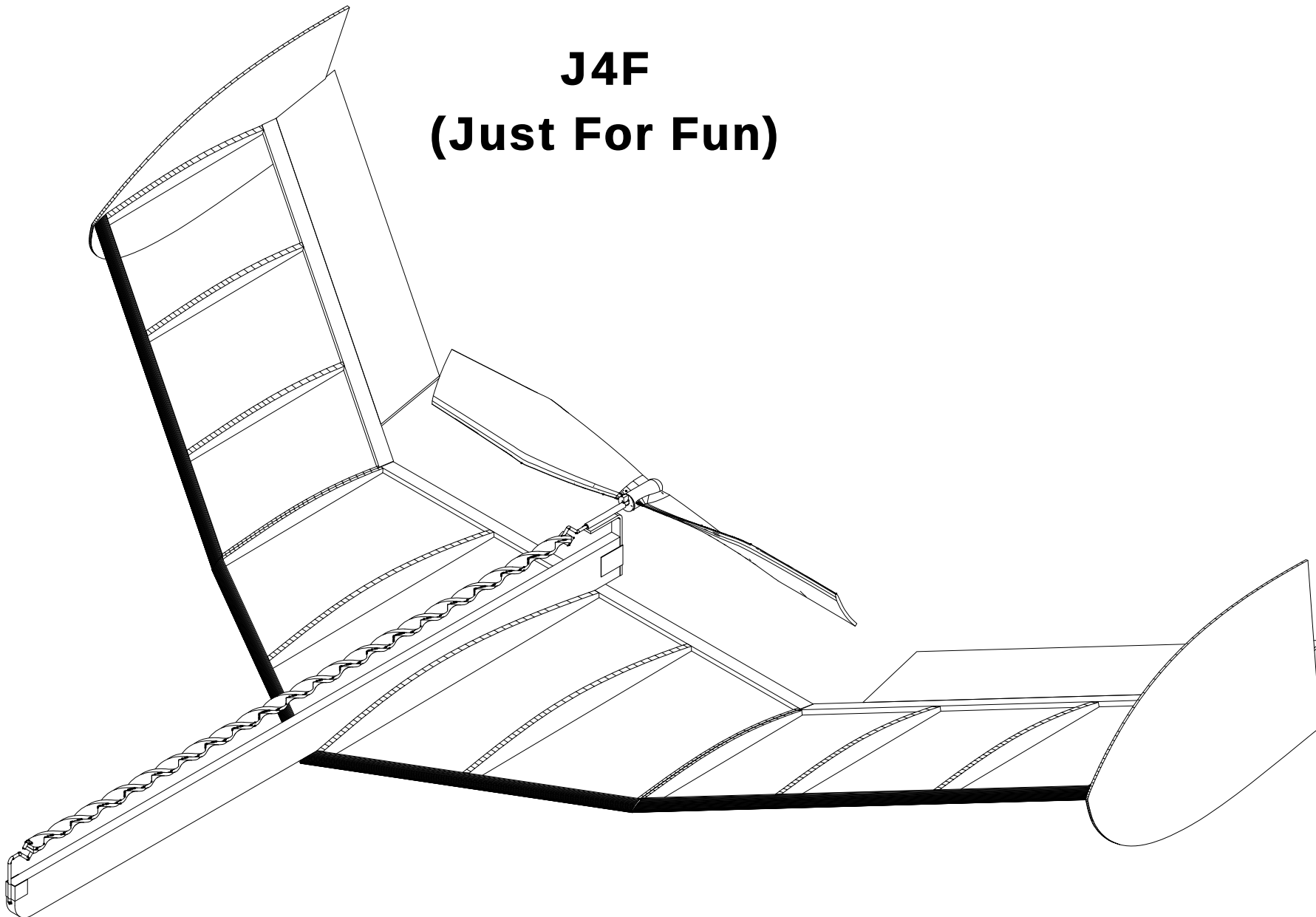


J4F

(Just For Fun)



Designed by
Hank Sperzel

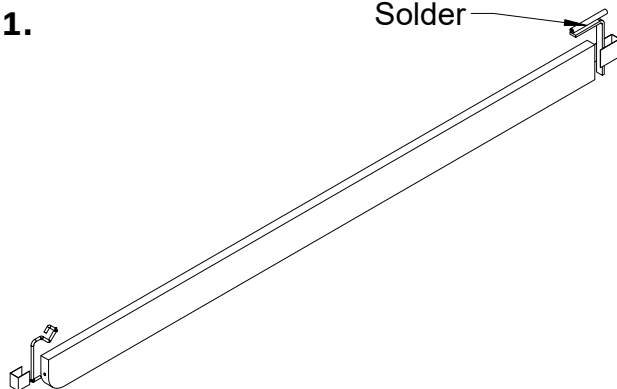
ASSEMBLY GUIDE

April 2022

Build Plan by
Paul Bradley

1.

