

split

F3F GLIDER

Designed by JB Deguelle

INSTRUCTION MANUAL



Unpacking

- Please unpack the plane carefully making sure that you have retrieved all of the small parts.
- Don't throw the box out until you are 100% sure it's empty!
- Check that all the parts are supplied.
- If any are missing please contact your vendor immediately.

Quantity	Description
1	Fuselage
2	wings
1	wings joiner
4	servos cover
2	tails joiner
1	ballast tube
12	M2 clevises
1	Fuselage servos tray
4	Wires
4	Aileron / Flap Pushrods
2	V-Tail Pushrods

Before building

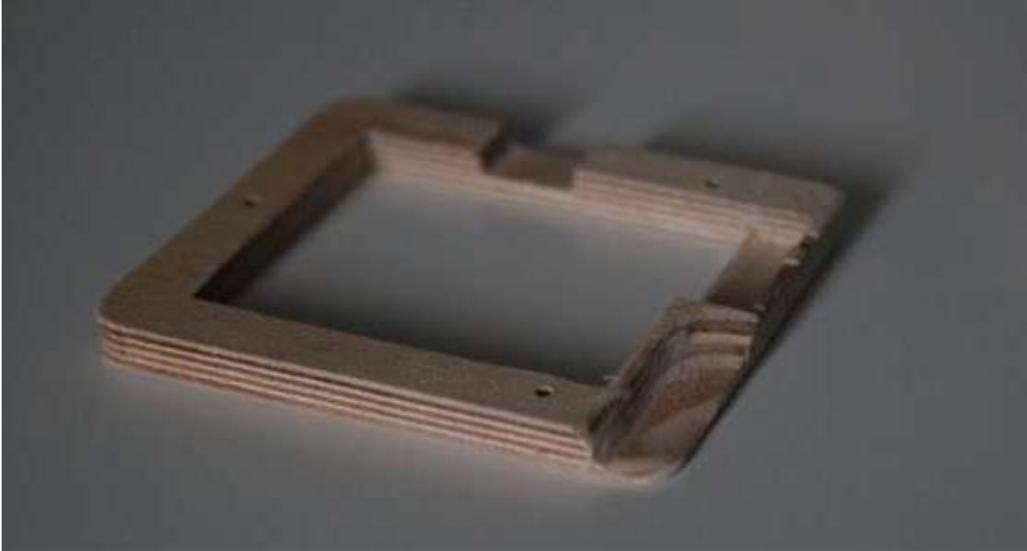
The workspace must be clean and clear. Check the assembly of the different components. It may be that the wing joiner is too tight, It will free after a few flights. If it is too tight sand delicately

You will need in addition :

- 4 servos for the wings (10 mm thick)
- 2 servos for tailplane units
- 30 mn Epoxy glue
- Glass bubbles
- Silicone for servo covers
- 1 receiver
- 1 Rx battery
- 1 Tiger nut + screw

WING

- Realize a groove to pass the rod on the servos supports provided in the kit.



- Glue the servos supports flap and aileron if you use slim wing servos.
- Glue the horns of aileron and flap. Pierce delicately spar control surface to increase gluing.

