

Mücke



Building Wingtips

Tape plan on building board.
Put the plastic sealing over it.
Pin the trailing edge on the building board.



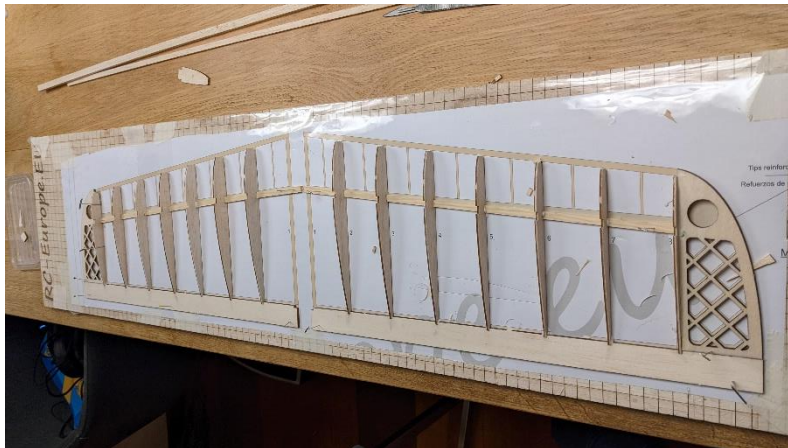
Glue rib 15 and 3 in place.
Cut bottom spare to length. And Glue the bottom spare under rib 15 and 3.



Glue rib 5, 7, 9, 11 and 13 in place



Glue Wingtip in place



Glue top spare (balsa) in place.



Glue nose rib in place.
Wait with Glue in rib 1. This rib will be glued in when midsection
and tip are glued together.



Glue the leading edge strip in place.
After the glue dried, get the tip(s) from the building board.
Sand careful the leading edge.

Building Center part Wing.

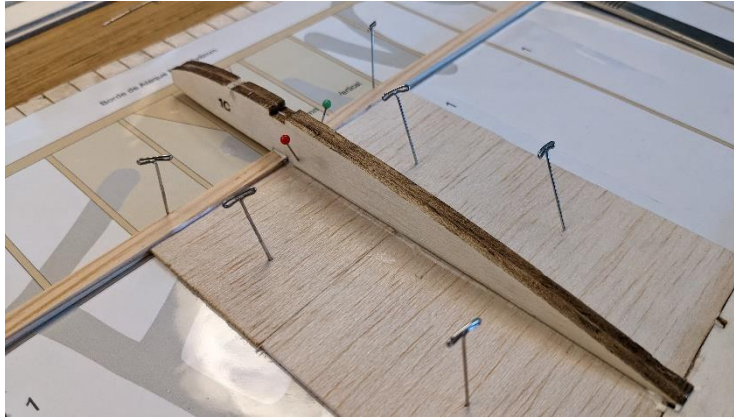
Tape plan on building board.
Put plastic sealing over it.

Pin the trailing edge on the building board.
Cut from 1,5 mm balsa underside of the wing back from the spar to trailing edge.
From spar to trailing edge we will do later.
Cut spar (spruce) in length and glue to 1,5 mm balsa



Glue the middle ribs 1c together and on the balsa underside

Glue the side ribs 1 (3mm) at the end of the wing.



Glue Ribs 1C on the 1,5 mm balsa



Glue ribs 1 on the spar and trailing edge.
Glue the top spar (balsa) in place



Glue in the front Ribs 1c
Glue leading edge to ribs
Glue in Webbing between rib 1c to the end of the wing.



Glue in the triangle to the middle ribs and trailing edge
Sand down triangles so top deck fits.
Glue balsa on top of middle wing between trailing edge and spar.

If glue is dry remove from building plate and glue balsa (1,5) at underside wing between
Spar and leading edge
Glue in triangle to middle ribs and leading edge
Glue in webbing between middle section



Cut from 1,5 balsa from Glue top deck balsa between
Sand careful the leading edge in shape.

