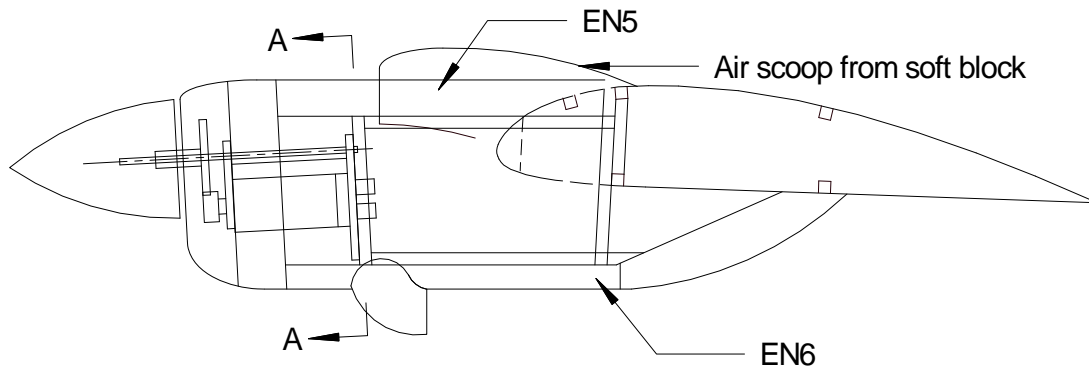
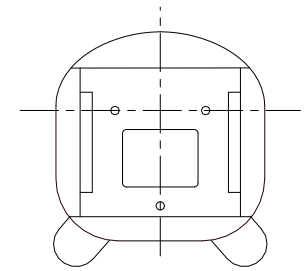


