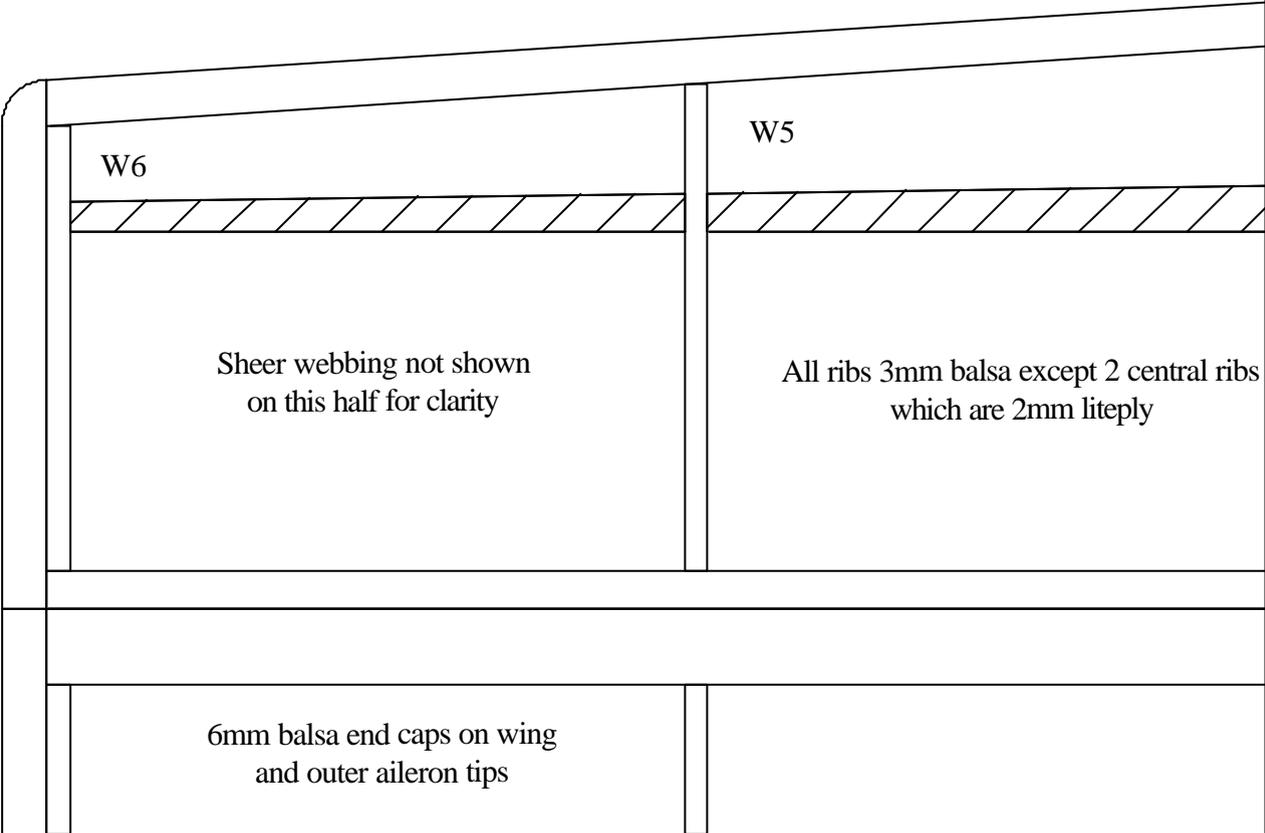


F7
1/64" p

100mm reference line



