

F3  
3mm depron



100mm



3mm depth

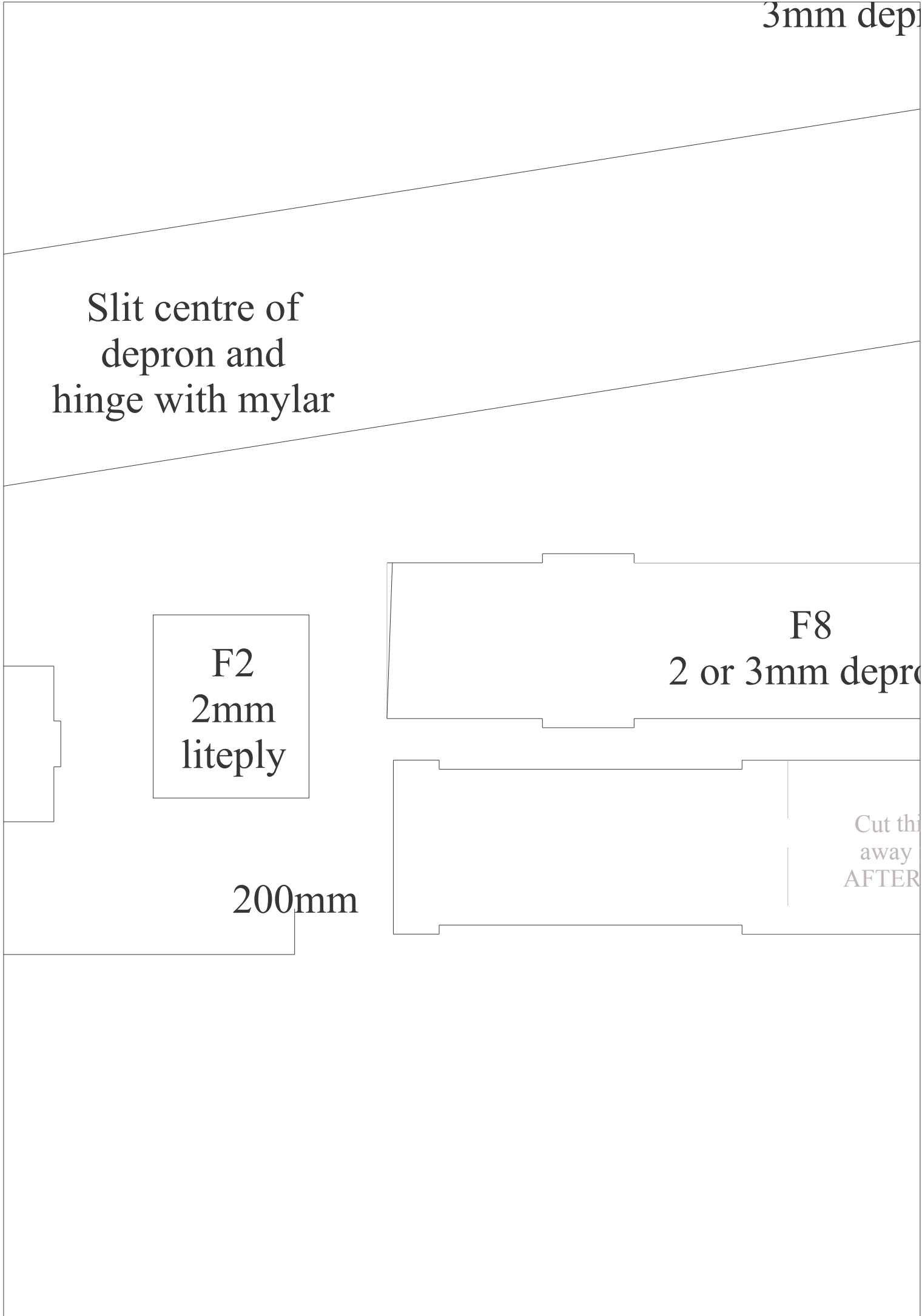
Slit centre of  
depron and  
hinge with mylar

F2  
2mm  
liteply

F8  
2 or 3mm depth

200mm

Cut this  
away  
AFTER



ron

Ailerons  
3mm depron

on

Score under  
here

is section  
for wing  
assembly

F7  
2 or 3mm depron



erside



The image shows a technical drawing of a tailplane. The main component is a large, irregularly shaped polygon with a vertical slot cut through its center. The text 'Tailplane' and '3mm depron' is centered within this polygon. To the left of the main polygon, there are three smaller, vertically oriented trapezoidal shapes. To the right, there is a partial view of another component, showing a trapezoidal shape with a notch at its top and a small rectangular protrusion at its bottom. The entire drawing is enclosed in a thin black border.