**Engine nacelle front view**

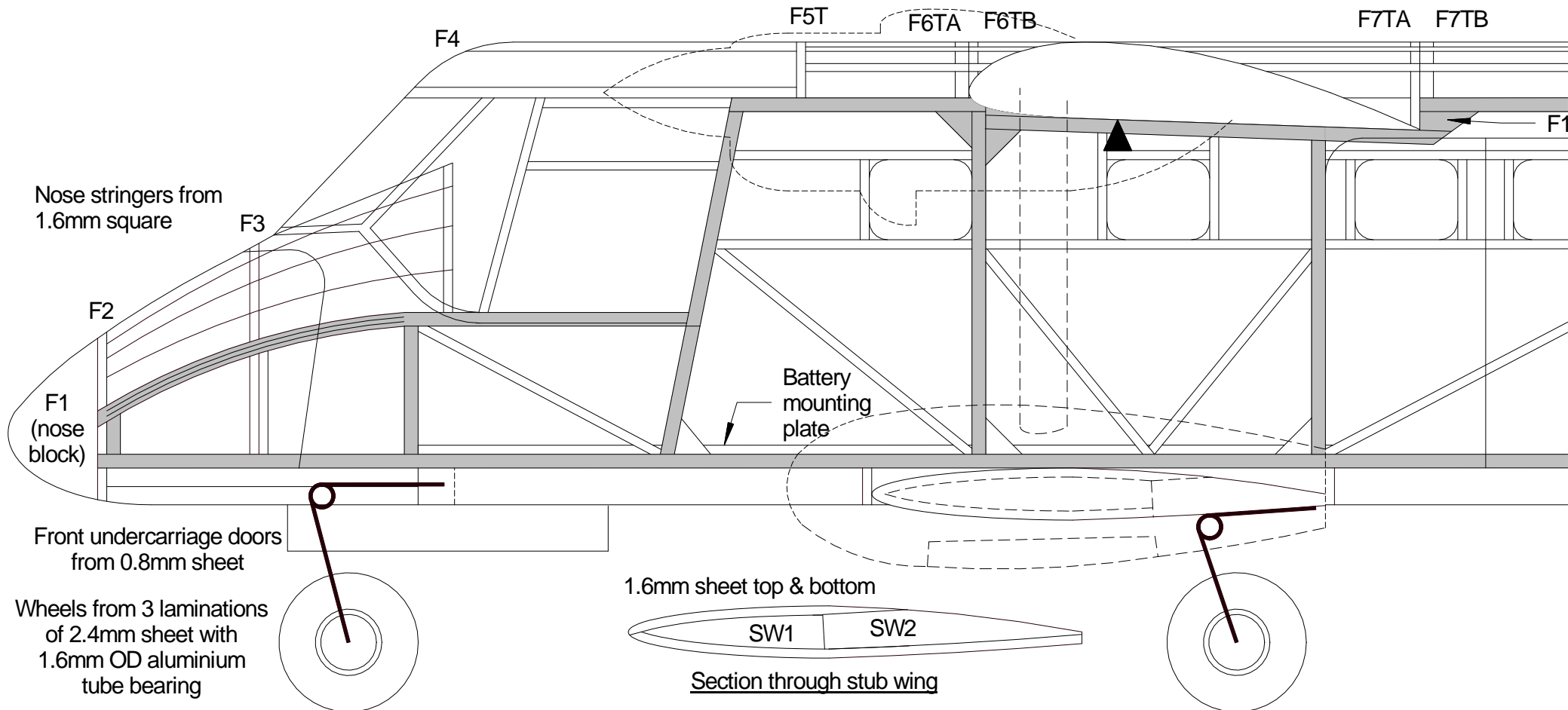


**Engine nacelle side view**

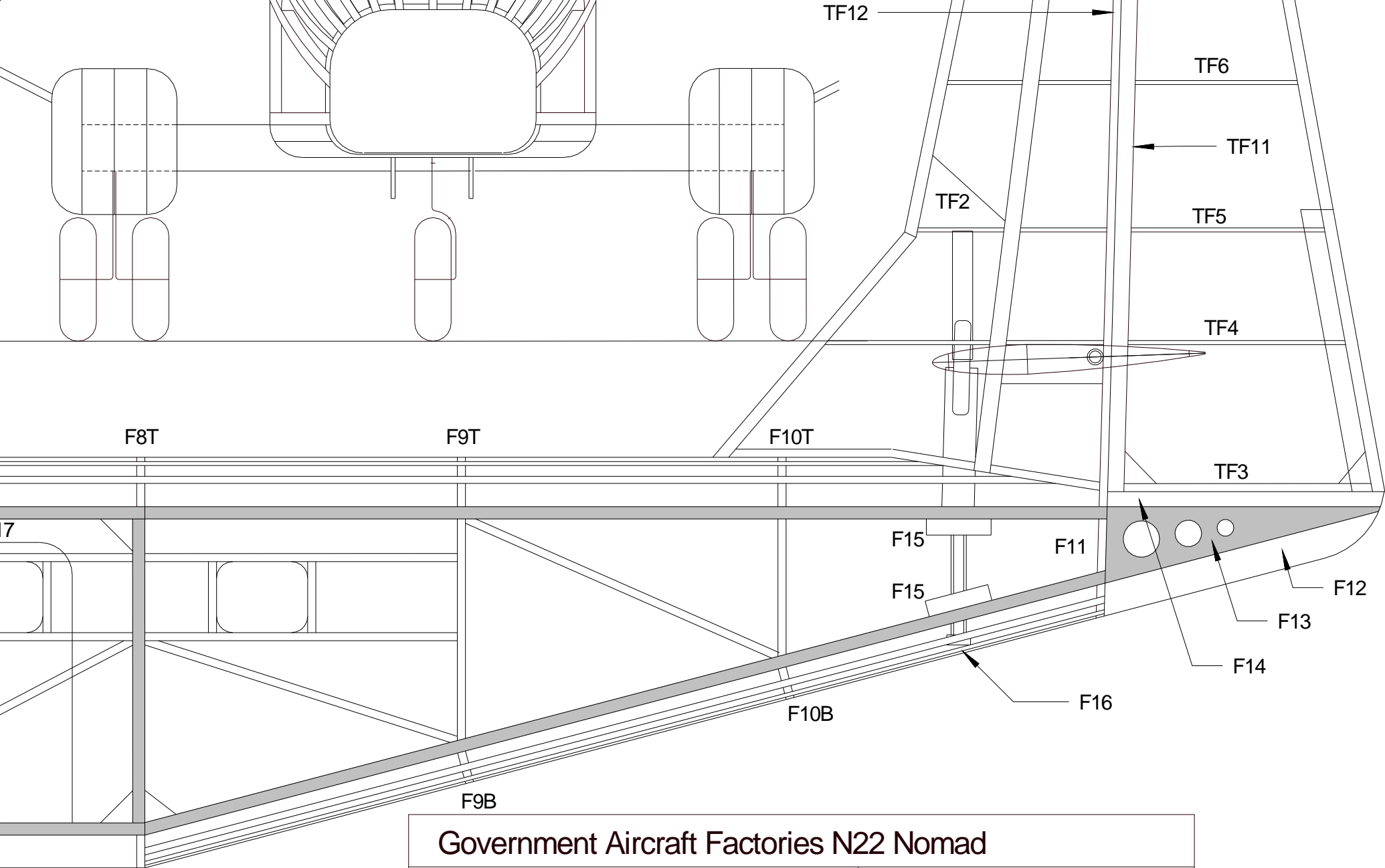


**Section A-A**

▲ Balance at this point



**Section through stub wing**



## Government Aircraft Factories N22 Nomad

Dimensions:	Prototype:	Model:
Span:	14.5 m	711mm (28.0 in)
Length:	12.57 m	547 mm (21.5 in)
Wing area:	30.2 m <sup>2</sup>	5.12 dm <sup>2</sup> (79.4 in <sup>2</sup> )
T/O Weight:	3,856 kg	72 g (2.6 oz)
Scale:		1 : 23.1

© D Buckmaster 2001

Designed by Derek Buckmaster

Website:  
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e-mail:  
[dbdesign@crosswinds.net](mailto:dbdesign@crosswinds.net)

