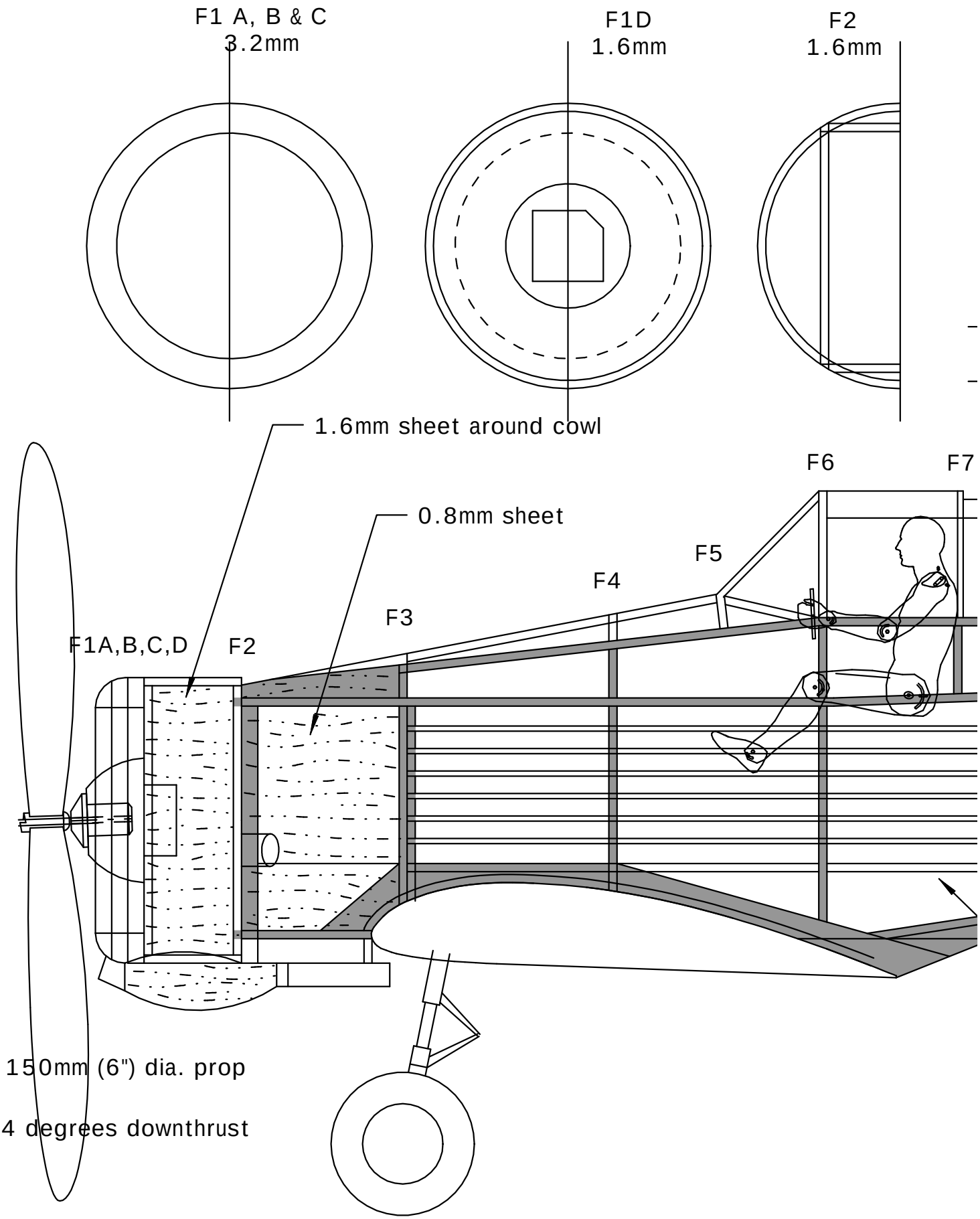
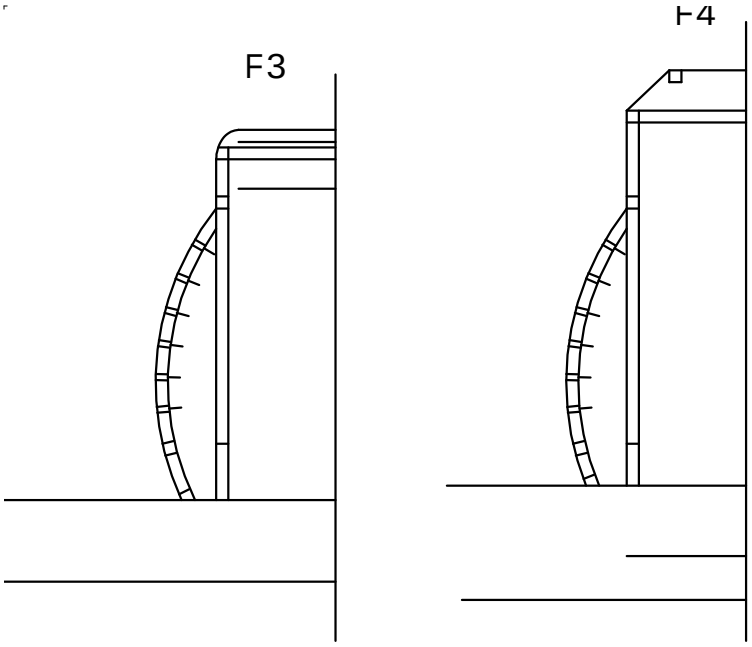
