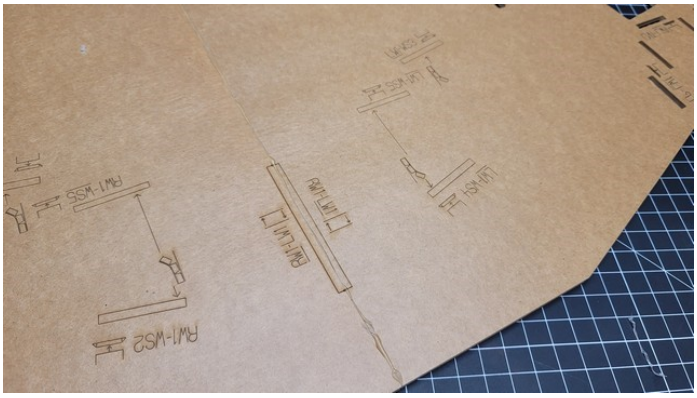
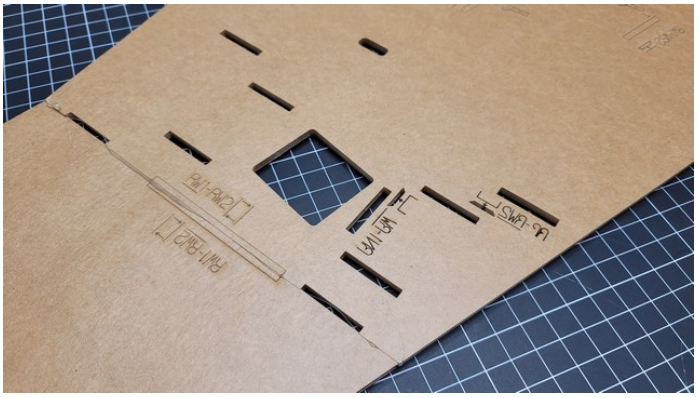
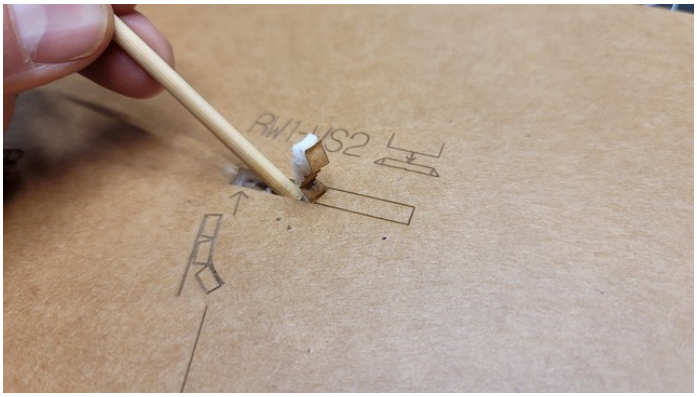


Follow symbol mapping and edge to edge fit lower wing sections.

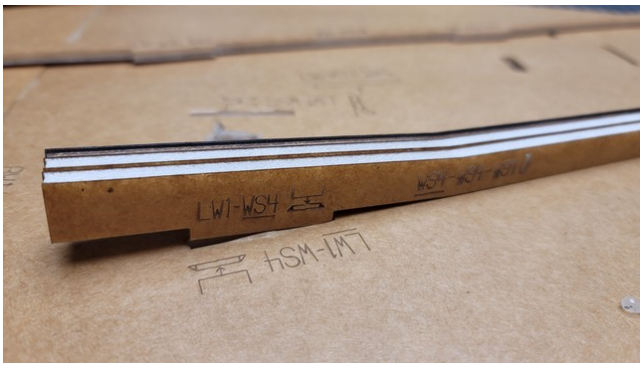


Follow symbol mapping and edge to edge fit outer lower wing sections.

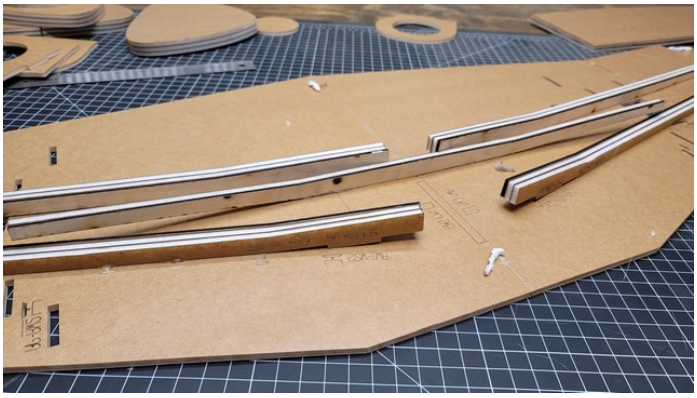


Remove Foam wherever indicated.

Stack and glue all spars.

