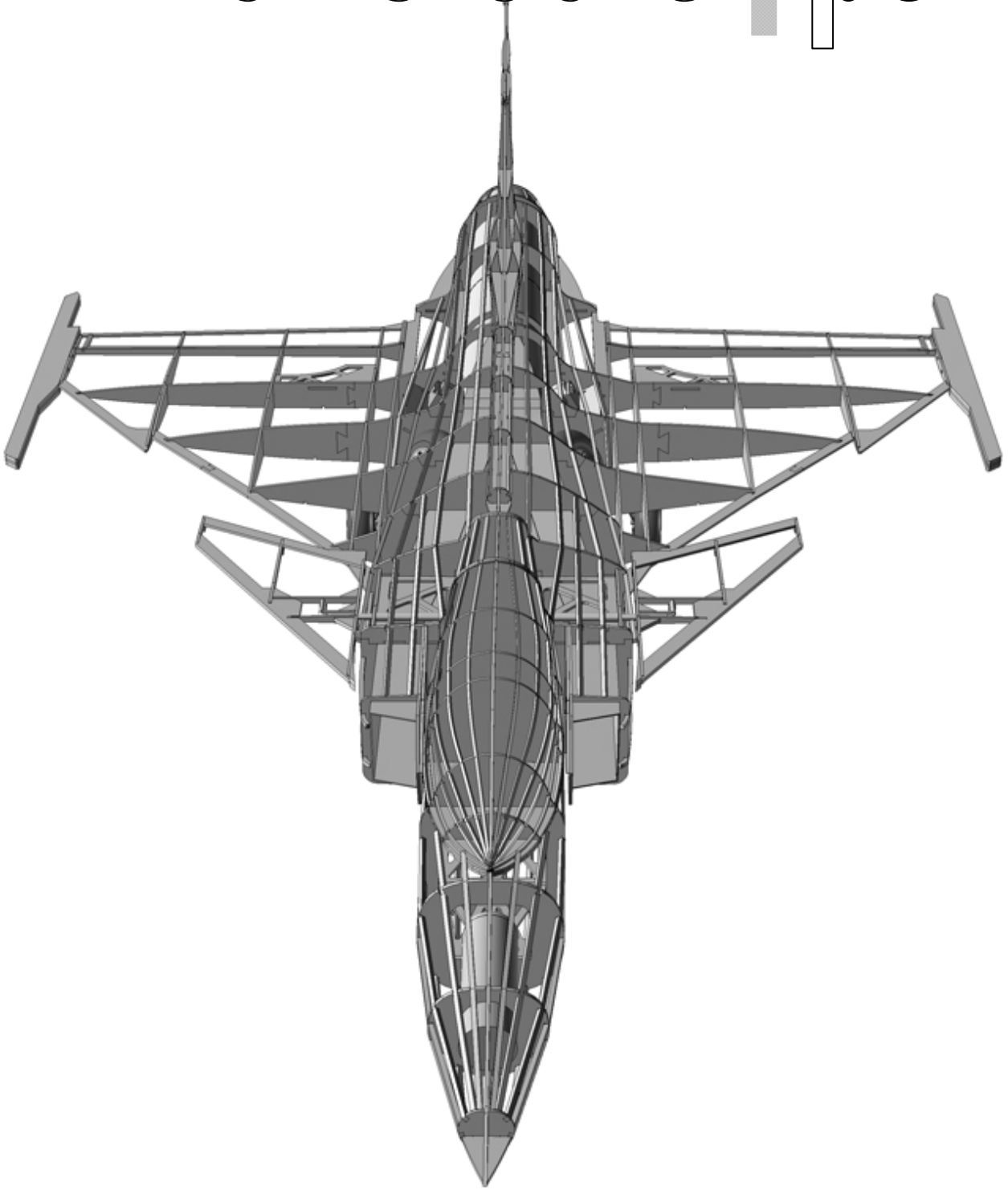


JAS 39 Gripen



1:10 Scale for 70mm Ducted fan

Instruction Manual

Data about the model:

