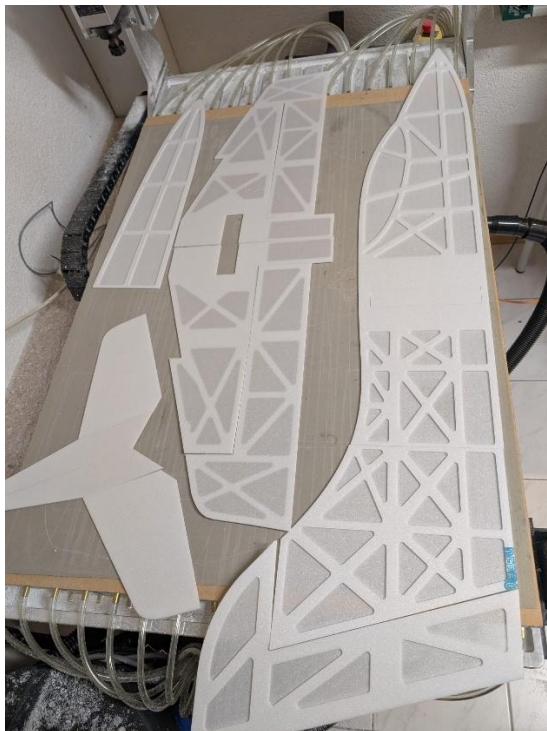


Ares F3p



Make shure all parts are flat.



