

KEEP IT LIGHT !!!

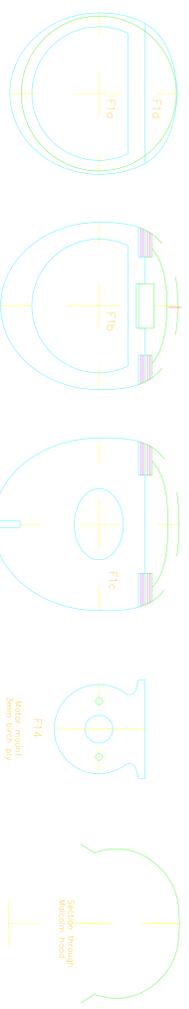
All basic light grade unless stated
Length: 1589mm

Fluorin antenna
Fabricate from 20mm fibreglass / 0.6mm birchply / 20mm fibreglass
Fibreglass & birch from small diameter angle lapped with white glue

Fin fabric comprising 20mm fibreglass
between 20mm rubber base blocks

Small diameter angle & self-lapping sheets
between 20mm fibreglass

0.6 x 20mm fibreglass from shear addressed
Note range of resin with
resin hardener at 1:1 ratio



RECOMMENDED POWER RIBS:
Boracore 340 motor, 27 turn winding
17" x 9" custom electric protractor

Hidden motor cow front
(Not bonded to steel glue bag)
3mm glue
& all require welding to web on landing
between F1 & F2 type in cross-section

20mm brass bonded cow
2mm glue
0.6mm fabric applied by hand
to form base distribution to wing base station

3mm glue
Quoted to cow
2mm glue
3mm glue

Special through
bottom board

0.5mm clear acetate
0.2mm gilded cow

10 sq. bag
White light

2mm fibreglass with 20mm brass, 12mm wide
2 levels, tapered to appropriate covering top

