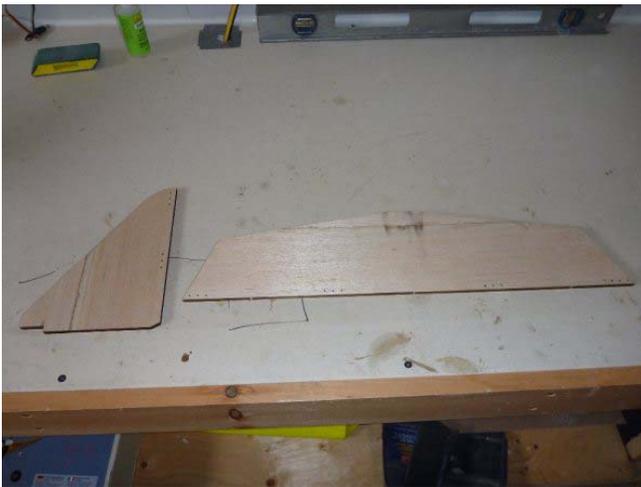


Fuselage:



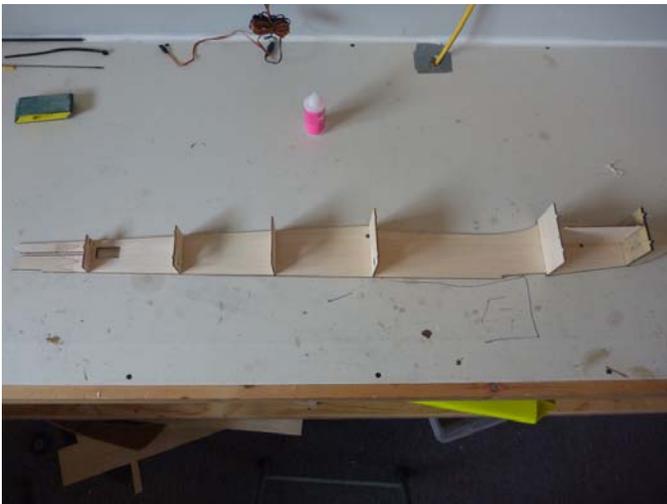
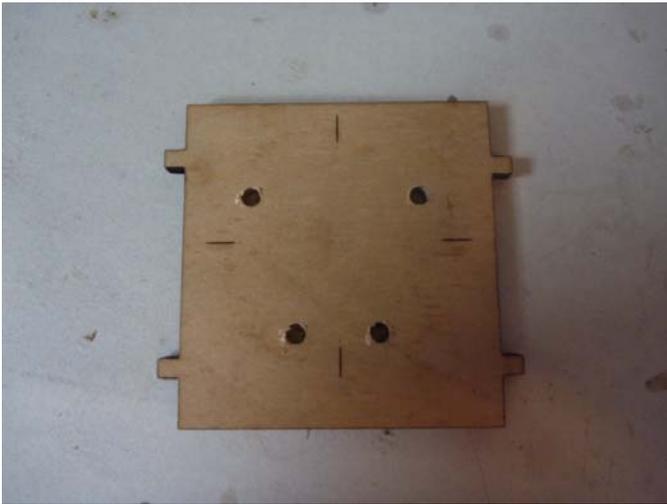
Start with the fuselage sides and glue the back pieces on. Put the fuselage sides aside.

Also glue the front pieces on the vertical and horizontal stab.

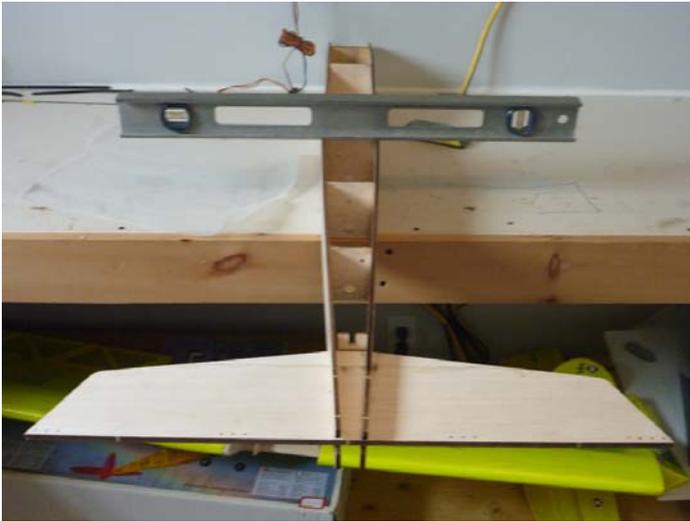




If you have decided to use the firewall with the holes not pre drilled now is a good time to do it your self. Use the vertical and horizontal marks to center your engine mount.