Leading edge 3.2mm

All spars 1.6mm square

R3

R3

R3

R2

R1

W3

R1

W10

W3

R1

Trailing edge 3.2mm x 8mm

Cut away leading edge after sanding to shape

R3

R3

R3

R2

R1

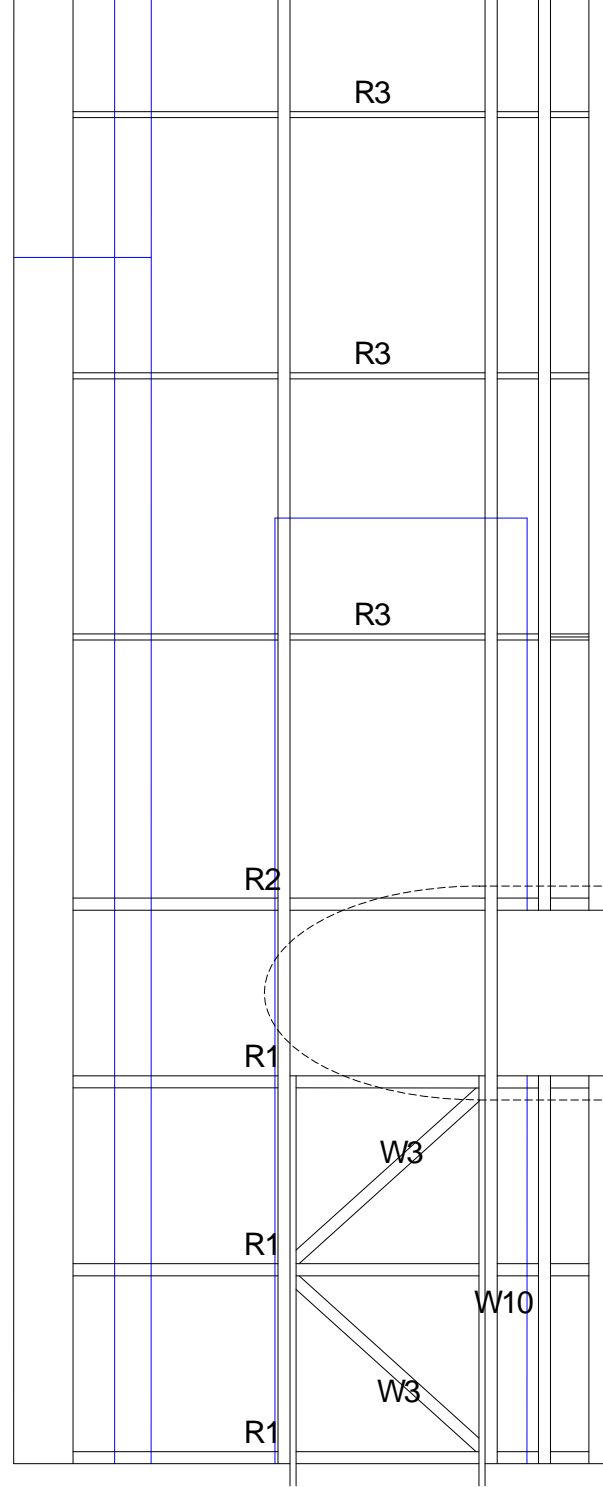
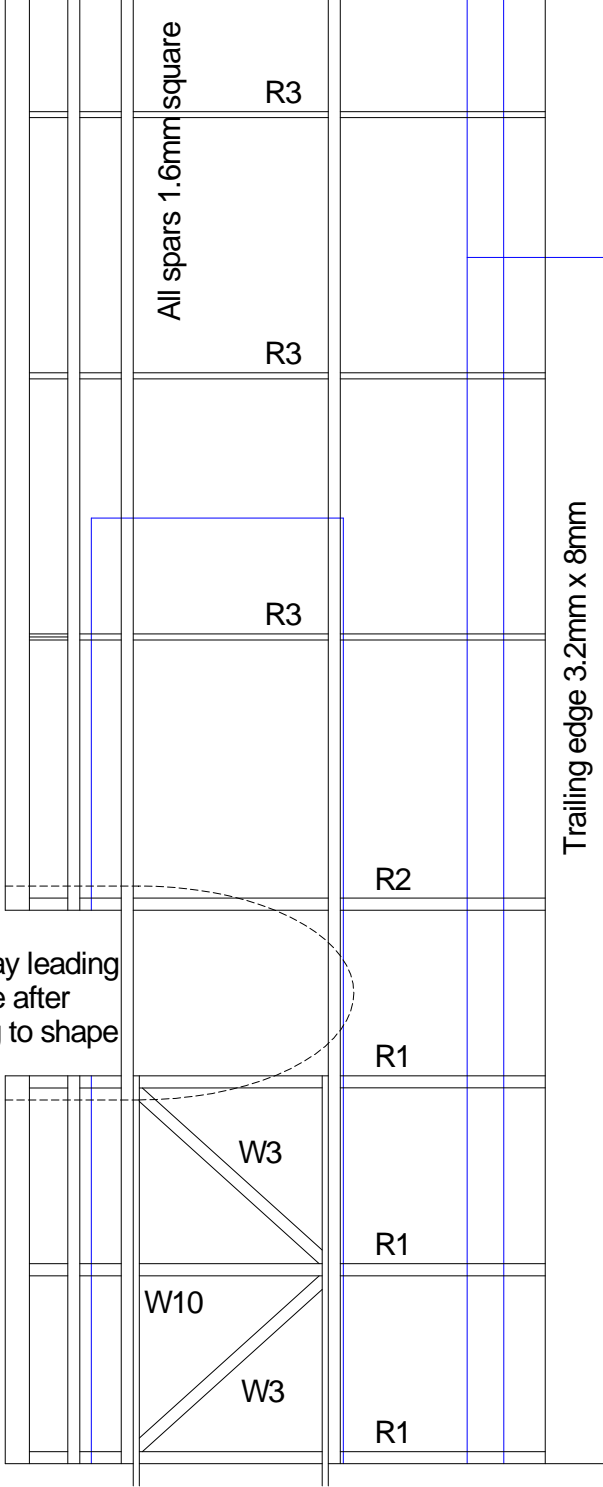
W3

R1

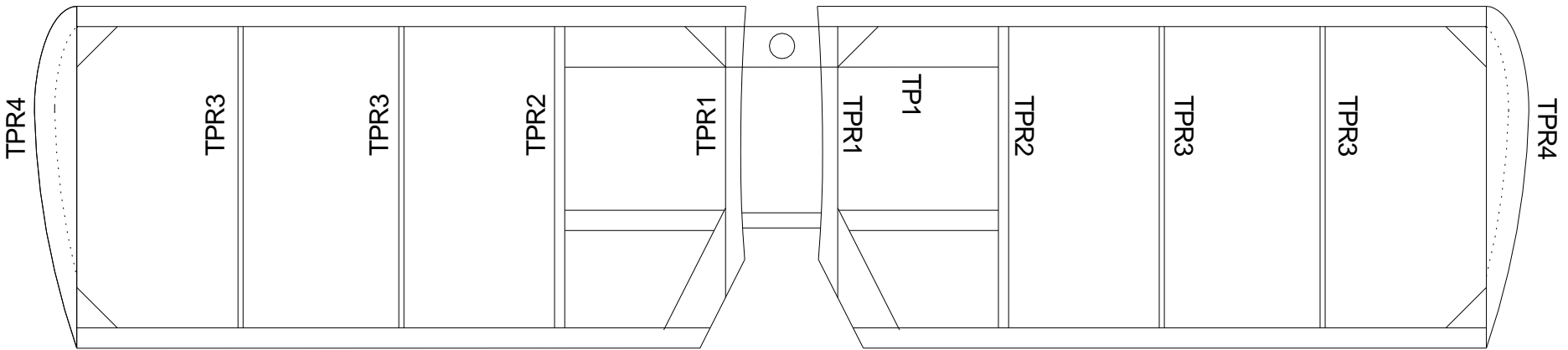
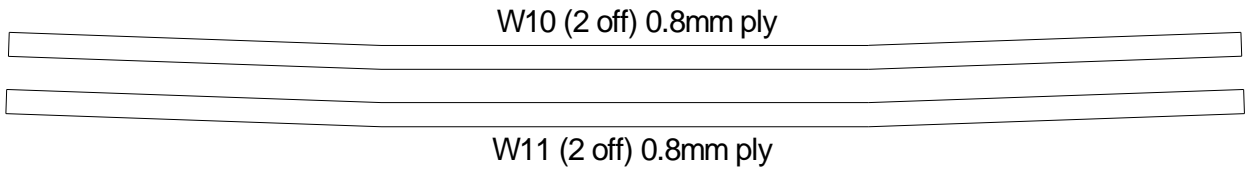
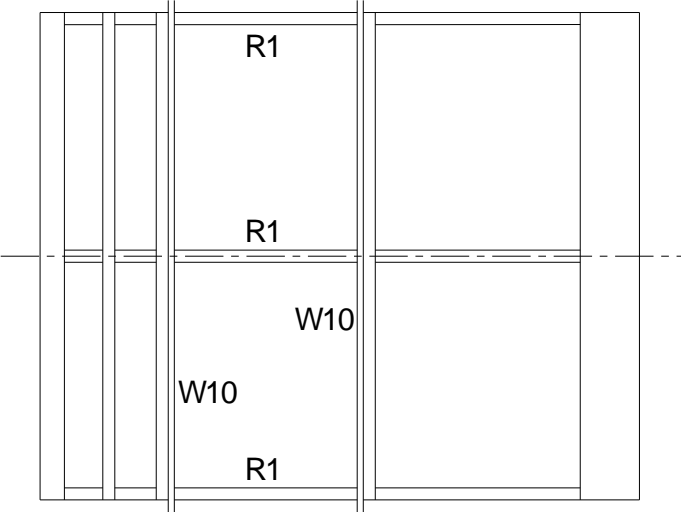
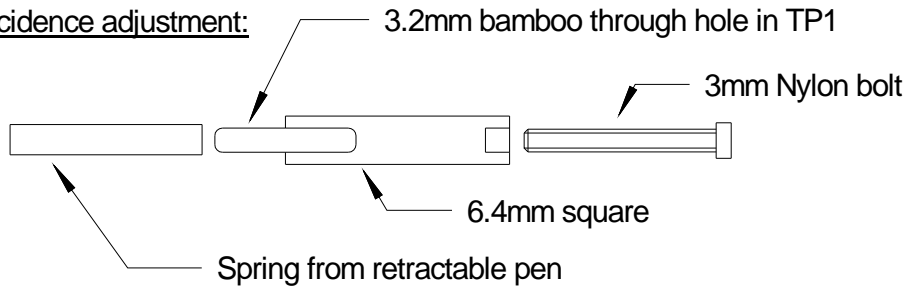
W10