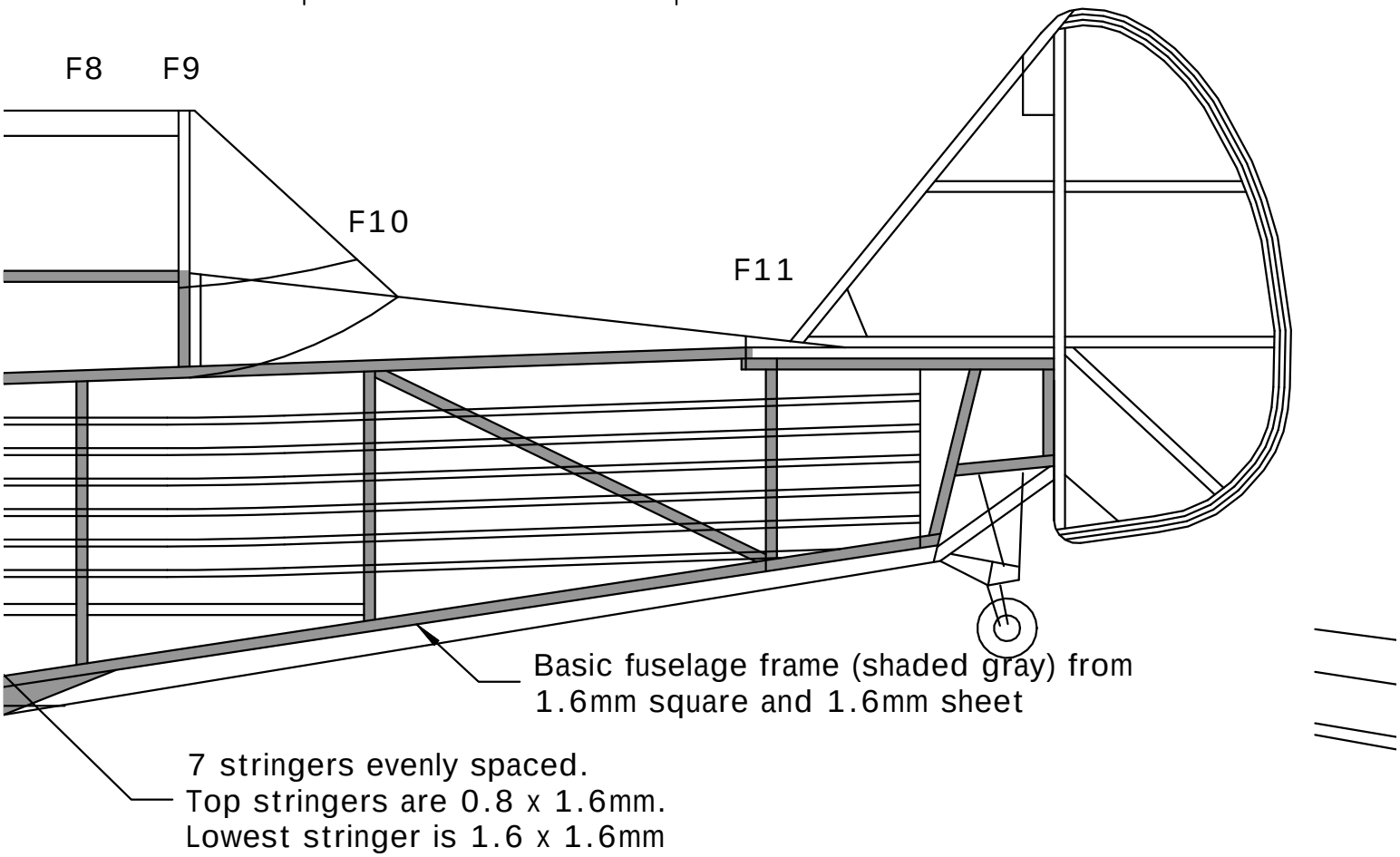