- *Wingspan.....847 mm*
- *Length.....1413 mm*
- *Weight.....xxxx gram*
- *RC-Functions.....Elevons, Rudder, Canard, Motor, Landing Gear*

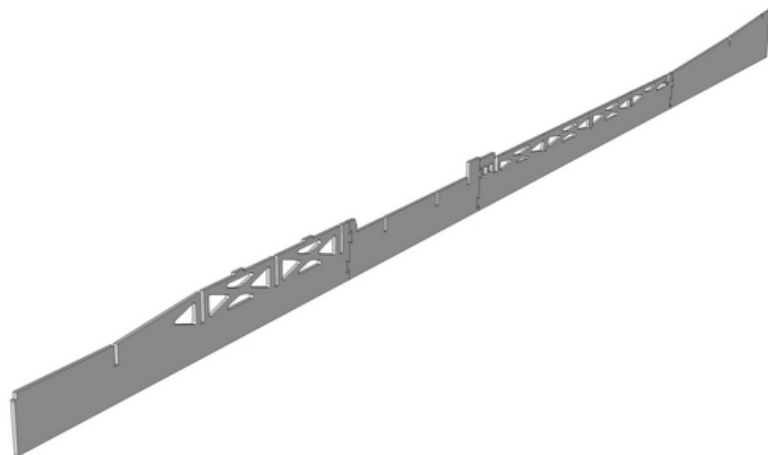
Optional equipment needed for full RC function

- ✓ *4-6 ch RC transmitter*
- ✓ *4-5 Digital mini Servo*
- ✓ *70 mm fan (Wemotech Mini or similar)*
- ✓ *4 cell 2500-4500 mAh LiPo Battery*
- ✓ *Retractable Landing gear*

STEP 1

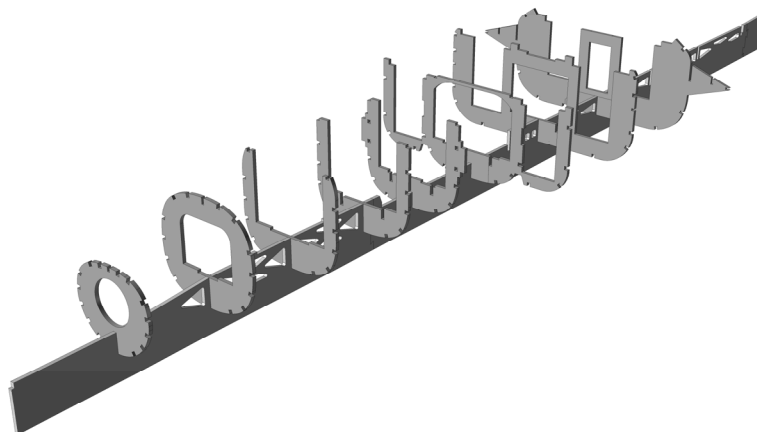
Glue together the four parts of the building jig, J1, J2, J3, J4

Mount the jig in between two straight wooden-sprues or similar. **(Not included)**



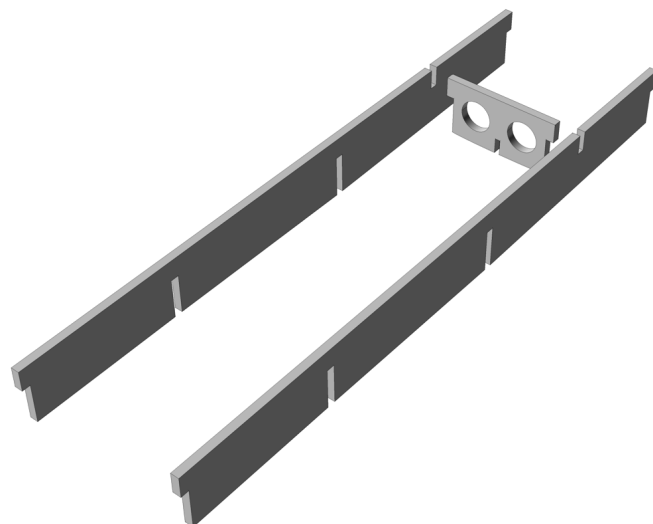
STEP 2

Mount F2 – F9 in the jig. Do **NOT** glue them to the jig at this step.



