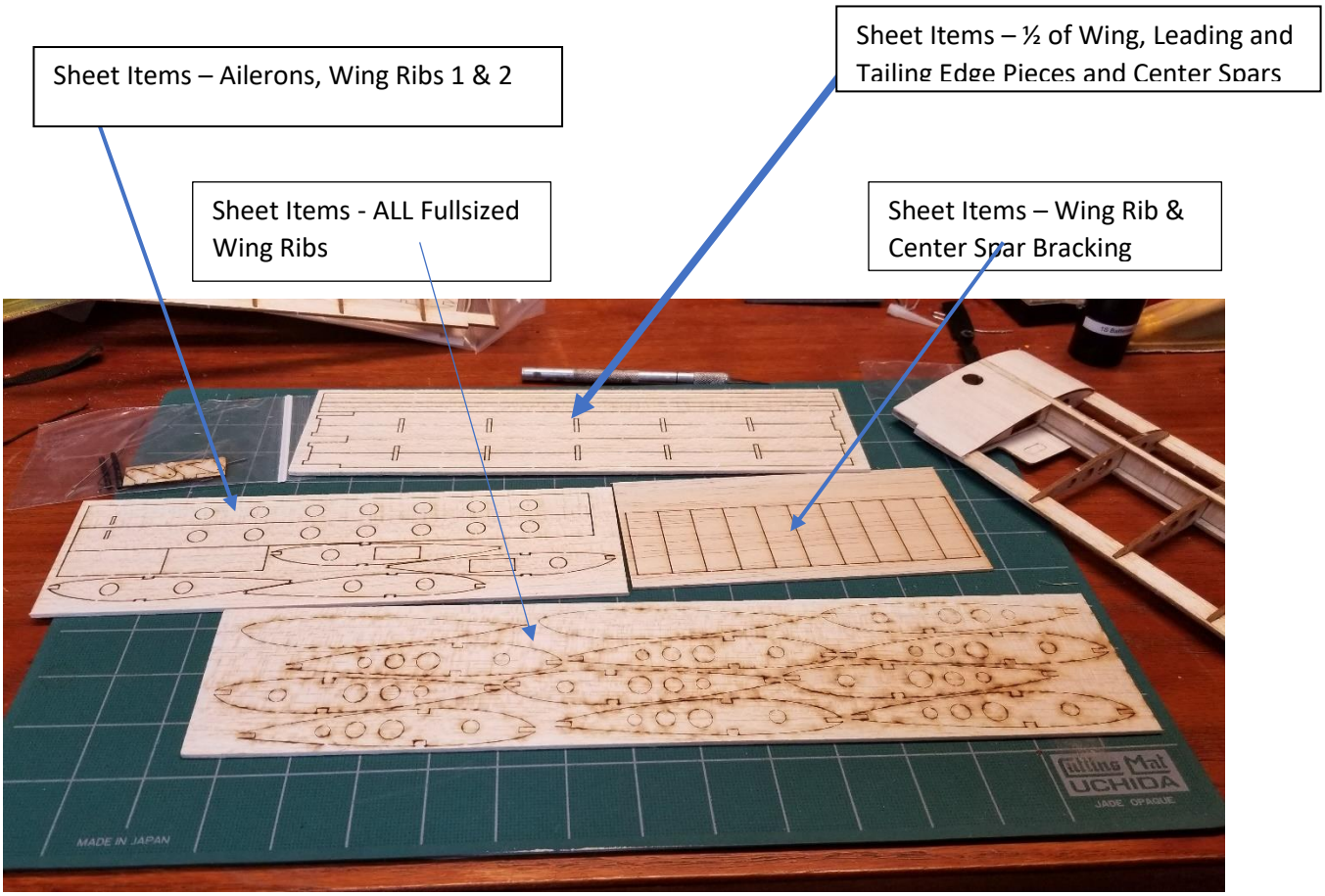
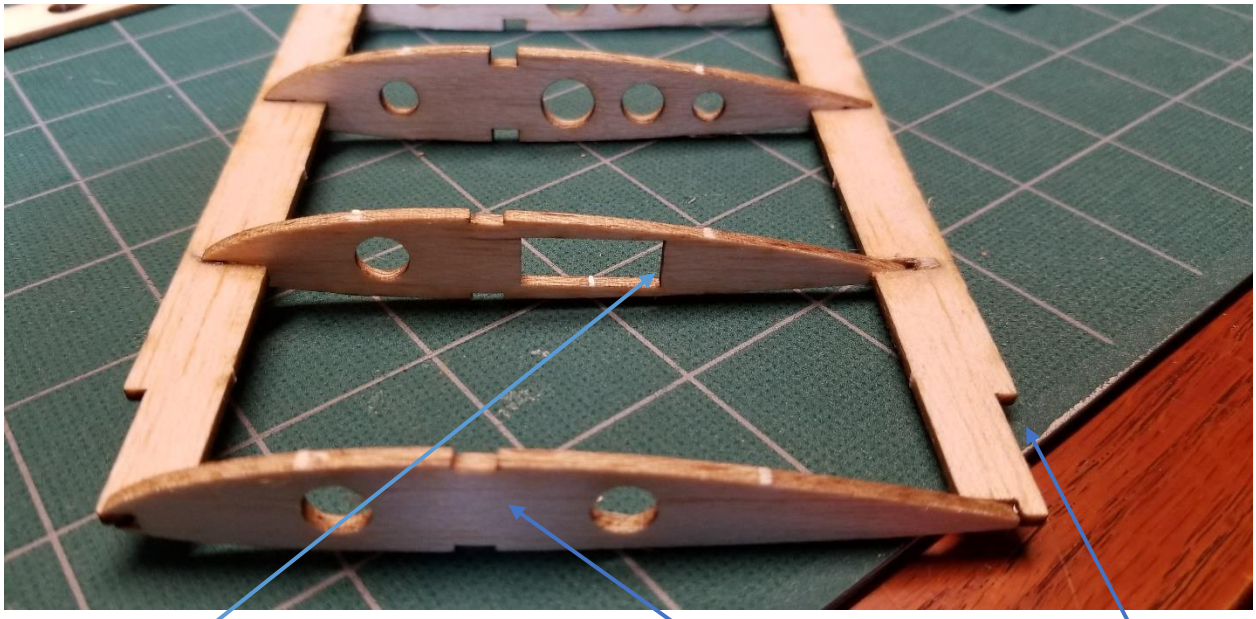
Williy-Nillies Quickie 100 Wing Build



