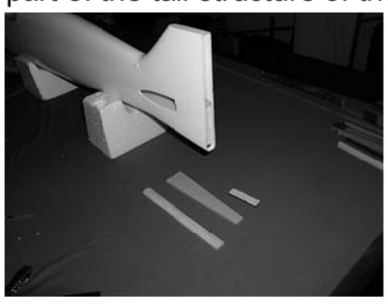
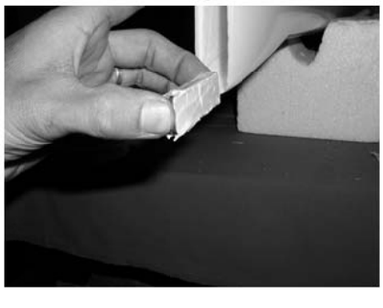
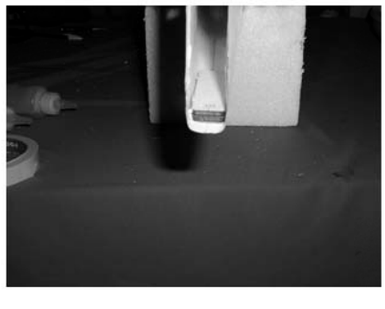
Then you will glue the F2 and F3 plywood with epoxi to make the landing gear support and tank support and once they are dry put them in the right place with epoxi.

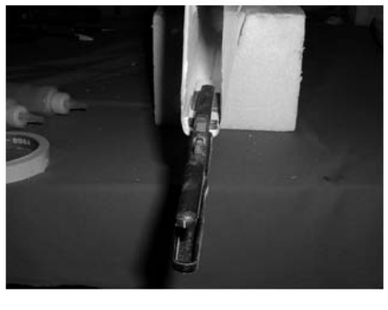
Then place the 6 mm balsa trapezodial block at the back of the fuse which will also be part of the tail structure of the model



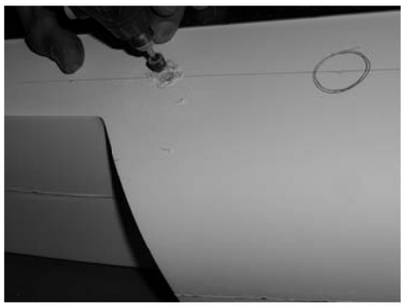
Place at the end of the downside of the fuse the 2 pieces F9 3 mm plywood for the tail wheel assembly.



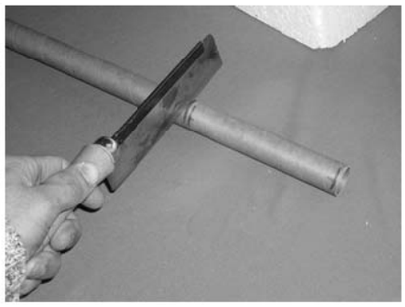
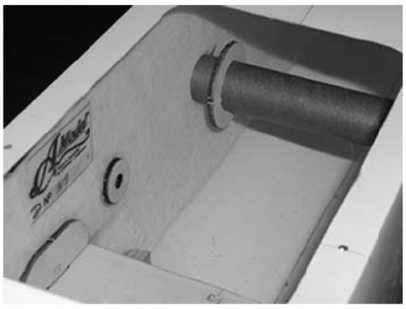


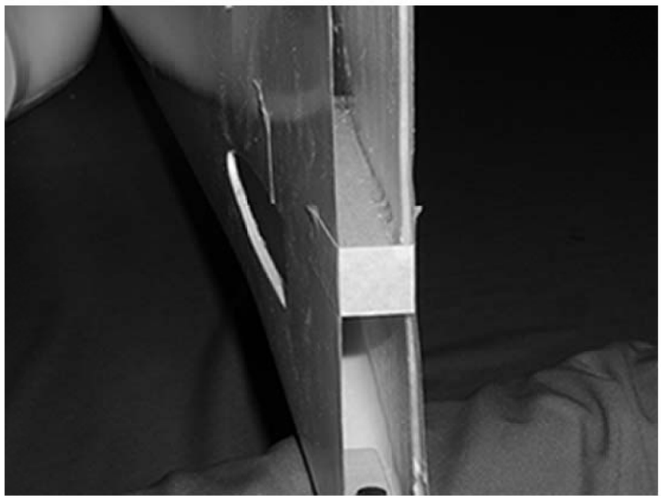


Next step will be to place the front antitorque plywood dowel to 93 mm from the wing tube and the rear antitorque plywood dowel to 120 mm as shown in the picture.