F1 A, B & C
3.2mm
F1D
1.6mm
F2
1.6mm
1.6mm sheet around cowl
F6
F7
0.8mm sheet
F5
F4
F3
F1A,B,C,D
F2
150mm (6") dia. prop
4 degrees downthrust



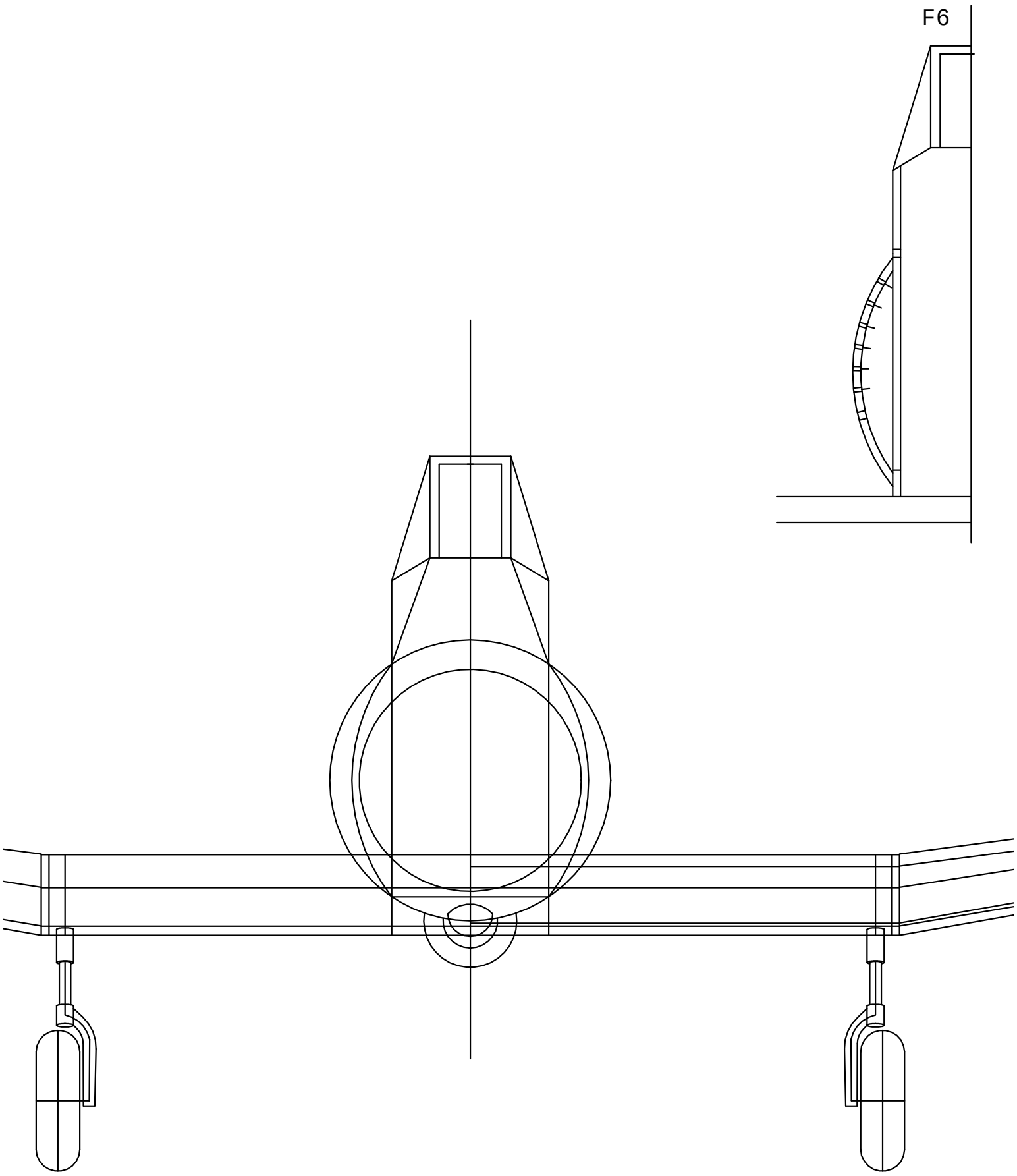


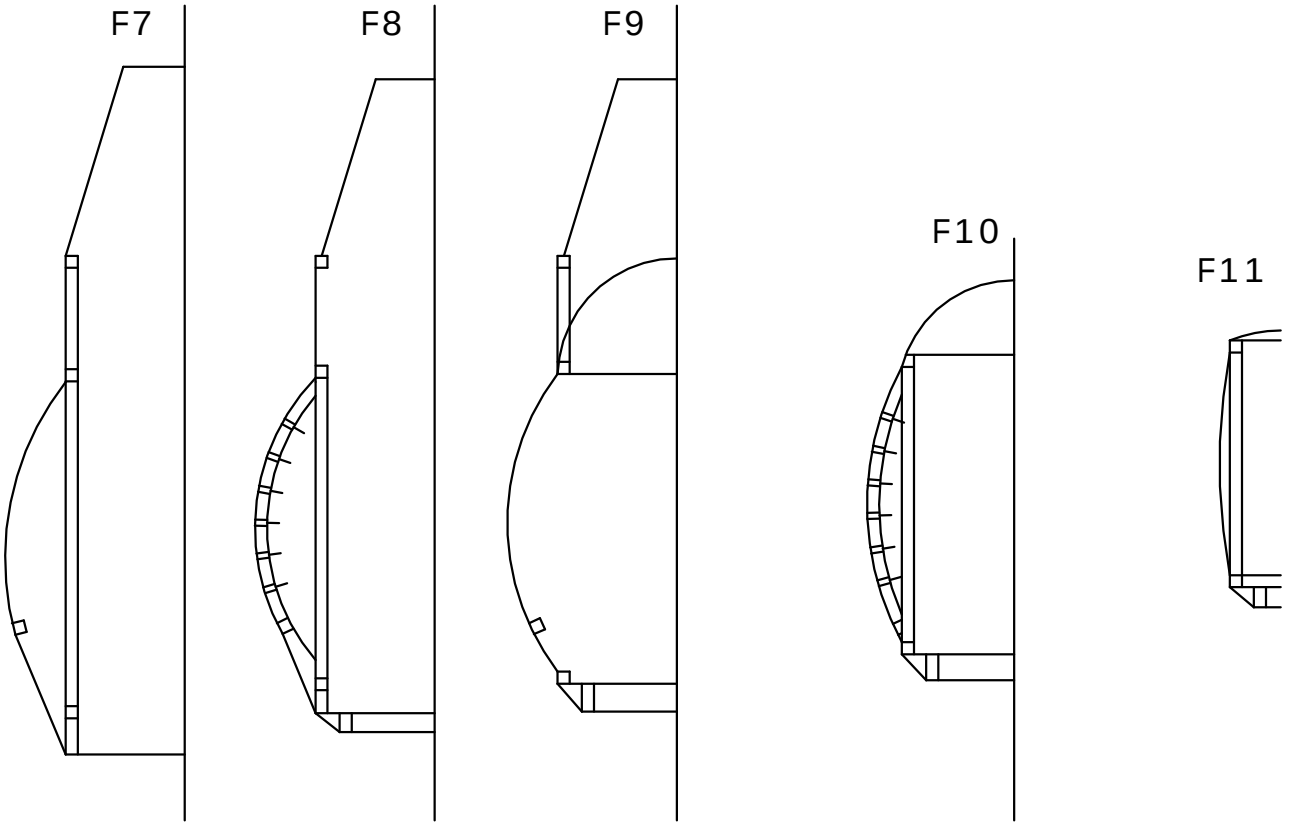
Basic fuselage frame (shaded gray) from
1.6mm square and 1.6mm sheet