Recommended Glue: Uhu Por and Pur Leim

Cut

3mm Cut

3d printed parts

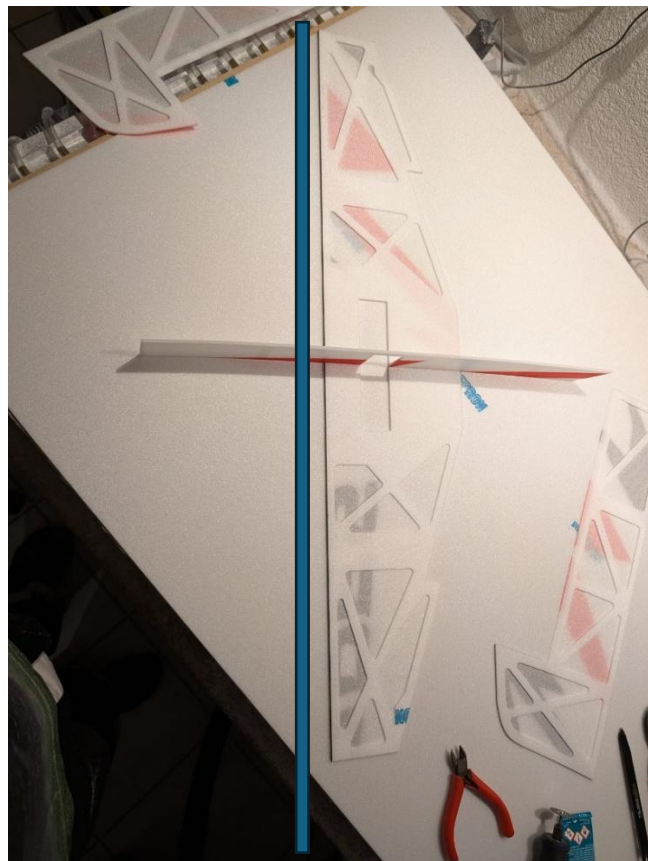


pointing outwards



3x0.5mm Rod

The vertical part should be located between the wings