Join tips and middle section together

Place the middle section on the building plate.
Make from scrap wood a support for the wingtip (4 to 5 inch)
Test fit wingtip to the middle section and cut and sand the topspar to fit.
Sand the trailing edge on an angle to fit the middle section.



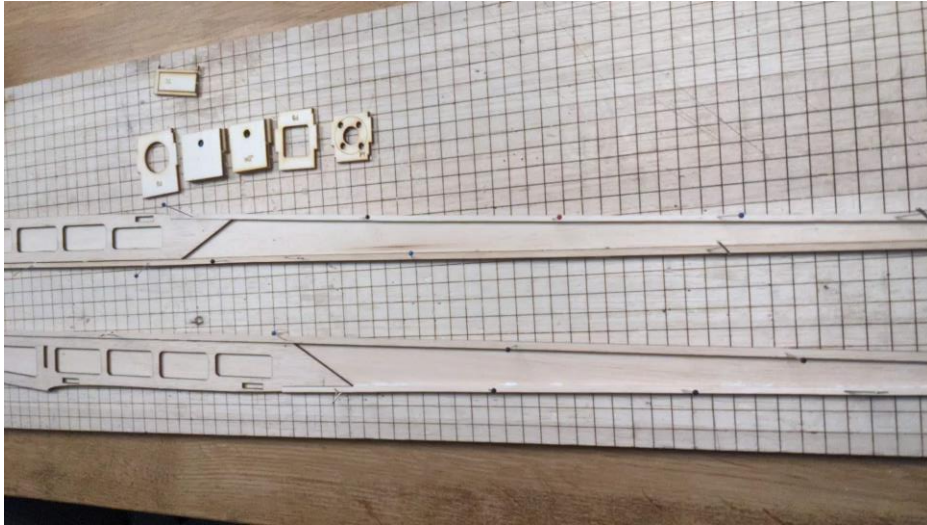
Glue the Rib1 (3mm) to the middle section and glue the tip to the middle section of the wing.
With the support at the tip.



Let the glue dry and repeat for the other side.

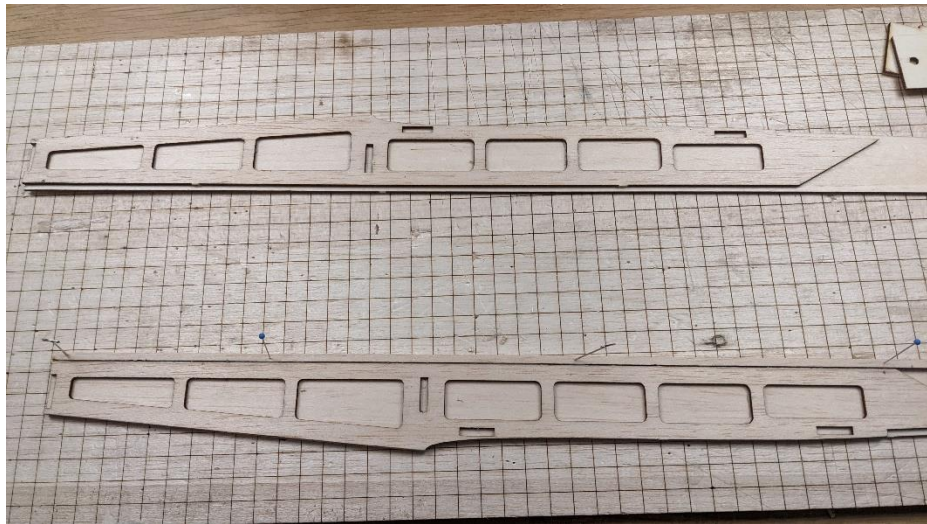
Building the Fuselage

Glue the fuselage doubler to the side off the fuselage.
Make two in mirror of each other.



Glue W1 and W1" together
Glue W2 and W2" together.