Now take the left fuselage side and insert all the bulkheads including the fuel tank floor.
(DO NOT GLUE)



Take the right fuselage side and test fit it.
Glue the bulkheads from the firewall back except the last one. Once all the bulkheads are cured slide in the horizontal stabilizer and make sure it is level with the fuselage top. Once level glue the aft bulkhead in place.



Glue in the supplied wedge piece for the tail.
Then glue the tail wheel mount.





Next install the landing gear mount making sure it is flush with the fuselage sides.



With 1/16" sheeting. Sheet the bottom of the fuselage from the landing gear block to the tail wheel mount.



Cut some triangle stock to size for the fire wall. Glue the triangle stock on both sides, on top and under the fuel tank floor. Also, not shown here glue some triangle stock to the bulkhead at the front of the wing on the fuel tank side.



Cut some triangle stock to brace the landing gear block.
Use at least 3/8" – 1/2" triangle stock.



Take this time to fuel proof the engine and tank area. Use CA or epoxy.
In this picture "Klass Kote" is used.

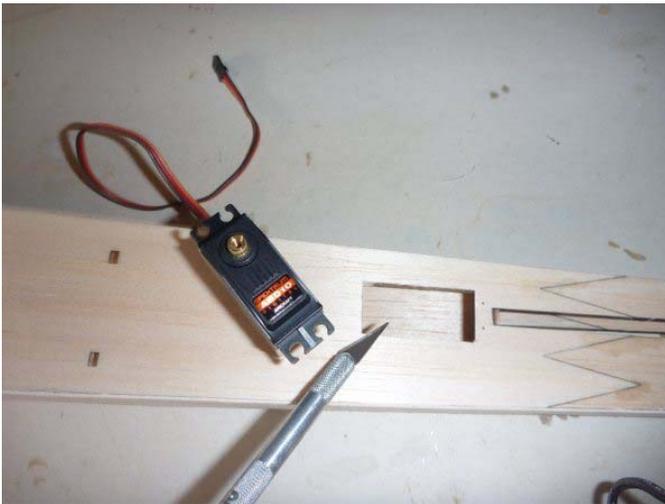




Check the servo mounts to make sure the slots cut out are the right size for your intended servo. It may be necessary to make the slots a little larger to fit your servo.

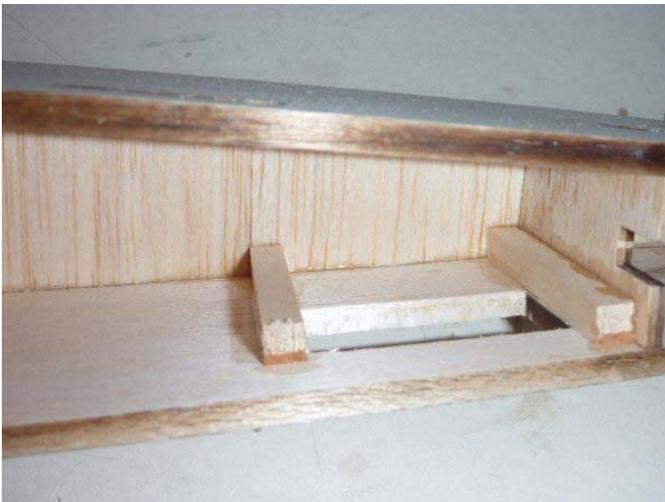
Glue the servo mounts in place as well as the $\frac{1}{4}$ " square spruce servo rails.