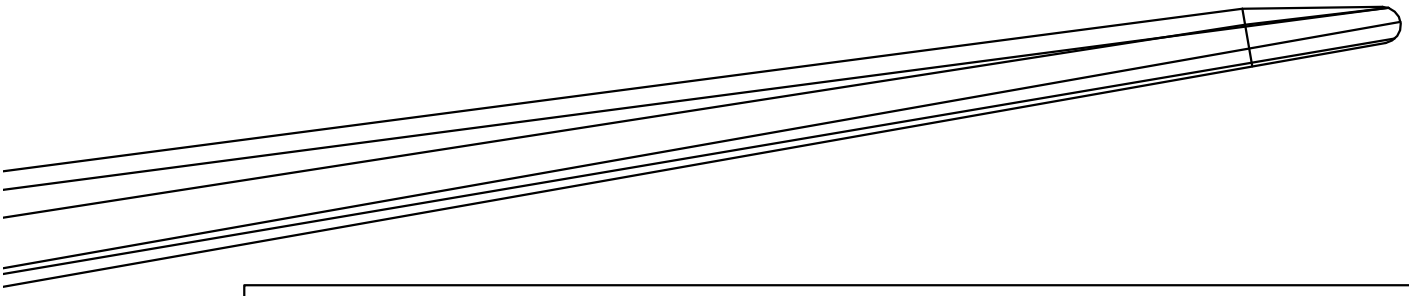
7 stringers evenly spaced.
Top stringers are 0.8 x 1.6mm.
Lowest stringer is 1.6 x 1.6mm

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"