W3

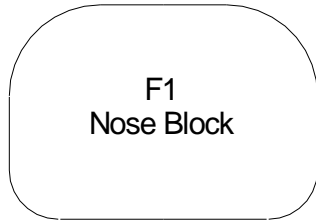
R1



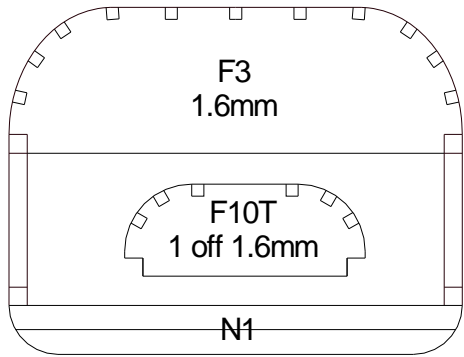
Tailplane incidence adjustment:



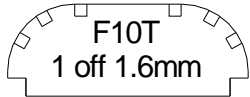
F17 (2 off)  
2.4 mm



F1  
Nose Block

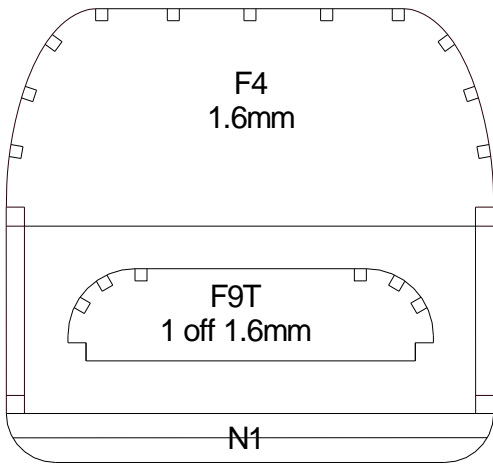


F3  
1.6mm

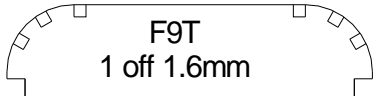


F10T  
1 off 1.6mm

N1

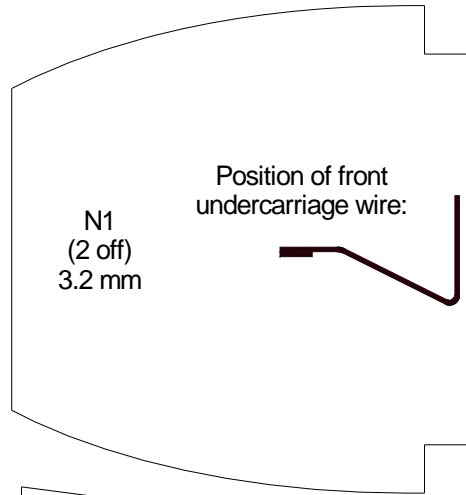


F4  
1.6mm



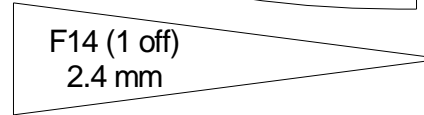
F9T  
1 off 1.6mm

N1

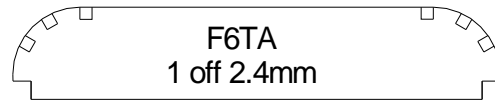


N1  
(2 off)  
3.2 mm

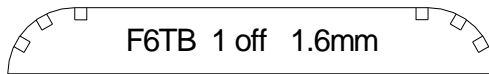
Position of front  
undercarriage wire:



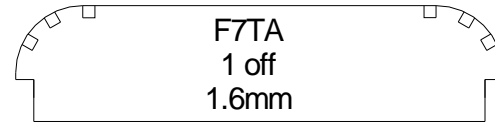
F14 (1 off)  
2.4 mm



F6TA  
1 off 2.4mm



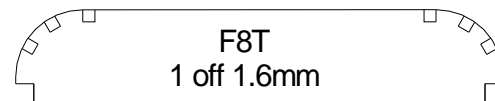
F6TB 1 off 1.6mm



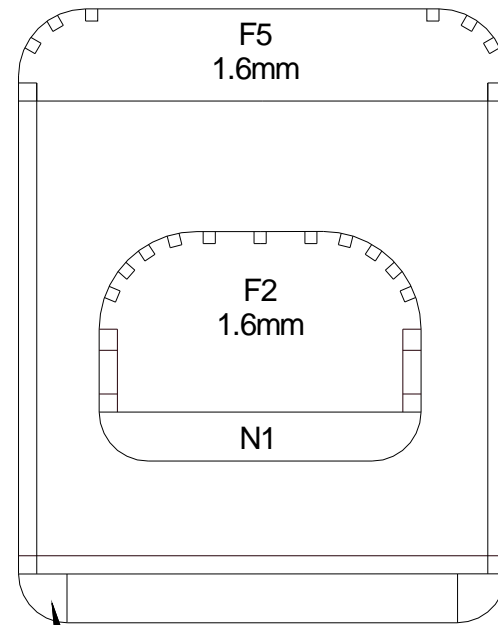
F7TA  
1 off  
1.6mm



F7TB  
1 off  
2.4mm



F8T  
1 off 1.6mm



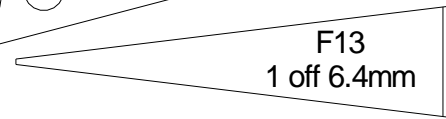
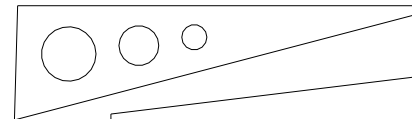
F5  
1.6mm

F2  
1.6mm

N1

Soft 6.4 mm square

F12  
2 off 2.4mm



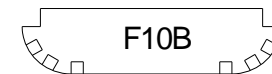
F13  
1 off 6.4mm



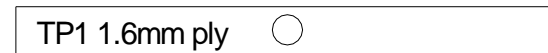
F8B



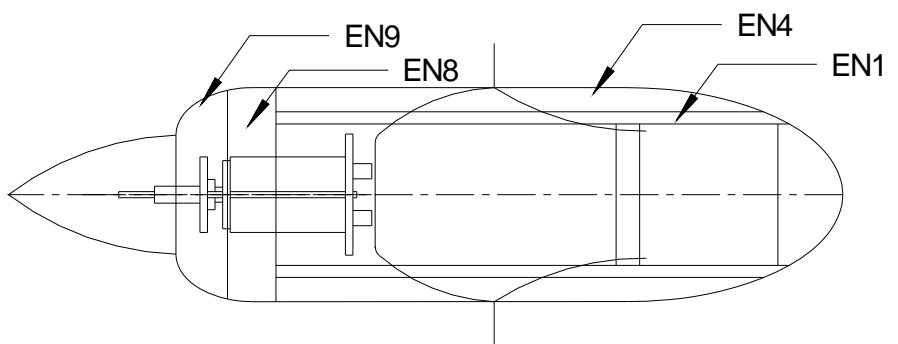
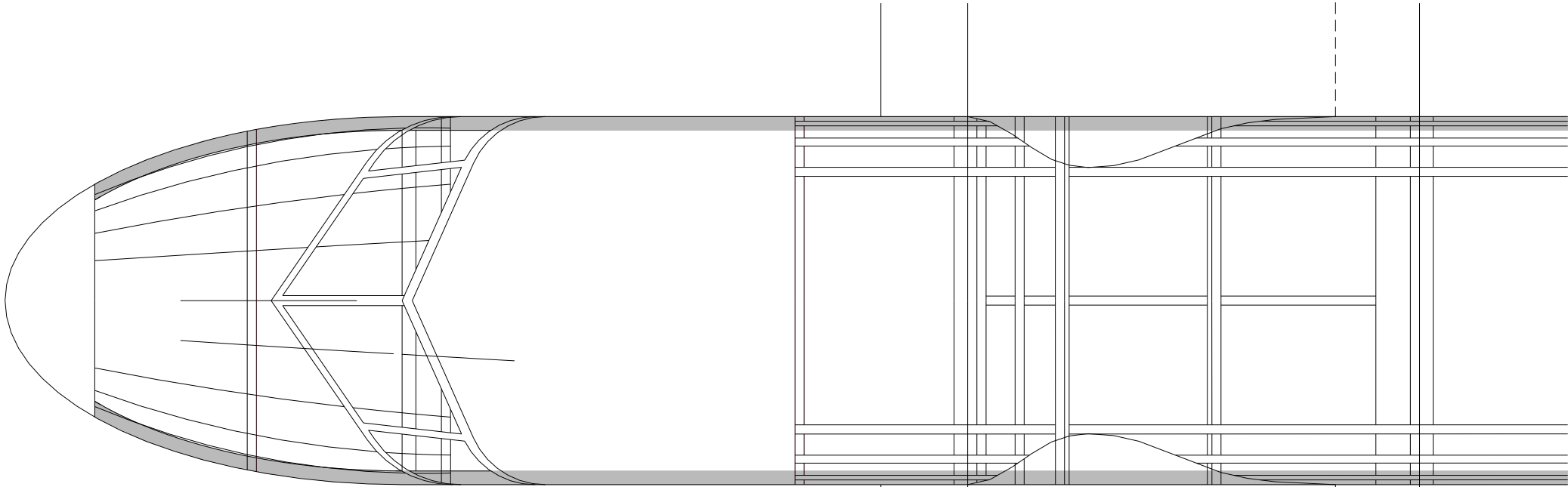
F9B