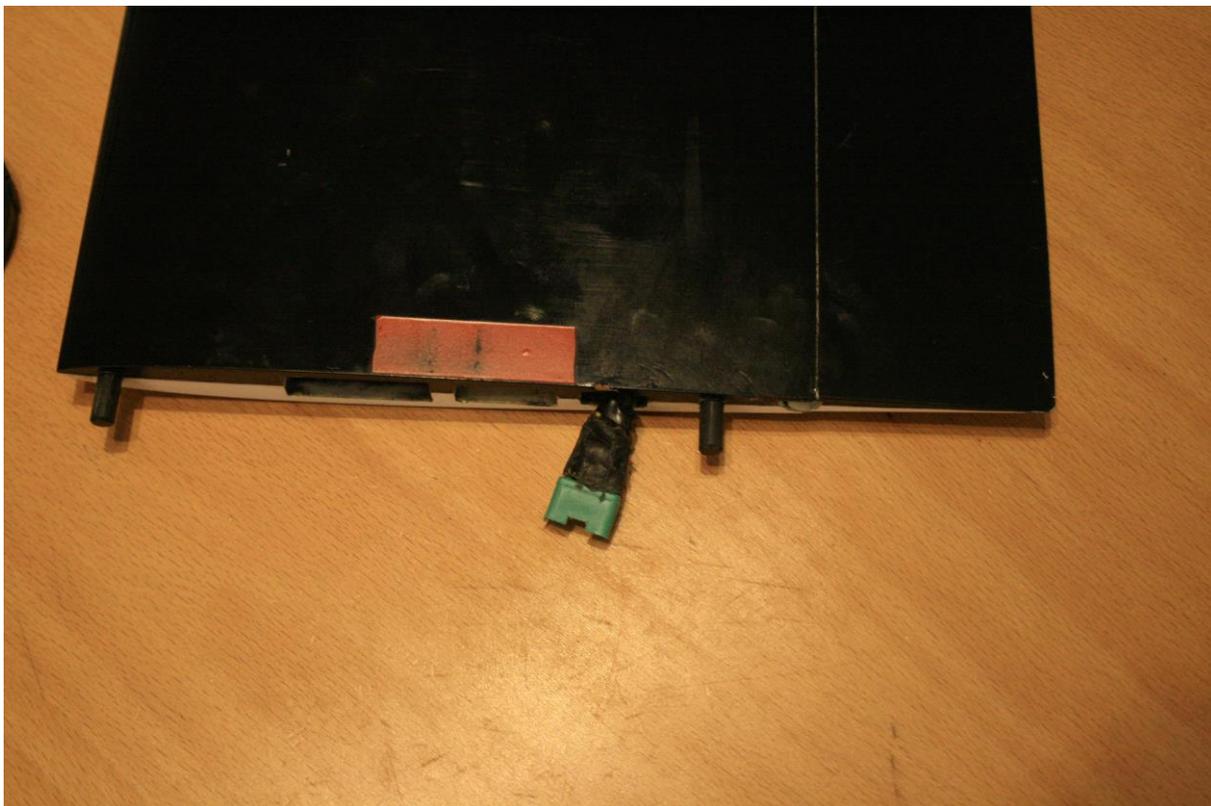


Take your time and do several dry installation. Once near, if necessary, to the cyano pointed to test the amplitude control surfaces. Supports servos can be glued with epoxy 5min and the

horns will be glued to the cyano or with a mixture of epoxy and silica.

