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Subject: 58 Lancer 850 - Bottom Left Leading Edge Planking (Part 4)

Report No. 58  
New Cyclone Lancer 850  
February 11, 2018

I slept in later than usual this morning as I was not feeling my best and a little stuffy in the nose. So we didn't go to church this morning. Mid-morning Sue fixed us breakfast (*actually brunch*) afterwards which I managed to get dressed. Since the challenge of the Lancer's wing planking been my total focus, I decided to continue and plank the bottom of the wing's left panel first this time.

The forward edge of the bottom planking was again glued to the wing's leading edge from the outside using thin CA. Strips of green masking tape was cut and stuck to the bottom planking. A bead of aliphatic glue was spread on the bottom edges of the 12 rib and along the bottom of spruce spar. A small brush was used to spread out the beads of glue and the planking was pushed down curving it over the ribs. At the same time, the green masking tape was pulled tightly around and stuck down on the vertical shear webs. Just as before, this was done starting from the center of the wing panel and working out in either direction. From underneath the planking which was open access, glue was applied down the leading edge joint inside and on either side of the ribs and spread out with the small brush.

Just as before, an aluminum straight edge was placed on the bottom planking where it made contact down the bottom spruce spar. Five heavy metal items were placed on and along the straight edge for a weight press as shown below. Notice that the left wing panel was again place on two throw pillows to support it with the right wing panel hanging off the end of the work table.



I forgot to mention in my last report that root end of the bottom planking was further secured with an array of straight pins as shown below. This is important to match up with the later center section's bottom planking.



Hopefully tomorrow I can finish planking the top left wing panel's leading edge, which will complete this arduous task! Finishing the center section's planking will be cake walk after what I have done so far.....Tandy