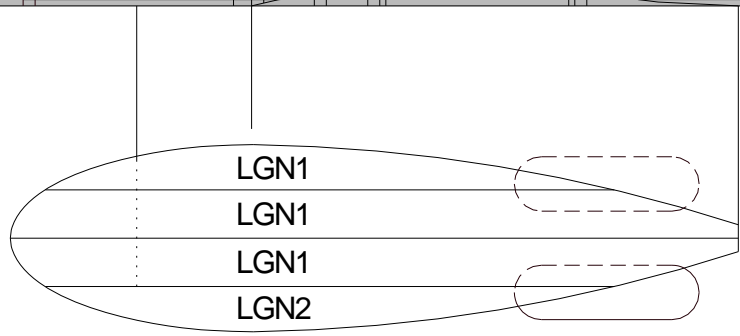
F10B



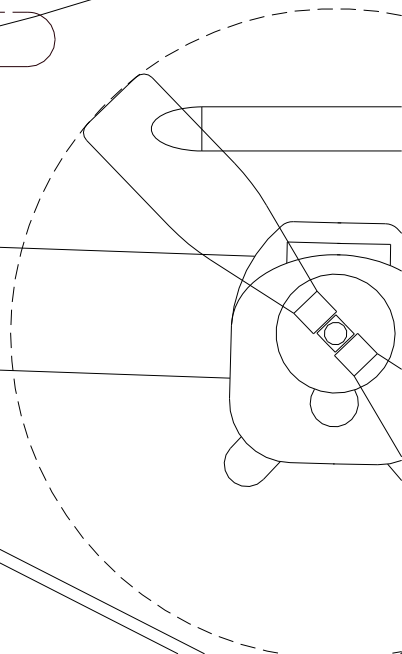
TP1 1.6mm ply

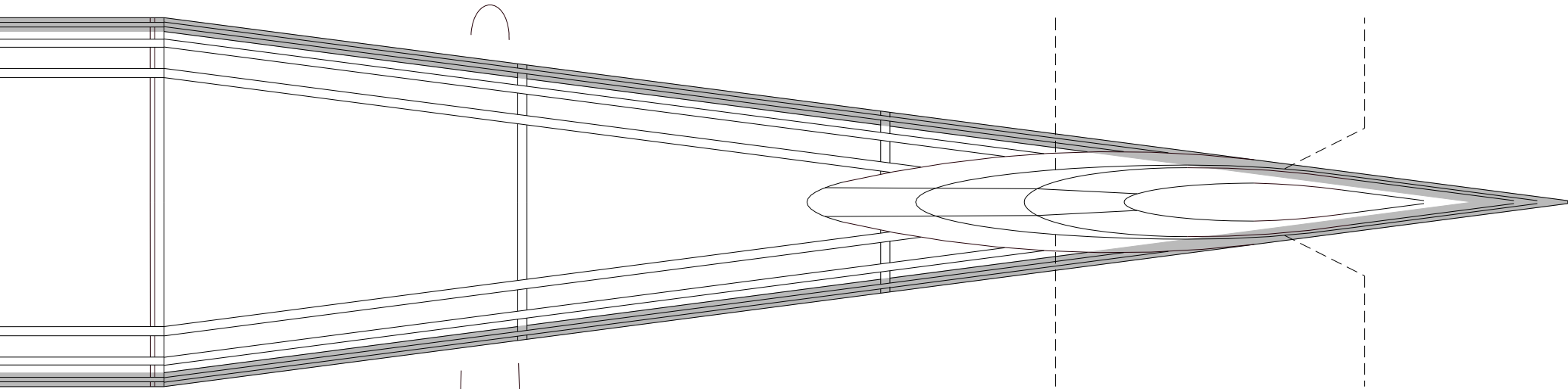


**Engine nacelle top view**



6.4mm dihedral under each wing tip



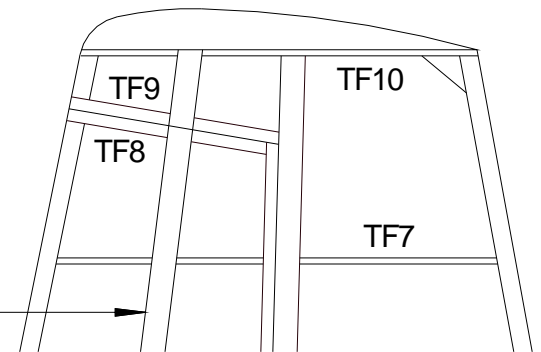
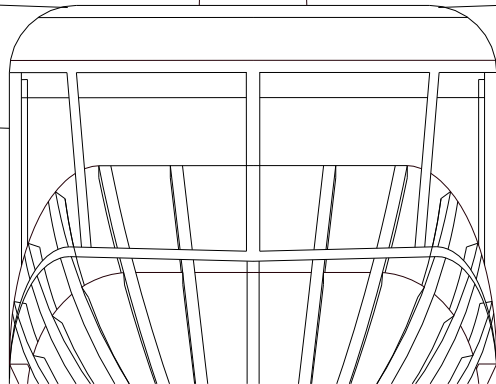
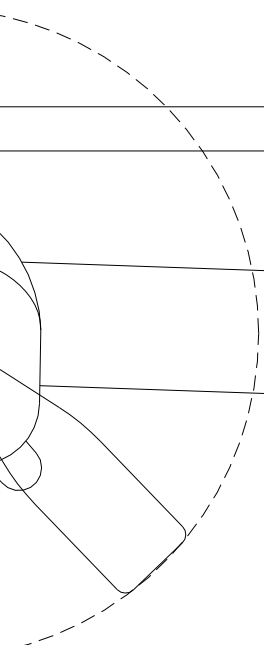


**Metric conversions:**

0.8mm	1/32"
1.6mm	1/16"
2.4mm	3/32"
3.2mm	1/8"
4.8mm	3/16"
6.4mm	1/4"

**Fuselage construction:**

- Main side frames (shaded in gray) from 2.4mm square
- Diagonal bracing and window frames from 2.4 x 1.6mm strip
- Stringers on nose and rounded corners from 1.6mm square
- Top and bottom formers from 1.6mm sheet