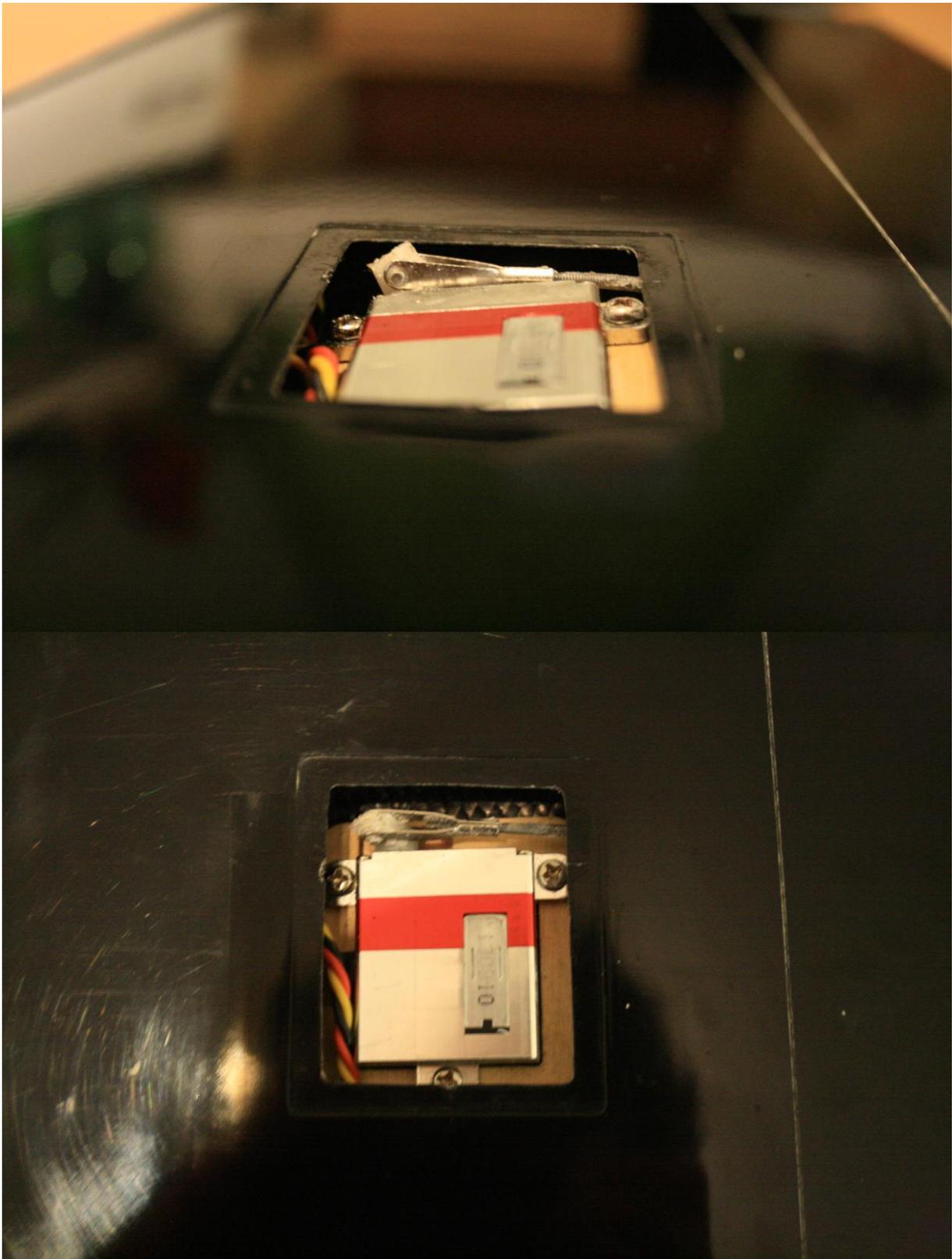
-Pass the cables through the holes planned. (To facilitate this step can make use of a piano wire) then solder the plugs.

