

NANOWING - KFr

by RedTwenty

Specs:

Span: 600mm

Construction: Foam board, G10

Target AUW: 380g

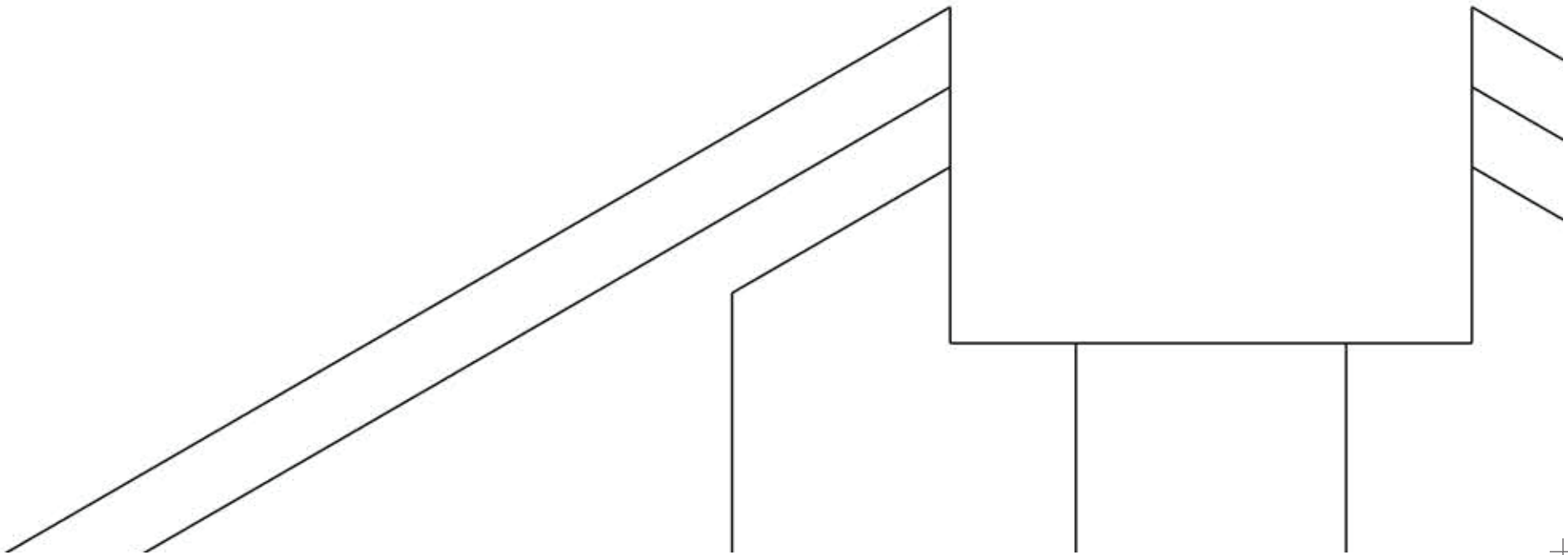
Motor: 2204/2300

ESC: 18-20A BEC

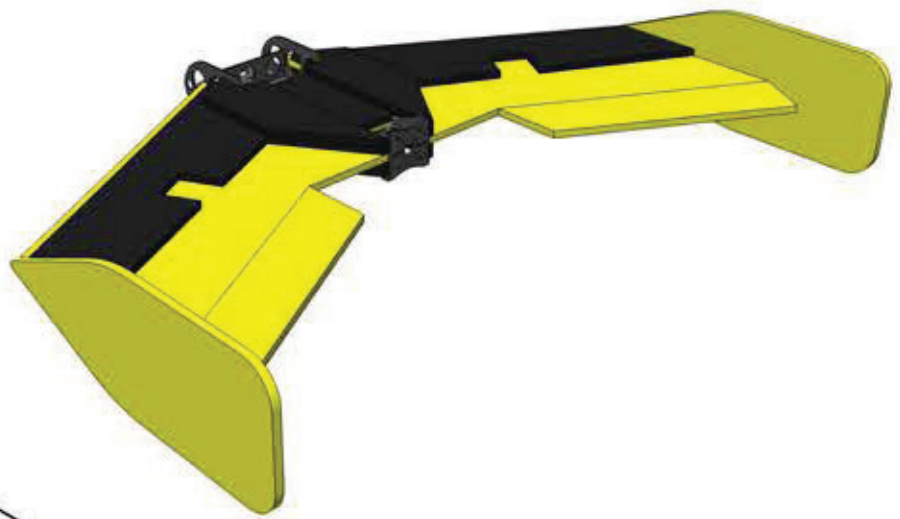