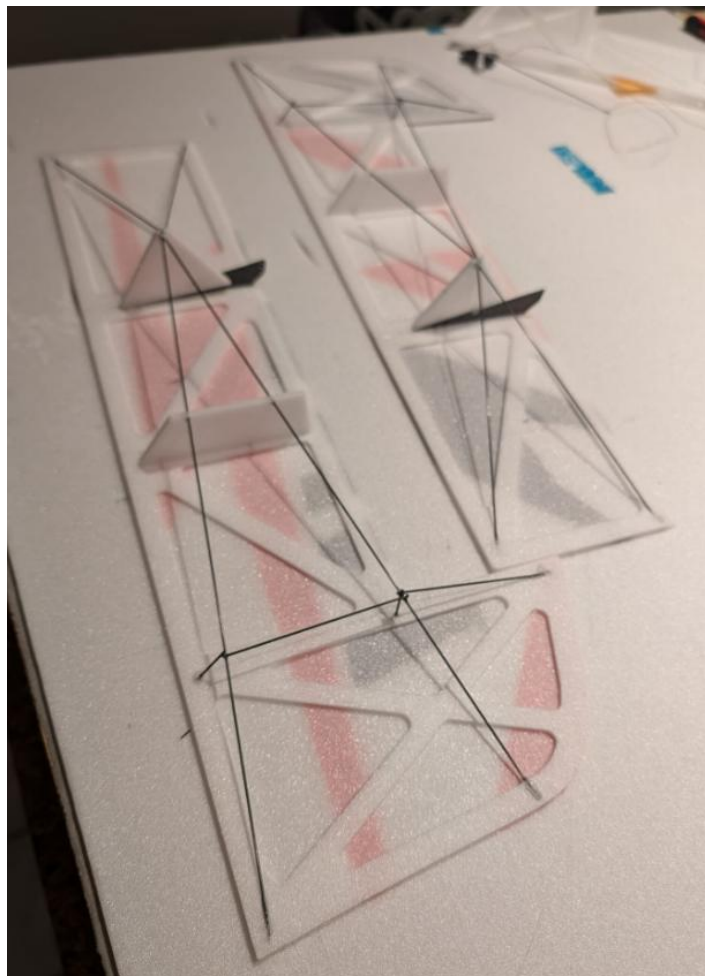


Make a 60° cut on all control surfaces

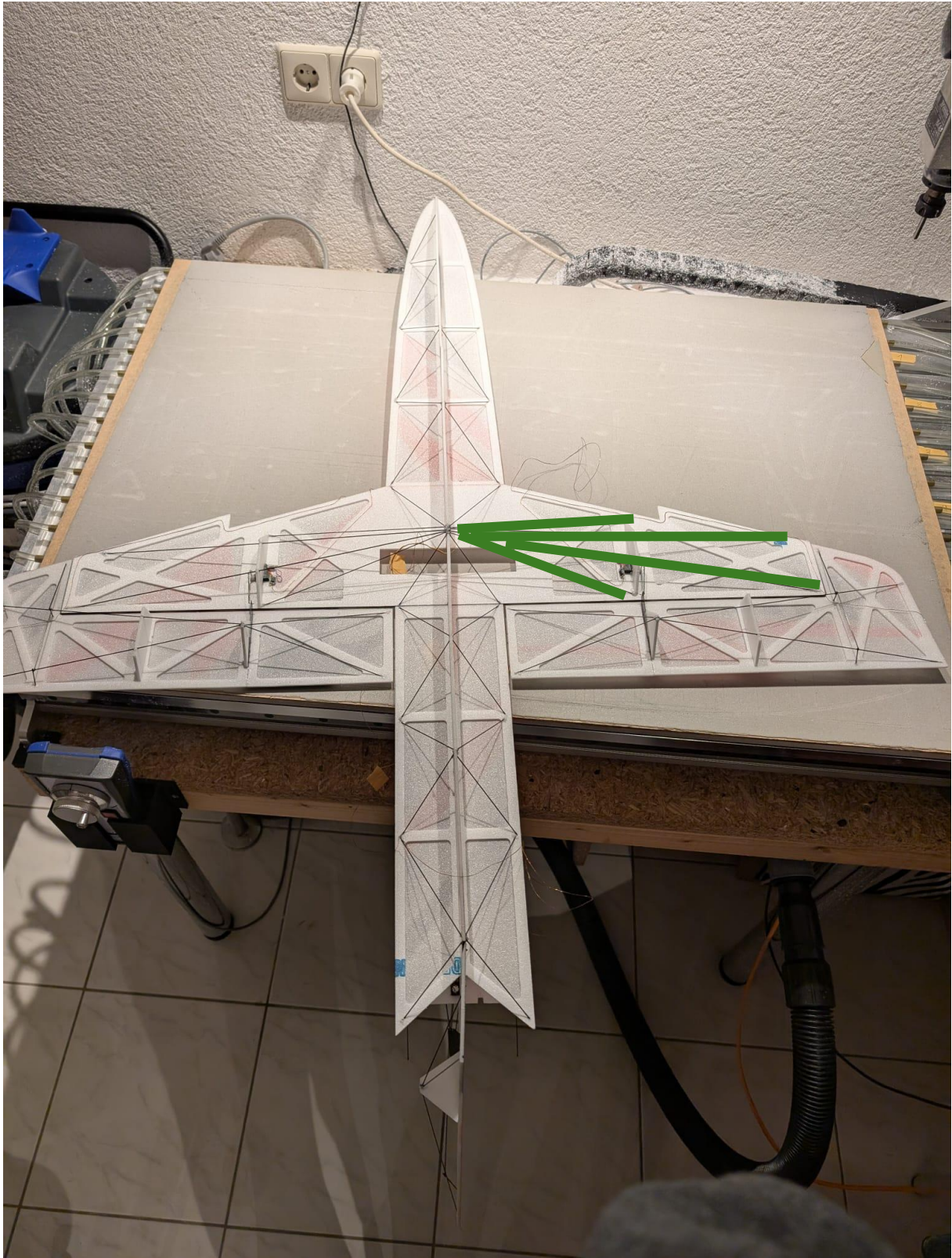
Hinges with Uhu Por and Tesa

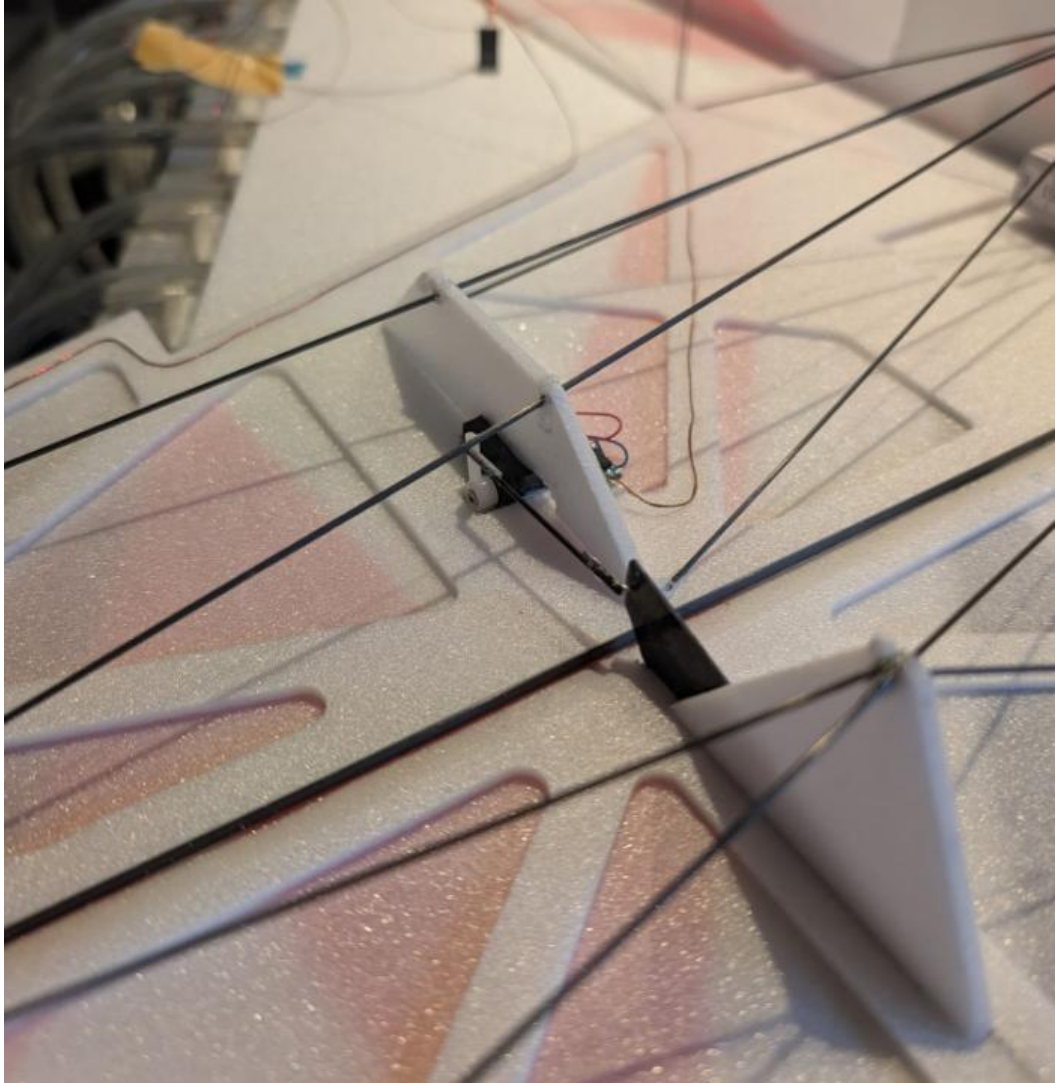


1mm rods on the Ailerons