F6



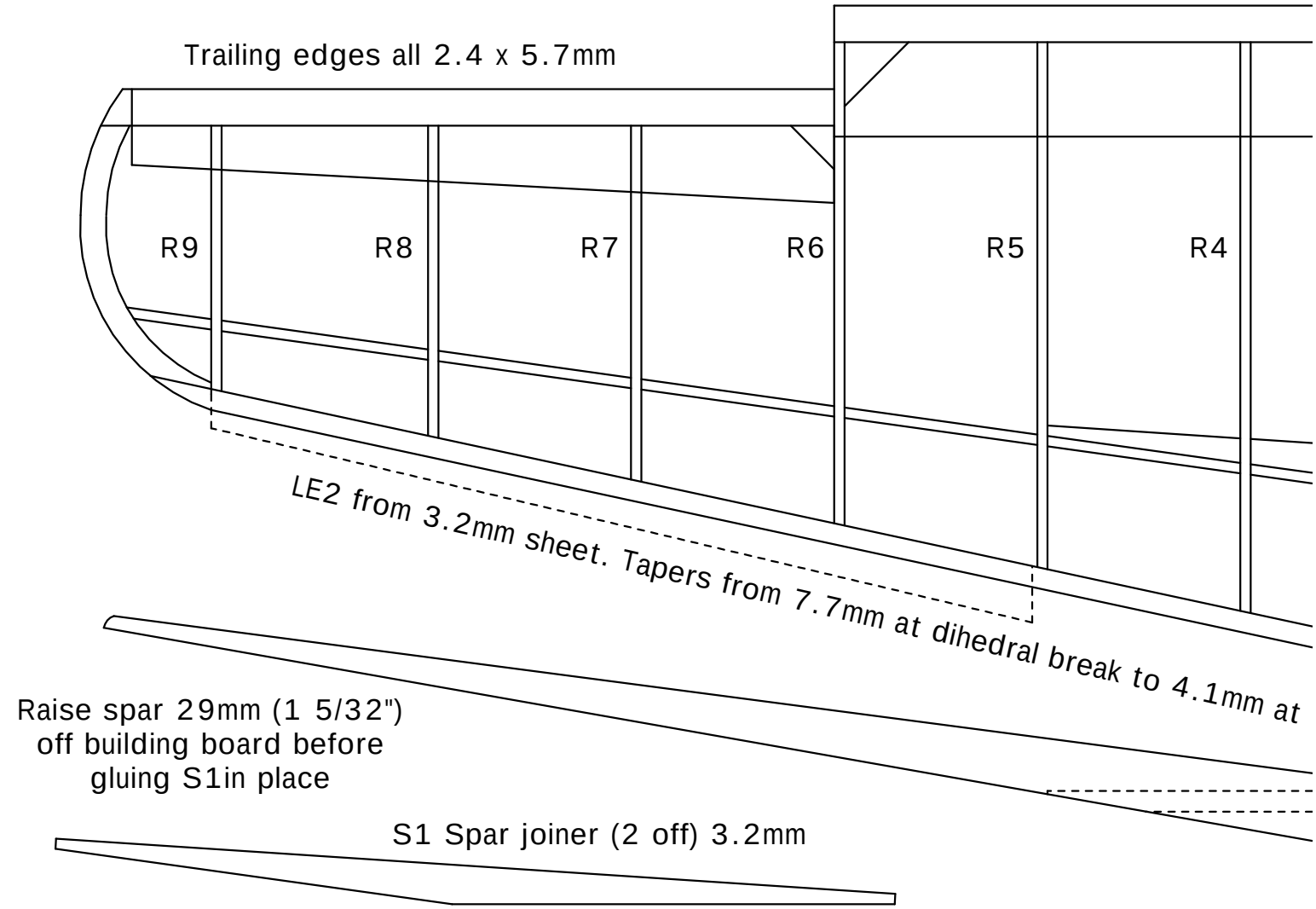


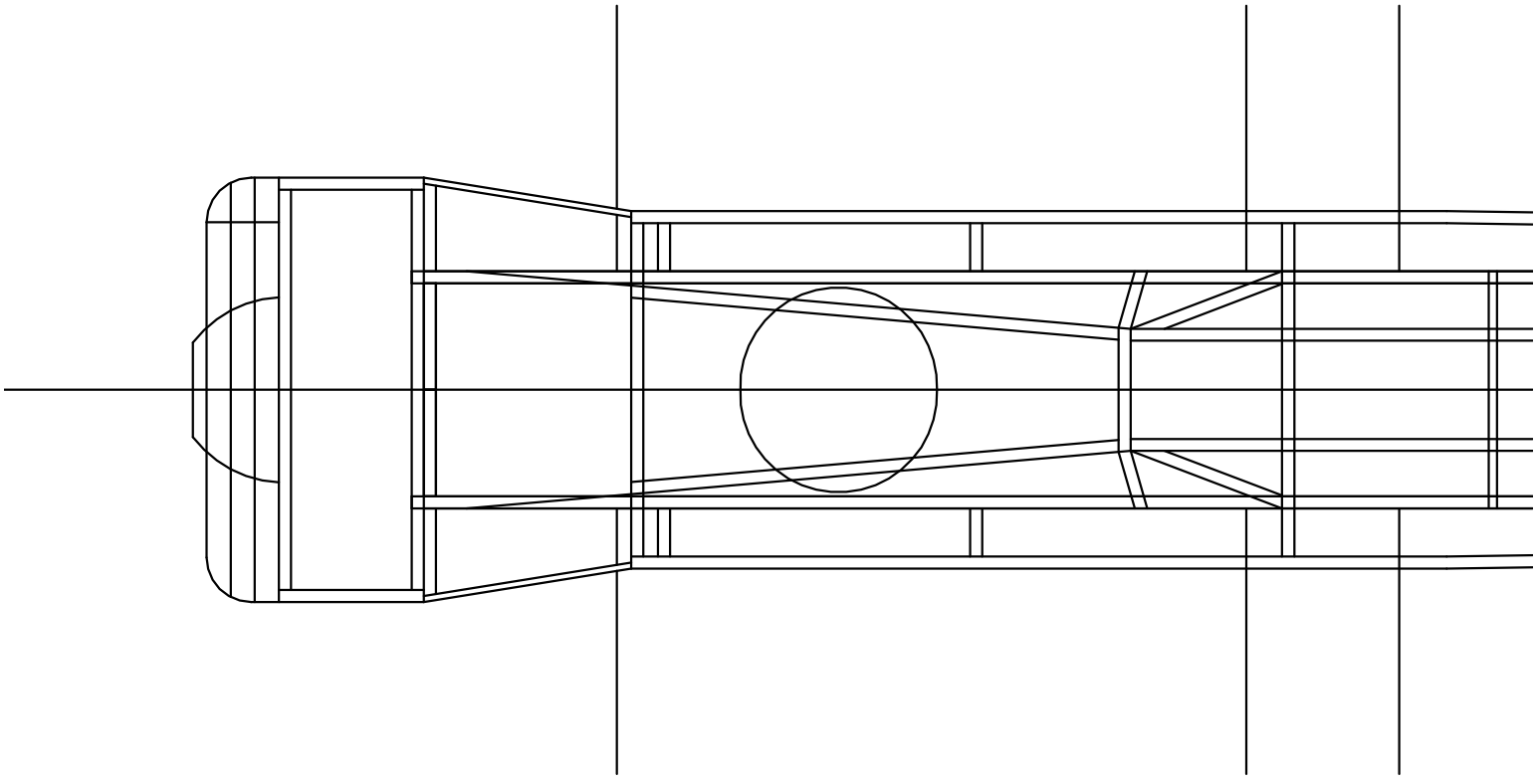
Commonwealth Aircraft Corporation CA-28 Ceres
A rubber powered flying scale model of a 1960's Australian cropduster