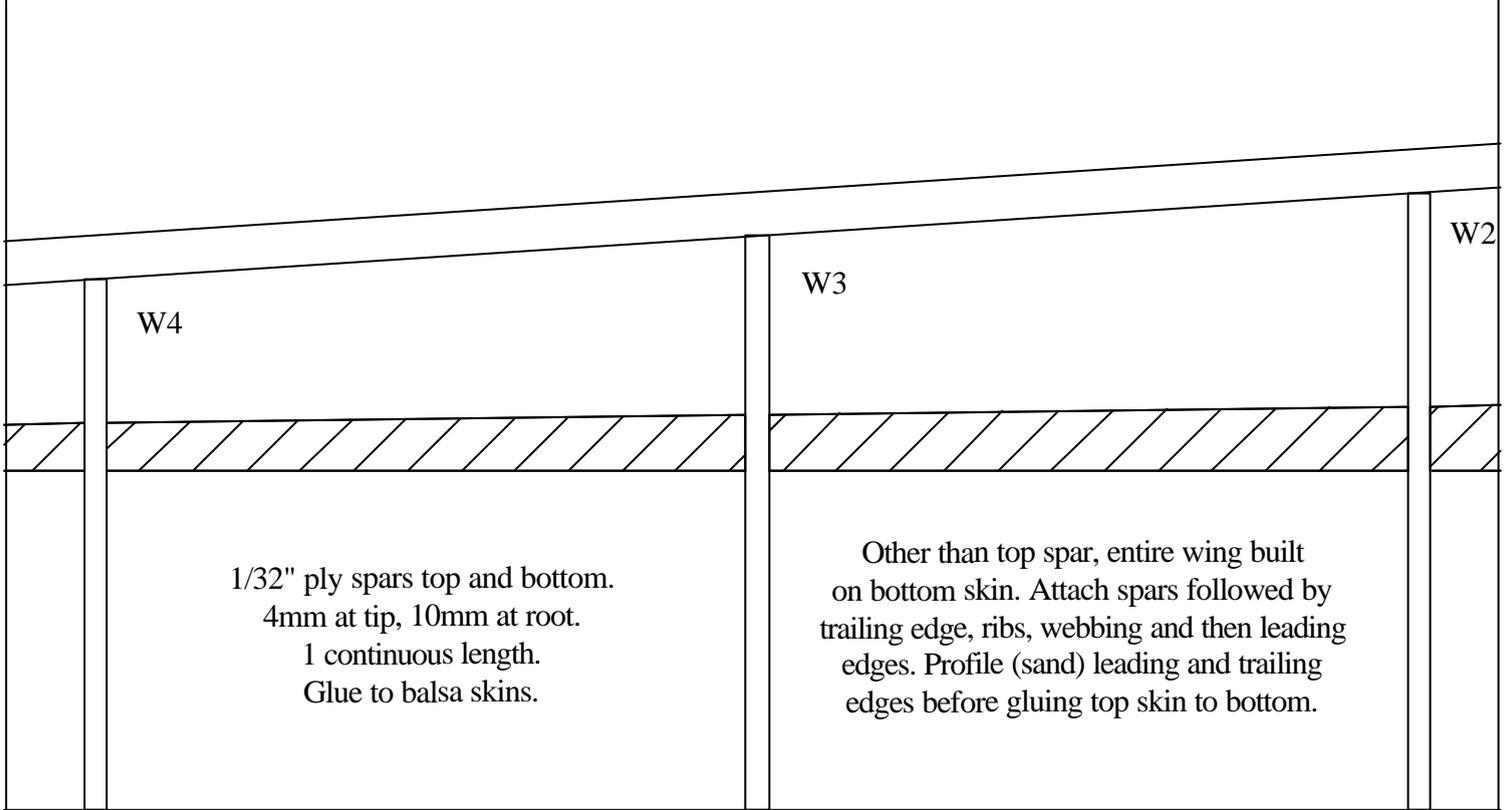
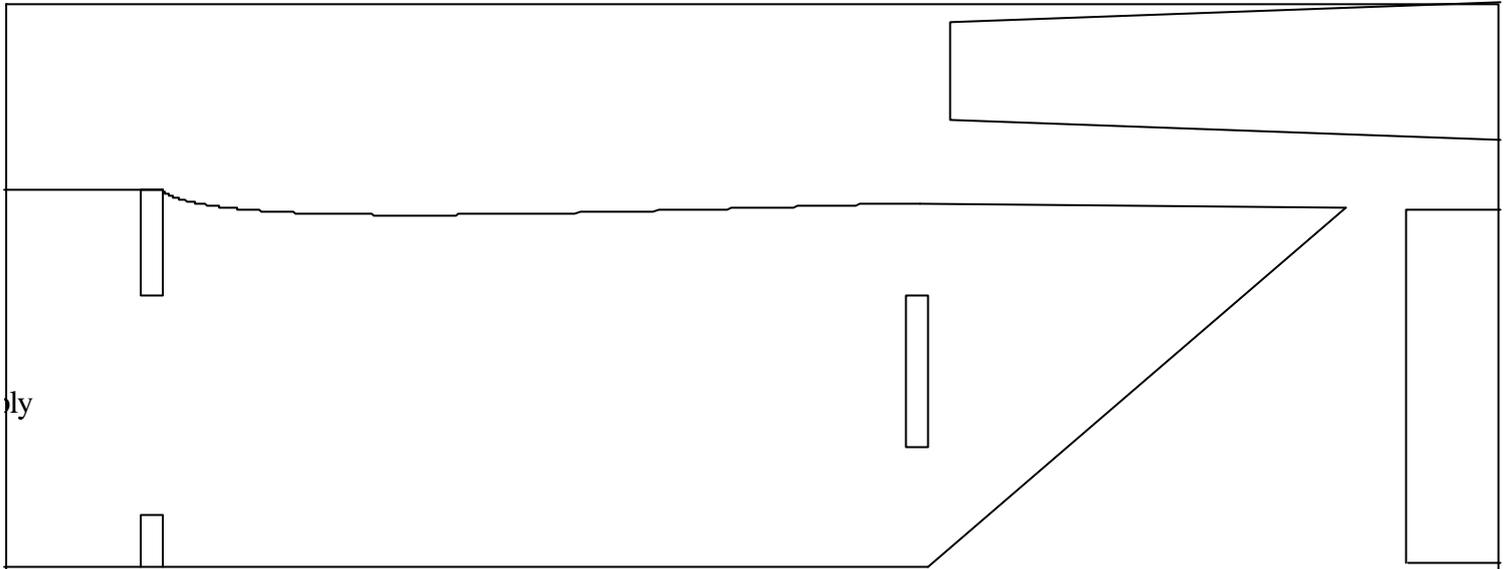
W6