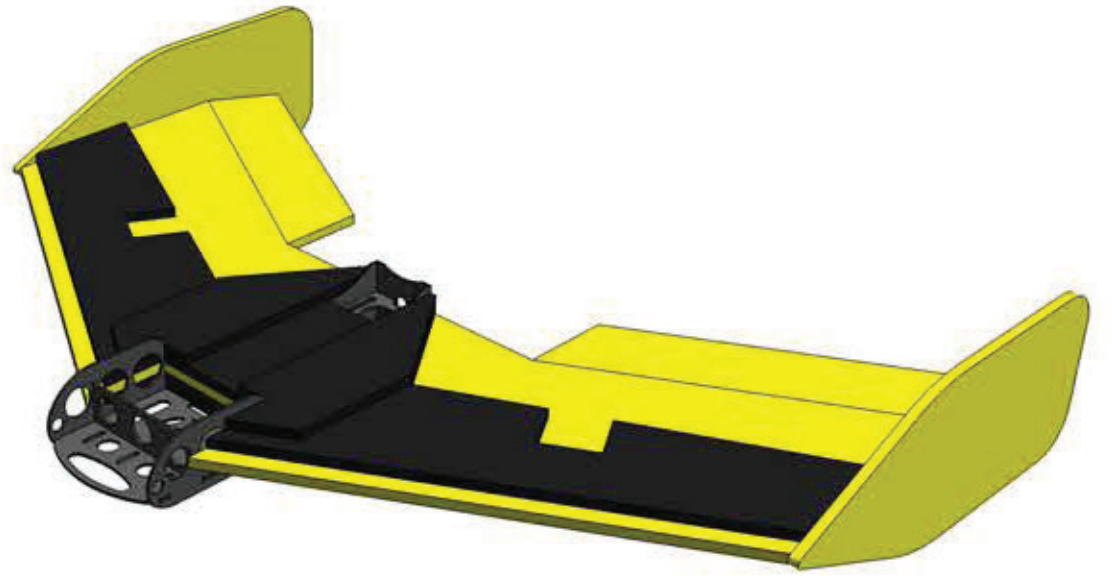
Prop: 5045/6045

LiPo: 1000-1300mah 3S/4S

n4 FPV Race Wing



3



Mid part

CG: 120mm from point of wing

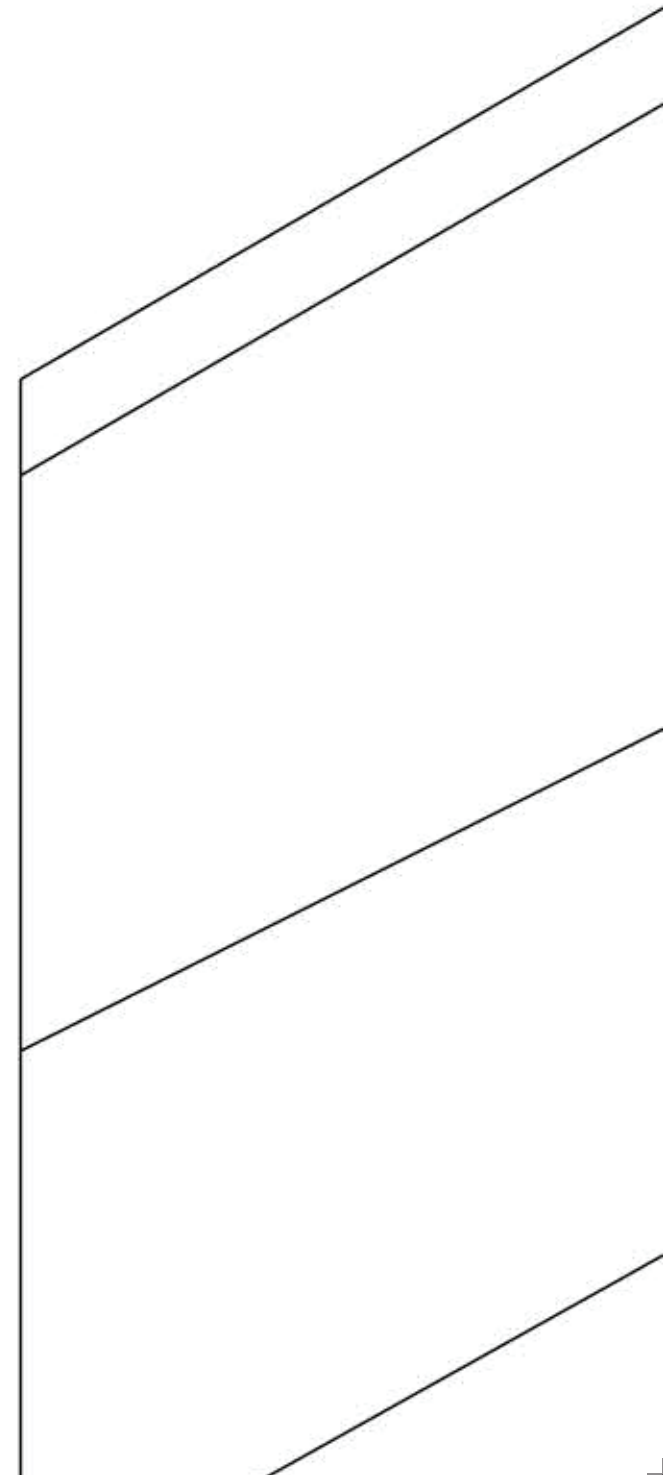
Build notes:

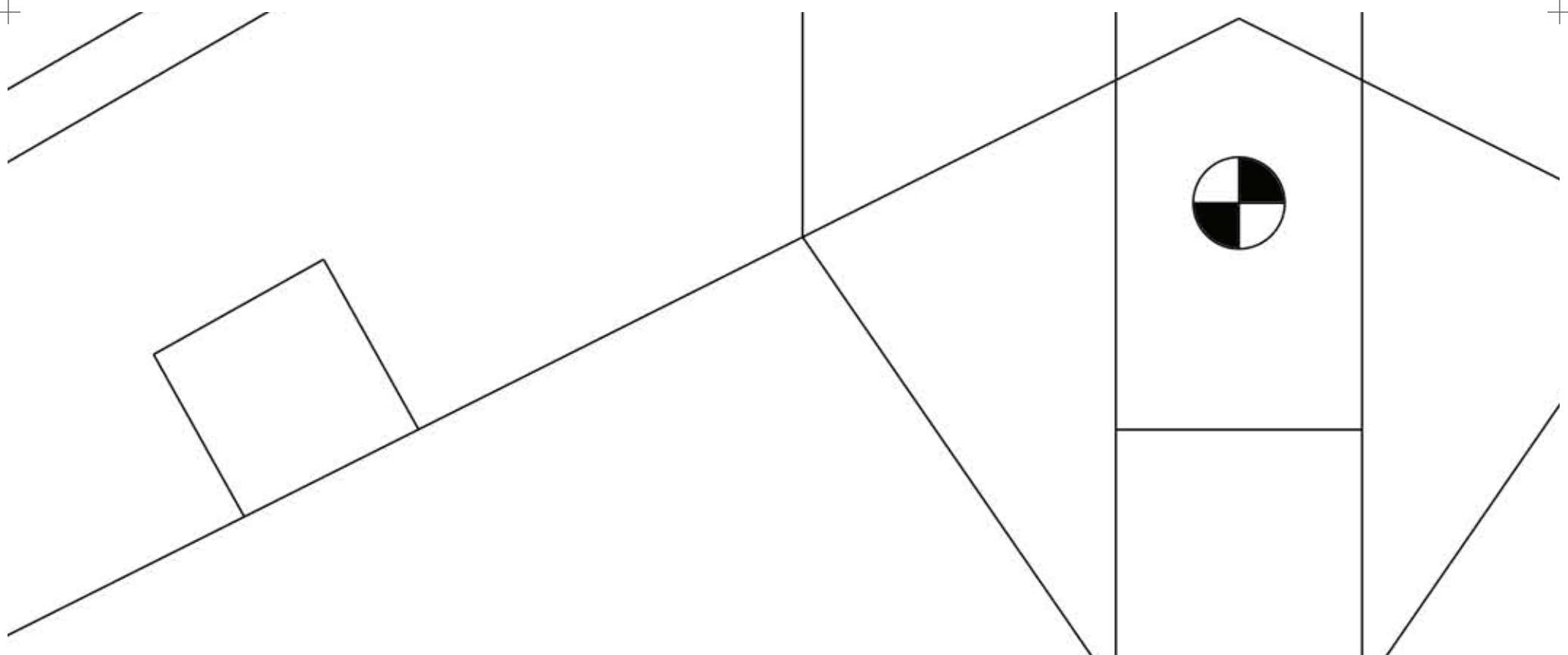
This is a fully symmetrical Kfm4 wing so you will need to cut 2 sets of the outer panels and 1 of the center panel.