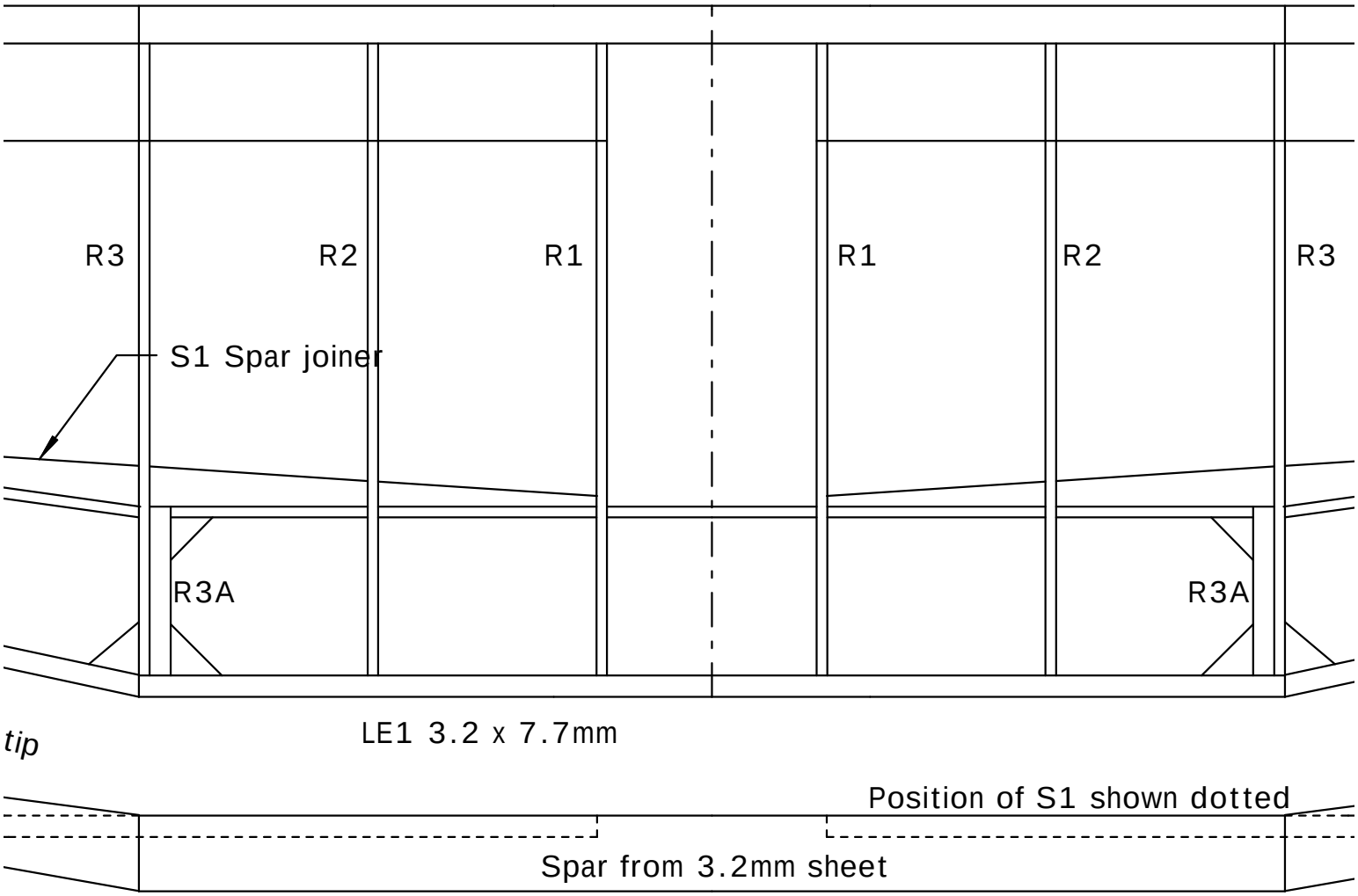
Dimensions:	**Prototype:**	**Model:**	
Span:	14.3 m	595 mm	(23.5")
Length:	9.34 m	360 mm	(14.2")
Wing area:	28.99 m²	4.38 dm²	(68.2 in²)
Weight:	3,361 kg	30 g	(1.05 oz)
Wing loading:	23.75 lb/ft²	6.85 g/dm²	(2.2 oz/ft²)
Power:		2 loops 3.2 x 300 mm	
Scale:		1 : 24	