How to build the Quickie, 100 Wingy - both the leading and trailing edges are the same, NOTE, the LE & TEs have long notices that should face away from the wing ribs and be at the CENTER of the wing when glued. Rib layout is as follows 1st "JOINING rib is a tad smaller than the rest of the ribs and ONLY has TWO Lightening holes in it. The SECOND Rib should have one Lightening hole and a RECTANGULAR hole, the rectangular hole will be to mount your servo. TEST FIT ALL ribs with the LE & TE before Gluing. When gluing the ribs onto the LE & TEs, place ALL the ribs in BOTH the LE & TE slots, place BUT DON'T GLUE the bottom and top wing spars to help align the ribs to keep them aligned perpendicular to the LE & TE. Drop THIN CA where the Ribs join to the LE & TE.

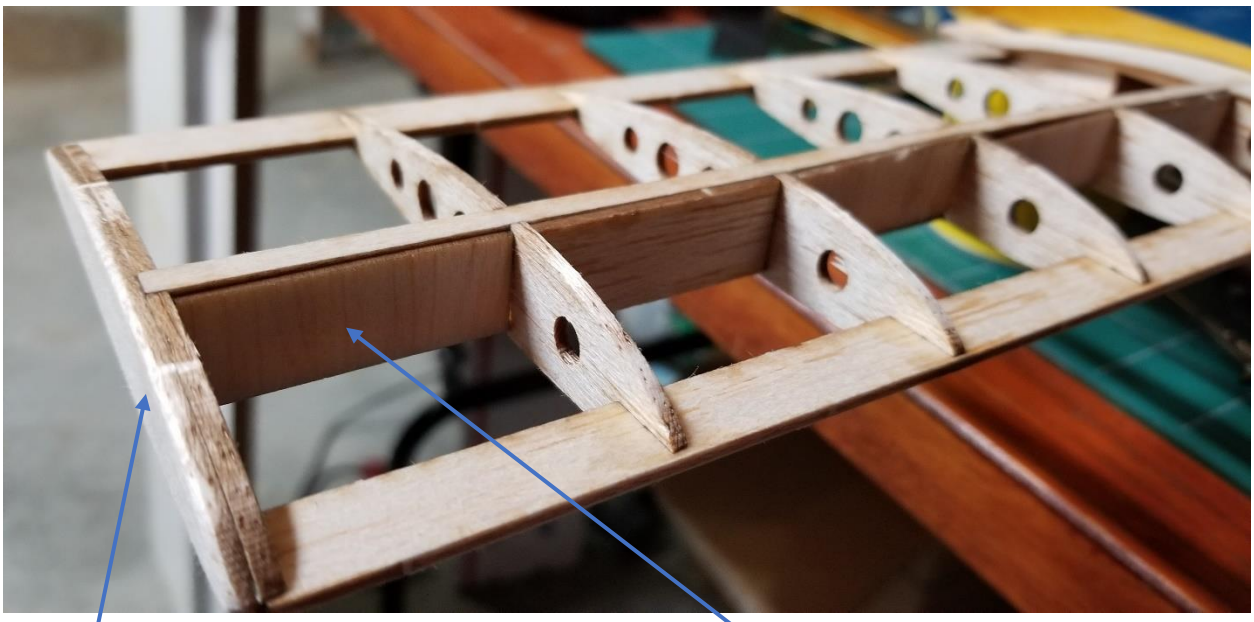


The SECOND Wing Rib from the CENTER should have the rectangle cutout for the Aileron Servo.