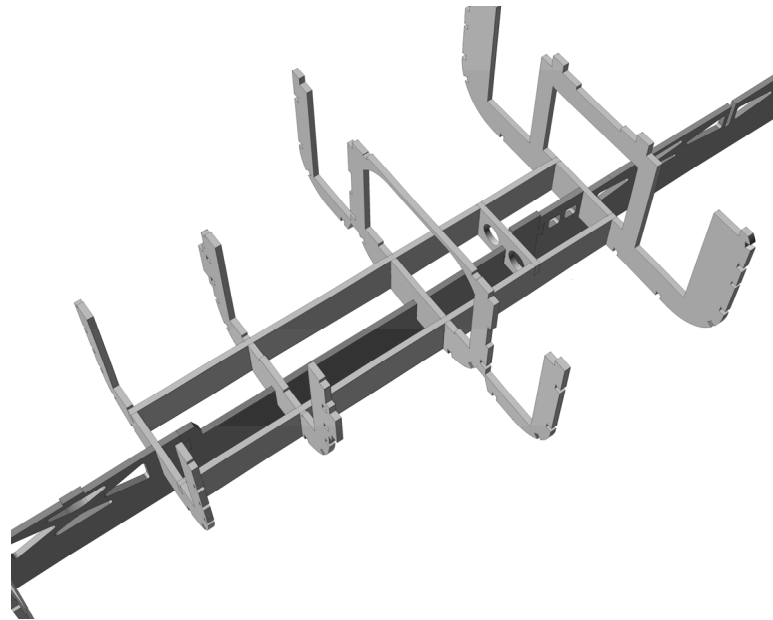
STEP 3

Glue the three parts F16 (2) & F17 for the front gear bay together



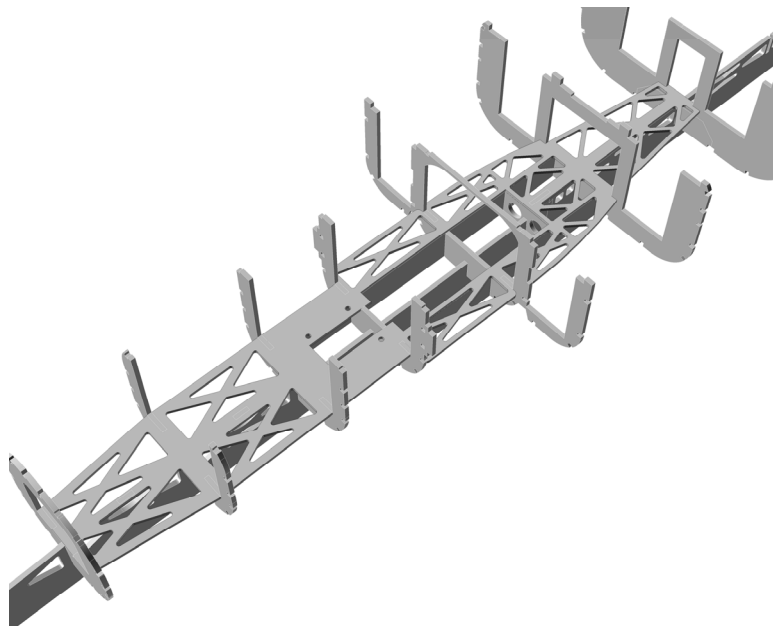
STEP 4

Glue the completed parts in between F5 and F8



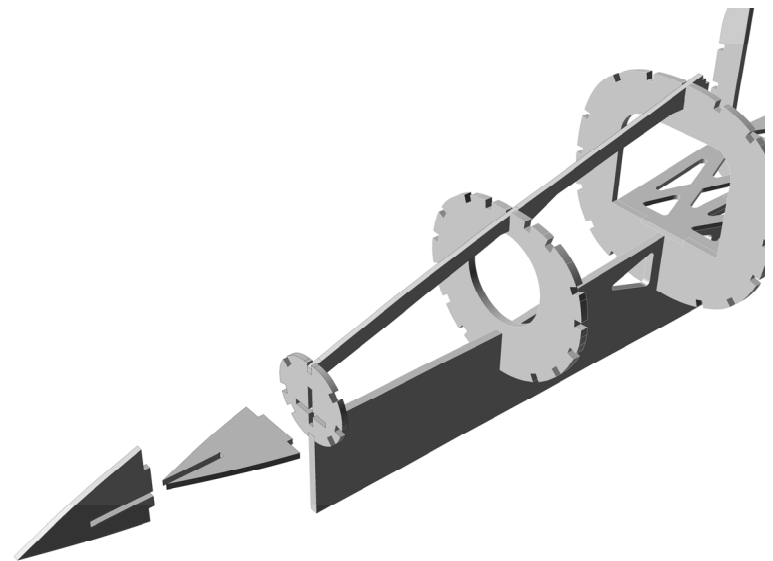