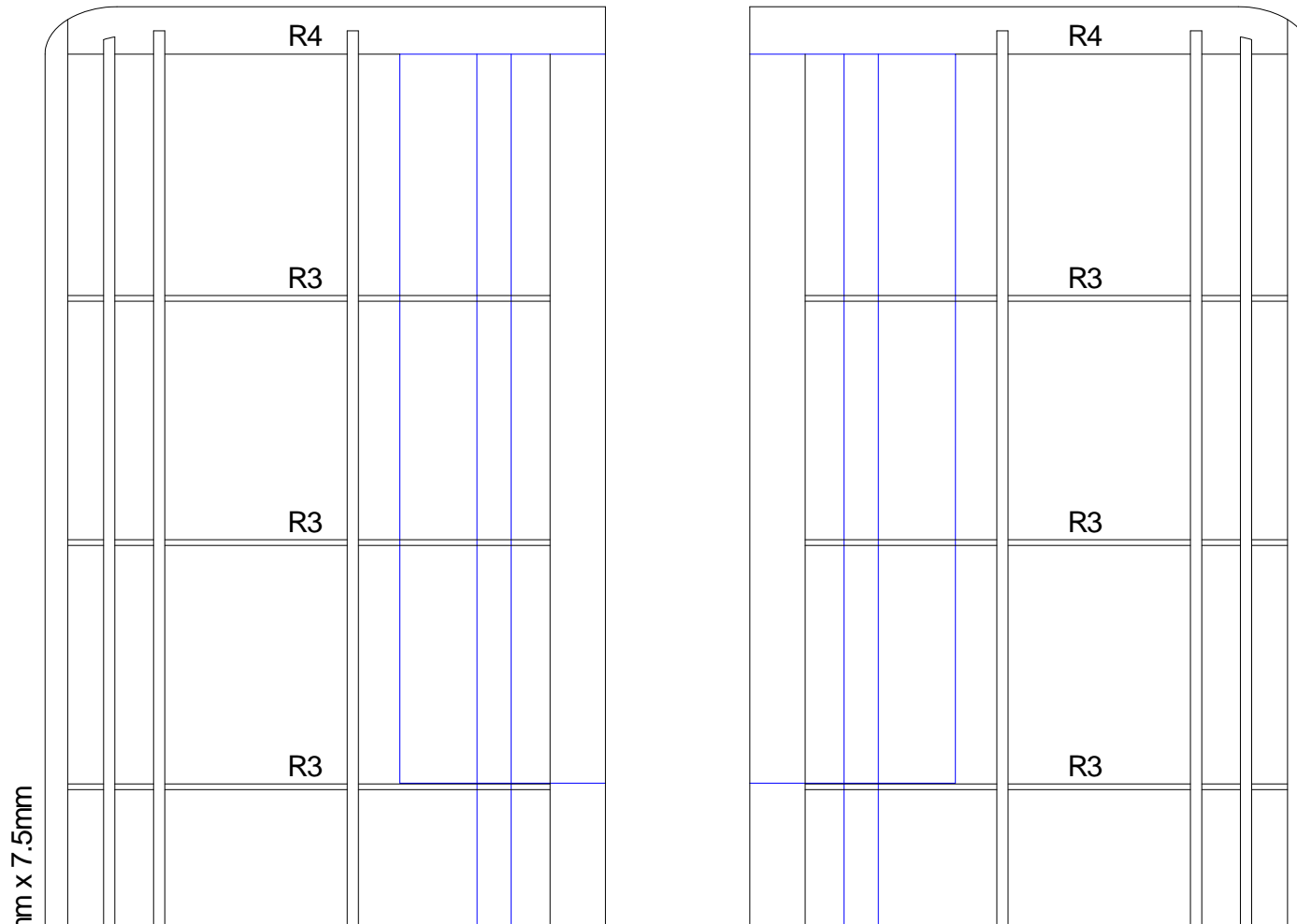


1.6 x 3.2 mm

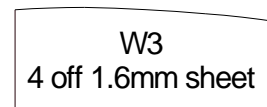
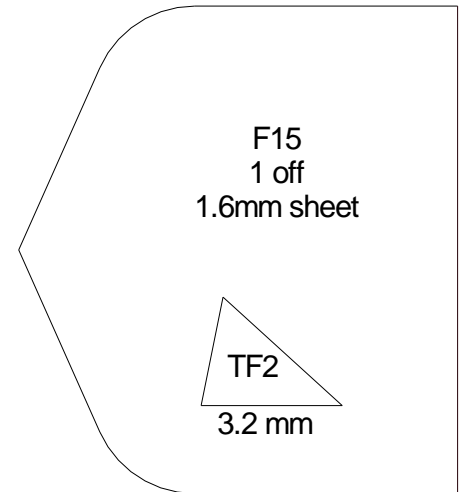
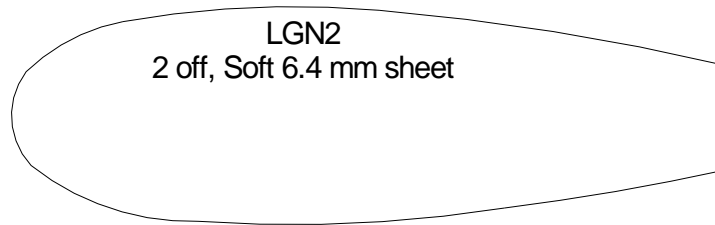
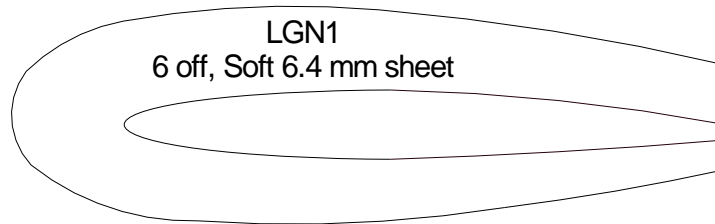
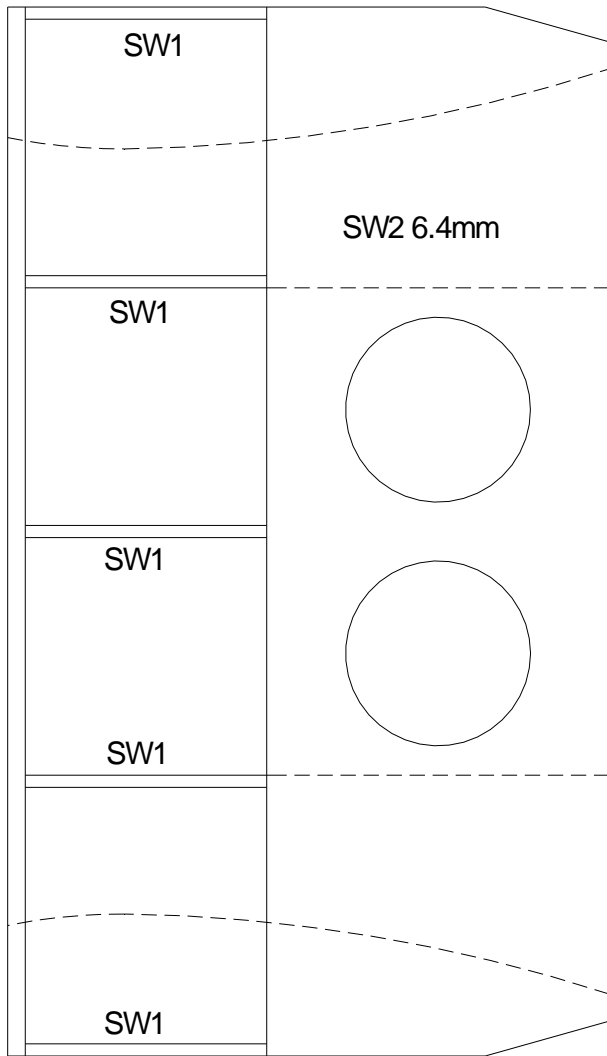
Lift struts from hard 2.4mm sheet (2 off)