-You can also add hot glue around the socket, to secure the welds



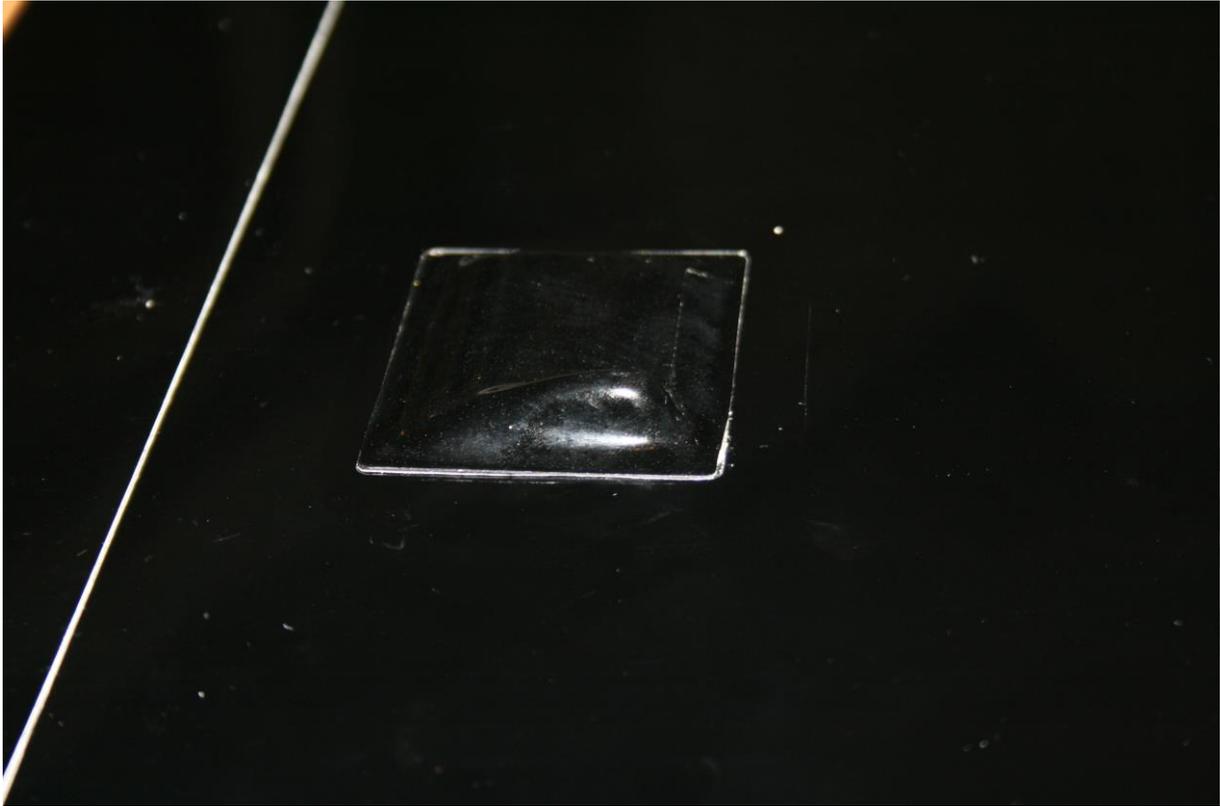
Before installing the servos, set the neutral for the aileron servos. Provide an offset of 20° for the shutter servos in the direction of the leading edge to take advantage of a large deflection of the flaps.

You can now install the servos and connect the rods. Favor a mechanical adjustment.



RC Glider

You can now set up the servos cover.
The cover is here glued to double-sided tape



The wings is now complete !!!

RRCRCM
Aero Team-RC Glider

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FUSELAGE

The SPLIT needs about 100gr of lead to be centered correctly. To save the place, we will be molded the plumb.