Glue 3x3 balsa to the site of the fuselage (bottom side)

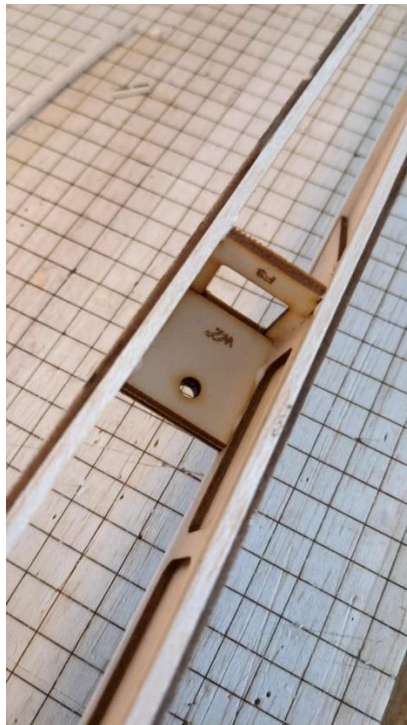


Glue 3x3 balsa to the site of the fuselage (top back side)

Glue in F2 and W1, W1" at the bottom side to both sides

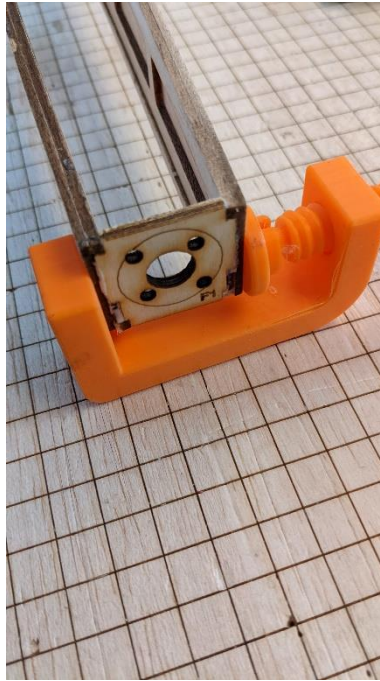


Glue in F3 and W2, W2" at bottom side to both sides

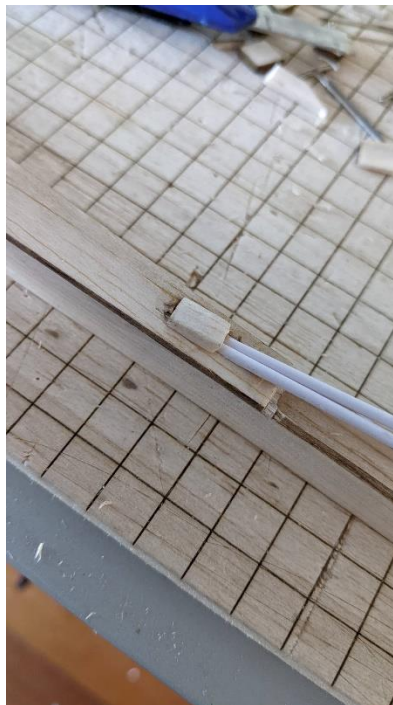


Glue tail part together with a drop of glue

Glue rib F1 in place.



Glue the top of the fuselage.
Make a hole for the bowden cable. (see picture) and Put in the bowden cable.
Glue the bowden cable inside the fuselage at some points.



Put on the wing and mark the holes for the wing mount.



Glue the bottom side to the fuselage.

Top off the nose Glue strips in place.

After drying only glue the front part to the fuselage.



After drying sand the nose and fuselage.

After sanding cut the lid (the not glued part) so battery compartment is accessible. (electro version. In the glider version it is the servo compartment.

For the glider version

Glue nose parts together When the glue is dry glue nose part to F1
Sand the nose in shape. Before cutting the servo compartment open.

Vtail.

Use the angle tool to make the tail 110°. Glue them together

