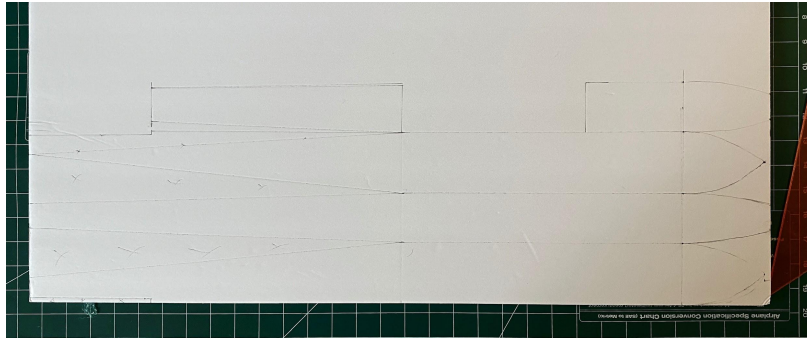
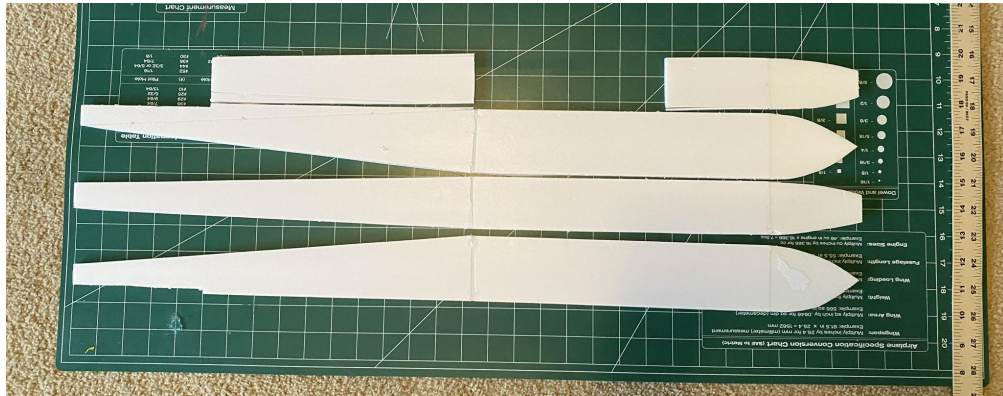


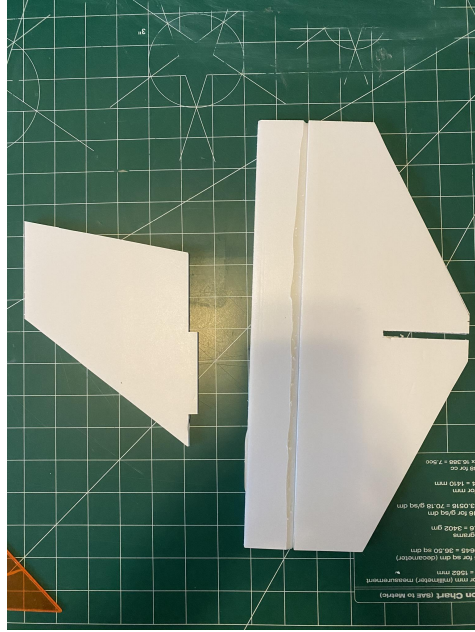
1. Cut out body panels and tail sections.
 - a. Locate corners of all cuts on foam board using a ruler. Connect corners with straight lines. Nose curves can be drawn freehand or by tracing plans printed to 100%.



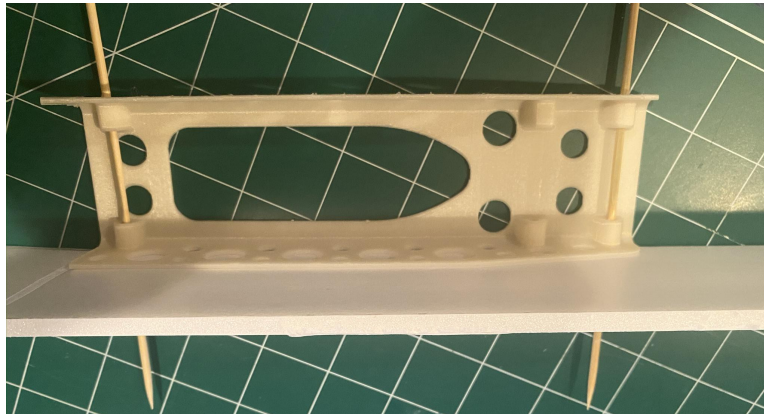
- b. Use a straight edge and razor blade to carefully cut through foam.



