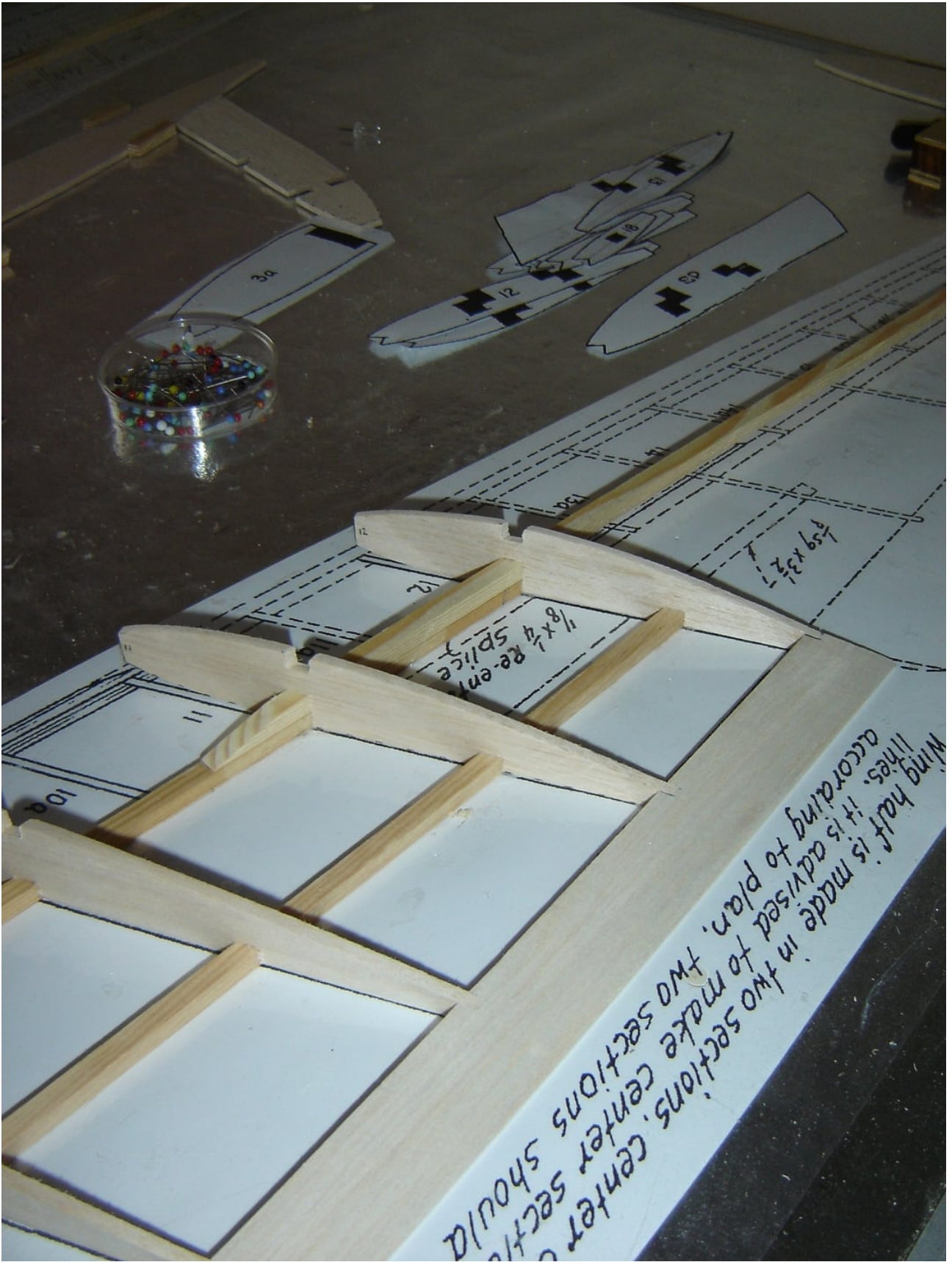


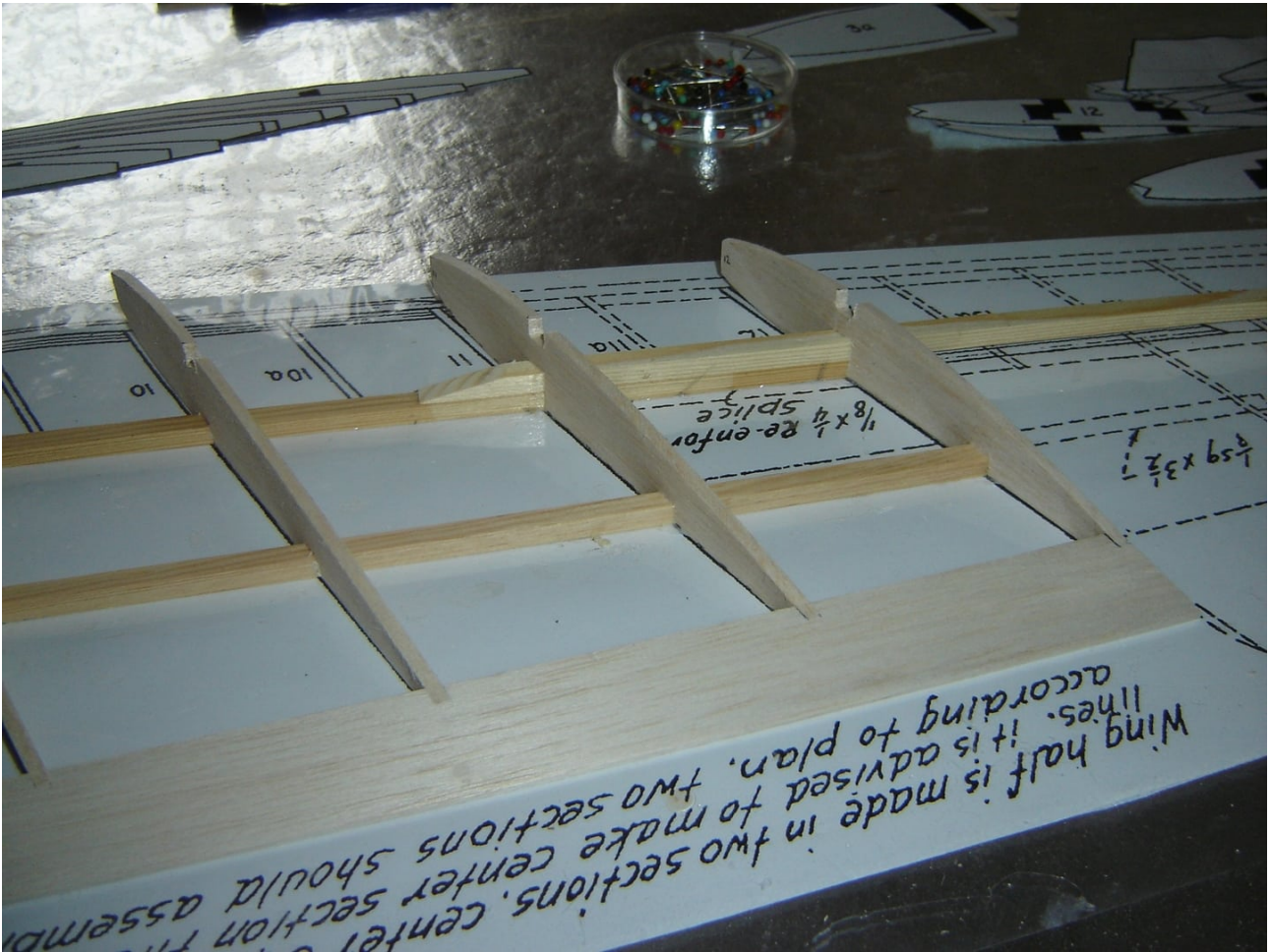
## SailWing 100 notes from rc forum

I have got now the ribs glued onto the lower 2 main spars as well as glued onto the trailing edge. I have adjusted the lengths of the main spars due to difference in length between [rib 1](#) and 2 for each wing half. [Rib 1](#) is not glued yet, that will come later in order to get the wing dihedral. So, ribs 1 and 2 will be placed a bit closer to each other resulting in a bit shorter wings (just 1/2cm or 1/5th of a inch), but that's not a problem.

Slowly I will get closer to the construction of the wing tips, a quite difficult job as the ribs are symmetrical and thus can't just put down on the building board. I will build them up on de wing tip lower mains spars instead. Therefore I will first join and align the main spars of the wing tips onto the main wing to the correct -8 degrees and then place the wing tip ribs over the wing tip main spars.







It is twice size (100"). Stability was fine, I flew it many years. Yes, the wings are in two half's. I launched it with a Hi-start. It was destroyed in an attempted aero tow.

Hello California Condor, thanks for your answers, Sorry to hear that it crashed, so time to build another then?

Was it difficult to attach the wing tip to the main wing? I think it's possible to just glue the 2 front main spars of each of the the wing tips onto the top of the 2 front main spars of the main wing to get the right difference in angle. The lower rear main spar of the wing tip will be an extension of the upper rear main spar of the main wing, but will need need to shape (angle) the top and bottom of this spar for the main wing and wing tip repectively. So there will be just one (a lower) rear main spar for the wing tips.

Did you do the same on your model and was it -8 degrees same like the plan?

Did you need to trim the model with your elevons?

As I have it now, I may endup with an angle a little less than -8 degrees, so if you could tell me what the difference in angle on yours was, it may help me to decide how to proceed with the wing tips.

If yours is RC, no problem. If FF, if it is close I think a CG adjustment will take care of slightly less than -8\*.

I have now added the slots for the upper rear spar on the ribs. The slots are

vertically, so I need to trim the top side of the spars to the shape of the ribs going down towards the trailing edge accordingly.  
I have bought a mini block plate recently and it works great for harder wood.