Wing construction:

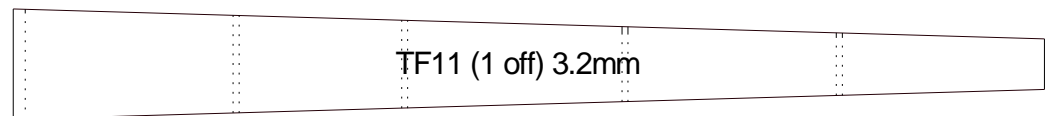
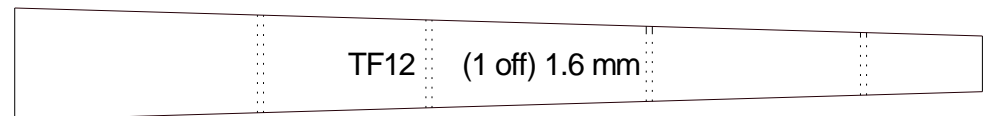
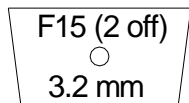
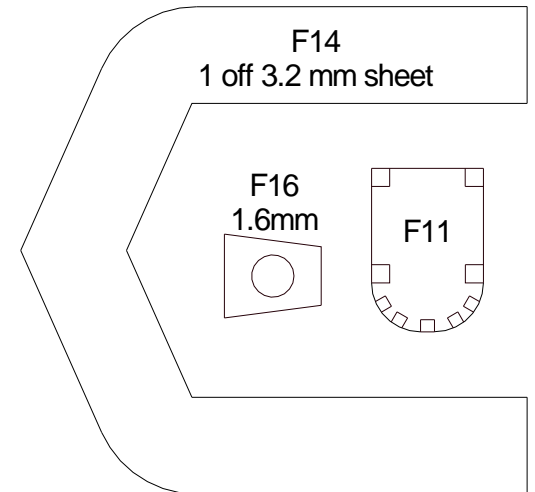
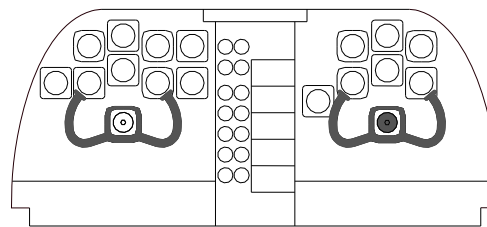
- Pin down trailing edge and position lower spars
- Glue ribs in place
- Add leading edge and upper spars
- Shape leading edge and cut out section for engine nacelles

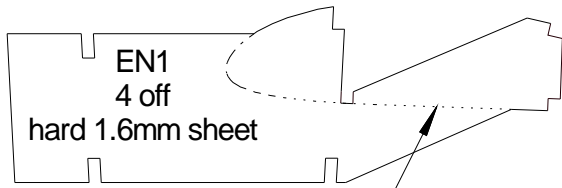




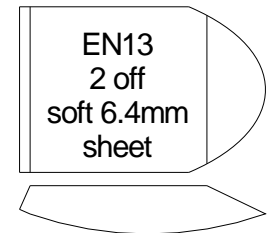
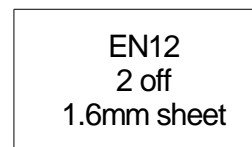
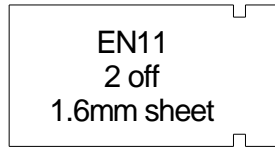
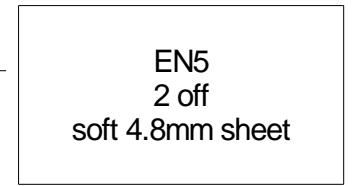
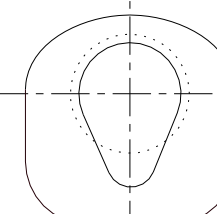
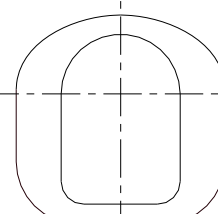
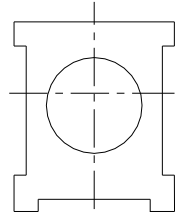
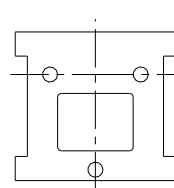
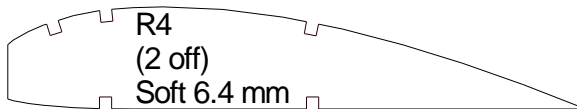
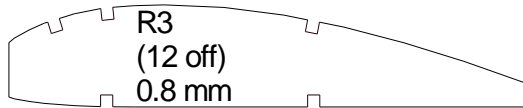
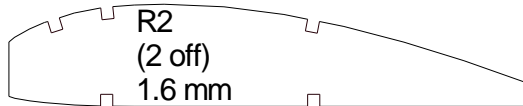
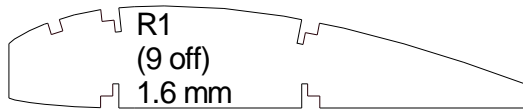
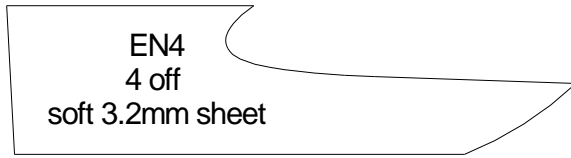


Instrument panel (glue to F4)





Location of EN4



TPR1 (2 off) 3.2mm



TPR2 (2 off 1.6mm)

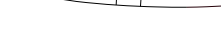


TPR3 (4 off) 1.6mm

TPR4 (2 off) 6.4mm

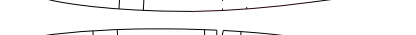


TF9 1.6 mm



TF8 1.6 mm

TF10



TF7



TF6



TF5



TF4



TF3



SW1 (5 off) 1.6mm

