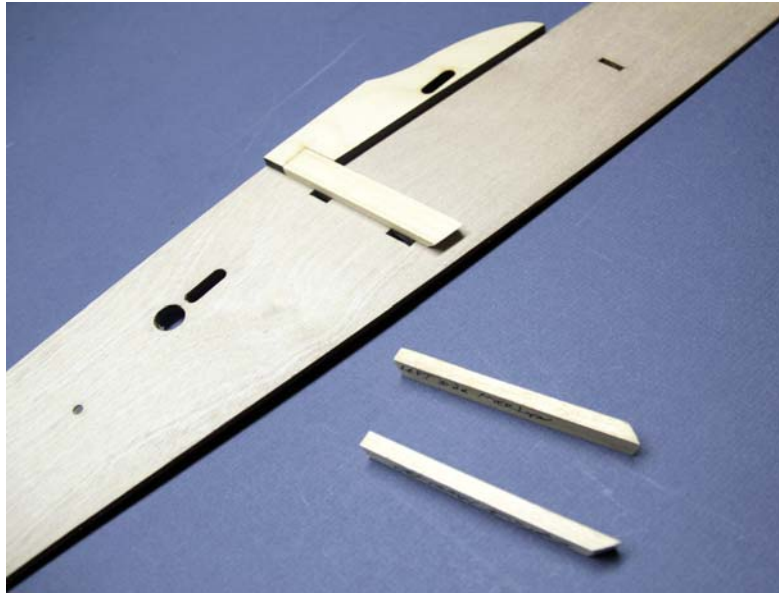
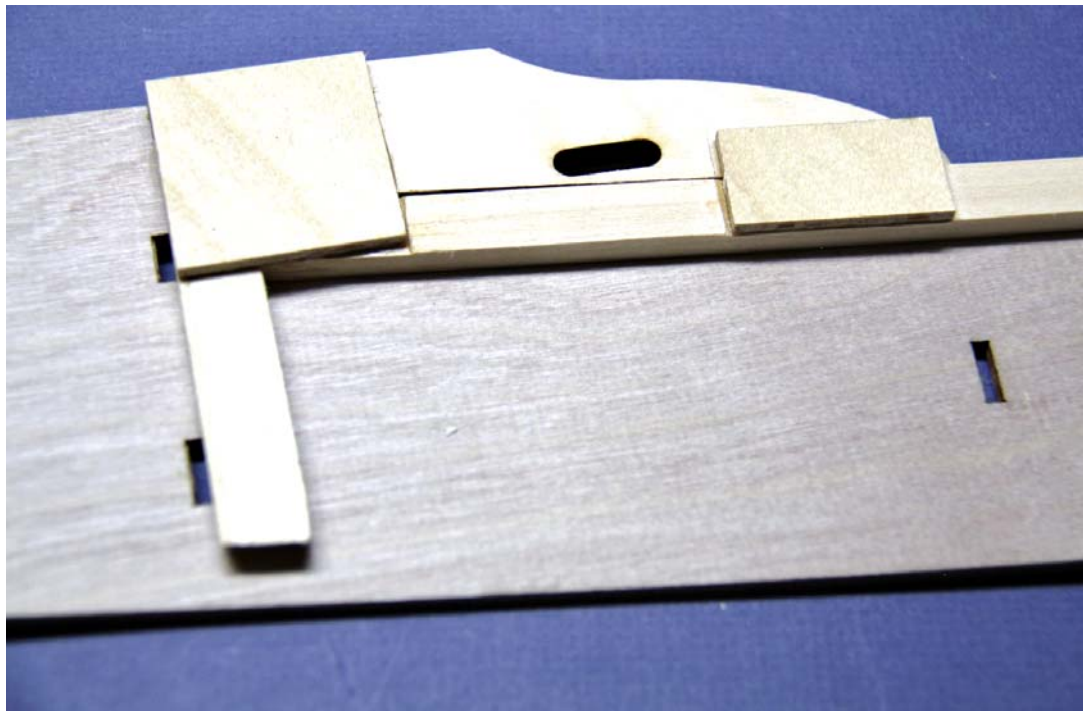


Merlyn S 3014 Fuse wing joiner info

Use one of the 1/4" laser cut canopy rest parts to out line the cut lines on the sides of the 1/2" balsa canopy sides before gluing part to fuse side as shown below.



1/8 x 1/4 spacer stick is glued to the rear edge of 1/4 x 1/2 part and sanded to match bottom bevel. Use former #2 as guide to align reinforcement pieces when gluing them down. The 1/8 x 1/4 sticks must touch former #2 because the brass tube holes will be located near the front edge of the 1/2" wide parts for more strength in this critical area.



Hatch rail required sanding a slight notch for 1/8" reinforcement plates. Plywood is MM, rail stock is inches.



**Canopy Rail located 2-3/16" back as shown
Nose block does not extend as far forward as shown on plan**

I will narrow fuse formers #1 and #2 to match width of former #3 to reduce frontal fuse area drag. This will require modifying the wing root from the angle shown on the plans to rectangular

Rib #1 will be 90 degrees to the leading and trailing edge

More fuse photos will be added here showing installation of brass wing rod tubes and laser cut Wing Root caps and ballast system

My wings will have flaps and spoilers

5-11-2011