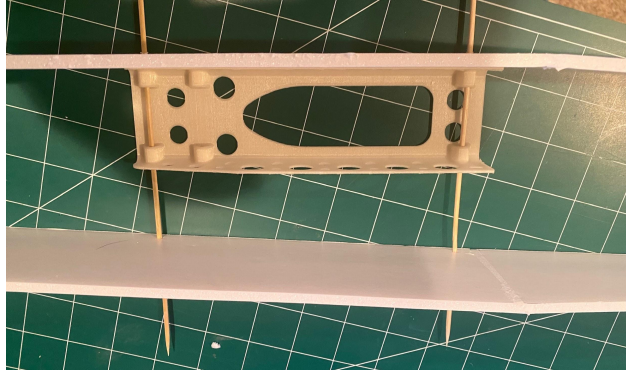
- c. Peel off areas of paper as directed in the plans (shown above).
 - d. Cut out tail stabilizer sections using the same technique: mark corner locations, connect with straight lines, and cut out using razor blade.
 - e. Partially cut through the elevator hinge line, and fold foam over to crack through remaining foam. Bevel edge as shown at a 45 degree angle through one layer of foam, taking care to not cut through the paper if possible.



- f. If paper is cut, cover the hinge area with tape. If desired, use tape or foamtac to reinforce hinge.
2. Glue body panels together.
 - a. Align back edge of plane chassis with edge of foam paper as shown. It's important that the foam and chassis are both flat on a flat surface, with the cutout for horizontal stabilizer facing down.



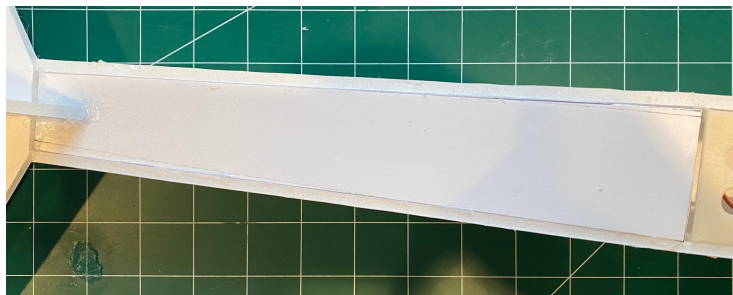
- b. Press BBQ skewer through the front and back side holes of the chassis.
- c. Separate parts and glue together (hot glue, foamtac or epoxy).
- d. Remove skewers, align the other side, and pass the skewers back through starting from the side with the holes already punched through.
- e. Separate parts, glue and press back together.



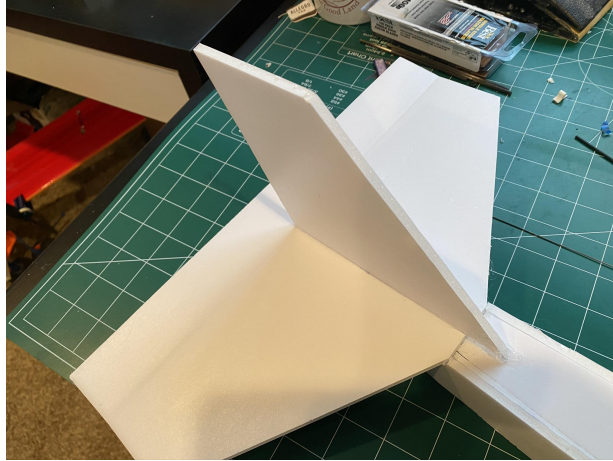
- f. Gently bend the side and bottom panel and test their fit.
- g. Apply glue to all sides and bond together. Foamtac or epoxy works great here, as it gives you a longer working life than hot glue.
- h. Add centering marks to the horizontal stabilizer and bond horizontal stabilizer in place, ensuring front and back are centered.