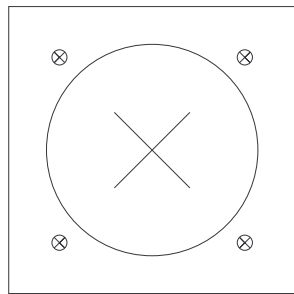
Tailplane  
3mm depron

3  
de

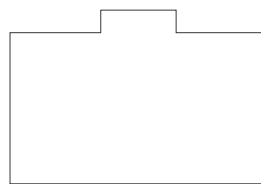
on  
bottom  
wing

Glue win  
Glue bot  
Thread o

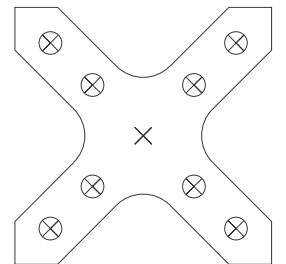
F1  
1/16  
hard ply



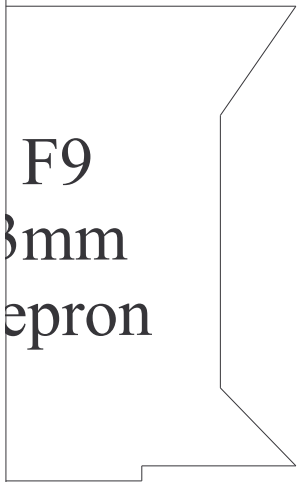
F6  
3mm depron



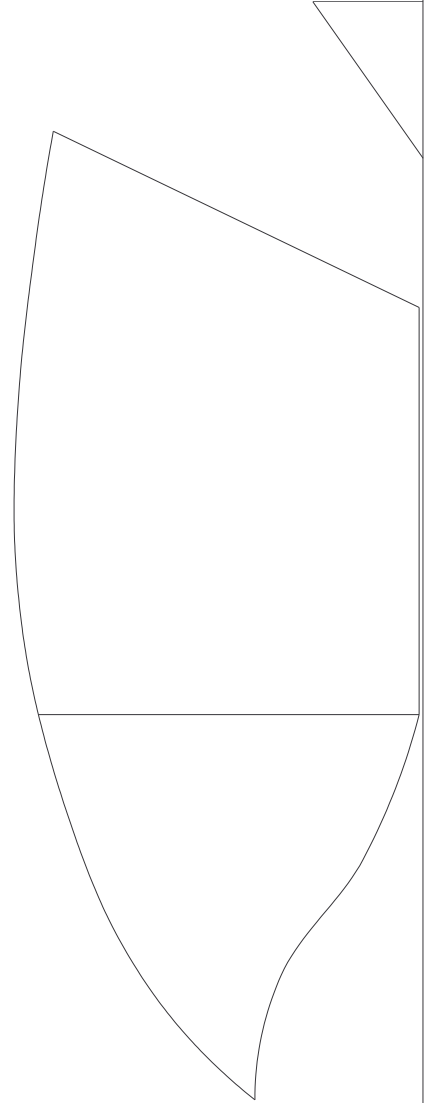
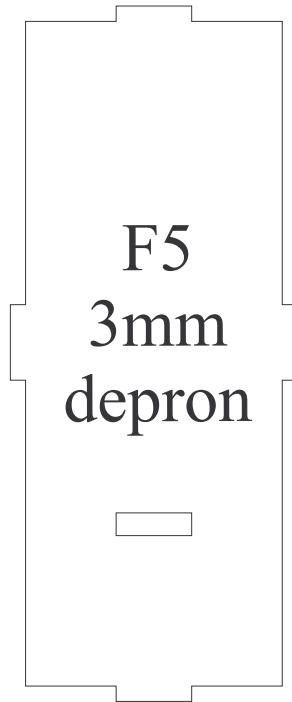
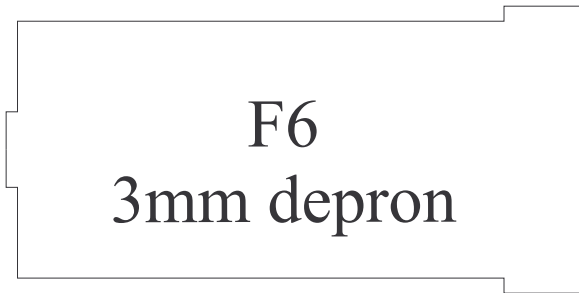
Breakaway  
plate  
1/32x2 ply



F9  
3mm  
depron



ing spars to top and bottom of both wings.  
h together with F10's.  
ver fuz and hold on with rubber bands.