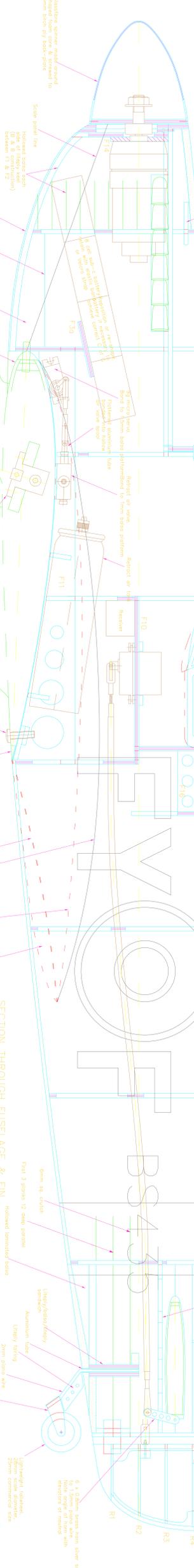
Beige green band

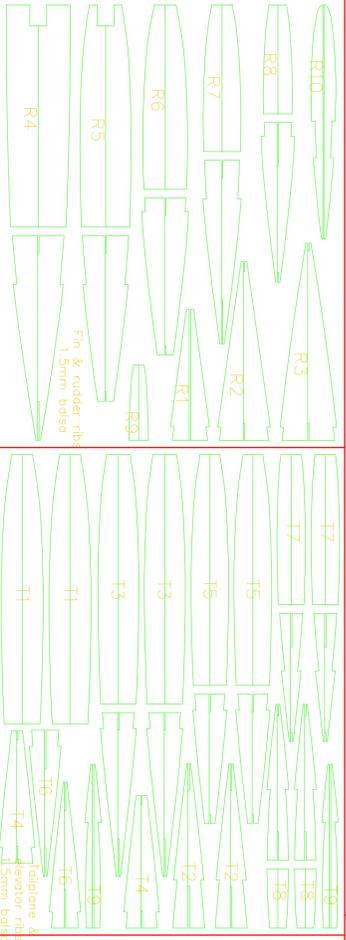
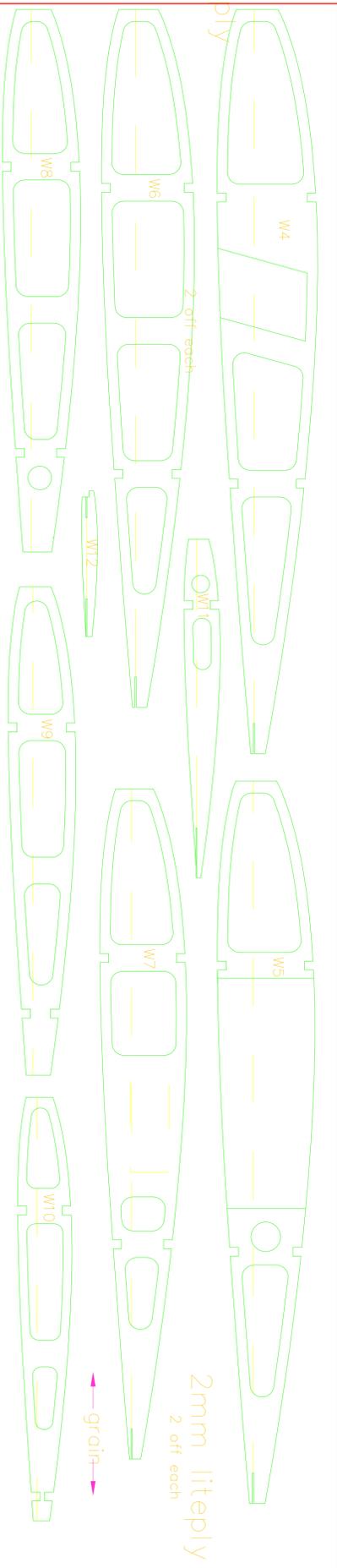
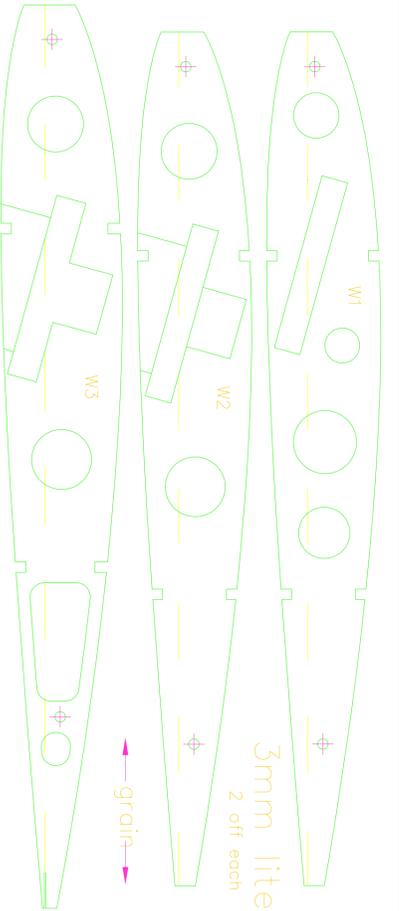
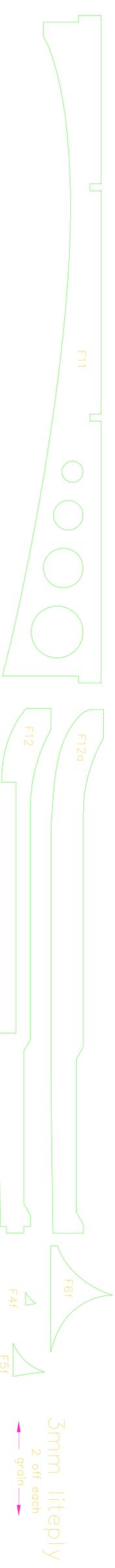
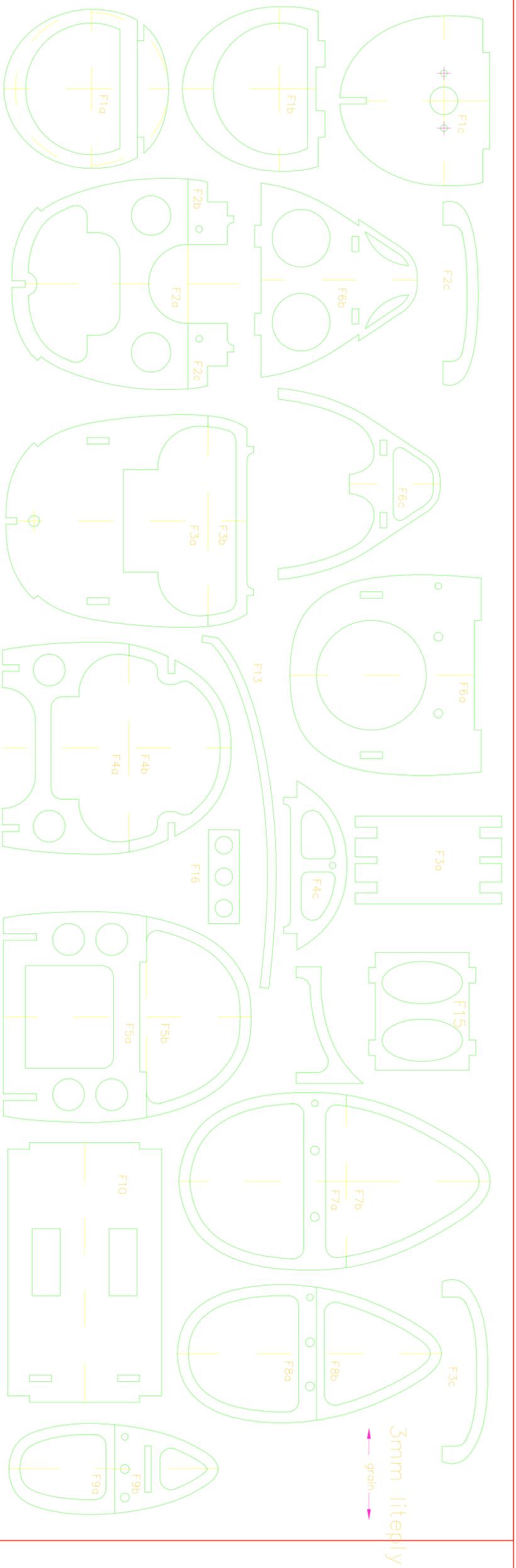
20mm fibreglass