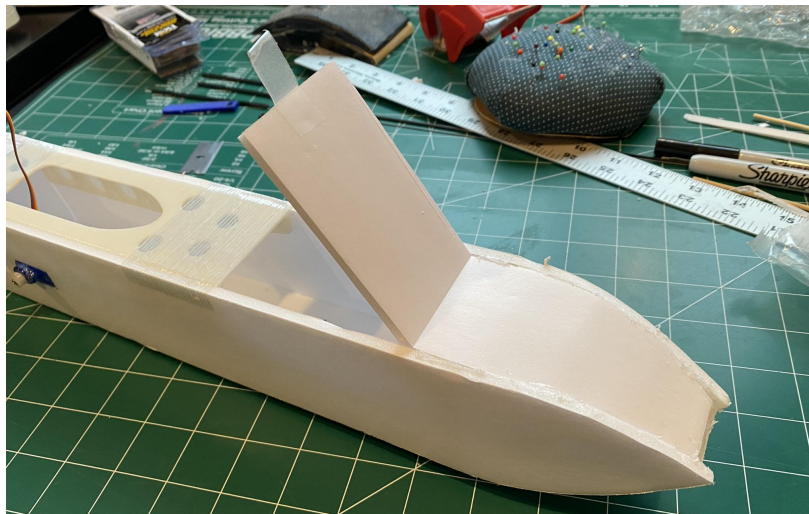
- i. Bond fuselage top section in place. If you plan to mount the servo internally, add servo and any control rods now. This will make it easier to mount the servo through the foamboard later.



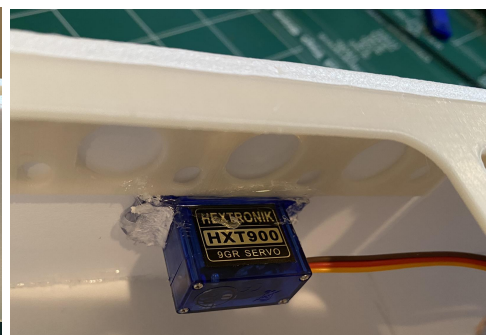
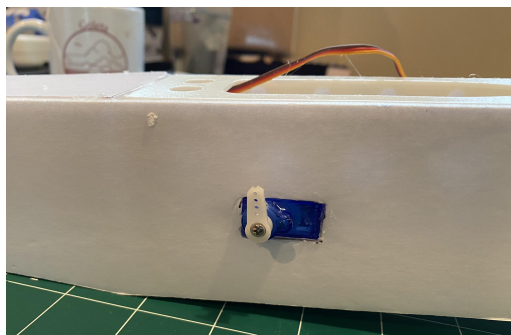
- j. Bond vertical stabilizer in place.



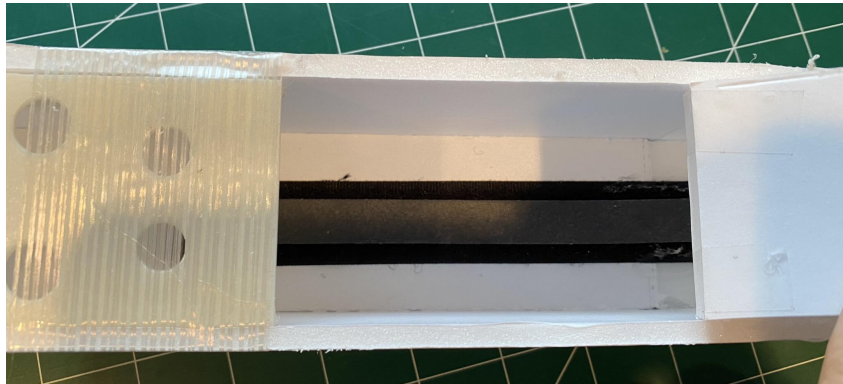
- k. Cut halfway through foam for the battery door hinge. Fold open and reinforce with tape as desired.
- l. Shape the top nose section and test fit with the assembly fuselage. Trim as needed. When it fits, bond in place.
- m. Add folded-over tape to the battery door as shown to make opening easier.



- n. Add external elevator servo. You can add a rudder servo too if desired. The many options for positioning include: closer to the tail; midway in the top section; or on the side under the wing.



- o. Add battery velcro. Here I placed a layer of tape over the center of the velcro to make it easier to remove the battery, as the velcro is often stronger than the bond between foam board and paper.



- p. Cut slot and bond elevator control arm in place. Connect the control rod between the linkage and the servo arm. For thin wire and a long span, add guides to keep the wire from bowing under compression.

3. Finishing Touches

- a. Optional: use small magnets for access door latch.



- b. Connect elevator servo to elevator control arm.



- c. Optional: connect rudder to servo.
- d. Pass ~4.5" 3mm CF tube or bamboo skewer through front and back fuselage chassis holes.