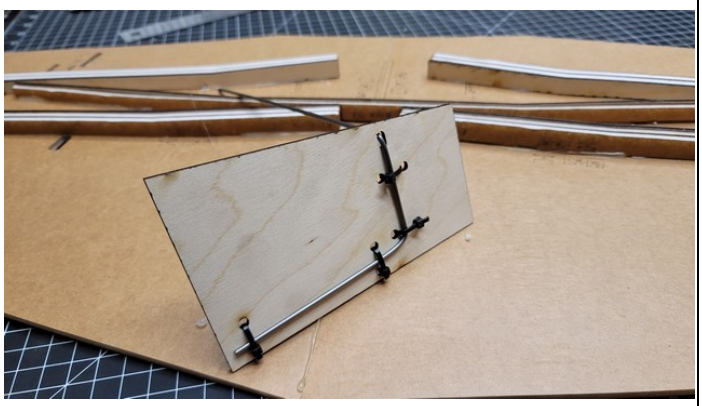


Glue spars from the wing tip to the angle. Make sure tab is in line with slot at center of wing.

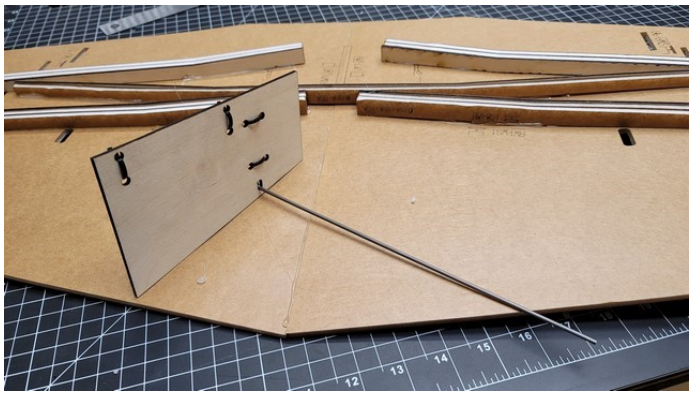


Glue center of 5th spar in place. Note, all spar ends will be sticking up as pictured.

Raise wingtips up a couple inches until spars make contact with lower skin. Glue spar in place, repeat on other side.

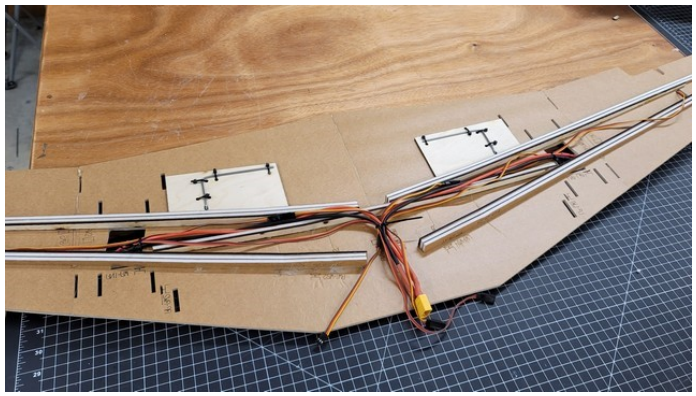


If adding landing gear, bend wire as seen in photo, secure with zip ties.

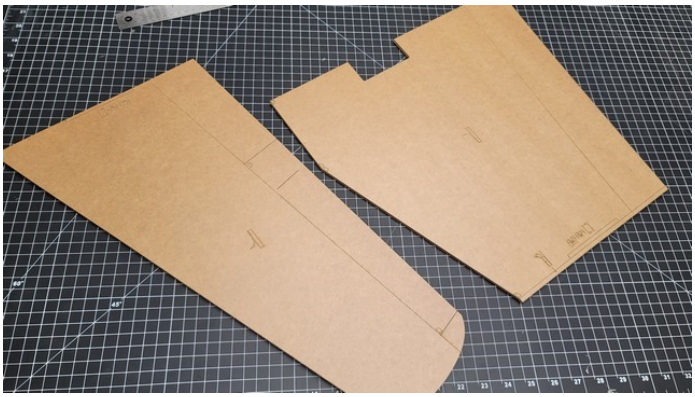


If adding landing gear, bend wire as seen in photo, secure with zip ties.

Find locating marks on lower wing skin and glue plates in place.



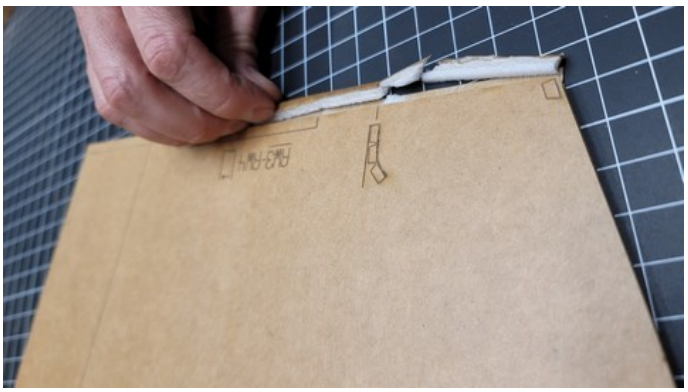
Add Wiring.