IMPORTANT: The plywood socket wing tube reinforcement should be glued once the model is aligned.

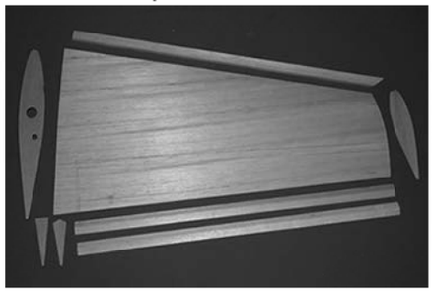




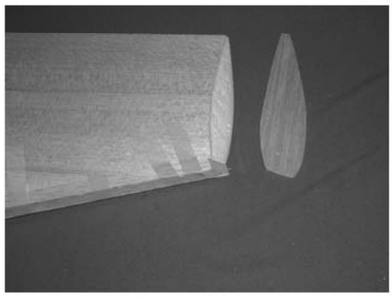
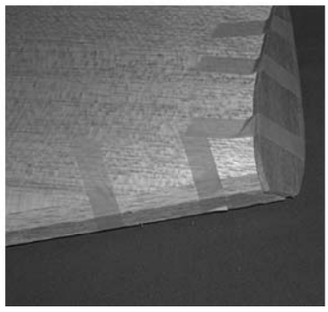
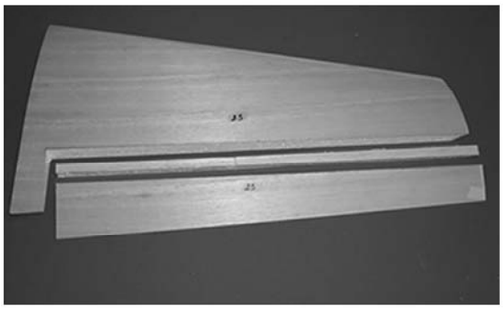
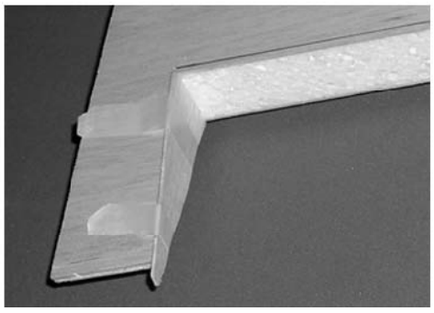


We leave for the last moment the gluing of the rudder stick that covers the fuse by the back side, once the horizontal stab is placed.

Wing building

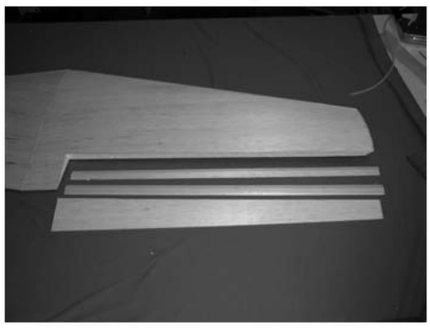
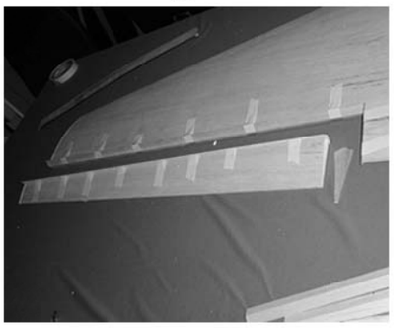
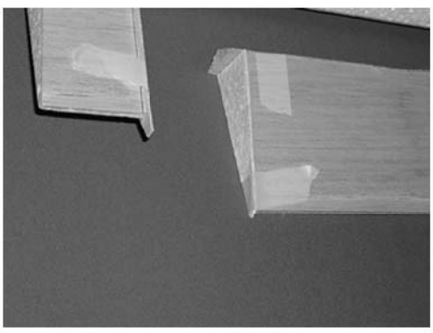
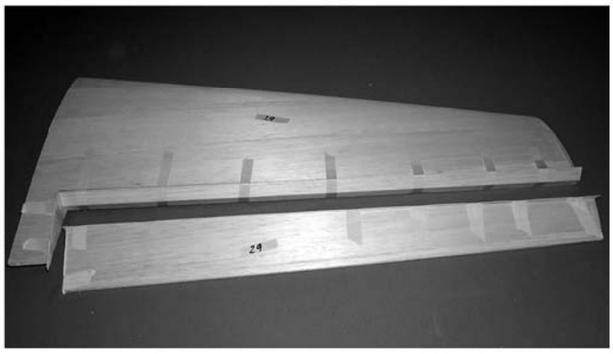
The first step will be to sand the outside borders until the leading edge, middle and tips match the profile.