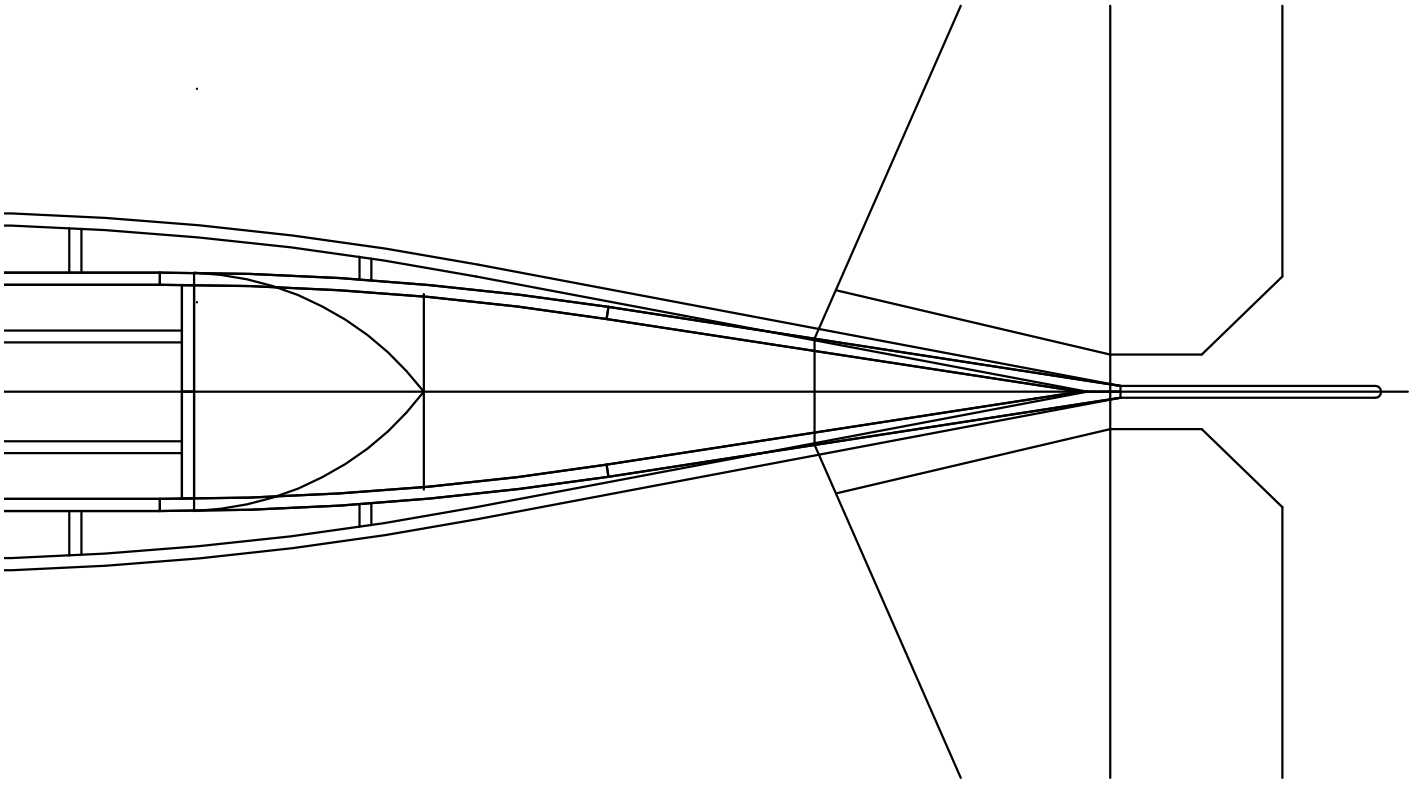
Model designed by Derek Buckmaster December 2001