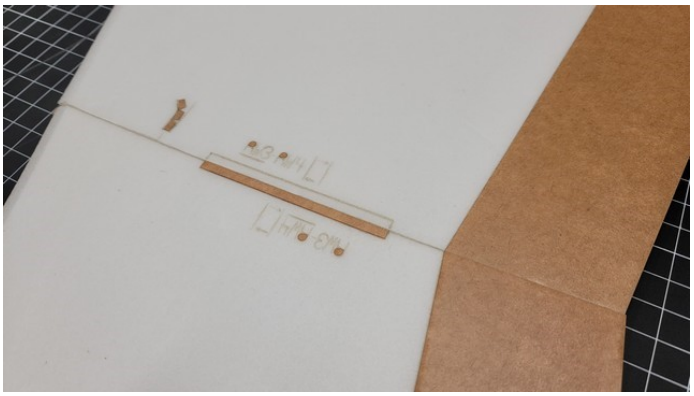
Locate upper wing skins

Add bevel along aileron. Reinforce hinge with light layer of glue. Make sure and wipe away all excess glue using foam scarp.

Add bevel along leading edge.

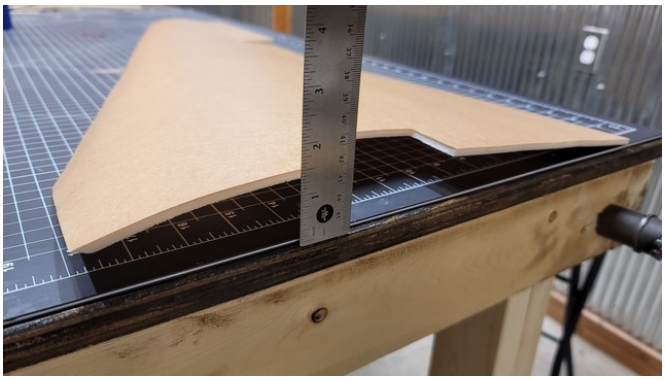


Remove foam wherever indicated.



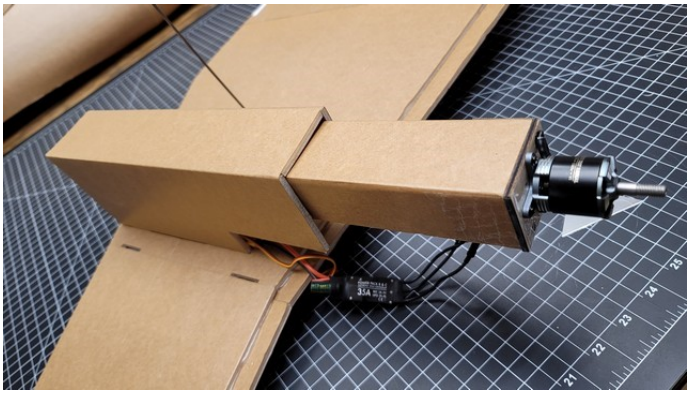
Glue wing skins together using edge to edge fit.

Add Shape top upper wing skins.

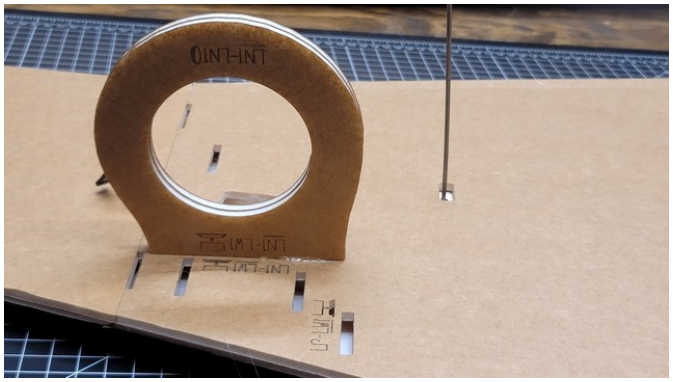


Camber height needs to be 1.5”+

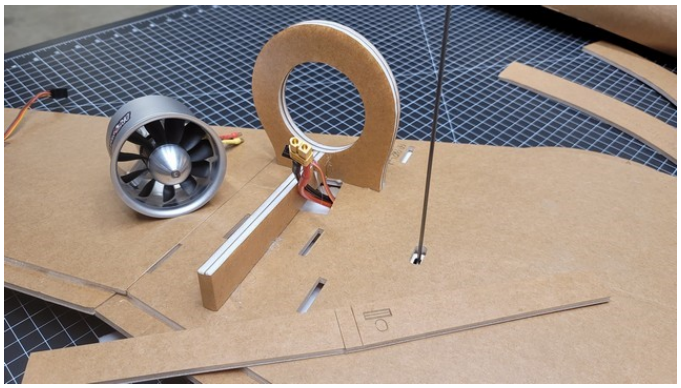
If using pusher prop, install power pod housing.



Power pod may be installed. Do not glue until build is complete, the box may need to be raised for better prop clearance once landing gear is installed.

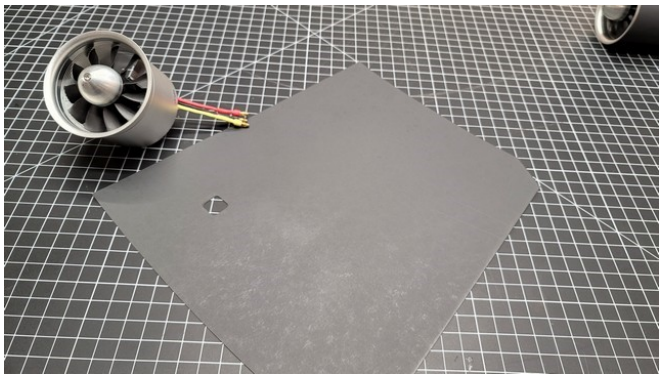


If using 70mm EDF, install EDF mount.