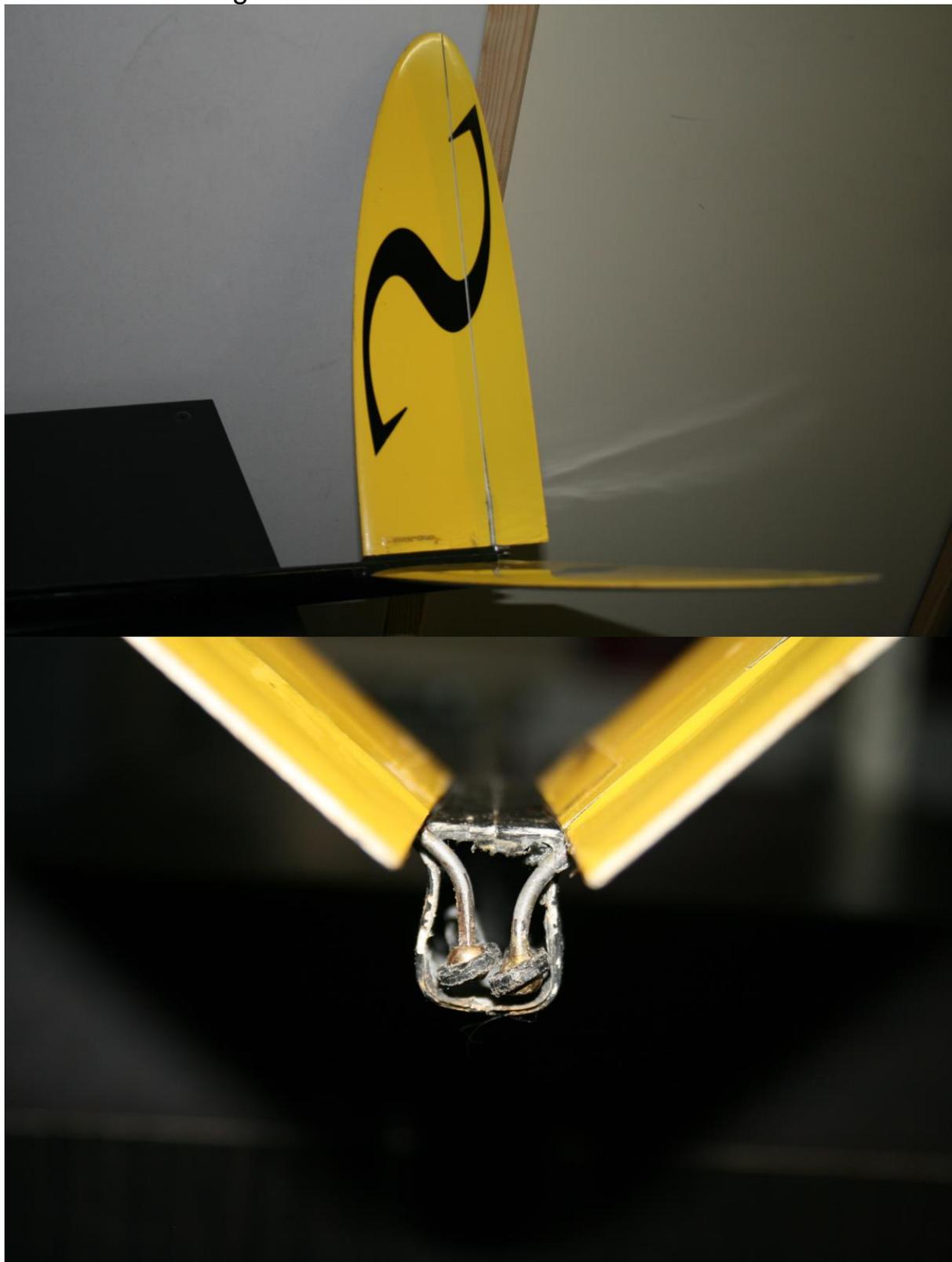
Take a latex glove, place it on the SPLIT nose. Fill a plastic cup with plaster and dip the Typhoon + nose. Once dry, remove the fuselage.

The installation of the fuselage has no particular problem. Take the time to reflect on the servos used and their location. same for the battery. The servoplate will paste it epoxy 24 hours with silica. Predict the location of the ballast tube.



- The v-tail joiners are then glued to the fuselage.
- Use the hardware provided by the ARF kit...fix the iron stick like you see in the picture and glue it using epoxy.
- Solder the bronze ball to the iron stick end.