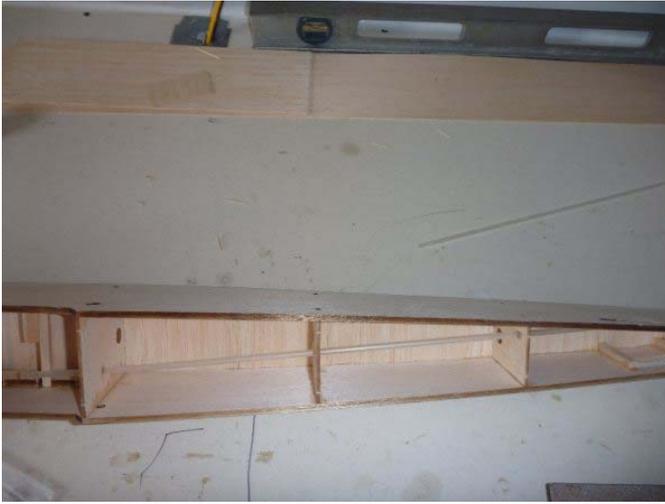
If you are using a micro servo for the throttle, glue a piece of $\frac{1}{4}$ " square spruce $\frac{1}{3}$ across the aft. Servo rail.



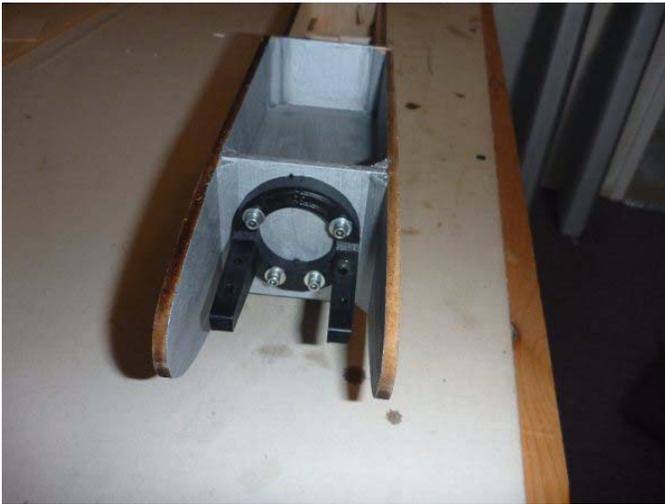
For the rudder servo it may be necessary to make the precut opening a little larger to accept your servo of choice.

Use some $\frac{1}{4}$ " square spruce on the backside of the fuselage side for servo screws.





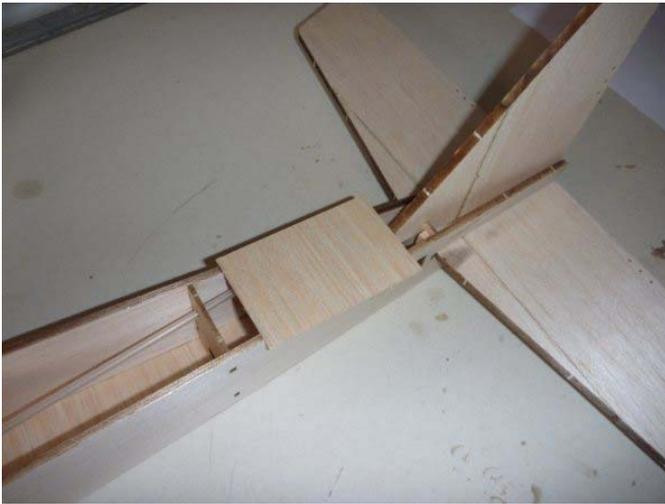
Slide a piece of tubing through the precut holes and the slot on the right side of the fuselage. It will be necessary to sand the exit slot on the fuselage so that the tubing will continue in a straight line. When satisfied CA in place. Also cut remainder off flush with the outside of the fuselage. The tubing used here is Du-Bro push rod housing.