All 1mm rods, except the 8 long rods of 1,5mm





1mm rods on the Rudder



3x0.5mm Rod



Elevator Modification Options

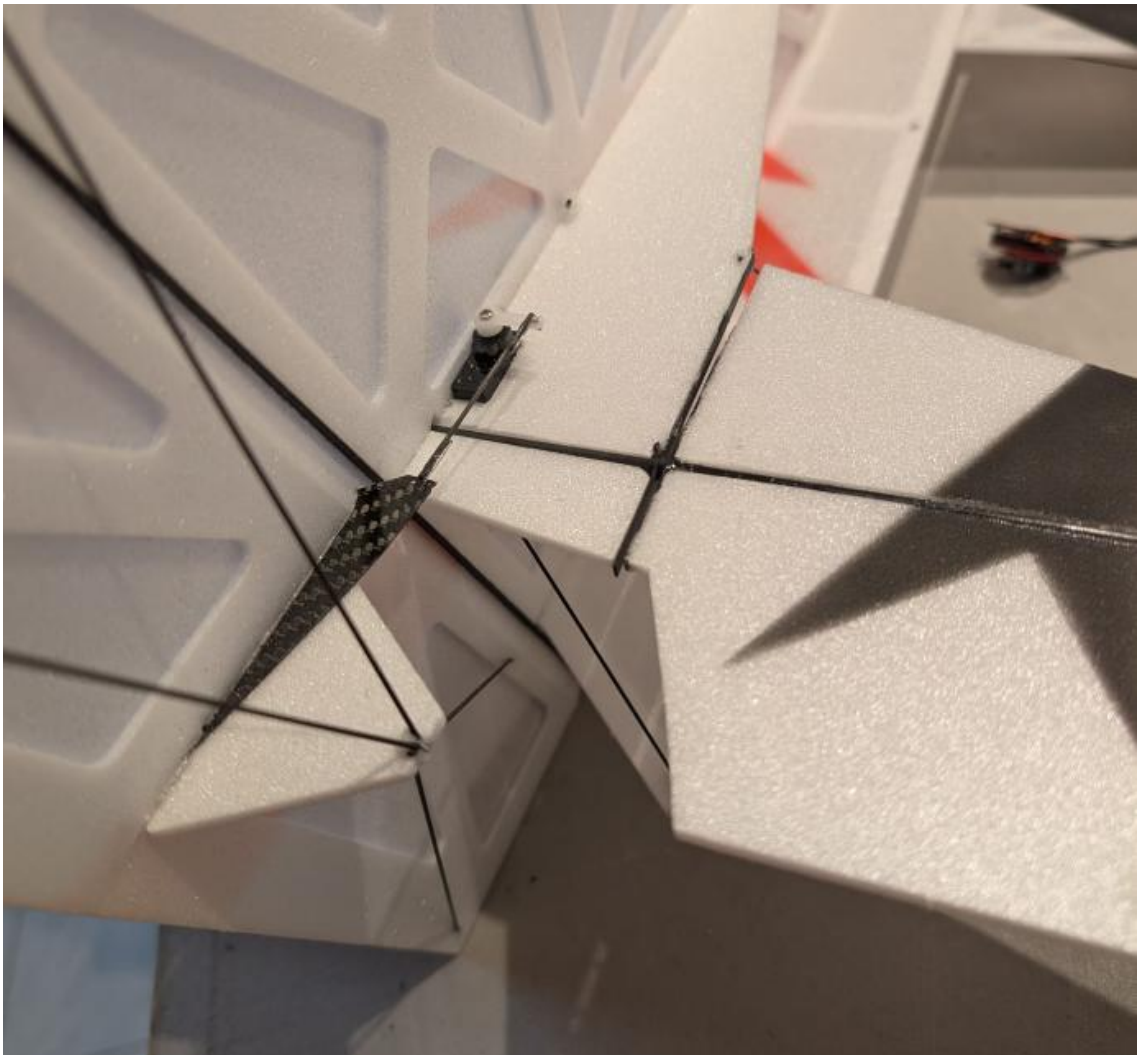
There are several approaches you can take with the elevator:

