

Next step will be the production of the lower front main spar and pin it on the plan. Then the ribs will be foreseen with slots so they will fall over the main spar.

As the wing has a huge sweep back, the slots need to be cut out with an angle accordingly in order to obtain an optimal bond and connection.

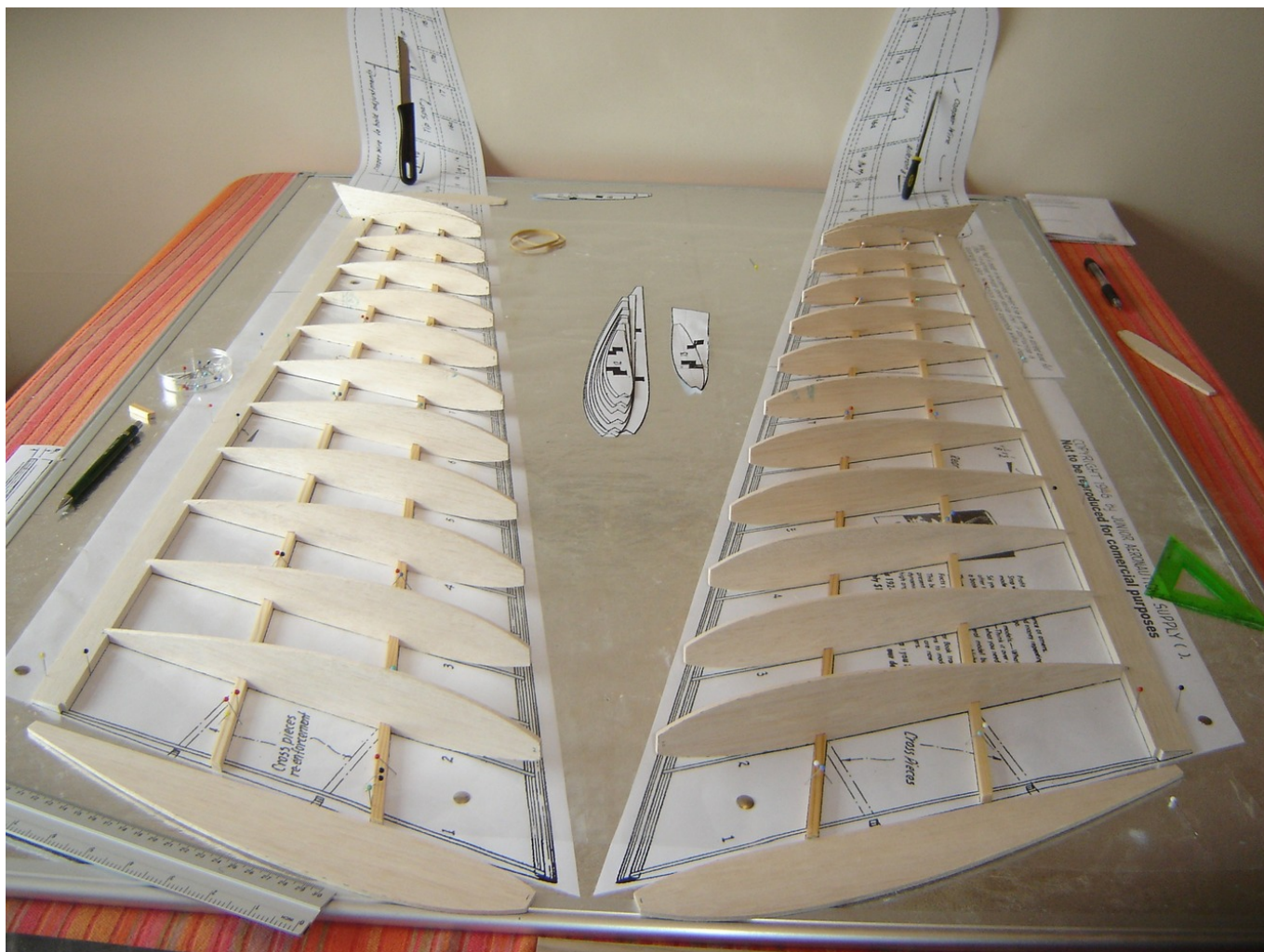
I have the lower front main spars ready. Initially, I wanted to make them tapered from 12 mm to 6 mm towards the wing tips, but used just 6x6 mm. I am not sure whether I will stick to the initial idea, but still can change as nothing is glued yet, but it might be strong enough with just 6x6 mm spars when I use 4 of them for the main wing.

I have first pinned the main spar to the plan, then softly pushed each of the ribs on the top of it, so I got a sort of print into the balsa wood of the rib which also had the right angle for the slot to be cut out. Each and every rib, I have placed on the main spar and into the slot of the trailing edge on the plan.

In the same way, the rear lower main spar will be made.



As said, also the lower rear main spar is made the same way. Still everything without any glue, but slowly, I notice that the structure is already getting stronger, even without glue. At the wing tip side, you can see the rib SP that I have cut-out and that will joint the wing tip to the main wing. It will serve as template to ensure that the wing tip will get a -8 degrees difference in angle compared to the main wing.





The trick is going to be in the construction between the main spars of the wing tips and the main wing. On the top of the lower front main spar