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Subject: 90 Lancer 850 - Horizontal Tail Construction (Part 6)

Report No. 90
New Cyclone Lancer 850
March 21, 2018

Balsa planking on the bottom of the stab's center section was glued in place after the stab frame is removed from the plan. In addition, balsa fillets were added in each of the four corners as you can see below.



One section of the stab's forward top planking shown below was carefully cut out and sanded to shape. Notice that the fillet is an integral part of the planking.



Both of the stab's forward top planking pieces were glued in place as shown below. The fin's 3/8" base was put in the stab's slot and used as a guide to butt the planking up against to achieve a seamless fit. However, the base had to be removed fairly quickly before some of the aliphatic glue stuck to it.



This picture shows the stab's top planking complete. Notice the well-defined 3/8" slot for the fin base.



Here you see a trial fit of the fin base inserted into the stab slot. Notice the seamless joint between the fin base and the top planking. Today will be spent carving and sanding the stab's leading edge and tips into shape. If there is time left, the inplane diagonals will also be installed.....Tandy