W5

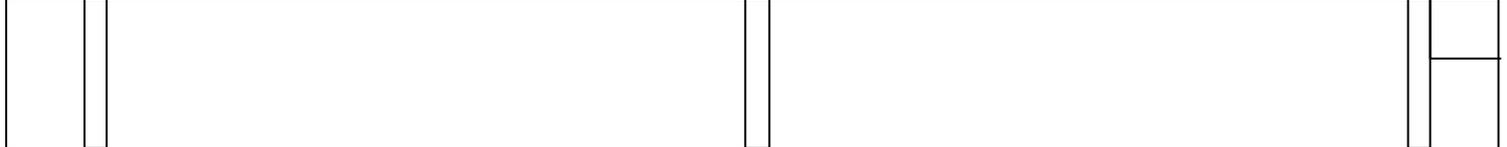
Sheer webbing not shown
on this half for clarity

All ribs 3mm balsa except 2 central ribs
which are 2mm liteply

6mm balsa end caps on wing
and outer aileron tips



Balsa aileron leading edge



F5
3mm liteply
Length-wise grain

F3
2 x 1/16th ply
(cross-grain
lamination)

2mm carbon rod for wing dowel

W1

4 central ribs (W1) are all the same

One way of gluing top skin to bottom is to complete the process upside down so as to end up with a little dihedral. Apply medium/thick cyano to bottom components, flip over, align and glue to top skin starting with trailing edge. Roll bottom onto top towards leading edge ensuring adhesion as you progress.