STEP 5

Glue the two plywood parts F31 & F32 together and mount it inside the fuse.



STEP 6

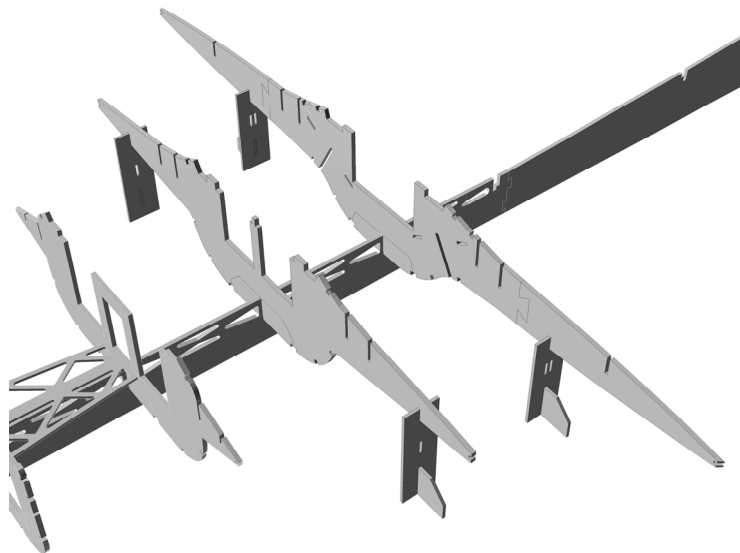
Glue the nose parts F18 & F19 together. Glue it to F1.
Glue F26 to F1, F2 & F3