Glue the leading edge 10x20mm stick and the wing tip provided in the kit, this will be done with high quality vinilic glue. Once dry sand the leading edge to match the profile.

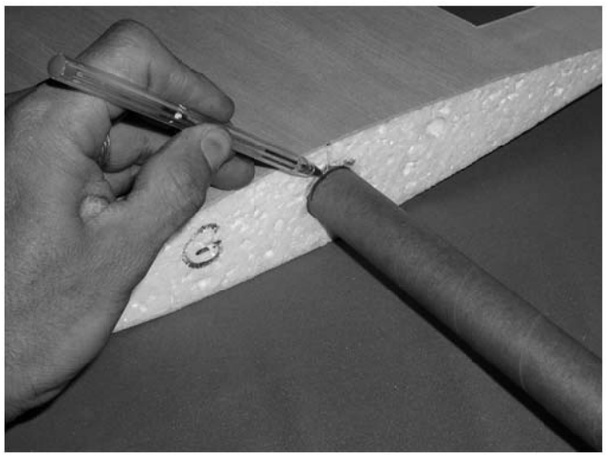
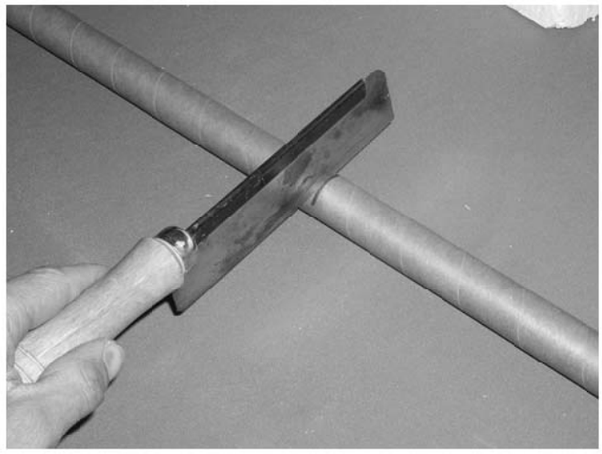
Next step will be to cut the aileron: In the Zafiro the first step will be to cut what comes already marked with a line over the upside of the wing, this is the hinghe line. Then you will need to mark 8 mm to each side of this hinghe line, which already comes “V” preformed. This sticks will be glued with alifatic or vinilic glue.

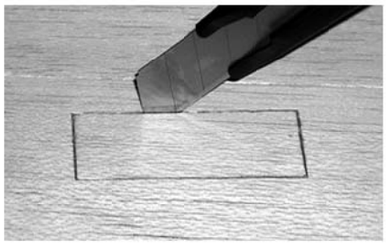
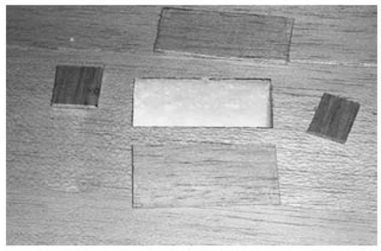
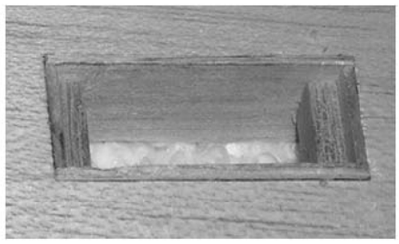
Once the "V" preformed sticks are dry sand the ailerons and glue a 2mm balsa from the inside part of the aileron and center the wing.

Each aileron needs between 6 and 8 DU/BRO or CA hinghes.

