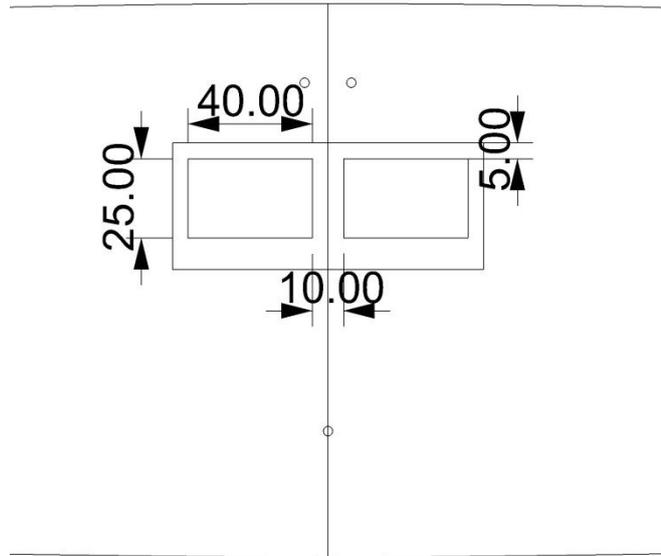
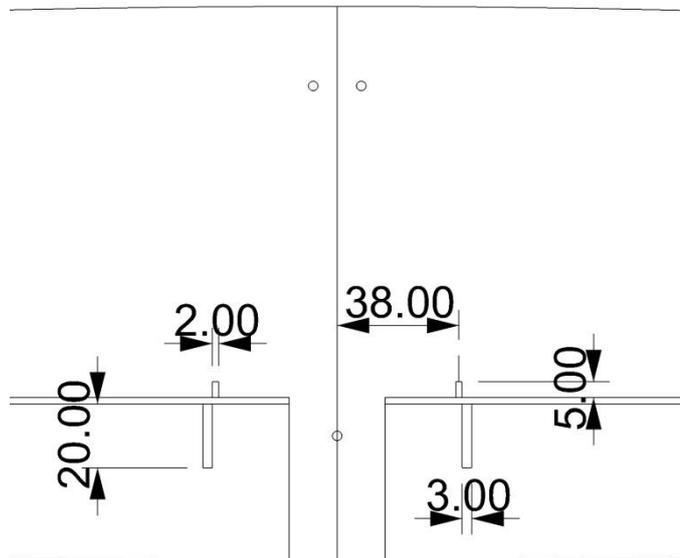


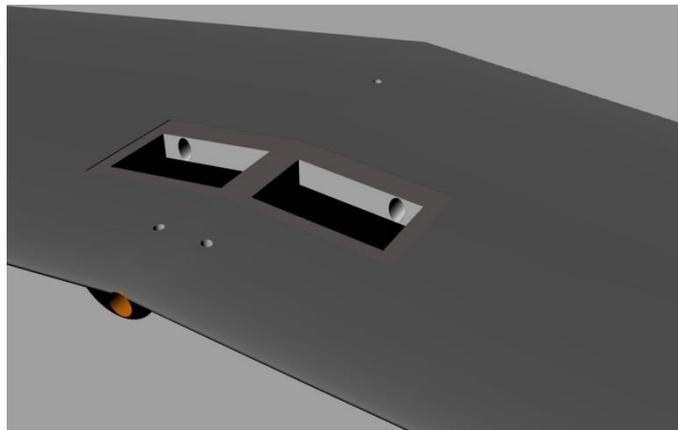
Mark servo cutouts on the wing (bottom) and cut out using a cutting disc or X-acto knife, remove the rohacell all the way to the carbon skin (top).



Mark the control horn cutout on top of the wing and cut out using a cutting disc or X-acto, remove the rohacell all the way to the bottom wing skin.



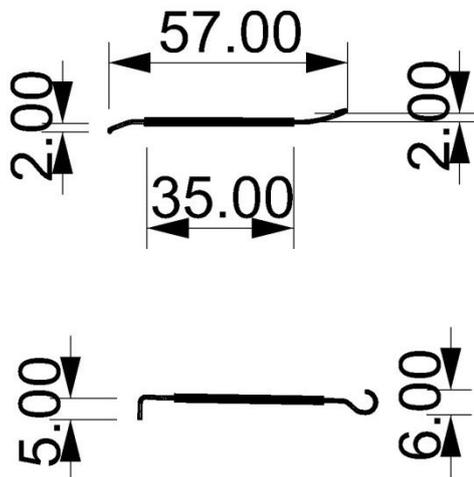
You can see a pre-made pushrod channel, use a small round file or drill (by hand) to remove all rohacell from top and bottom skin, (open-up the channels for free pushrod movement).



Make the pushrods using the supplied 1mm steel wire and 2mm carbon tube.

Use a round nose pliers to make the hook, then use flat nose pliers to make 2 bends in order to get the pushrod in center-line.

Now cut a 35mm piece of the carbon tube, roughen the steel wire and glue it on using thin CA.