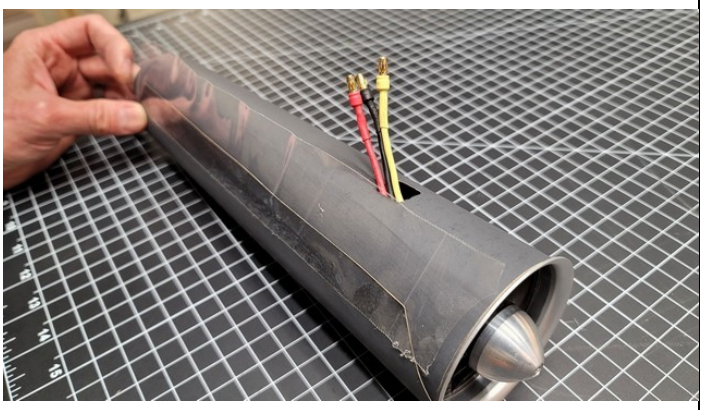
Add thrust-tube support.

Test Fit EDF



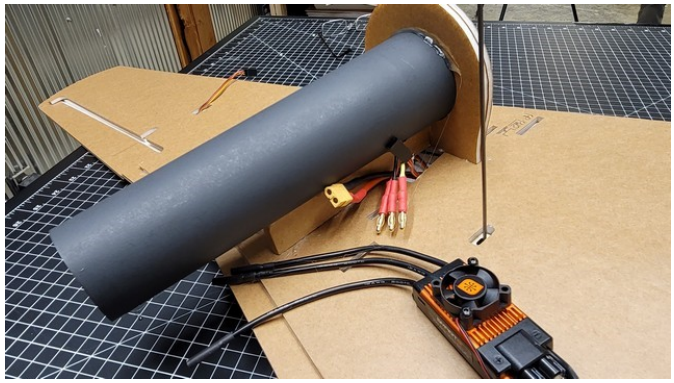
Locate thrust tube, roll and glue.

Run wires thru hole.



Run clear tape over seam.

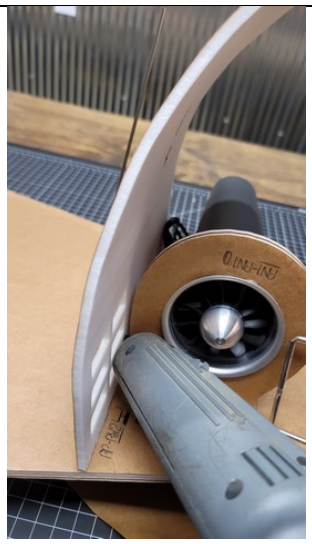
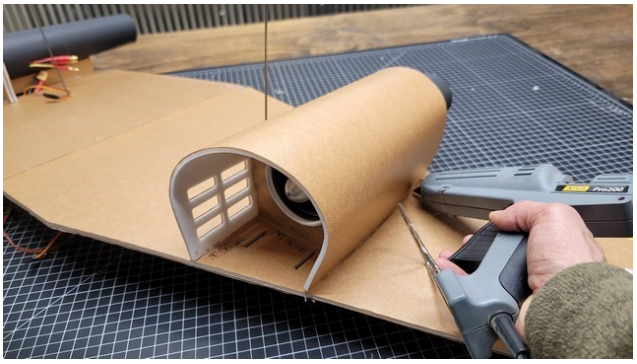
Add bead of glue around circumference whe thrust tube meets EDF.

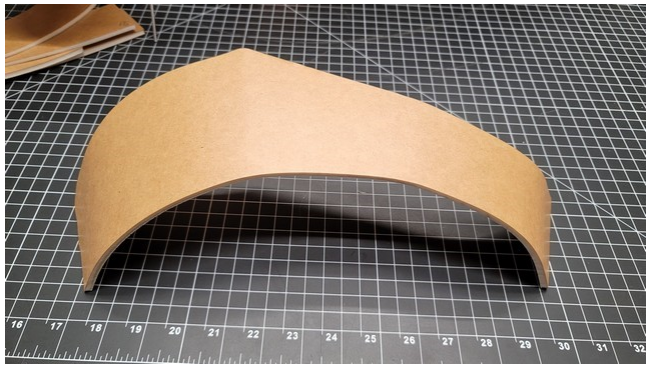


Glue EDF in place. Run bead of glue on thrust-tube reinforcement.

Add a Styrofoam cup to protect ends of thrust-tube.

Install first engine housing skin. Make sure skins is exactly flush with leading edge of wing.

 Glue skin to EDF former. If running props the skin is made without a former.	 After ensuring skin is perfectly flush with leading edge of wing, glue skin in place.
 Make hard bend on R3/L3 Skin at angle peaks	 Hard bend is only near angle peak.



Back edge will be flat to meet up with leading edge, while front edge is rounded to form intake.

Edge to edge fit the leading edge of wing and back end flat of R3/F3 skin.

Glue and wrap R3/L3 to engine housing skin.

Continue glue and wrap process.

Bring two edges together and run tape across seam(paper side). Glue from inside.