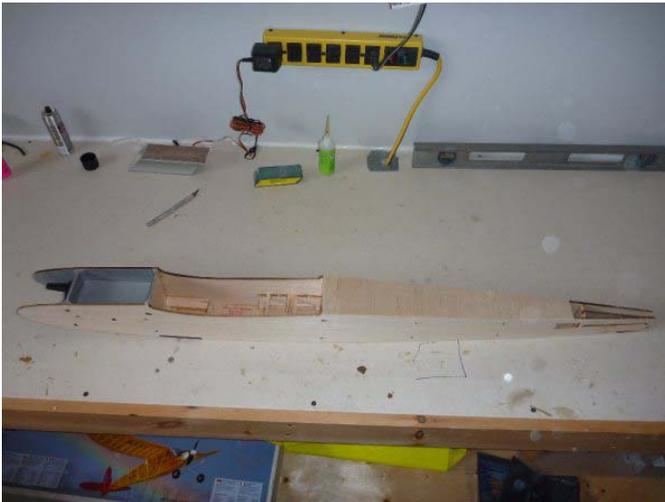
This is a good time to mount the engine mount using blind nuts.



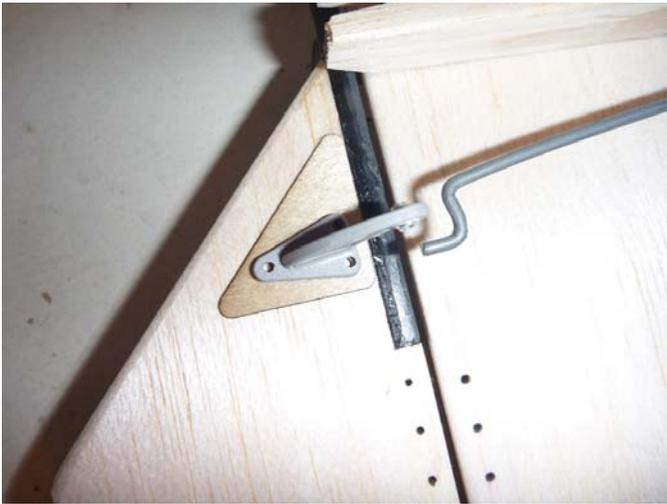
Then finish the bottom sheeting from the landing gear block forward.



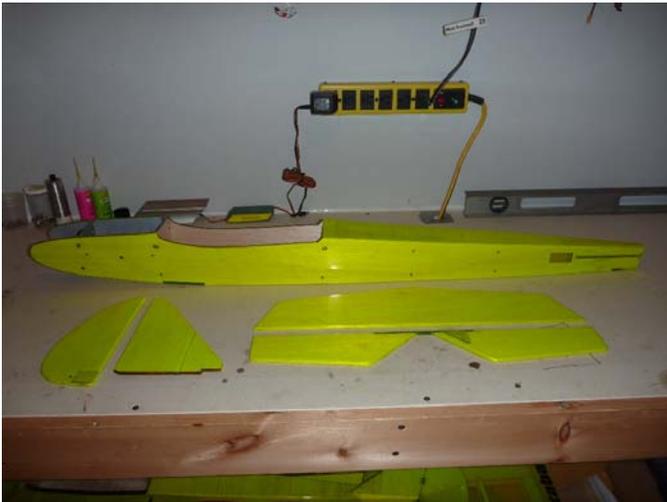
Temporarily install the vertical and horizontal stabs. From the leading edge of the vertical stab finish the sheeting on the top of the fuselage. Also sheet the top of the fuselage on either side of the vertical fin. Run the sheeting lengthwise.



Cut a piece of $\frac{1}{4}$ " dowel hard wood or carbon fiber to size for the elevators. Sand the dowel so the glue will adhere better. Glue with medium CA