CG in middle of spar

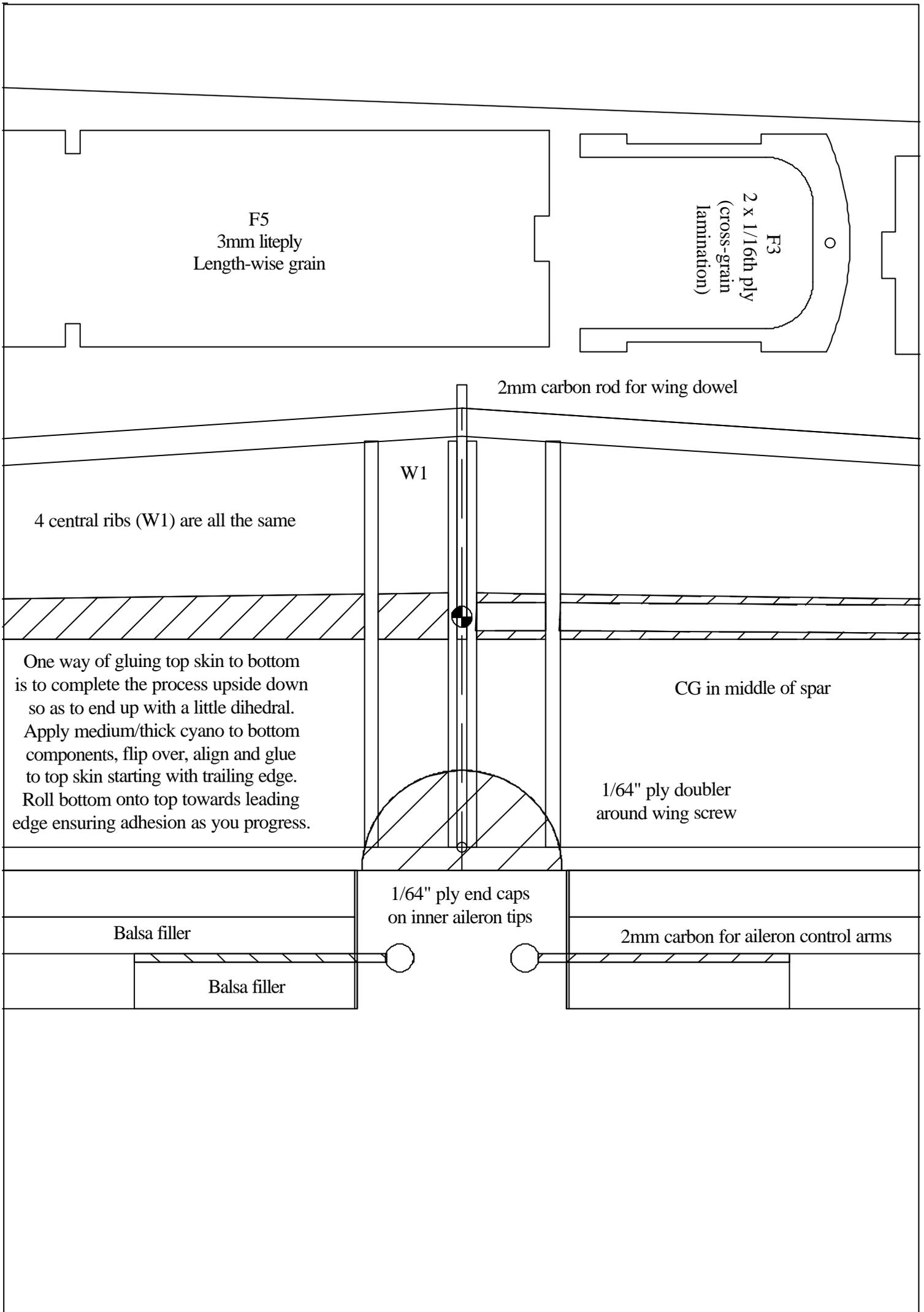
1/64" ply doubler
around wing screw

1/64" ply end caps
on inner aileron tips

Balsa filler

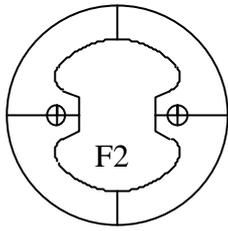
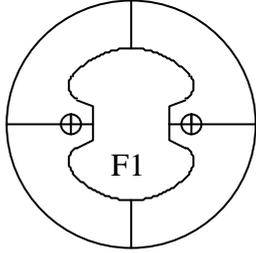
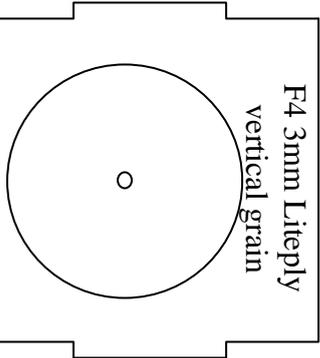
2mm carbon for aileron control arms

Balsa filler



F8

1.5mm balsa length-wise grain
3x3mm doublers added before attaching base to fuz



F1 & F2 1.5mm hard ply
grain at 90' to each other

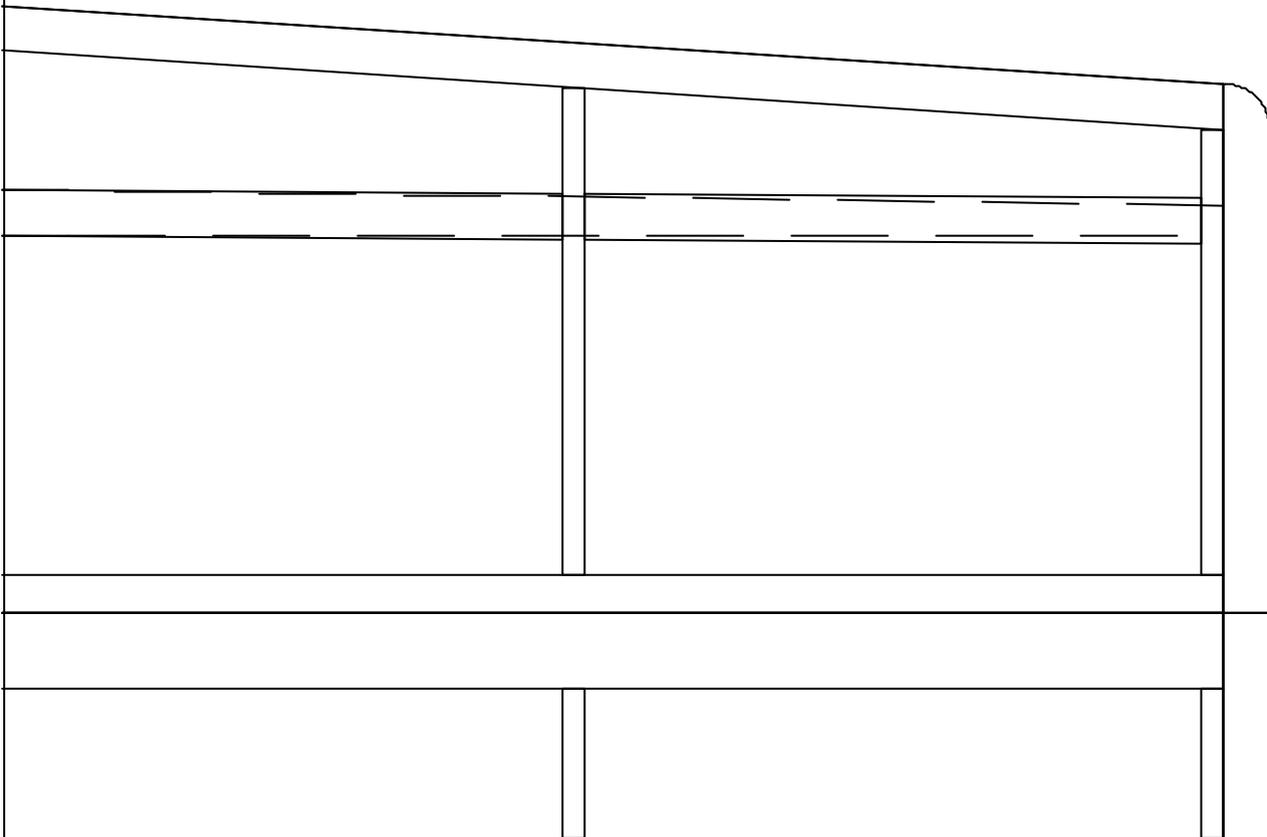
Top and bottom of wing and ailerons
from 1/32" balsa (standard 36" sheets)
or 1/16" if lighter.

Sheer webbing from 6mm depron;
3-6mm balsa could be a suitable
alternative.