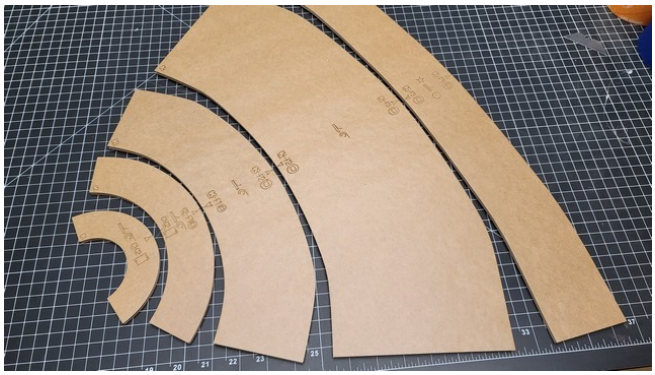
Continue glue and wrap on next piece following symbol mapping instructions.

Push Styrofoam cup in intake to protect edges from being damaged.

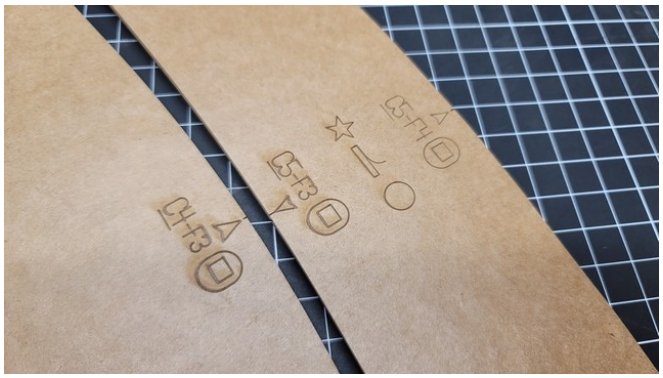
Install back plate.

Add exhaust cone following symbol mapping instructions. (Paper cone is used for other variants).

If not already done, stack all formers together.



Layout all skins for the nose.

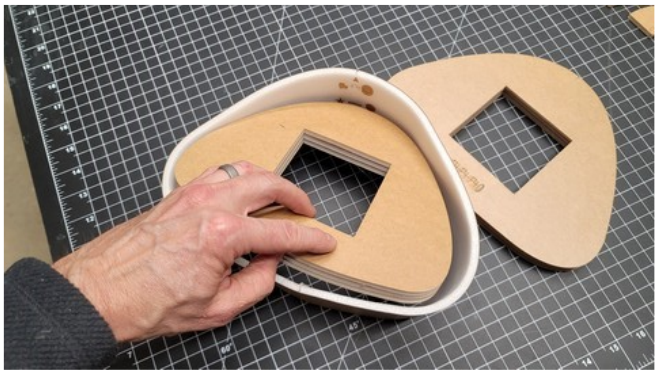


Find the skin with the star.

Peel paper.

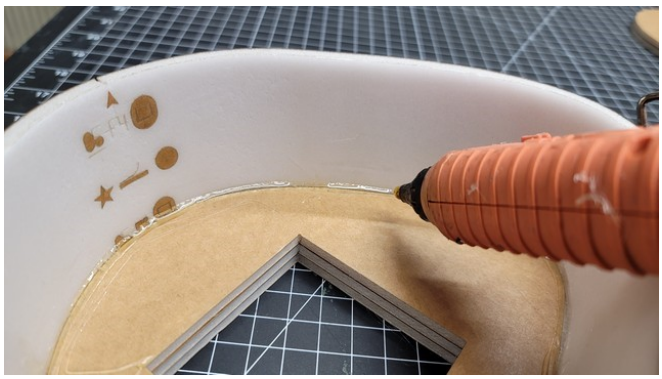
Locate former indicated by markings.

Add appropriate shape base on former shape.



Push first former thru, a slightly loose fit is better than a tight fit.

Unless otherwise specified, one layer of foam will be sticking out.

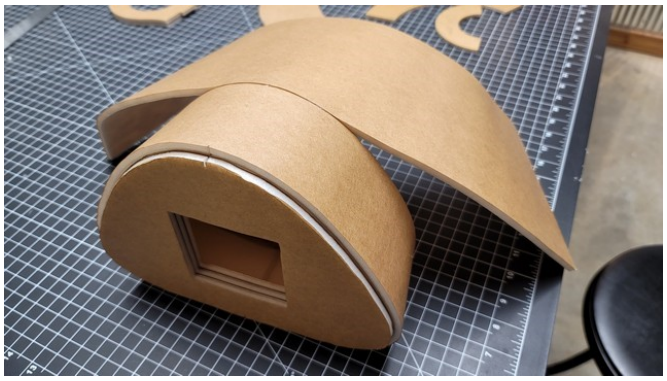


Glue former in place.

Rolling the former on the table top can reduce diameter of former.

Install other former.

