and Rear:**

- Rear - Use two pieces of 1/16" A grain balsa cut to 34 1/2"

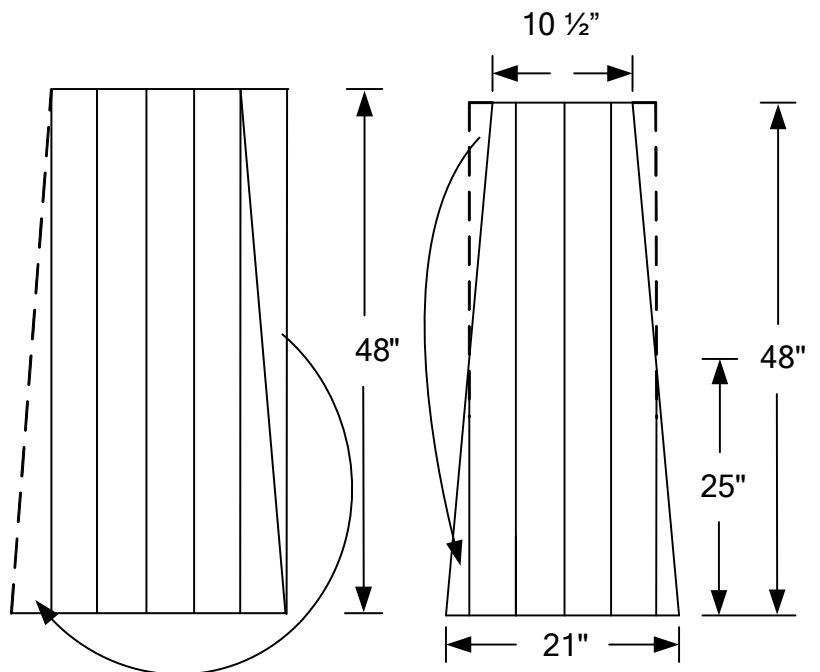


- Front - Use 5 (or 4 if using alt layout) 48" pieces of A grain balsa sheeting.



Standard layout: 5 sheets.

Wood saving layout: 4 sheets.



Note: Wing and stab sheeting will be covered in a separate log that also includes servo box / rail installation, and socket installation.