Control throws:

Ailerons:
6mm each way
-40% exponential

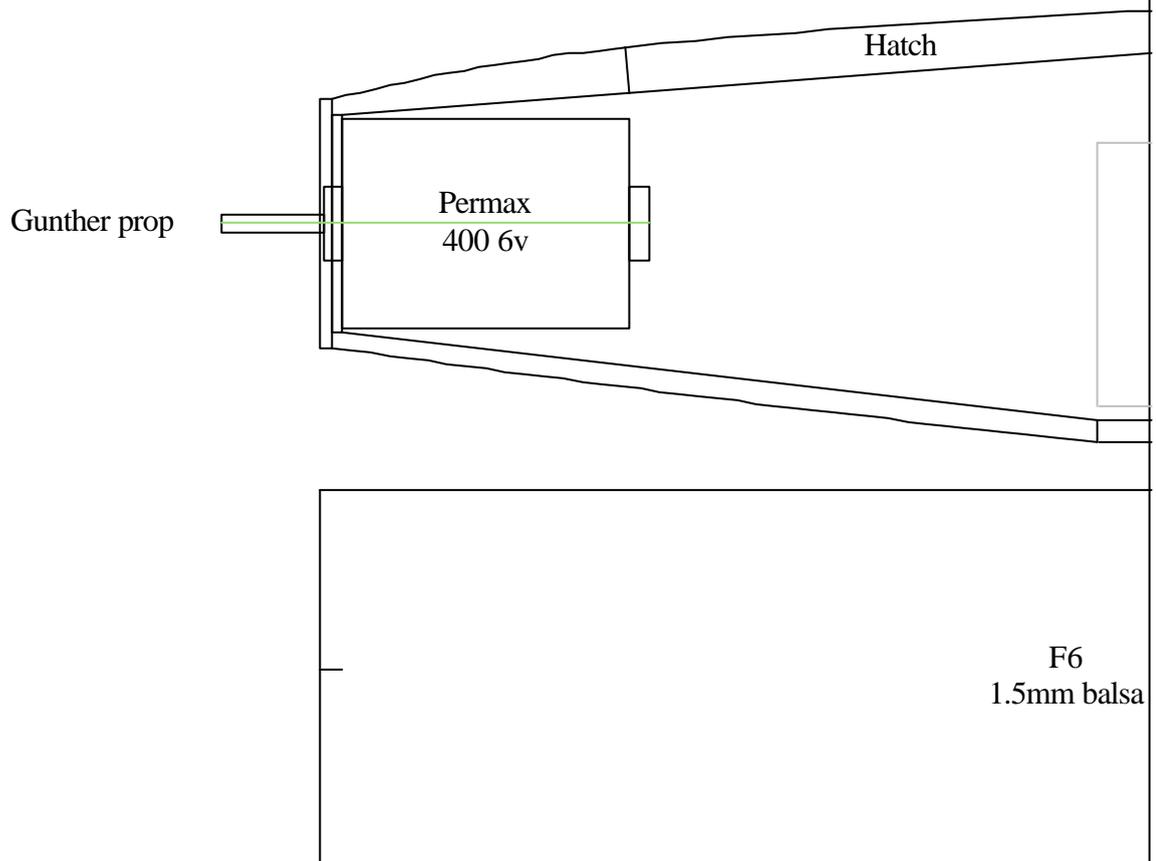
Elevator:
8mm each way
-25% exponential on Up
No exponential on Down



Fuz assembly instructions:

Sides are flat and parallel under wing but taper and 'roll' around motor mount

1. Glue F1 to F2 cross-grain (motor bulkhead).
2. Glue F3 and F4 to F5 (formers).
3. Glue rear half (flat section under wing) of each F7 to each F6 (from F3 to
4. Glue 3mm balsa rear doublers inside sides (behind F4).
5. Glue F7/6 (sides) to F3/4/5 (formers).
6. Bend and glue just F7 (ply) onto F1/2, and then bend and glue front of F6
7. Trim front sides top and bottom between F3 and F1/2 and sheet cross gra
8. Lay fuz on one side, prop rear up by about 17mm, and glue F8 to bottom
9. Sheet rear top of fuz cross-grain.