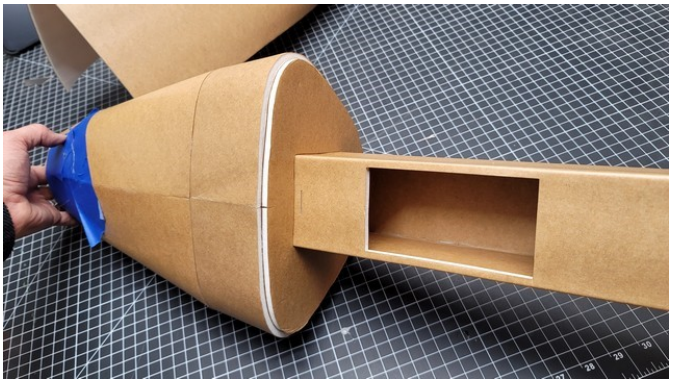
Follow symbol mapping instructions and peel paper before adding shape.



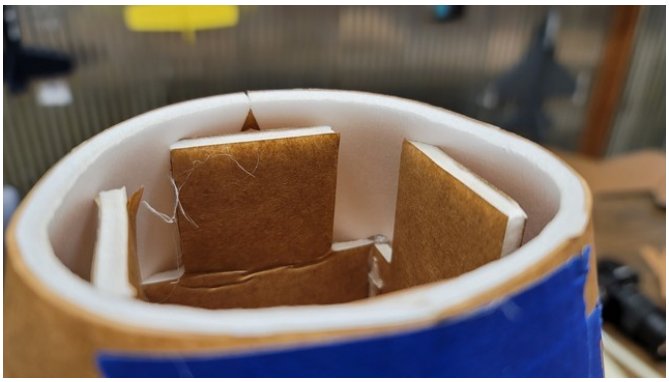
Glue and wrap following symbol mapping instructions.

When both edges are brought together, tape the seam. (do not glue)

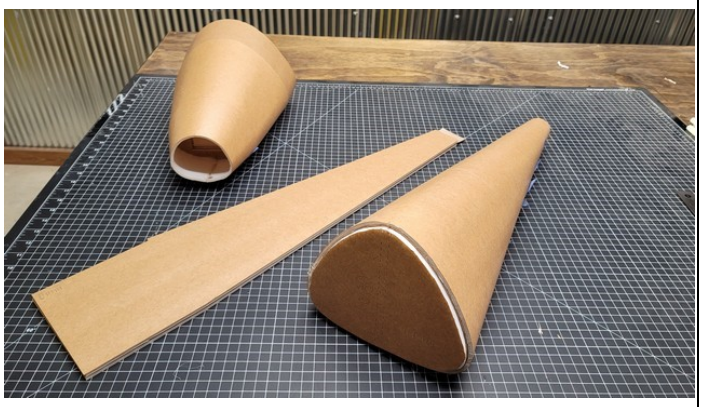
Add glue into the seam from the inside.



Work your way towards front. Assemble accessory box and insert.

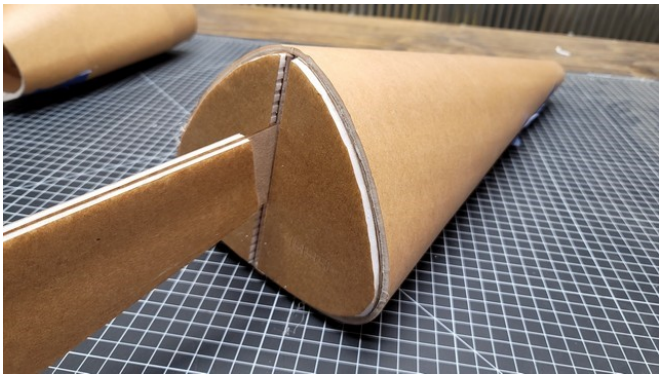


Leave approximately the thickness of one layer of foam between accy box front and edge of skinC3

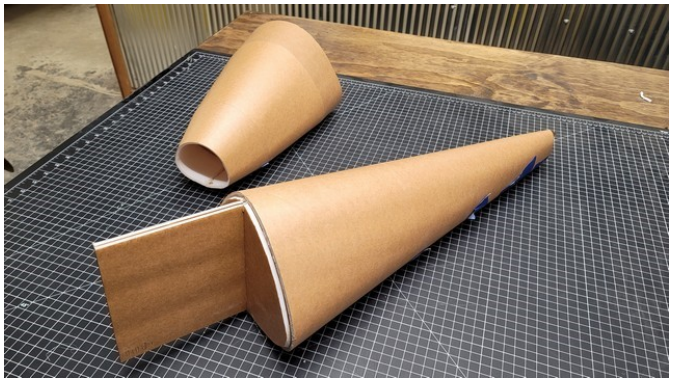


Using symbol mapping, build tail section and glue former F5 in place.

Using a razor, cut along dashed line and remove channel.



Test fit spline. If it is difficult going in, widen slot with a razor blade.

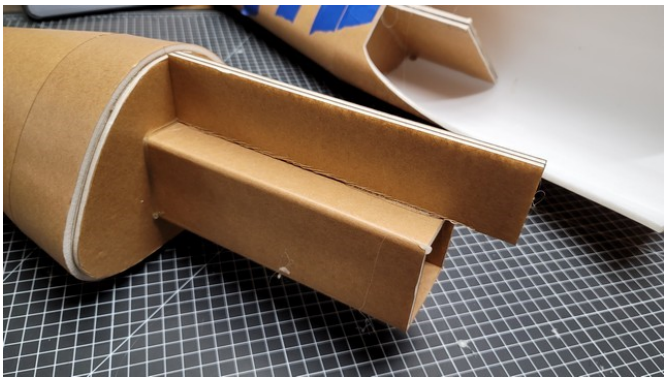


After test fit, pull spline out, add glue top and bottom of spline and reinsert.