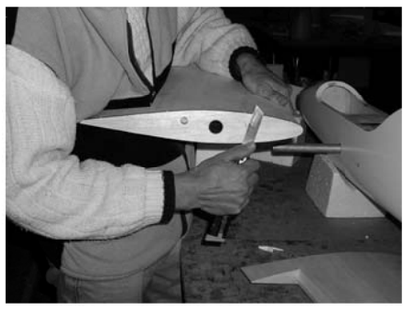
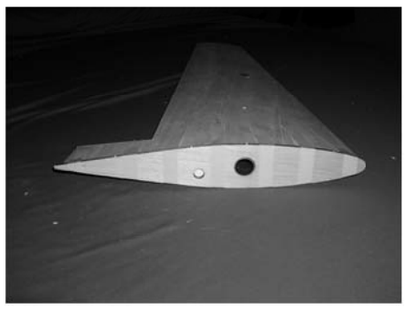
Then you will need to glue the wing tube socket in each wing panel with epoxi, if neccesary fill with microballom. The tube must enter until overpass 10 to 15 mm the reinforcement semirib.

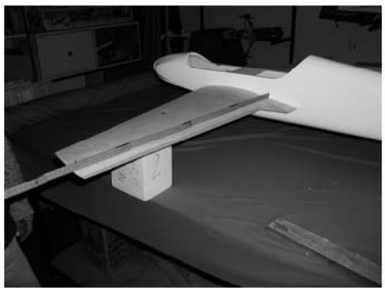
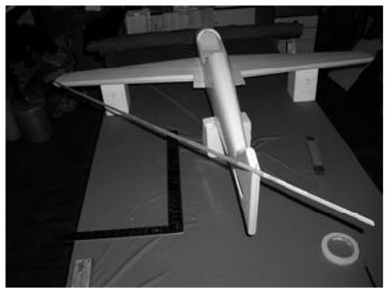
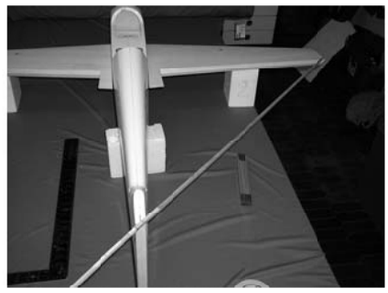
With a sharp knife, cut the balsa sheeting where the aileron servos will be placed. Remove the foam till a rectangular cavity is obtained. Using 2mm balsa and white glue, line the interior sides and make a hole where the servo cable will exit. Once the glue is dry, you can set in the servo rails, made out of 8x8mm hard wood. Use medium CA.

Place the wing over the fuse, it will be neccesary to sand and adjust the wing center until fit correctly.

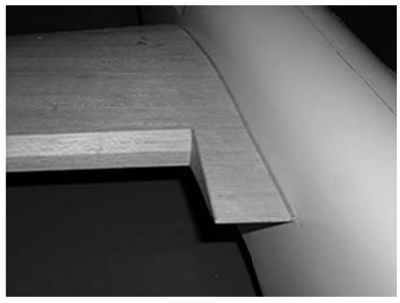




To obtain a perfect adjustment of the wing with the fuse it's neccesary to align it first. This will be done like this: Messure the distance between the tip of the wing and the side of the fuse (on each side) making sure that the distances are the same.

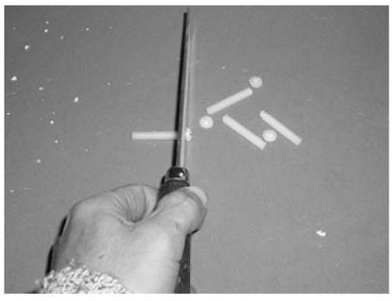




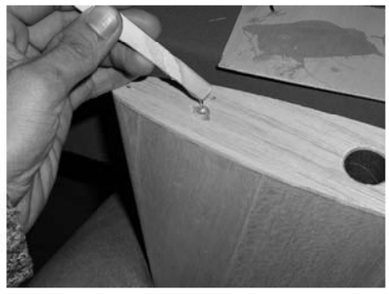
Then glue the center rib to the wing with 30 minutes epoxi.

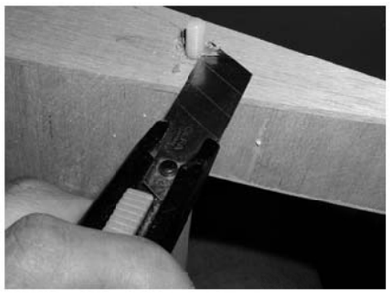




Once adjusted the next step will be to put the nylon bolts 1/4 x 20 that will work as antitorque.







Congratulations you already have finished the wing!