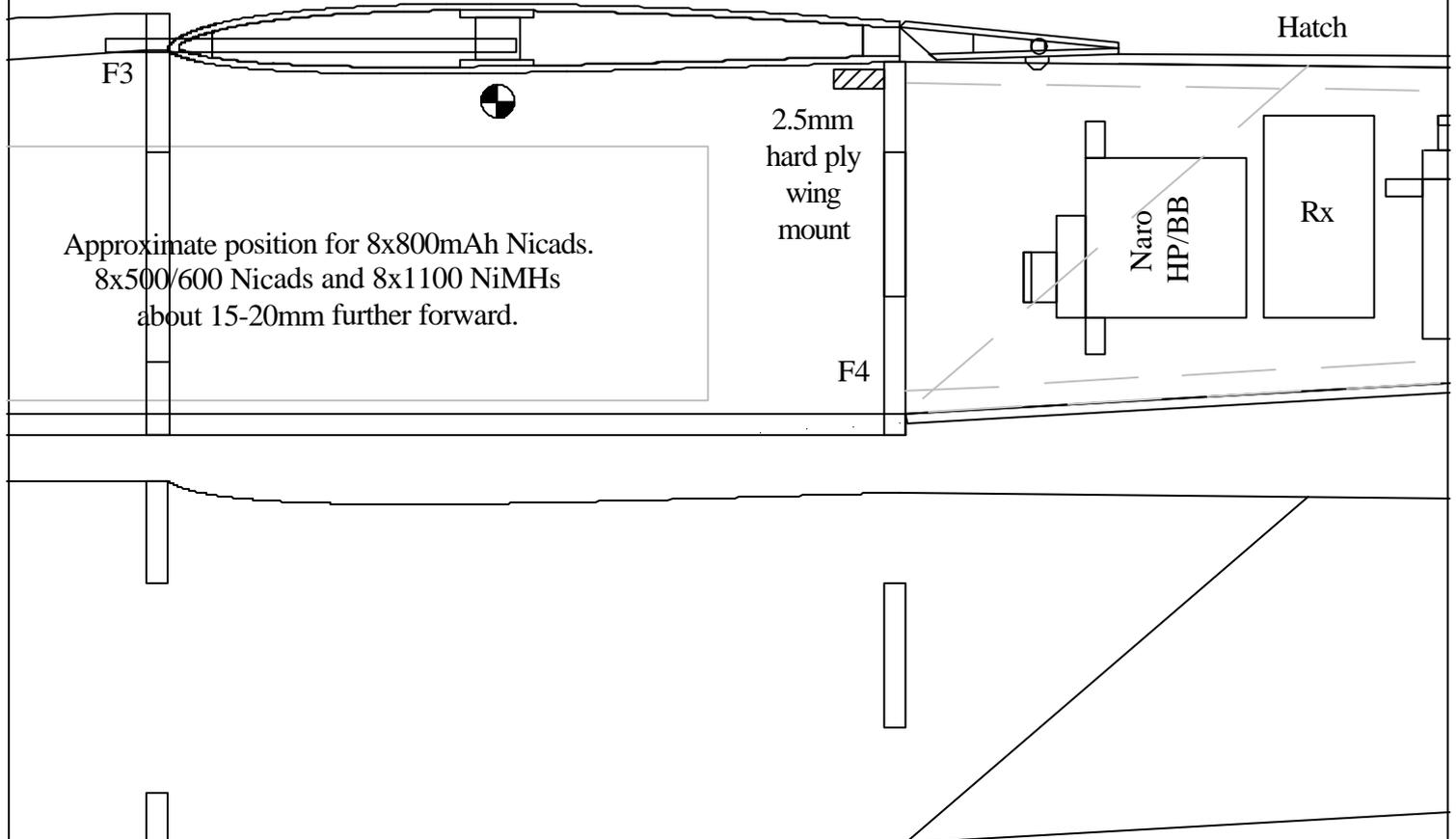
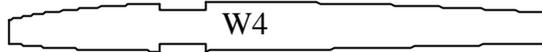
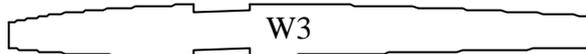
t in front. So...

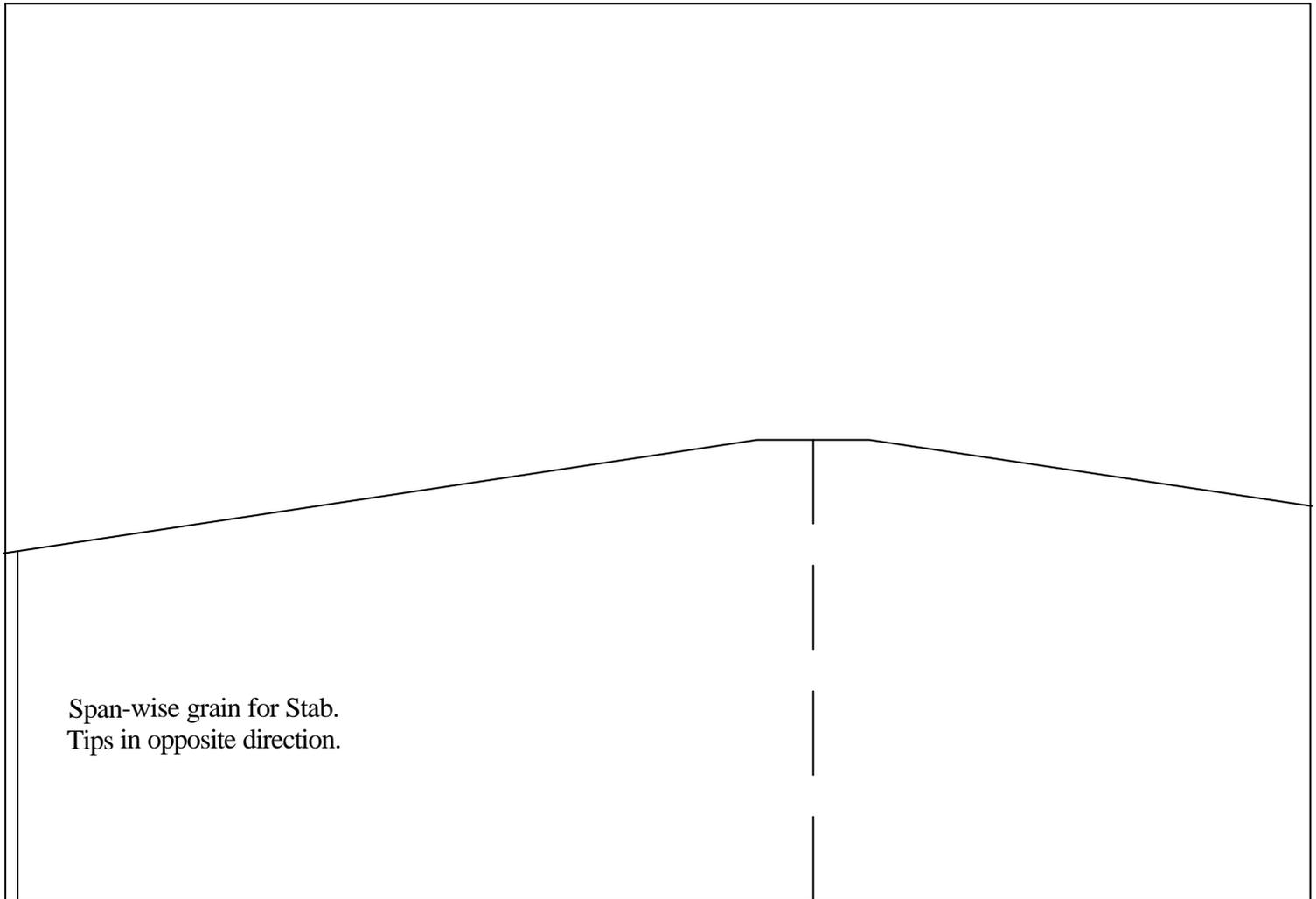
rear)- make right and left sides!