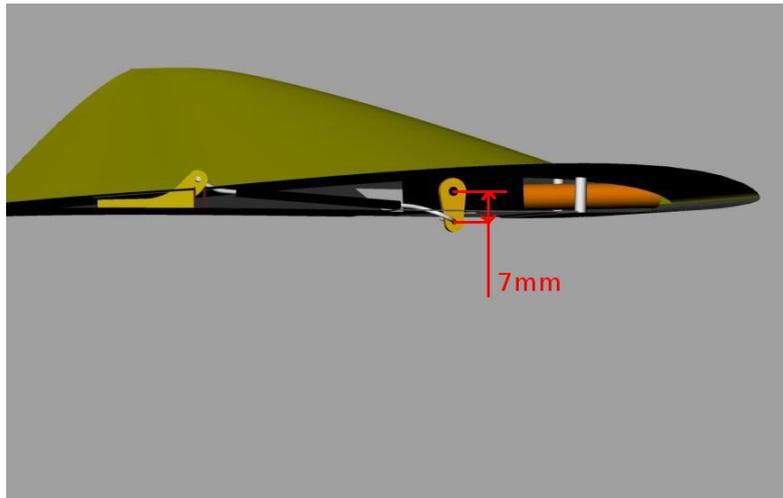


Now continue using flat nose pliers to complete the pushrods, **you will need a left and a right!**

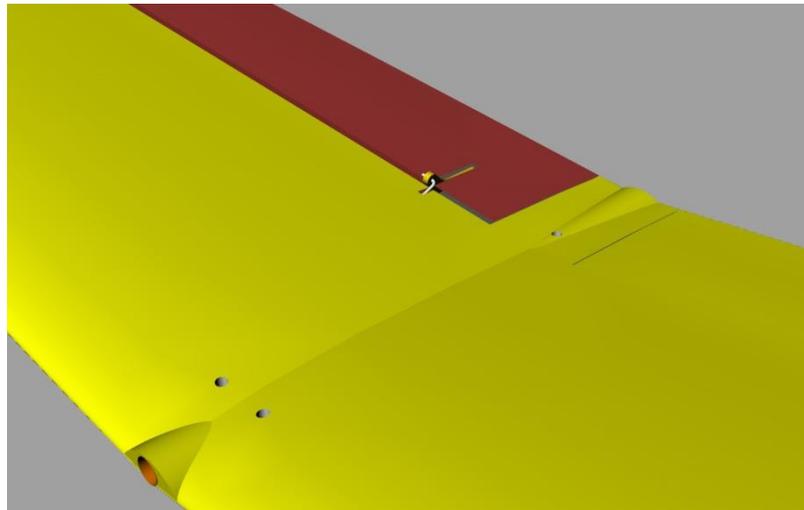


Here you can see how the pushrod runs thru the wing.

The orange tube is where you need the feed the servo wires thru.

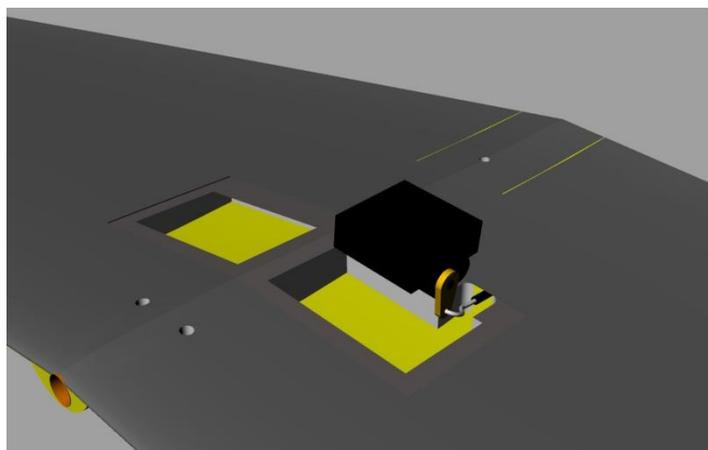


Insert the pushrod on the control horn and glue the control horn with 1 drip of CA in the aileron, make sure the connection is right above the hinge line!



Wrap the servo in tape and guide the servo wires thru the orange tube (to do this you need to cut off the connectors), now solder a connector or longer leads on them once they're fed thru the tube.

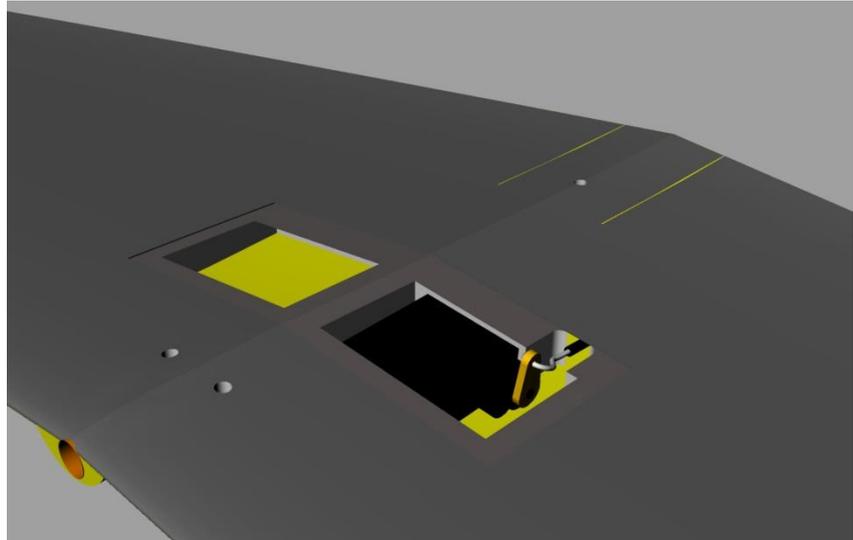
Now attach the pushrod 7mm out of servo center. (Servo horn as close to 90° as possible!)



Flip over the servo, make sure the servo is centered in your Tx, servo horn is close to 90° and aileron is not deflected, now glue the servo to the wing skin and also to the sides (rohacell).

Using (5min) epoxy

repeat on the other side



Put a drip of thin ca on the servo horn and aileron horn where the pushrods goes thru , (use a needle to transfer the drip from ca bottle to horn , this way you're sure you only have ca where needed . this makes for a connection free of any play.

Now glue the aileron horns permanently using CA+filler or epoxy.

Close up using the supplied servo cover, use (clear) tape to hold it in place.