As shown, I had to cut into the elevator to achieve greater rudder movement.

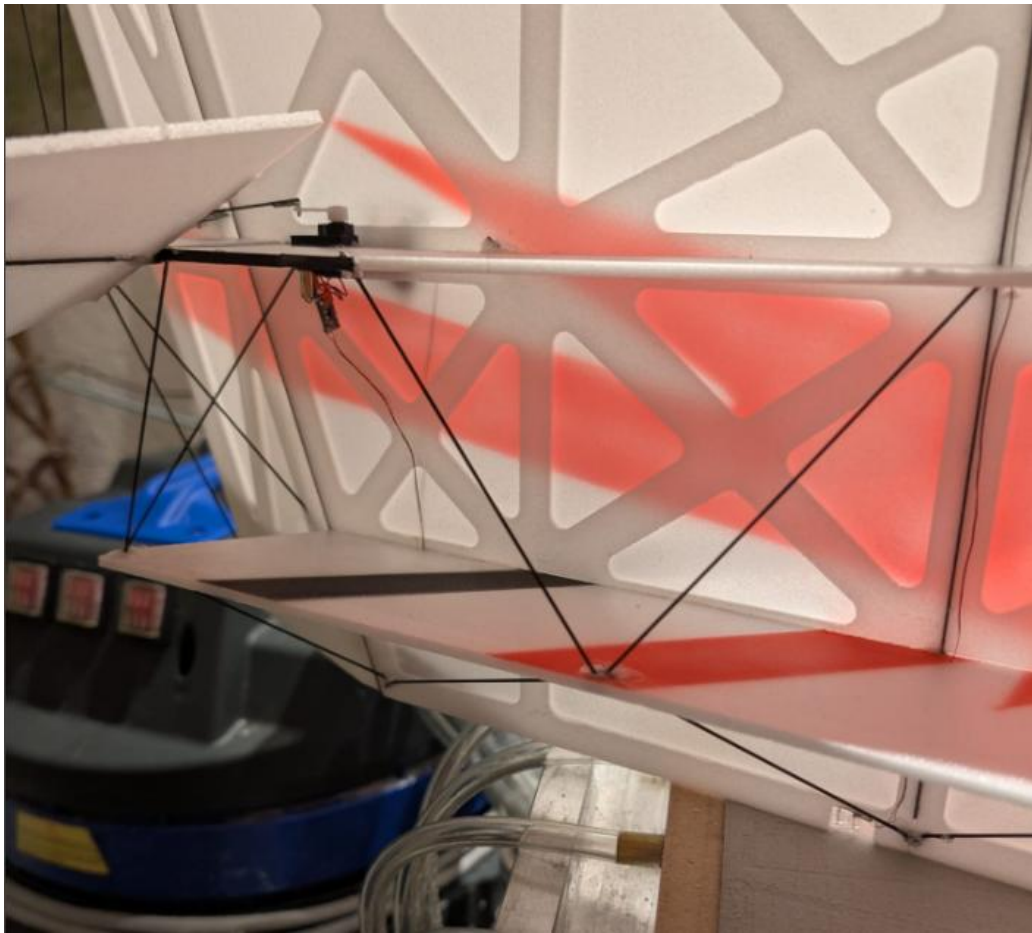
If you prefer to avoid extensive cutting, you can reduce the height of the triangular part and lower the control rates. This minimizes the amount of material removed.