DB Design Bureau

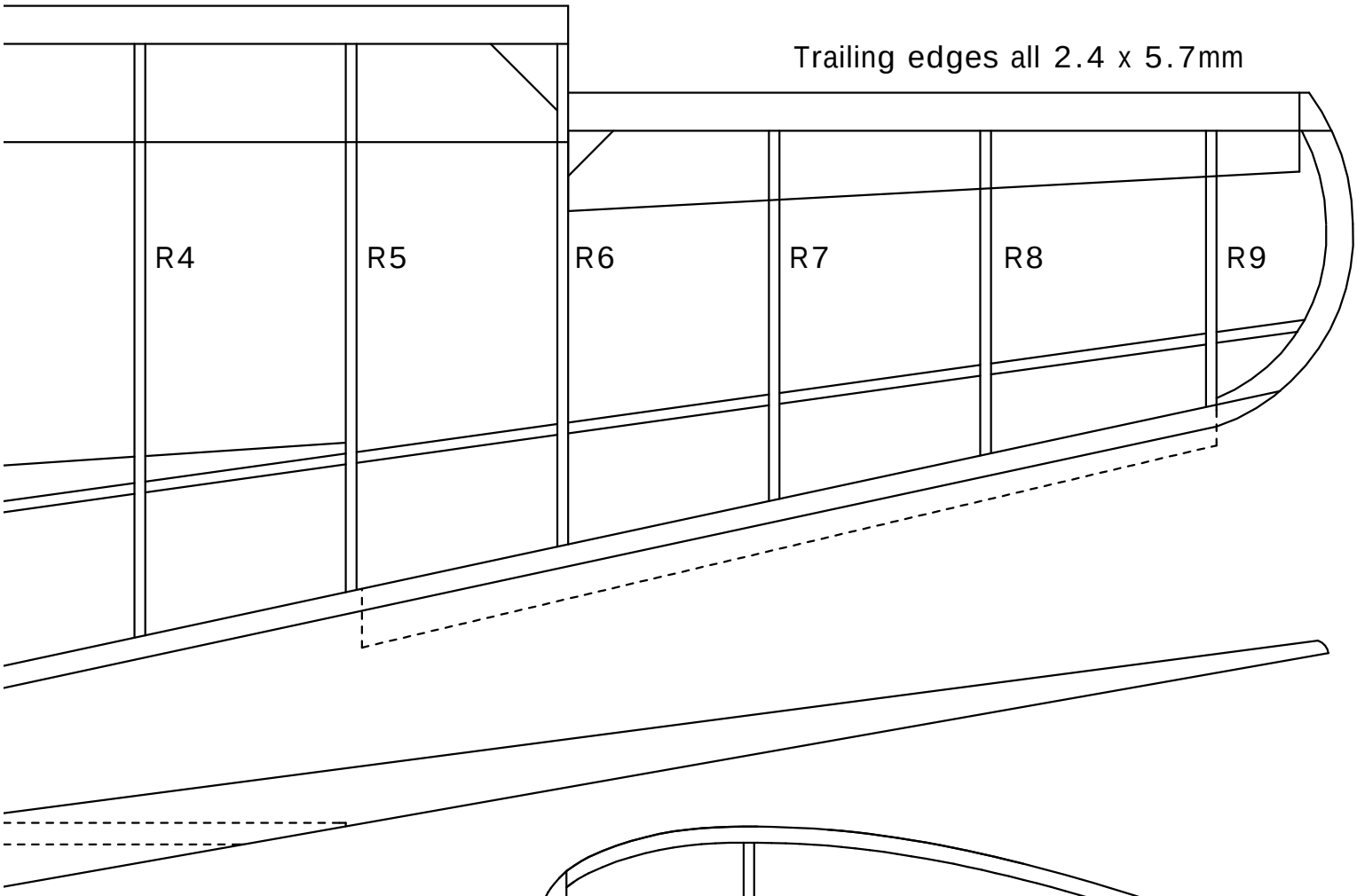

Trailing edges all 2.4 x 5.7mm
R9
R8
R7
R6
R5
R4
LE2 from 3.2mm sheet. Tapers from 7.7mm at dihedral break to 4.1mm at
Raise spar 29mm (1 5/32")
off building board before
gluing S1in place
S1 Spar joiner (2 off) 3.2mm




R3
R2
R1
R1
R2
R3
S1 Spar joiner
R3A
R3A
tip
LE1 3.2 x 7.7mm
Position of S1 shown dotted
Spar from 3.2mm sheet

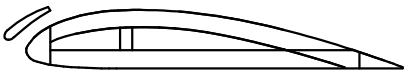


Trailing edges all 2.4 x 5.7mm

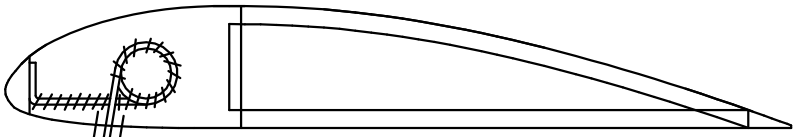


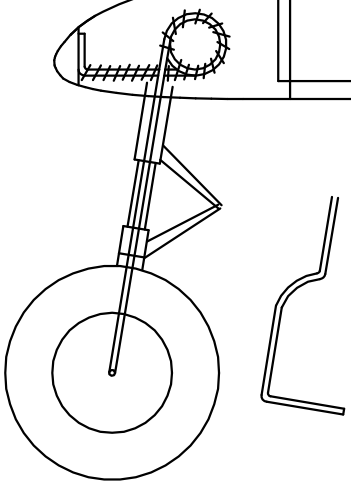
Wing section at R1

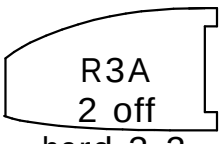
Wing section at R6



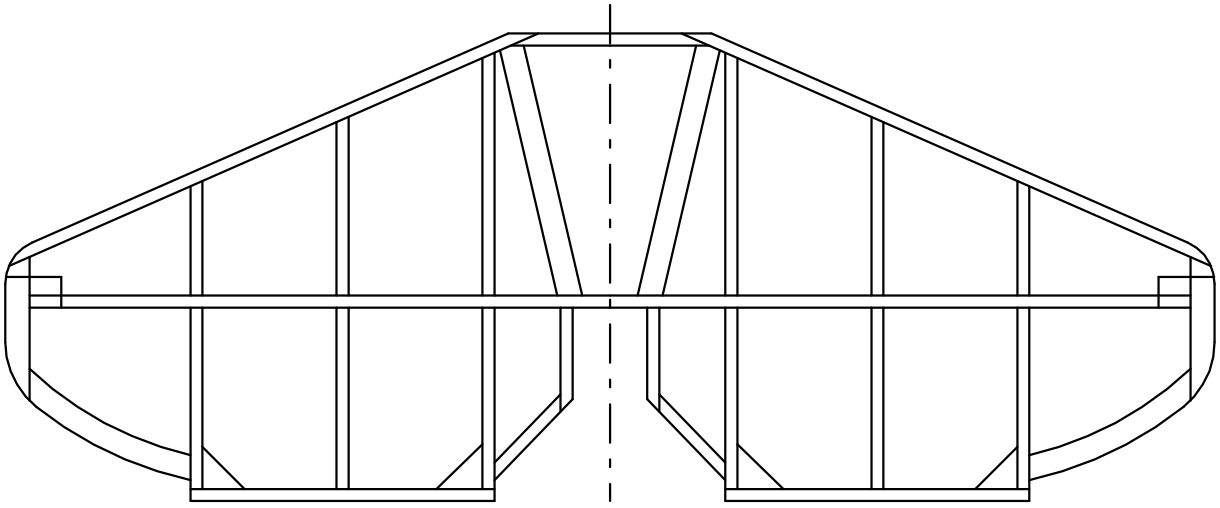
Wing section at R9







R3A
2 off
hard 3.2



Tail plane from 1.6mm square
and 1.6mm sheet