STEP 7

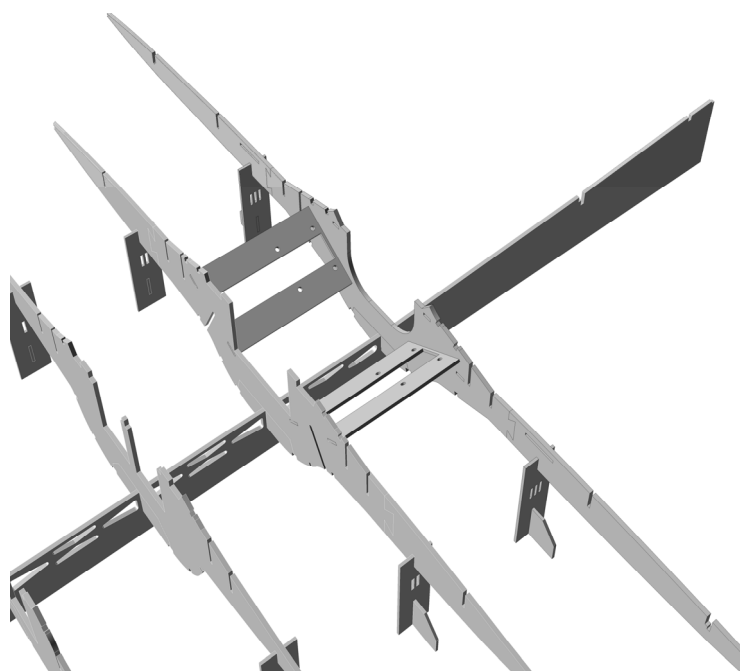
Glue together jig parts J5 & J6 each with one J8. Use the completed parts to secure a level fit of F10 & F11.

Remark. J5 is marked I, J6 is marked II. The parts J5, J6 & J7 fit in small slots on their respective fuselage part.

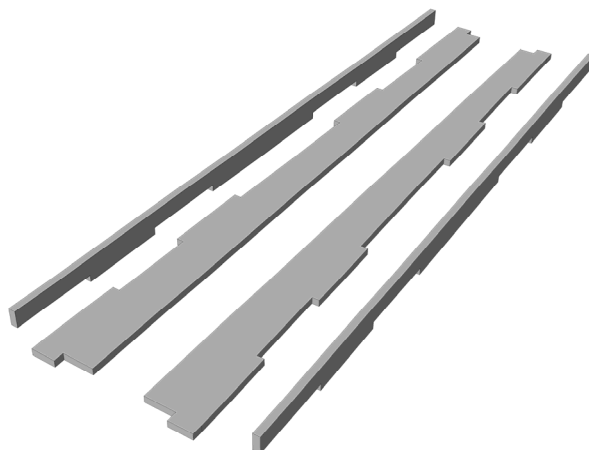


STEP 8

Glue together 2 J7 (marked III) with one each of J8. Use the completed part to secure a level fit of F12. Also glue F27 in between F11 & F12. F27 is for later mounting the rear landing gear.

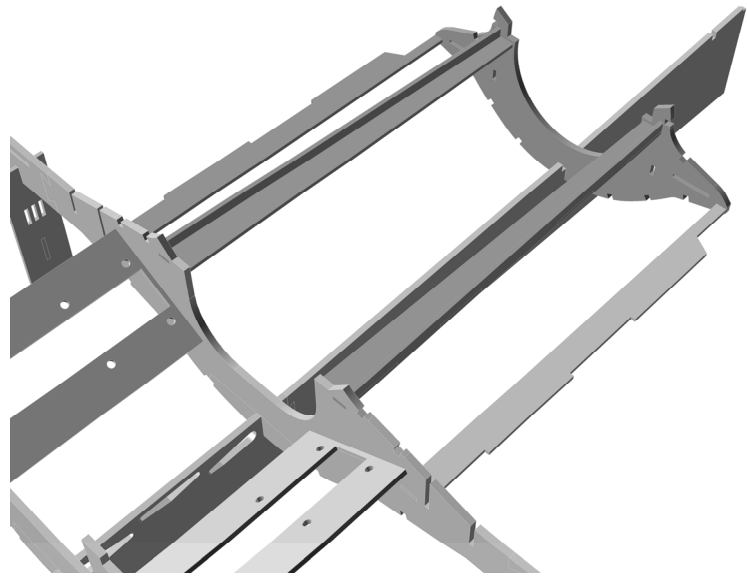


STEP 9 Glue together F28 and F29. Make two pieces. These parts will act as fan-mountings inside the fuselage.