Run bead of glue where spline and former meet.

Make sure tab is out.

Follow symbol mapping instructions and begin glue C6 skin in place.



Glue H1 spline to top of accy box down the middle.

H1 spline may need to be shortened slightly to allow skins C5 and C6 to fit properly. Once cut to length, glue C6 to former F4 following symbol mapping instructions. Be sure to add glue to top of H1 Spline.

Once skin is glued in place, scab a small piece of foam over the seam between H1 an H2 spline.

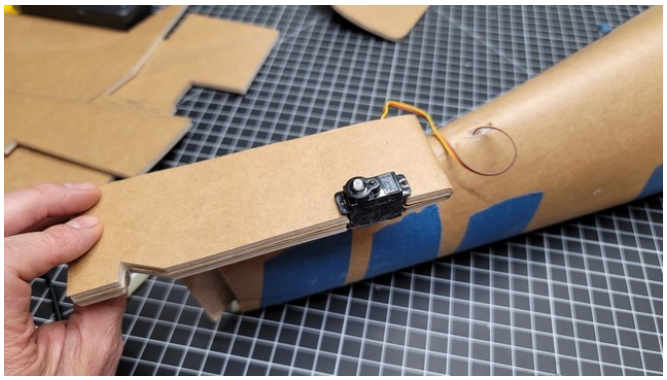
Layout parts for canopy.

Follow Symbol mapping instructions for assembly.

Test fit on fuselage. Once happy with fit, glue front and back.

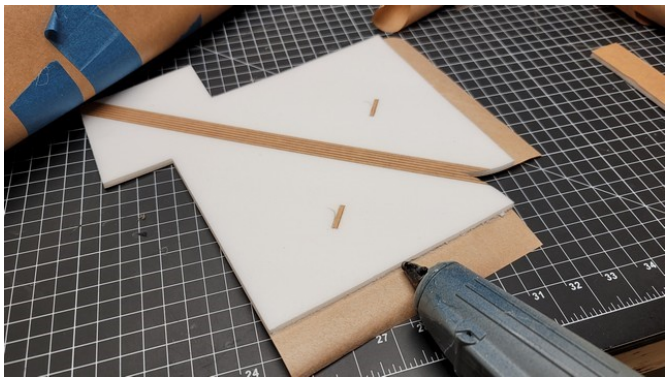
Using a razor, follow the edge of the canopy creating a line on the fuse.

Apply glue ABOVE line and gently squeeze canopy to fuselage to complete install.



Install servo as shown.

Glue small section of vertical stabilizer in place as shown. Follow symbol mapping instructions on vertical stabilizer.



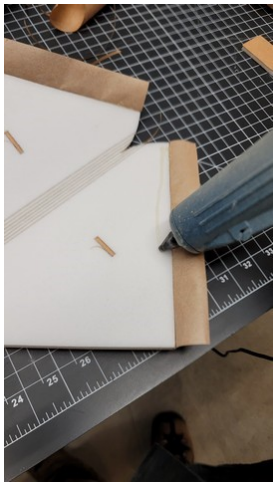
Add a bead of glue to edge foam a shown.

Stand foam on edge and allow glue to cool.

Fold paper flat to create tab, repeat on other side.

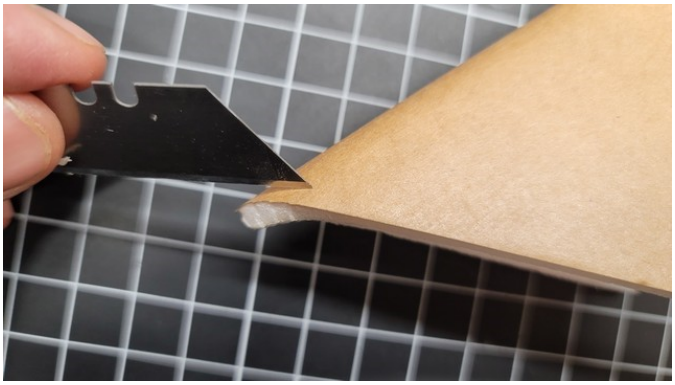
Fold vertical stabilizer in half as shown along scores.

Fold in half.

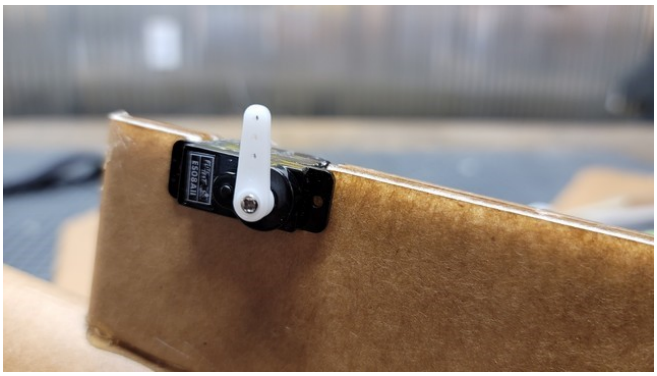


Apply glue along foam parallel to paper.