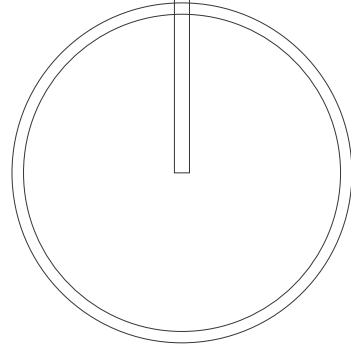
**F10**  
**3mm**  
**depron**



F3

Four 3mm  
skewers brace  
F1 inside fuz

1.2mm wire  
under-carriag



F4

F6

Control movements:  
Max possible!  
(with 40-60% exponential)

Wings bo  
one piec

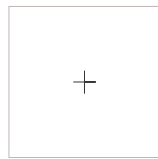
F7

Sides  
2 or 3mm depron

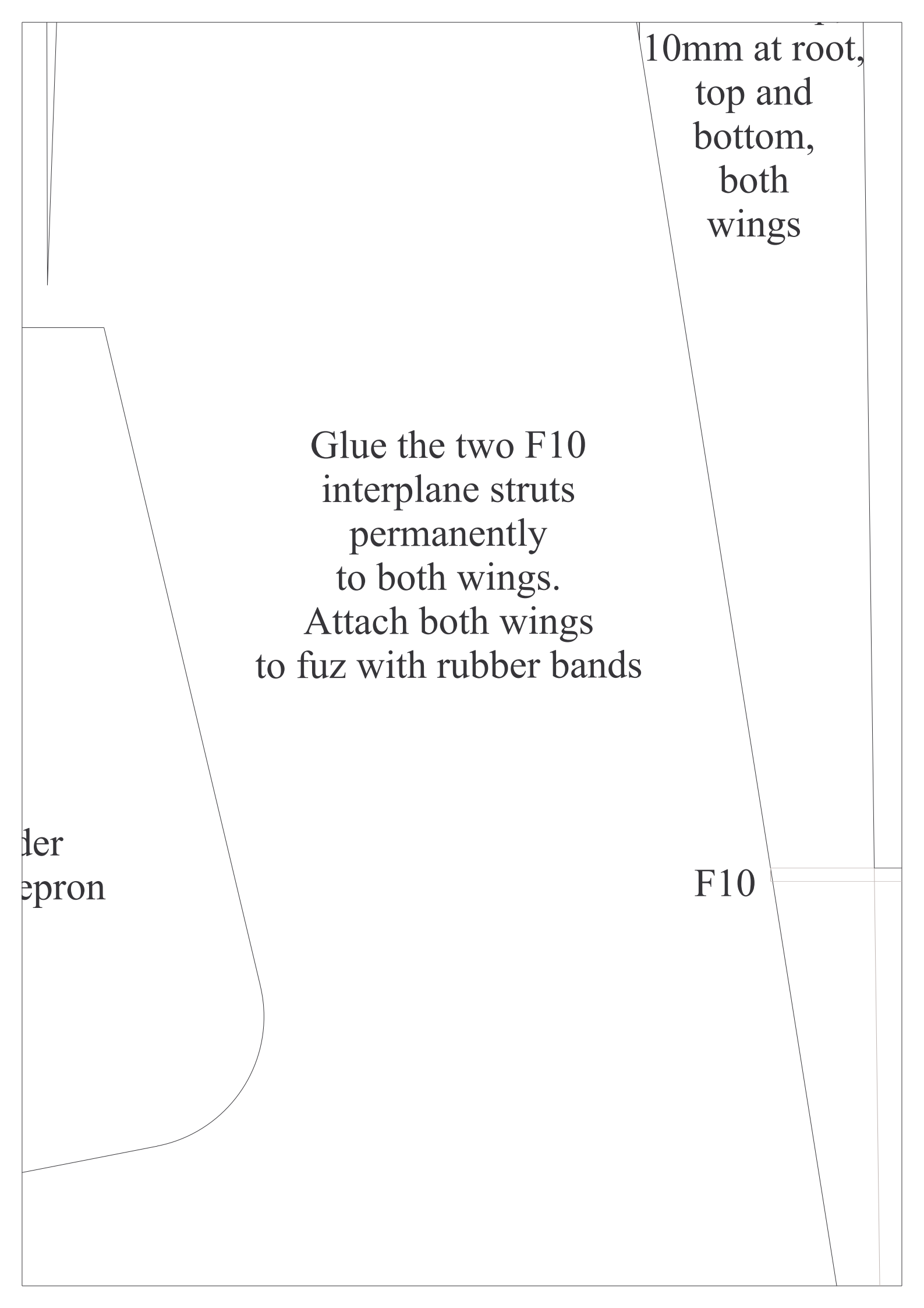


oth  
ce

1/64" ply outside  
each side



Rudd  
3mm de

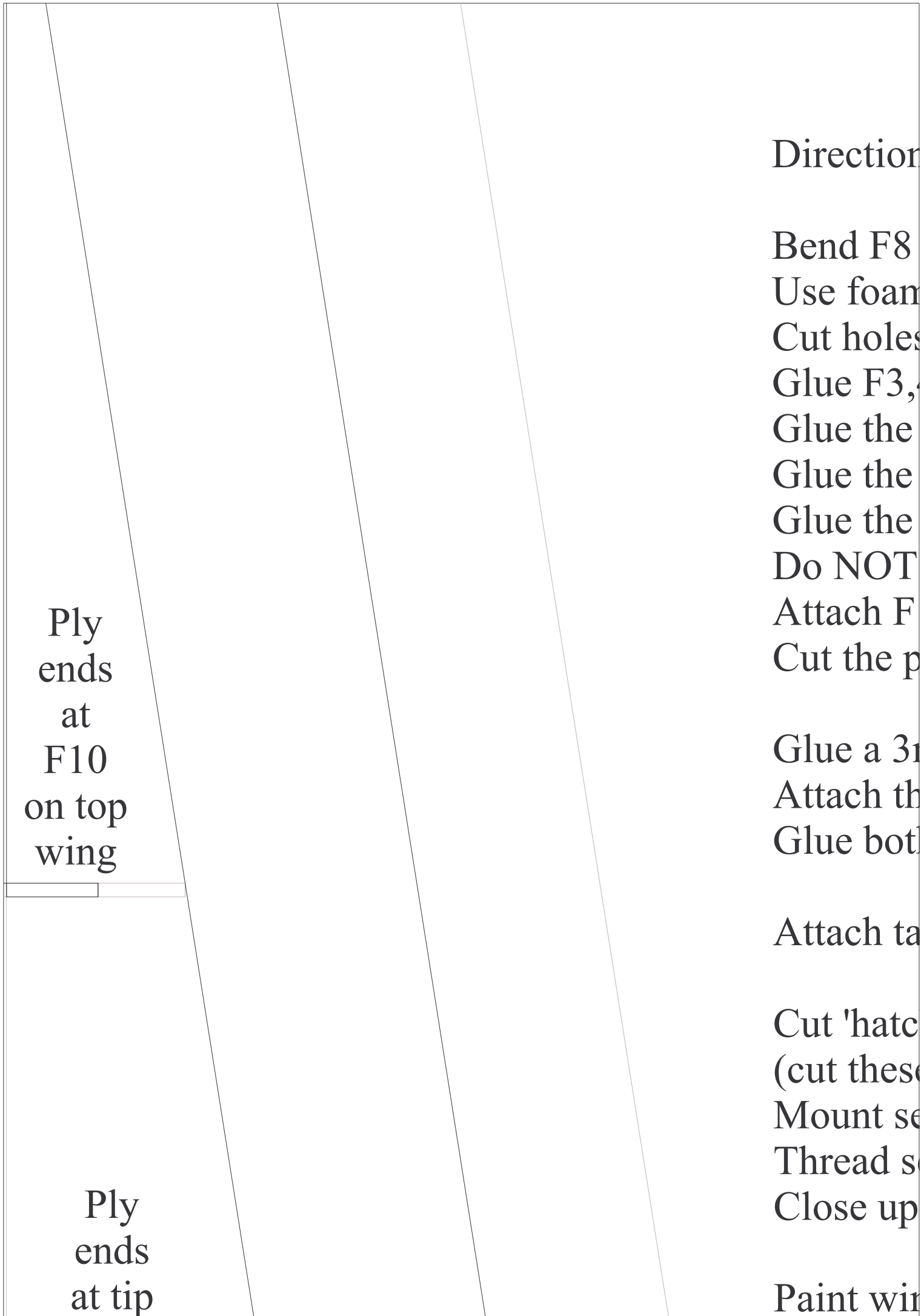


10mm at root,  
top and  
bottom,  
both  
wings

Glue the two F10  
interplane struts  
permanently  
to both wings.  
Attach both wings  
to fuz with rubber bands

der  
epron

F10



Direction

Bend F8

Use foam

Cut holes

Glue F3,

Glue the

Glue the

Glue the

Do NOT

Attach F

Cut the p

Glue a 3r

Attach th

Glue bot

Attach ta

Cut 'hate

(cut these

Mount se

Thread s

Close up

Paint wir

Ply  
ends  
at  
F10  
on top  
wing

Ply  
ends  
at tip

IS:

(top) to follow outside of fuz.

n-friendly Cyano and accelerator for most joins.

s in F3 and F6 to match your servos.