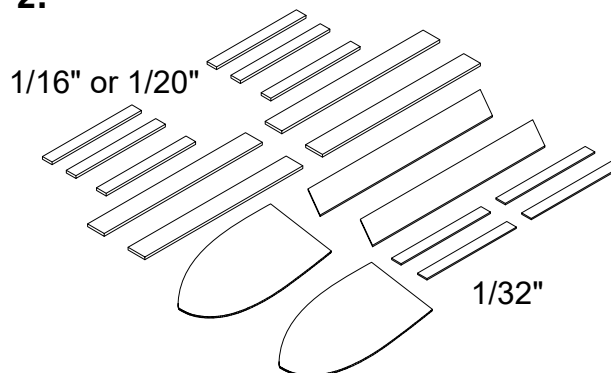
Solder



Make up the fuselage from a piece of 1/8" x 1/2" x 8" balsa. The rear prop bearing is made from a length of 1/16" brass tubing and a 3/32" wide strip of 1/32" brass. Reinforce the attachments with silk or something similar.

2.

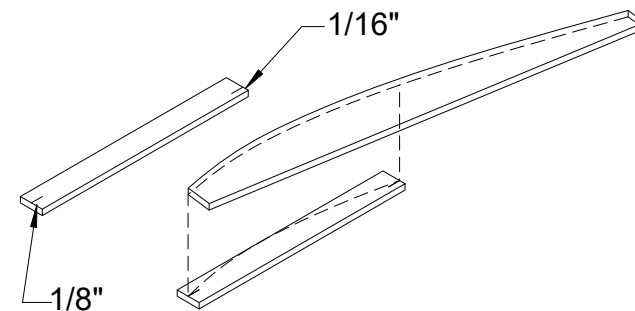
1/16" or 1/20"



Cut the wing tip fins and elevons from 1/32" balsa using the plan templates. Also cut four rib blanks from 1/32" balsa and ten blanks from 1/16" or 1/20" balsa.

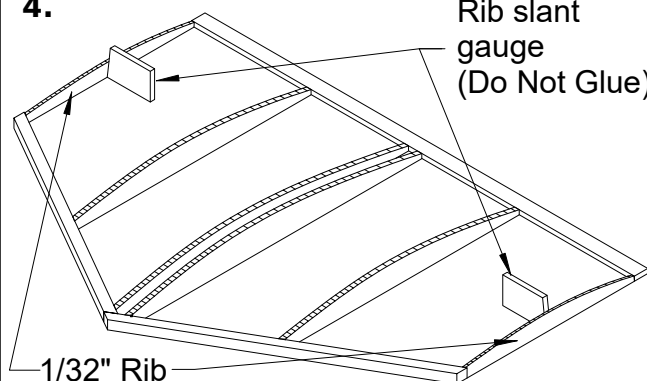
3.

1/16"



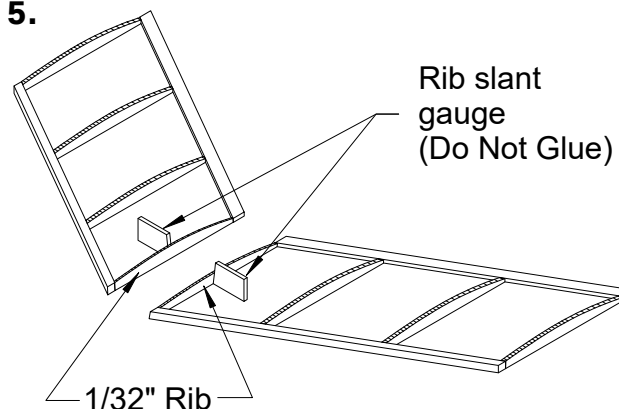
When assembling the wing, the rib blanks are first cut to length. Once cut to length mark the leading edge 1/8" and the trailing edge 1/16" from the bottom. Place the rib top profile template on the LE and TE marks as shown. Cut the top rib profile using the template.

