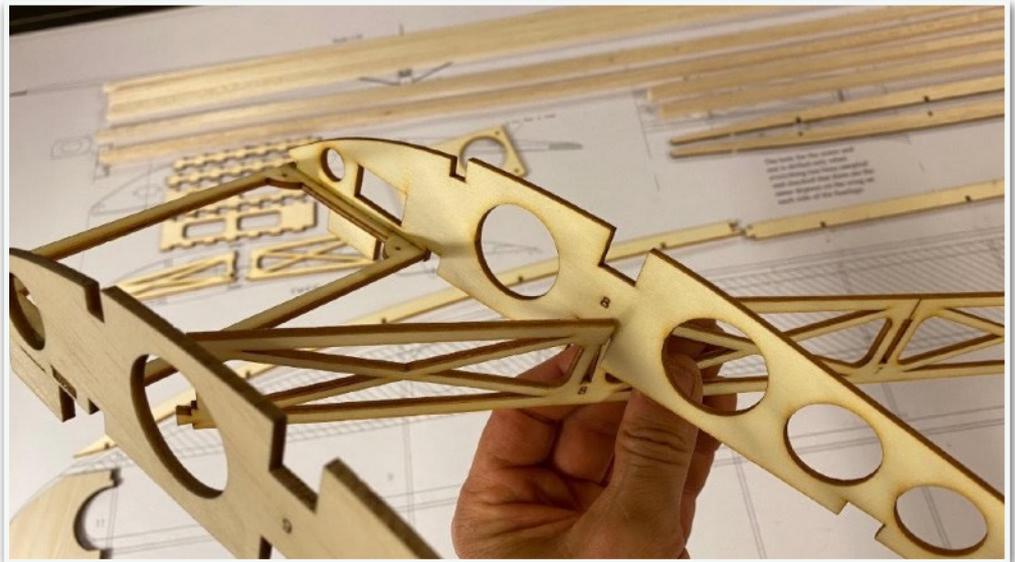


Ron Gray - Leprechaun XL

Build blog 6

Onto the wing.

Interesting form of construction with mostly interlocking parts, which makes fitting the one piece ribs onto the one piece spar interesting, lots of twisting of the ply spar which has slots in the top where the ribs go.



Woke up in the early hours of the next day in a bit of a panic. I had thoughts that the assembly work I did last thing the previous night was wrong. I wanted to make a start on the other wing, glueing bits together so that they were all ready for when I make a proper start on 'tother wing. But I couldn't shake this feeling that I had built the parts the same as the first one, in other words not handed. Sleep came in fits and starts but I resisted getting up to have a look until 7.30.

Fortunately I hadn't made a mistake and I could have rested easy!

This was the little bit that caused all the fuss (only 3 parts but the wing build starts with this).



The wing joining boxes made from laser cut ply, nice fitting but I nearly clamped one too tight which would have prevented the ply joining tongue from fitting. 6 boxes in total.



There was a lot of time spent waiting for glue to dry before I could move on to the next bit of the wing as I didn't want to build in a warp. The wing is free standing and rests on the rib tabs whilst the build takes place.

Main spar top strengthener added together with false TE at aileron.



Front and rear spars added plus aileron riblets and box for wing brace.



When dry the wing was turned over and the lower wing spars fitted together with LE strips (5mm x 5mm for sheet support) and when they were dry I was able to plane back for the LE sheeting.



Good job it's not a washing line day!



Ordered some more of the small clamps as wifey none too pleased about the raid on her peg bucket (made the mistake of leaving the doors open so she saw what was going on).

Clamps wouldn't easily work on the front edge so back to the old tape favourite for holding the sheet down.



At the end of the second week both end wing sections have now been built ready for sanding, so I'm a bit behind my target and there will now be a delay as I've got to work all of the next week!