4,5,6,7,8 together.

parallel portion to one side then the other.

spacer between tailplane halves to one side.

rear tapering portions of F7/8 to both sides.

glue the trailing edge of the fin now (wait until you have  
1 and F2 and the four internal supporting skewers (in each  
portion of F7 away where the bottom wing goes.

mm skewer to the inside of one F9.

the other F9 to the skewer at the correct angle to match the  
the F9's to the top of the fuz.

tailplane and hinge rudder.

h' in one side for elevator servo and another in F7 for rudder  
at an angle/bevel so that they are easy to glue back in place  
servos, work out where closed loop wires will exit and mark  
servo leads to somewhere central (eg: bottom wing opening  
servo access hatches.

ing spars to match colour of your depron (eg: white) - this

hollow  
carbon  
joiner/  
pivot  
through  
brass  
tube

ge the rudder).  
ch corner).

ne width of the fuz.

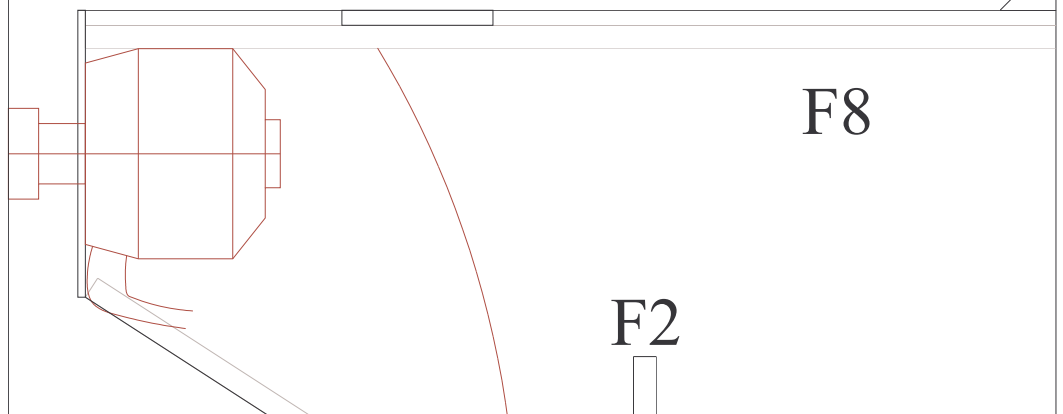
udder servo  
place later).  
ake holes in fuz.  
ing).

is is messy if done later.



The two F9 cabane struts  
mount near the sides of the fuz  
and angle in to join in the middle  
(effectively they are an 'A' frame)

F1



F8

F2

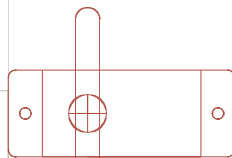
F9



Servos all  
inside fuz  
(6-9g servos)