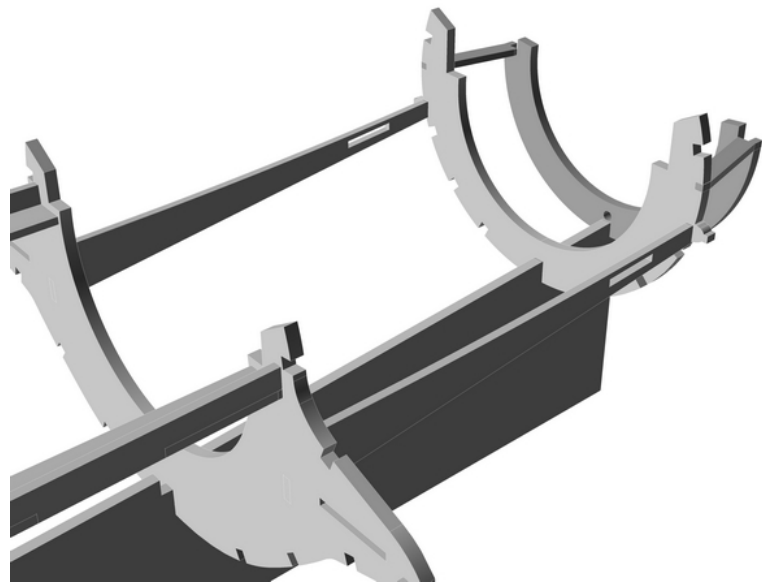
STEP 10

Glue together the fan-mount, F23 (x2) and F13 with F12.



STEP 11

Glue F22 (x2), F14, F21 (x2) and F15. Check for correct alignment.

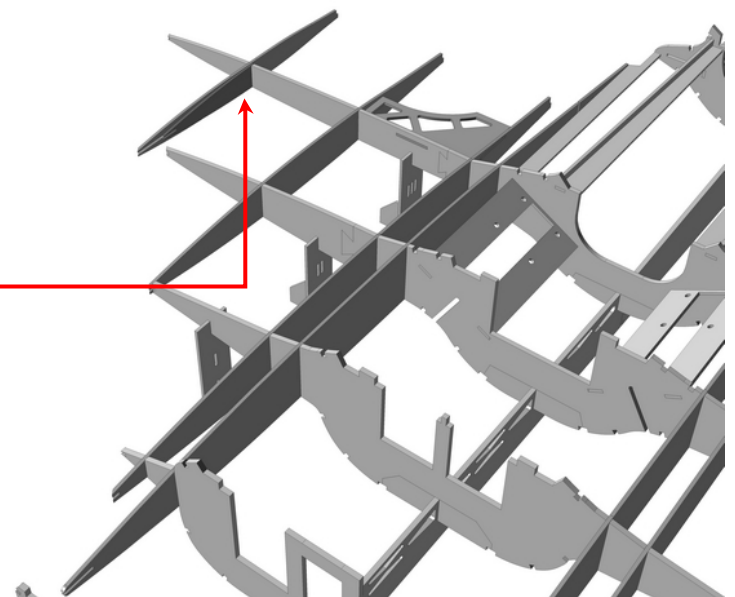


STEP 12

Glue together W1 & W2. Glue the completed part and also W3, W4, W5 and W6 in the fuse. Don't forget W14 between F3 and F4.

Remark: W5 sits just inside W6! 

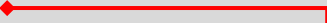
Do this on the left side as well.