- Sand the fuselage tail to have the correct assemblies between tails and fuselage



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Specifications:

Wing span: 2840mm

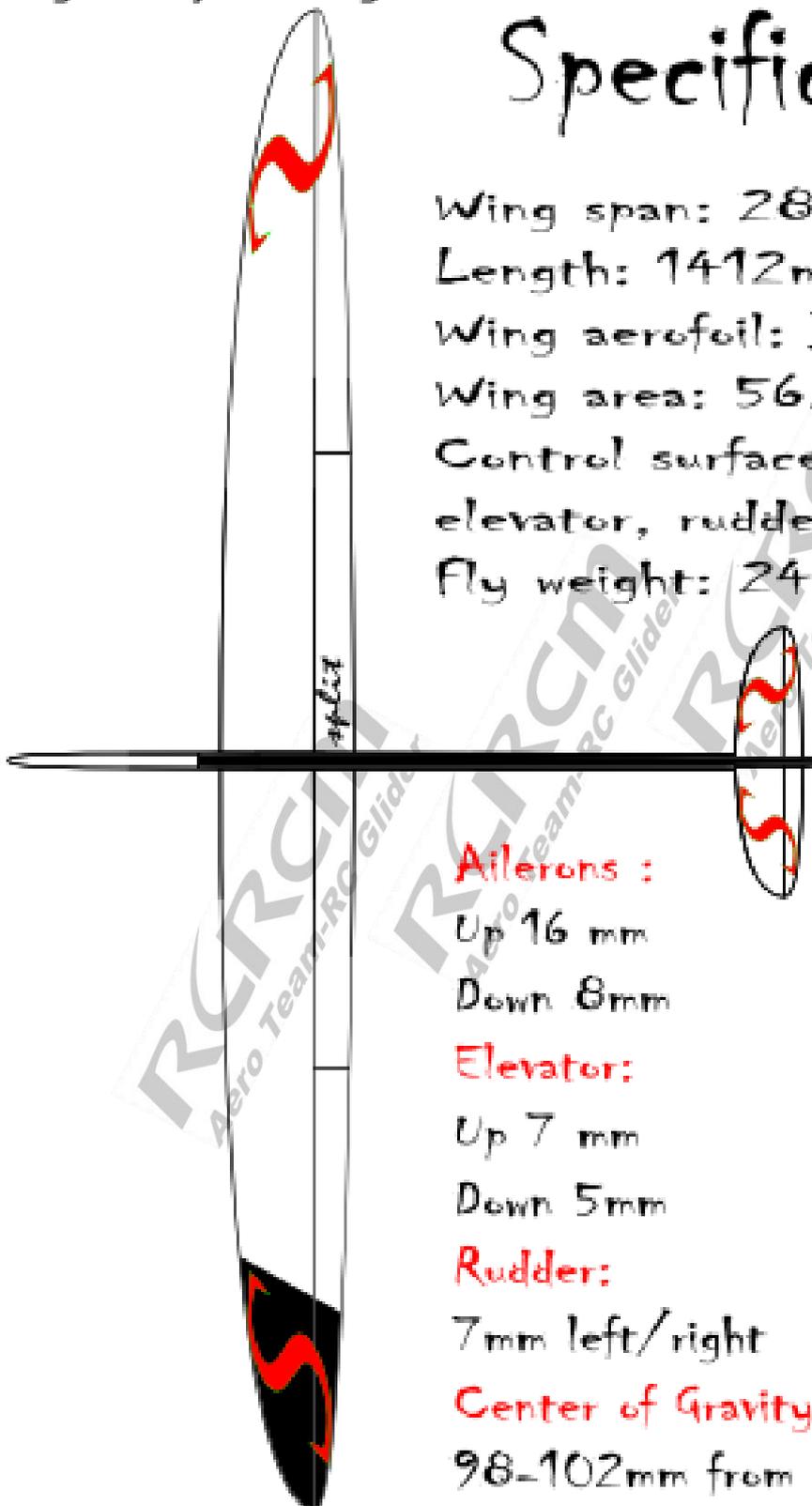
Length: 1412mm

Wing aerofoil: JBD series 8%

Wing area: 56.9 dm²

Control surface: ailerons, flaps,
elevator, rudder

Fly weight: 2400g



Ailerons :

Up 16 mm

Down 8mm

Elevator:

Up 7 mm

Down 5mm

Rudder:

7mm left/right

Center of Gravity (CG):

98-102mm from leading edge