First Wing Rib has TWO lightening holes only, should be smaller in size that the ribs with FOUR Lightening holes

LE &TE Notches – This is where the wing halves will be joined later.

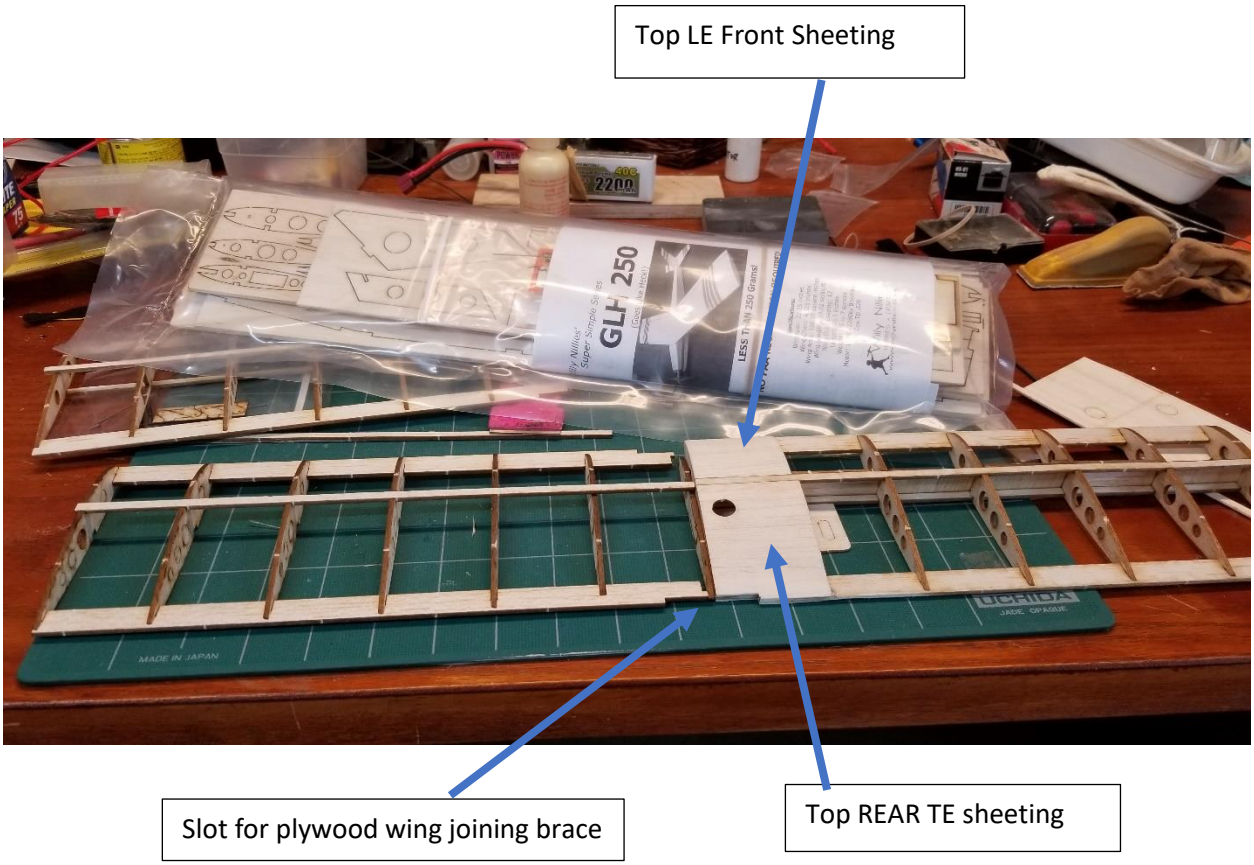
Wing Spars and internal braces.  Glue the Top and bottom wing spars onto the top and bottom of each wing rib.  Now glue the internal wing bracing on the FRONT SIDE of the Wing Spars and in between the wing ribs. Lastly, glue the outside SOLID wing rib to the outside wing rib.



There will be an additional SOLID Wing Rib glued to the LAST standard Wing Rib on the OUTER Rib of both Wings

There should be SIX inner Wing Rib Supports that will be glued in between each wing rib and to the FRONT of the Top and Bottom Wing Spar. Do this to BOTH wing HALVES.

Wing Sheeting Installaton. There will be center wing sheeting on both the top and bottom of the wing halves. The wing sheeting for both the bottom and top of the LE will be from two pieces of sheeting of the same size and on the same sheet as the remaining sheeting.  The LE sheeting will be glued over Wing Ribs 1 & 2 and should but up againts the center spar of the wing. The TOP TE RECTANGLE shaped sheeting will have an access hole cut into it, it should be glued with the hole closest to  and over the first wing rib.  The BOTTOM TE sheeting will have a bump out for the servo arm to go through.  The bump out for the servo arm should face the center spar and be glued flush to the Center wing spar.



View shows BOTTOM of completed wing, Leading Edge Side Down.