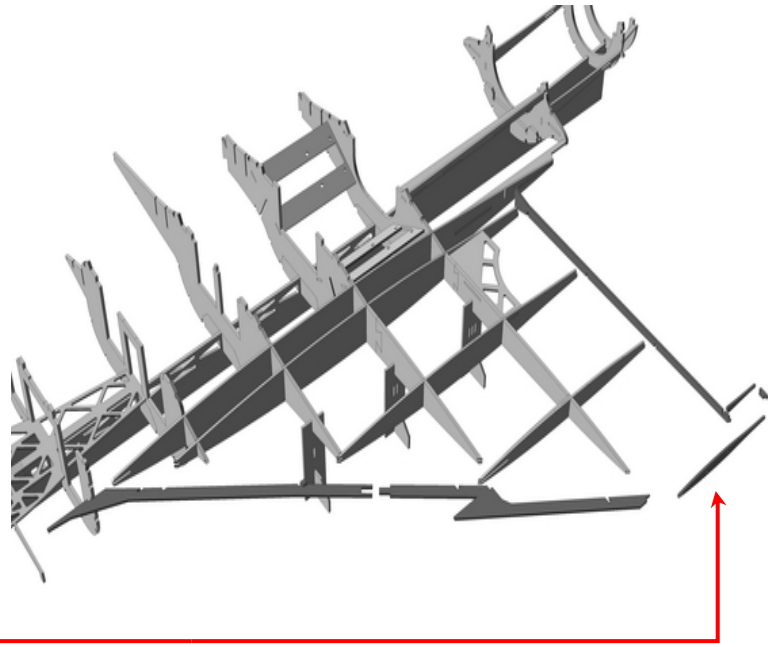


STEP 13

Glue together W9 and W10. Make sure it stays flat. Mount the completed part as a leading edge. Do this on both sides.

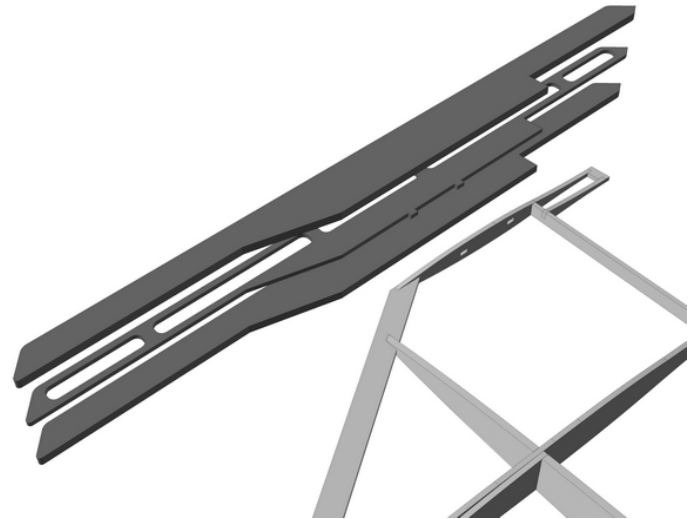
Glue the trailing edge W11, W7, W12 and W8.

Remark: Check the direction of W7. The centerline between the two rectangular holes should point forward/downward. 



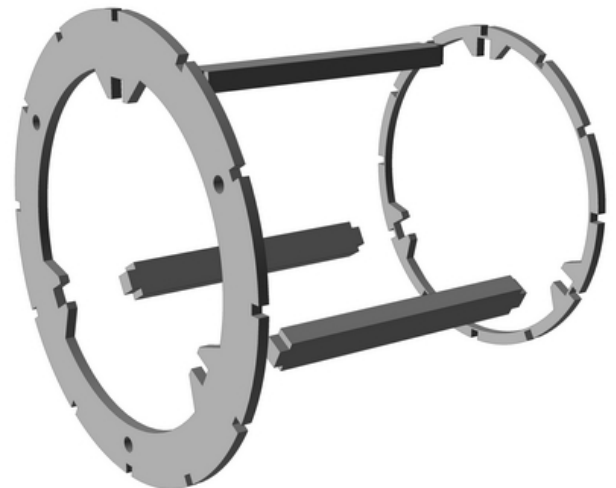
STEP 14

Glue together F15 with two of W13. Glue the completed part to W7. Do this on both sides.



STEP 15

Glue F36 F38 (x3) and F37. Make sure you get the alignment correct.



STEP 16

Put 2x2mm balsapins between F36 & F37 on all the gaps.

Finish the thrust tube by covering it with 1.5mm balsa.