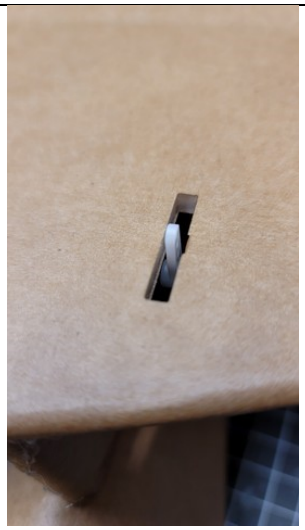
Glue paper tags together.



Trim any foam sticking down at tip.

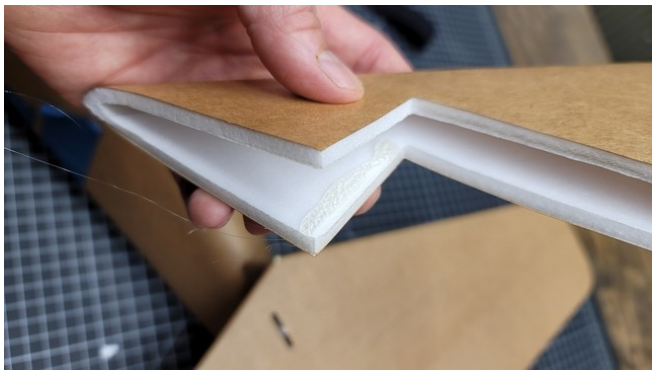


Install servo arm



Test fit horizontal stabilizer. Make sure servo arm has clearance.

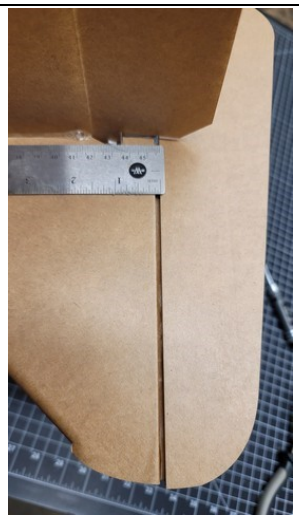
Glue horizontal stabilizer in place.



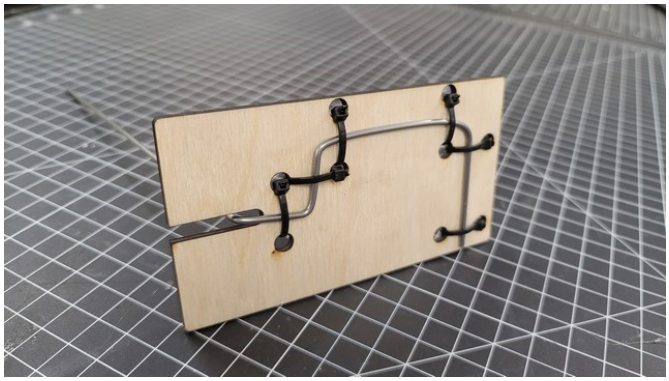
Apply glue to vertical stabilizer as shown.

Pinch and hold till glue dries. Glue vertical stabilizer in place.

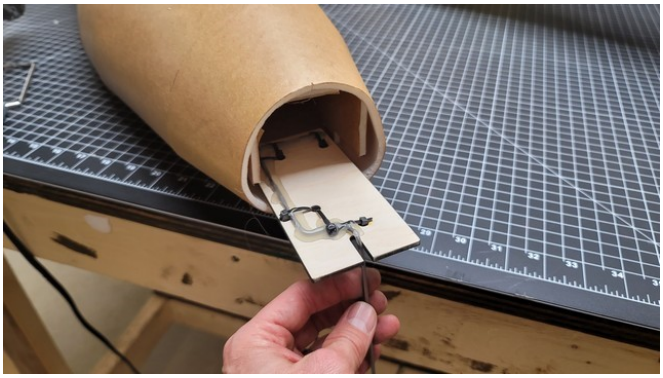
Glue on of the rudders in place as shown. (See spacing on next pic)



Leave 1/8” between vertical stabilizer and Rudder.

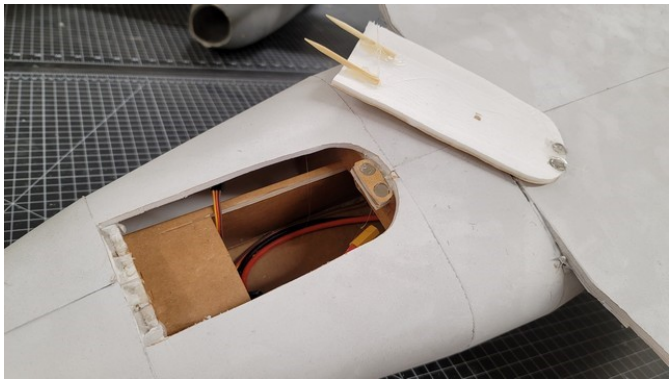


Bend nose gear as shown.



Install nose gear. Cut a notch in the 6 O’clock C3 skin about ½” back for the landing gear wire to pass thru.

Trace the accessory door to with a razor blade to create opening for battery.

 Add magnets to the back and skewers to the front.	Wing install, servo set up, finishing out nose and other minor steps are covered in the symbol mapping basics playlist.