Use strips of Depron foam to fill the leading edge step and sand to a round profile.

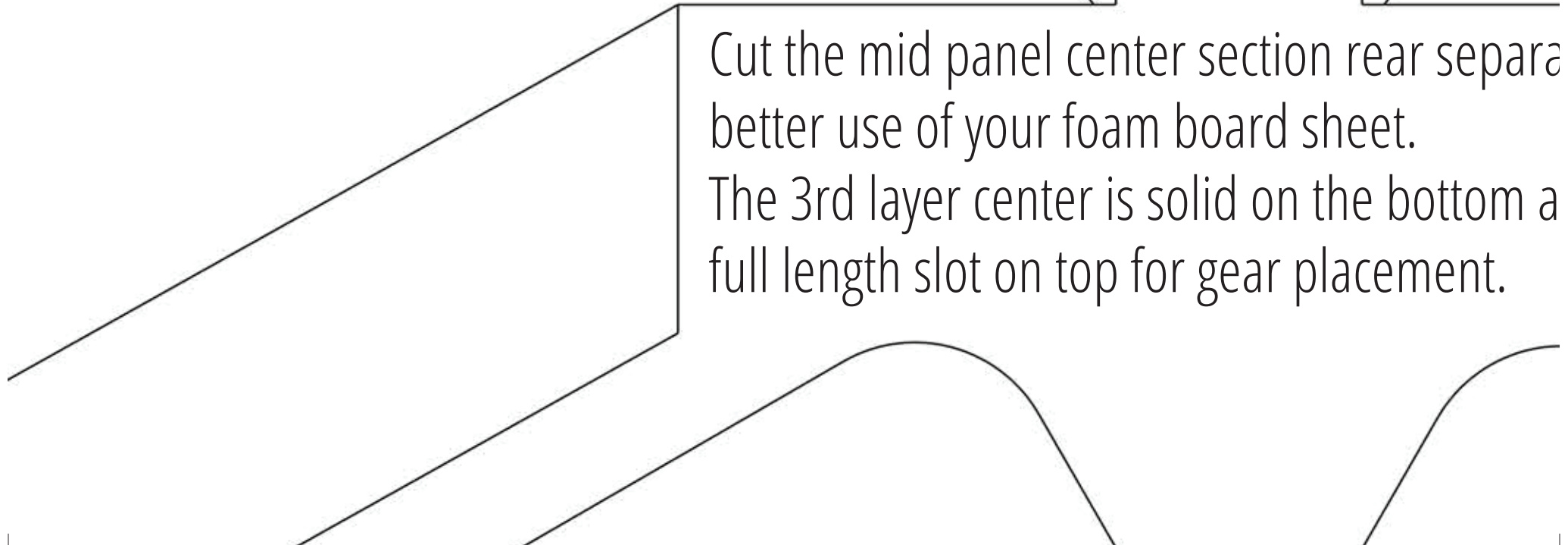
The prototype was covered using colored packing tape with reinforced tape around the leading edge.

Cut slots for RC/FPV gear once the wing is built (preferred servo locations shown on plan)





Cut the mid panel center section rear separate for better use of your foam board sheet.
The 3rd layer center is solid on the bottom and has a full length slot on top for gear placement.