4.

Rib slant gauge
(Do Not Glue)

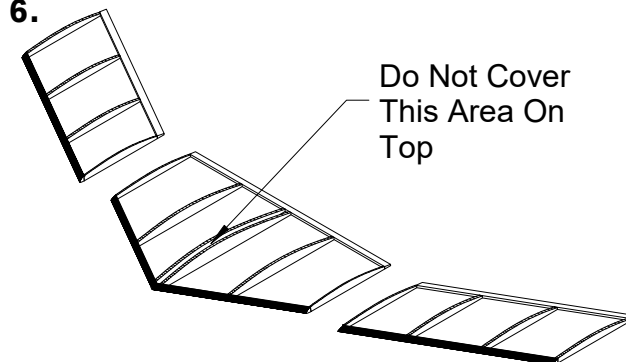
Assemble the wing center section over the plan. Once the glue is dry, remove the wing center section from the plan and shape the leading and trailing edges.

5.

Rib slant gauge
(Do Not Glue)

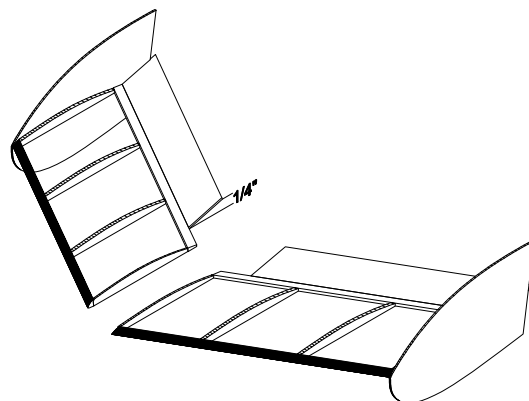
Build the two outer wing panels over the plan. When the glue is dry remove them and shape the leading and trailing edges.

6.

Do Not Cover
This Area On
Top

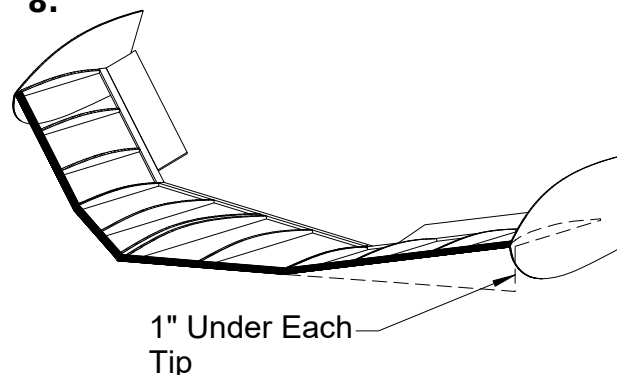
Cover the top and bottom of each wing section. Do not cover the gap between the center ribs of the wing center section. (Covering not shown in this and subsequent illustrations)

7.



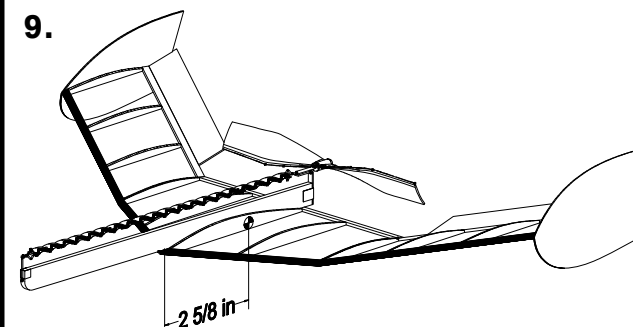
Glue the elevons to the outer wing panels. Make sure there is 1/4" under the trailing edge of each elevon when the wing panels are flat on the building surface. Also glue the tip fins to each wing panel.

8.



Glue the wing panels together. Make sure there is 1" dihedral under each tip.

9.



With a prop and rubber motor installed on the fuselage, place the fuselage in the slot formed by the two wing center ribs. Slide the fuselage fore and aft to achieve the CG location called out on the plan. When the CG is set, glue the wing to the fuselage.