Considerations:

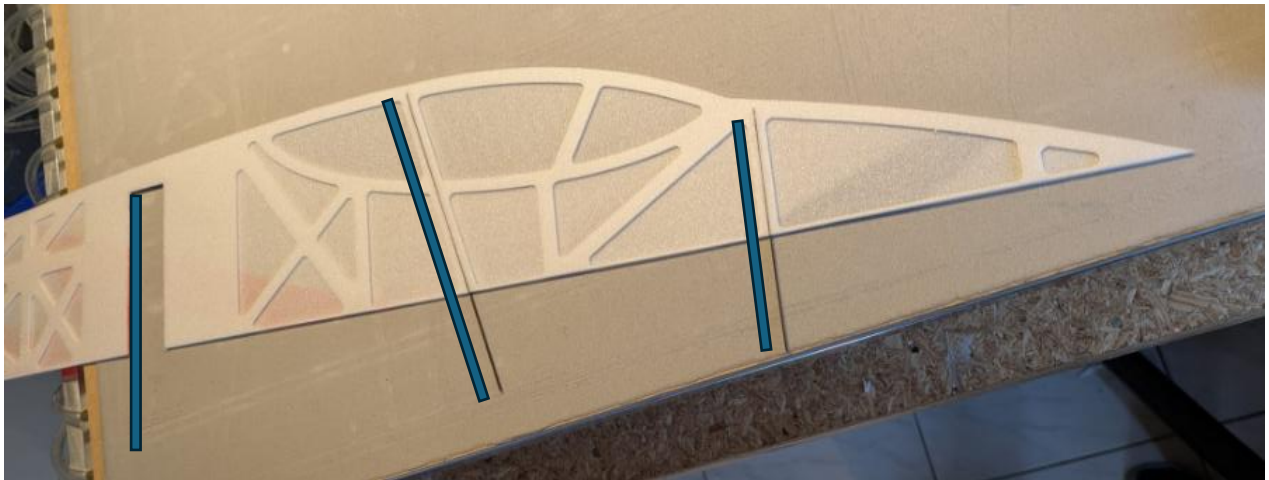
Reduced stability, Limited control surface movement



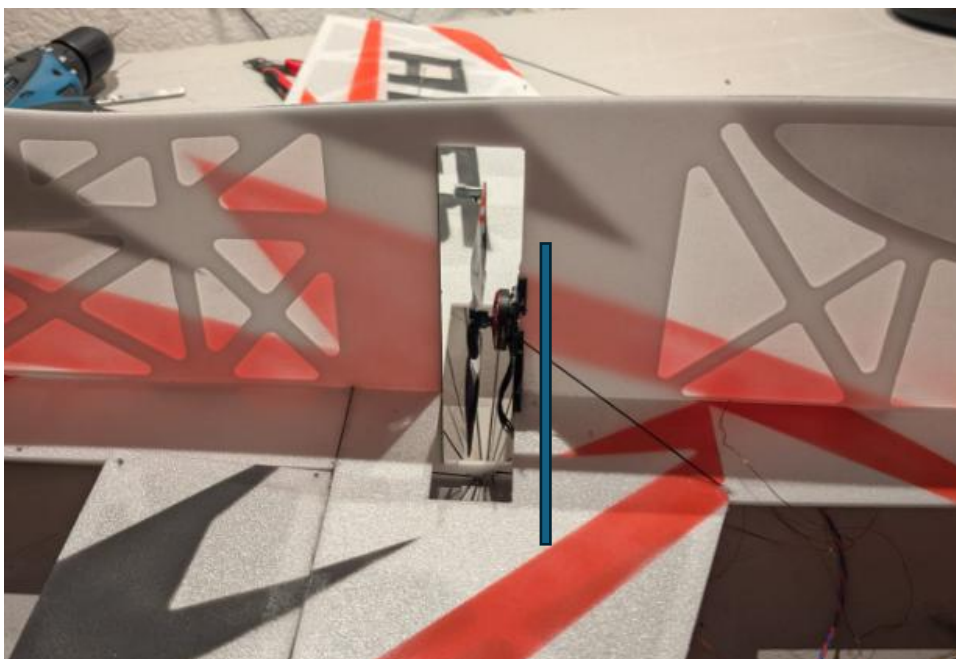




3x0.5mm Rod



The approximate position of the balance point is at the leading edge of the propeller cutout.



Happy flights with your F3p Ares!



For questions +49 174 4532213