20mm fibreglass

Lightweight tubular,
20mm commercial size

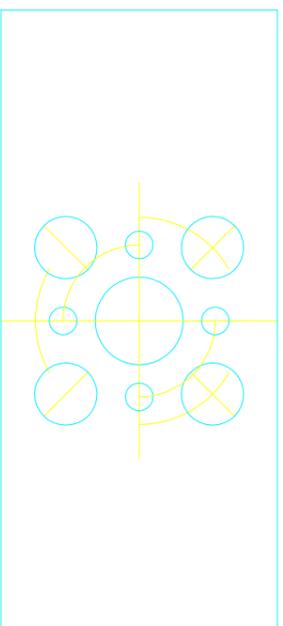
12mm brass wire cow
& 2mm fibreglass
20mm commercial size





(To avoid template stretching apply glue to wood not to template)

SPITFIRE MK IX



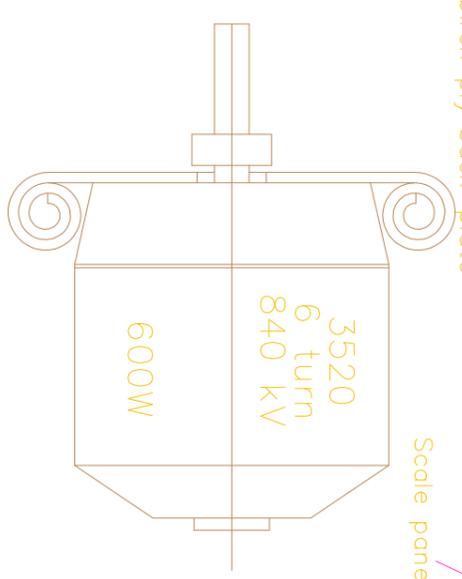
2.5mm balsa planked cowl.
 Lowest planks should be narrow (4mm) & will require twisting as well as bending.
 Note distinct change in cross-section between F3 & F4

1.5 thick lead ballast
 F1 abc

F14

RECOMMENDED POWER TRAN
 11.1Vx5300mAh LiPo
 3520x7turn outrunner motor
 Direct drive

Glassfibre spinner made around shaped foam core & screwed to 3mm birch ply back-plate



3520
 6 turn
 840 KV
 600W

Scale panel line

Hollowed balsa each side of liteply keel (B & B construction) between F1 & F2

1mm balsa edging to keel to ease blending with adjacent balsa blocks

Bottom edge of lowest planks

Hollowed block balsa below lowest planks each side of liteply keel F13

Carved balsa fairing glued to wing

Carburettor air intake

3mm dowel

F2

3mm liteply battery locator

11.1V x 5.3Ah Li-po

F3d

F3

0.8mm balsa replaced by two 3mm dowel
 Glued to cowl

F4

9g micro servo.
 Bond to 1.5mm balsa platform

Flattened aluminium tube bonded into hollow air valve spool

Direct drive outrunner variation