5 (from F3 to nose) to F7.

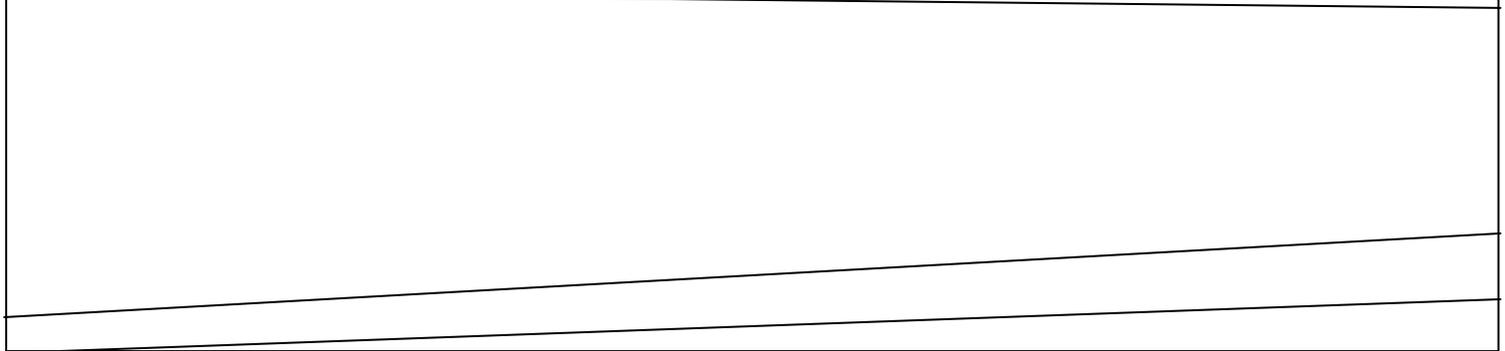
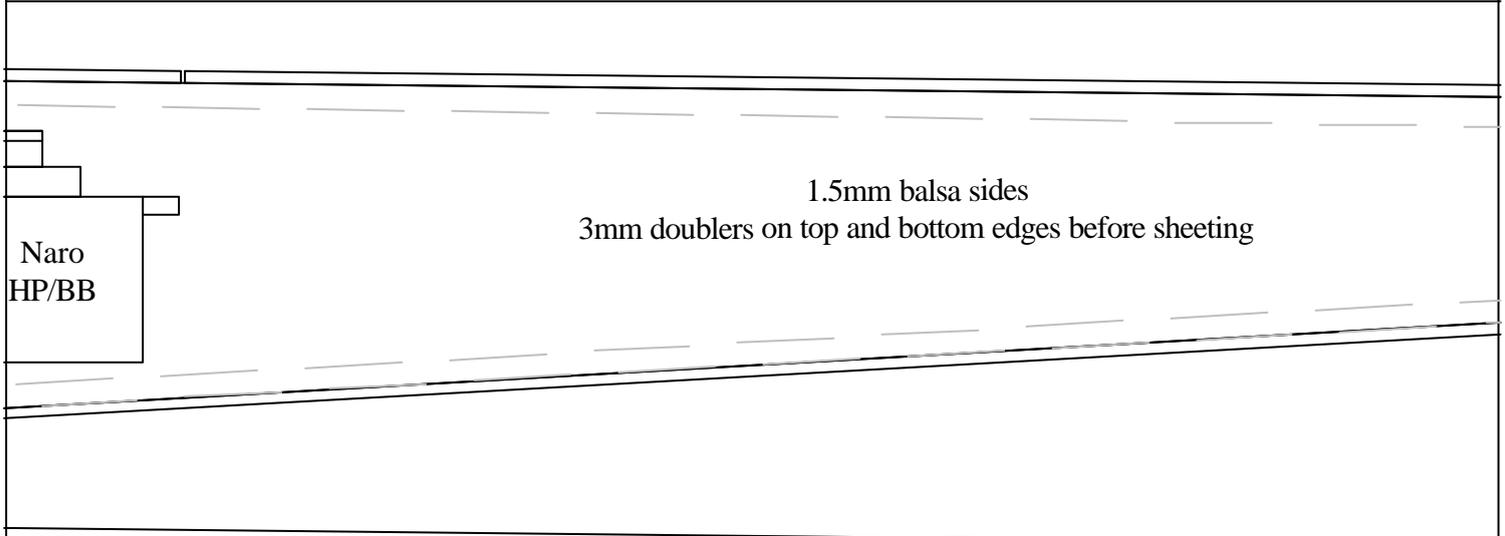
in.