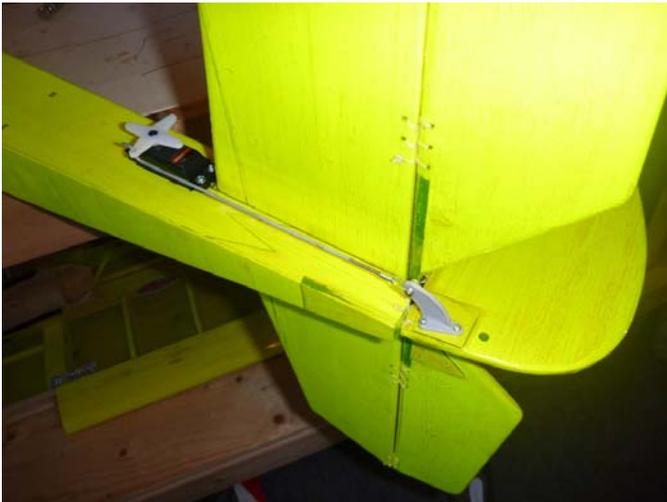
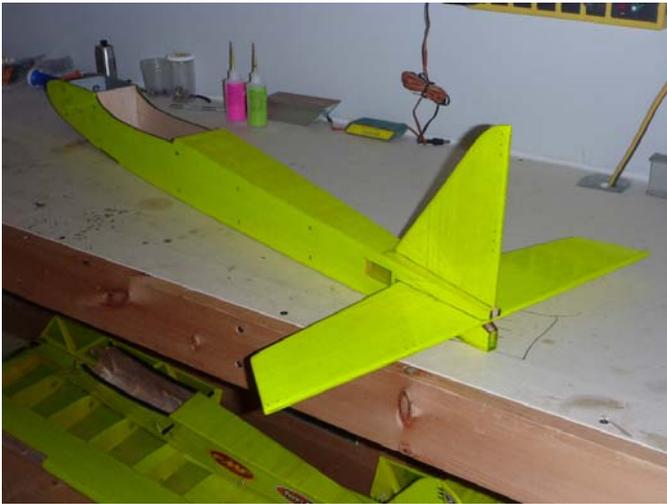
With the horizontal stab in place align the elevator stiffener and the control horn. Glue the stiffener with medium CA



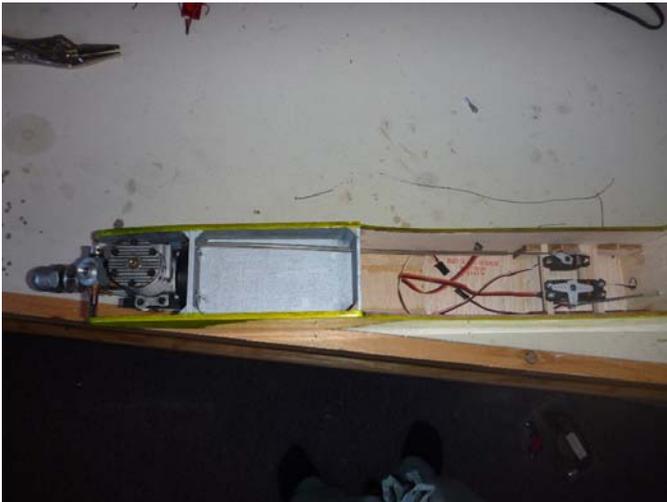
Cover the horizontal, vertical stab, rudder and the elevators.
When covering the fuselage, cover the sides first followed by the top and bottom.



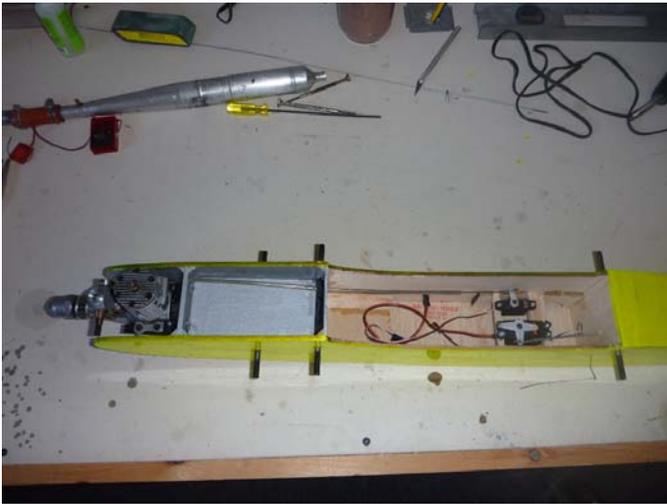
Line up the horizontal stab and vertical stab. When in their place, mark and remove covering where gluing. Glue vertical and horizontal stab at the same time. Take your time on this step. Next install the elevator and the rudder. There are predrilled holes if you wish to hinge by the sewing method, or you can use conventional hinges if you desire.



Install the rudder servo and the control horn.



Install the engine, elevator and rudder servo. And connect as well.



Cut three ¼" dowels for the fuel tank and the wing. Secure with thin CA.



Finally install the landing gear, tail wheel, fuel tank and wing tape.