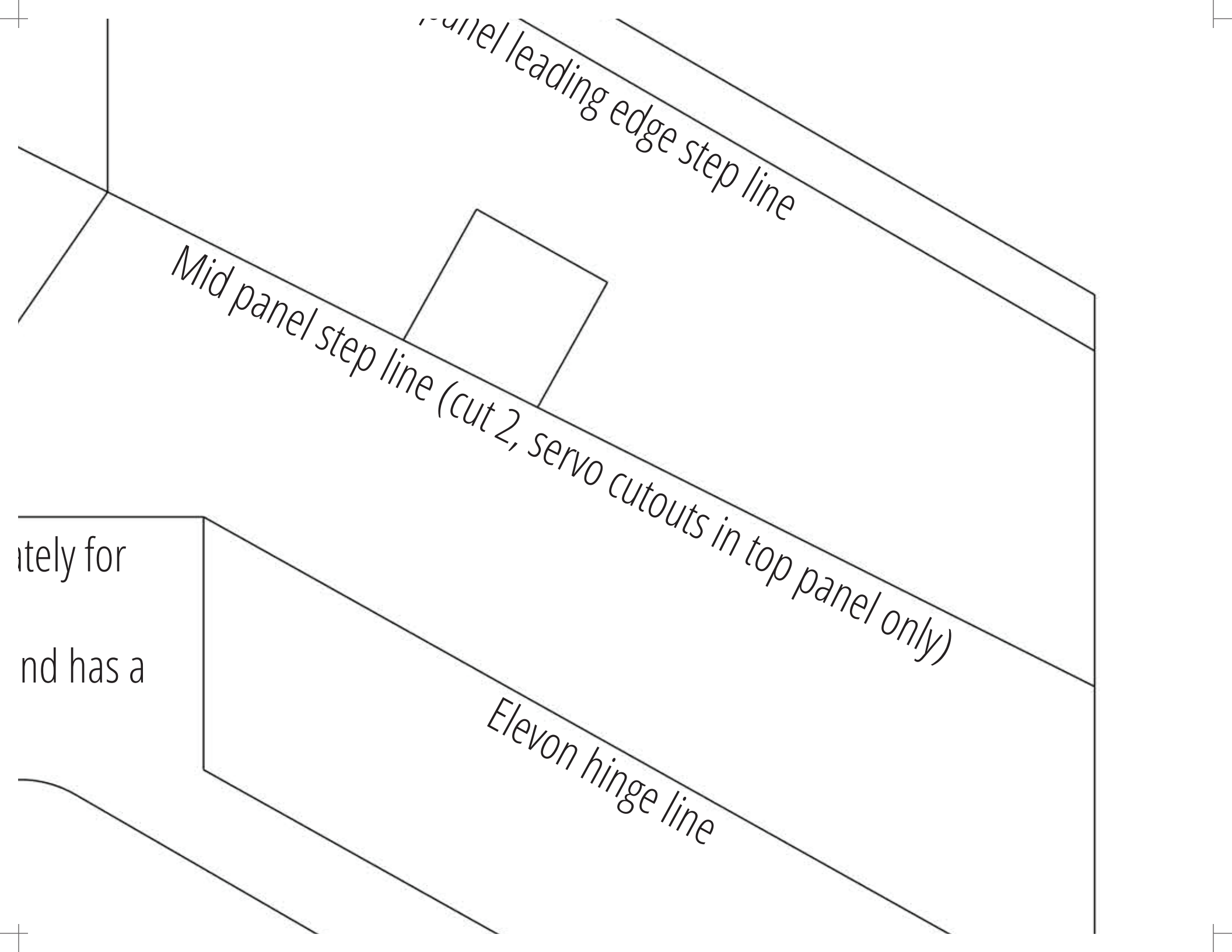


Panel leading edge step line

Mid panel step line (cut 2, servo cutouts in top panel only)

Elevon hinge line

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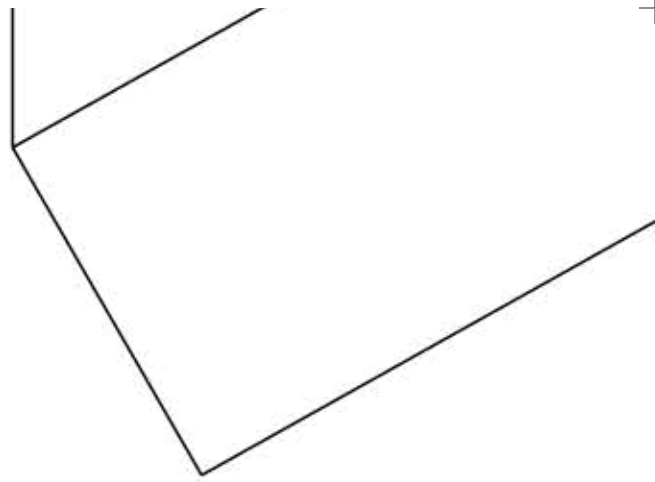


Scale



10mm 50mm

100mm





Winglet

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More information and great wing designs can be found at www.red20rc.com.au

Winglet



Red2ORC

for the pilot