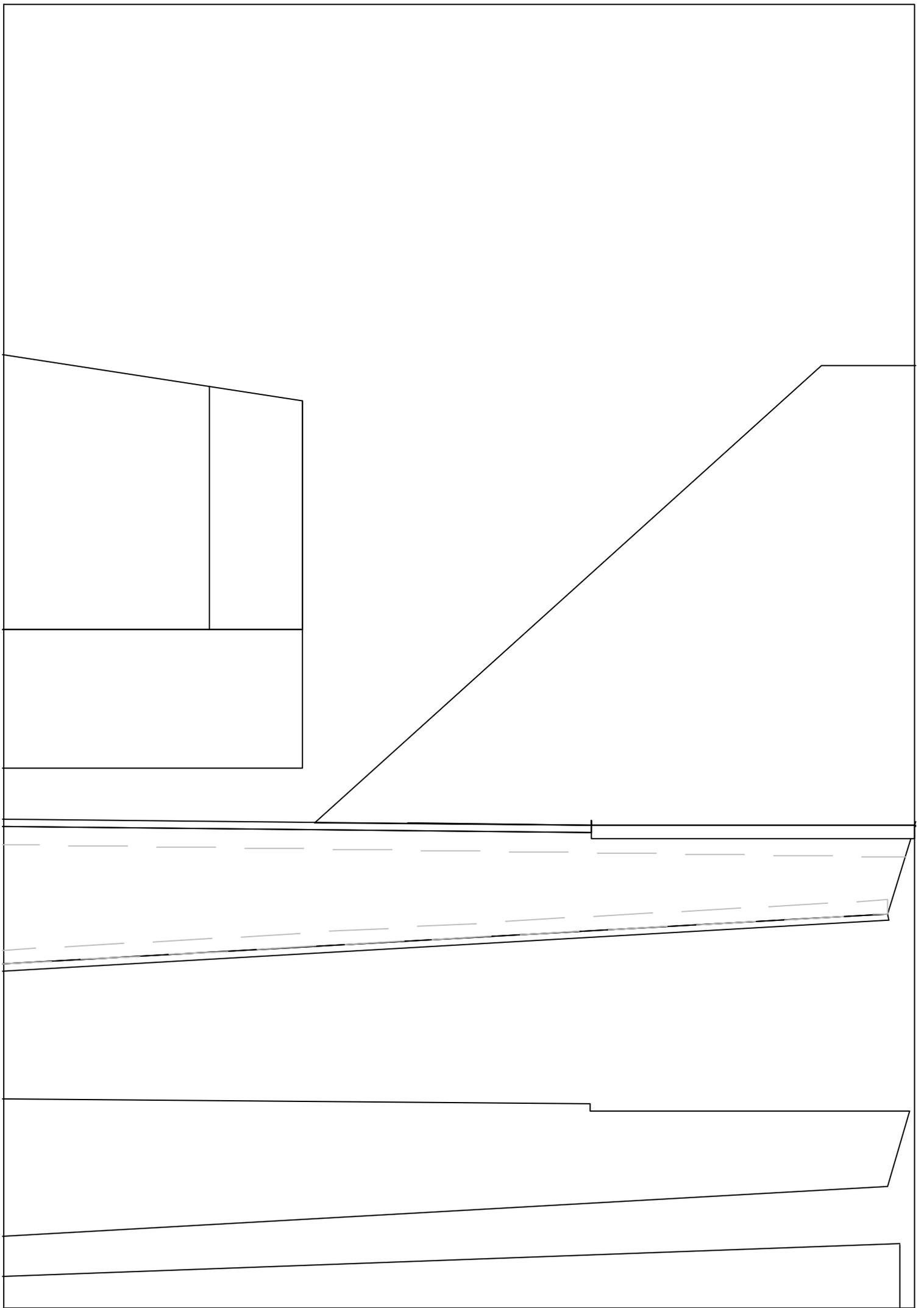
of fuz.

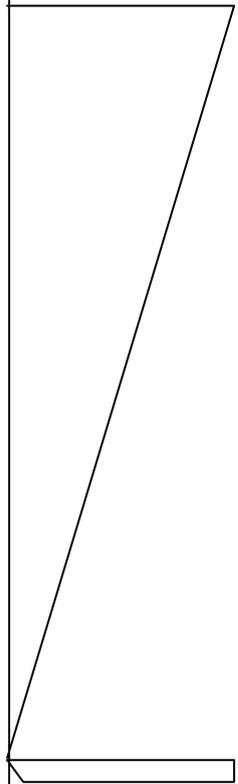




Tail surfaces all 3mm balsa







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July-03 (v2)
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