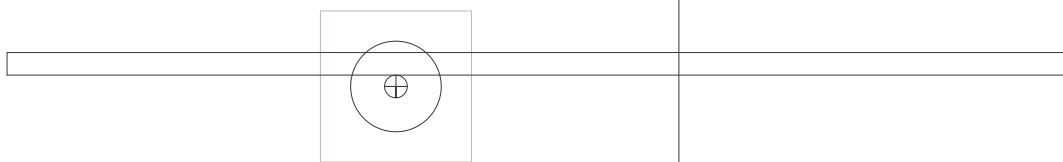
F5

3x340 LiPol  
pack





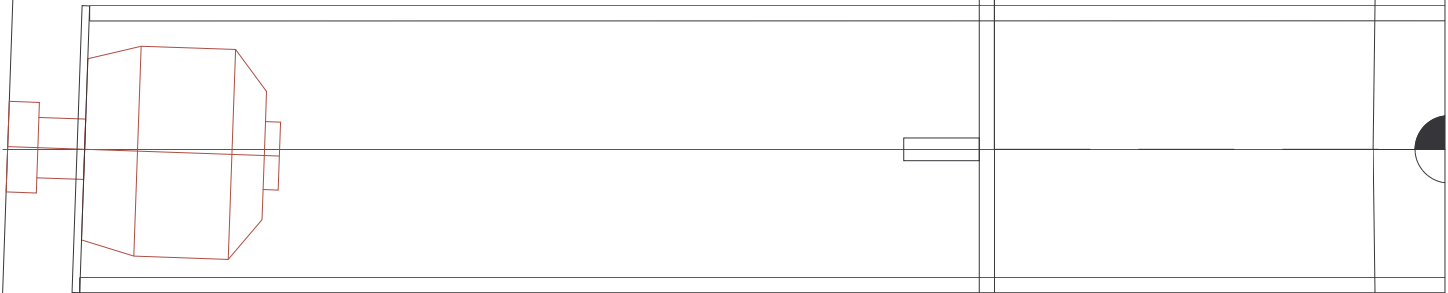
Depron spacer  
between sides



Axi 2208/34 motor  
APC 9x3.8 Slofly prop

2mm  
carbon  
leading  
edge

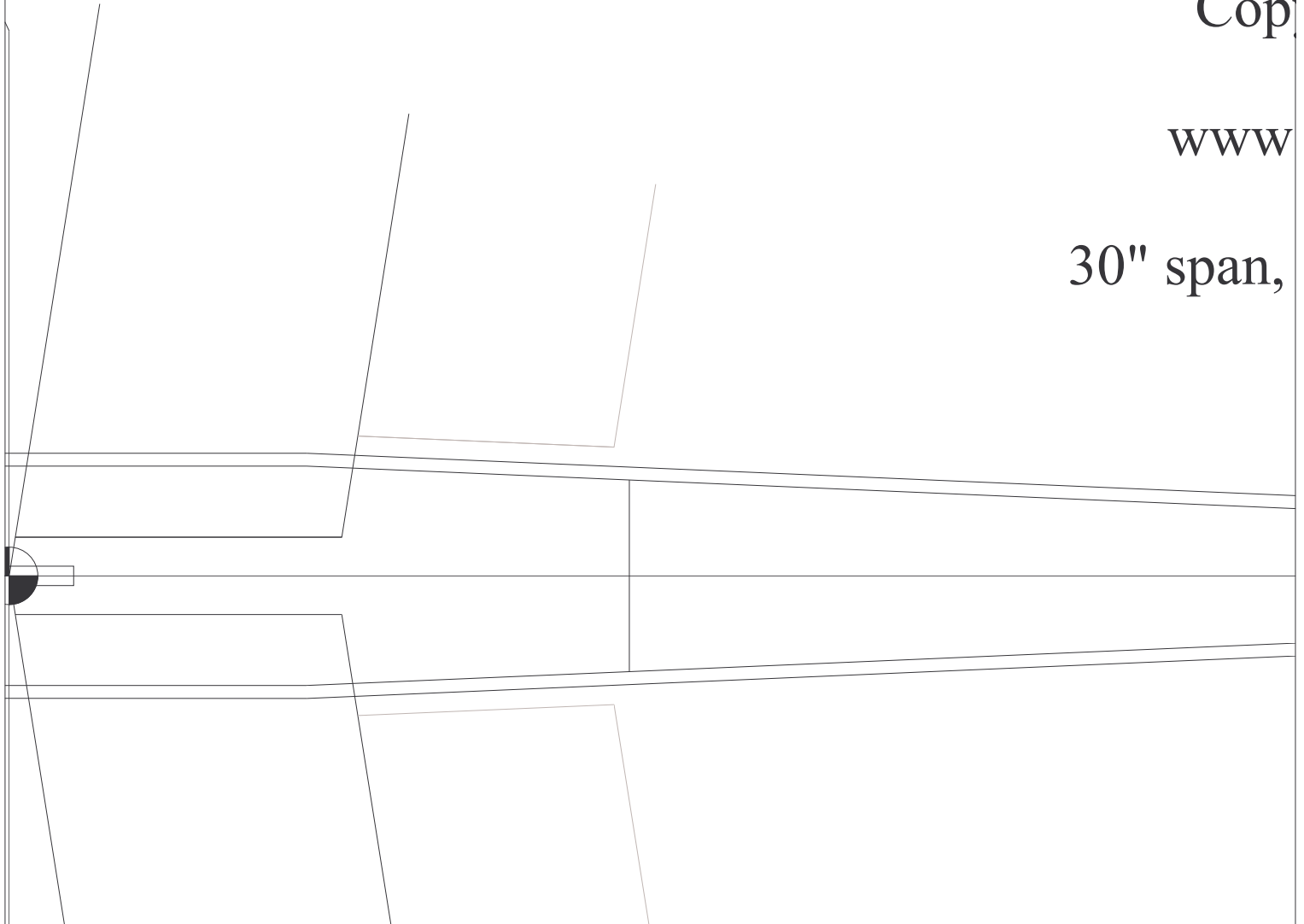
Spars:  
1/64 ply,  
5mm at tip,



Cop

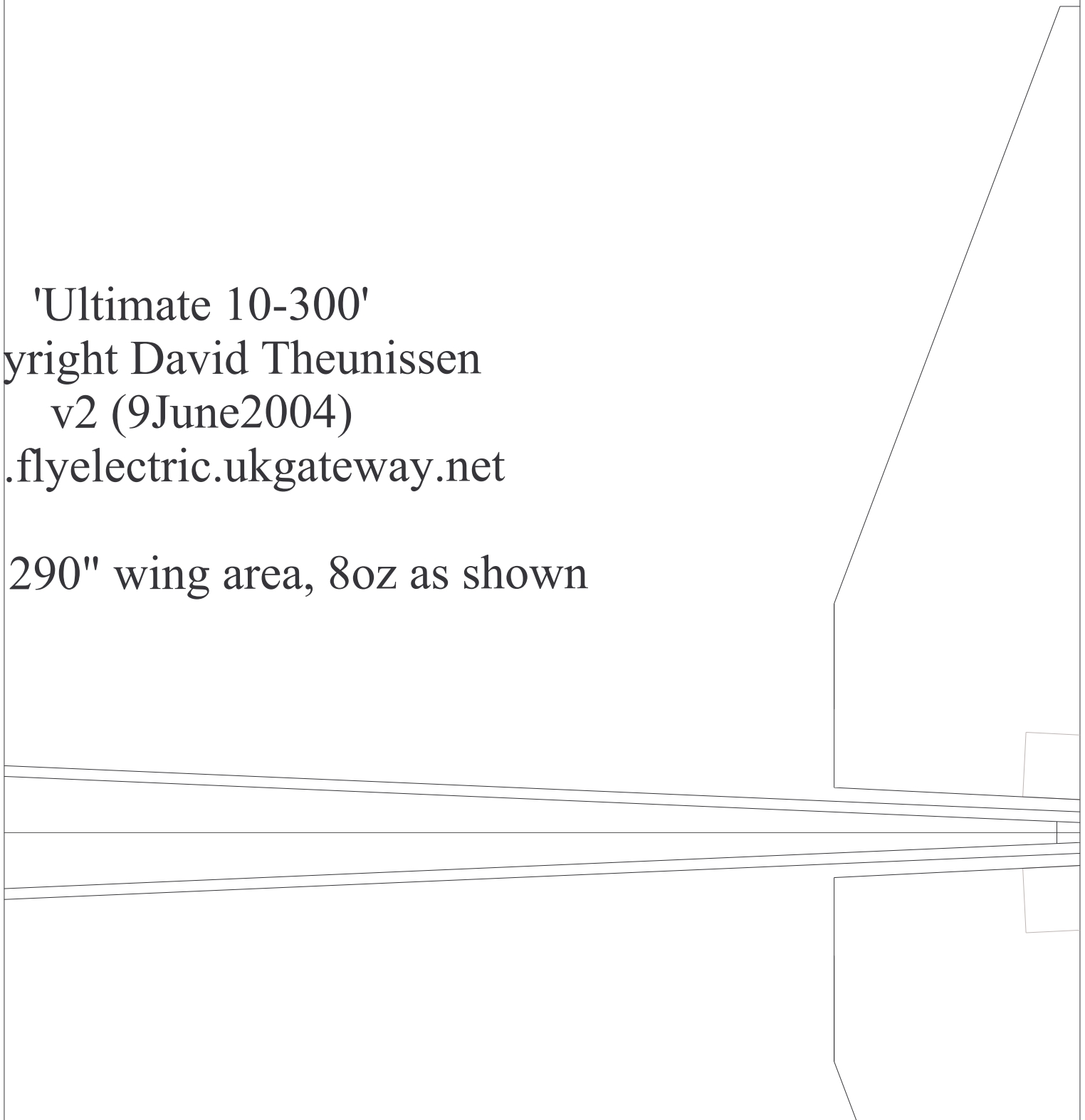
www

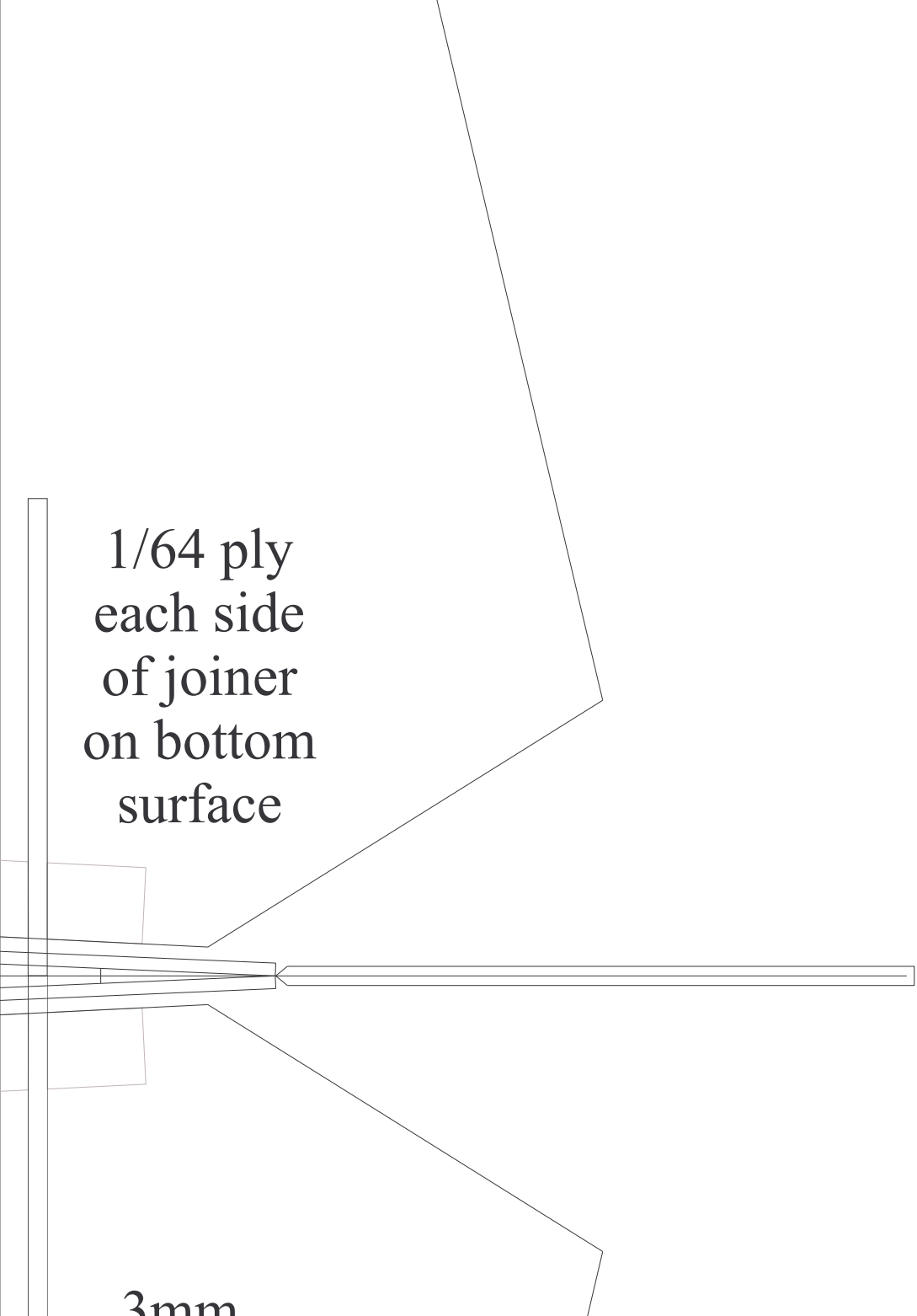
30" span,



'Ultimate 10-300'  
Copyright David Theunissen  
v2 (9 June 2004)  
[.flyelectric.ukgateway.net](http://flyelectric.ukgateway.net)

290" wing area, 8oz as shown





1/64 ply  
each side  
of joiner  
on bottom  
surface

The diagram shows a technical drawing of a tapered mechanical component. A horizontal shaft is inserted into a hole that tapers from left to right. A vertical rod is positioned to the left of the shaft. The text '1/64 ply each side of joiner on bottom surface' is located in the upper left quadrant of the drawing area.

3mm