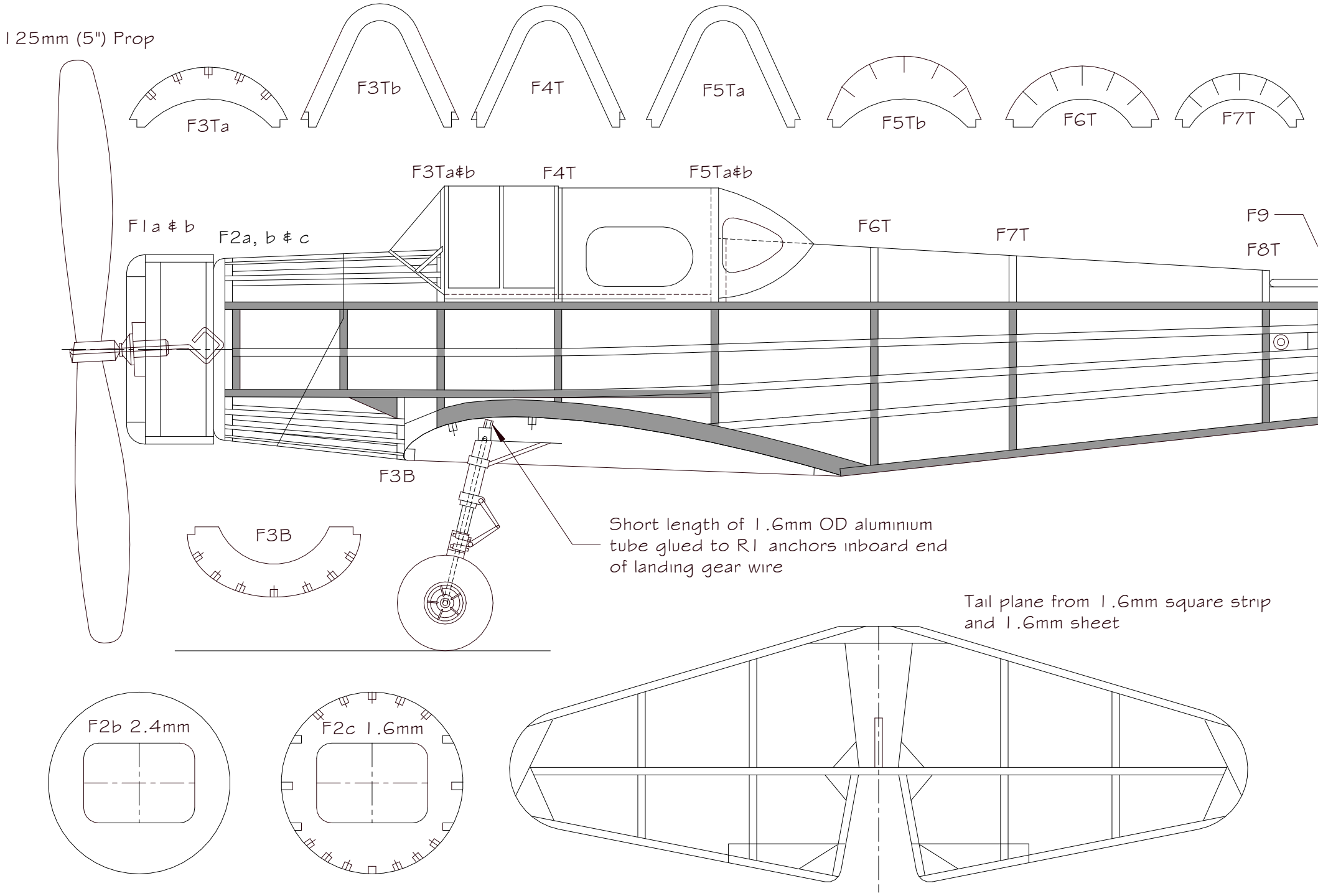
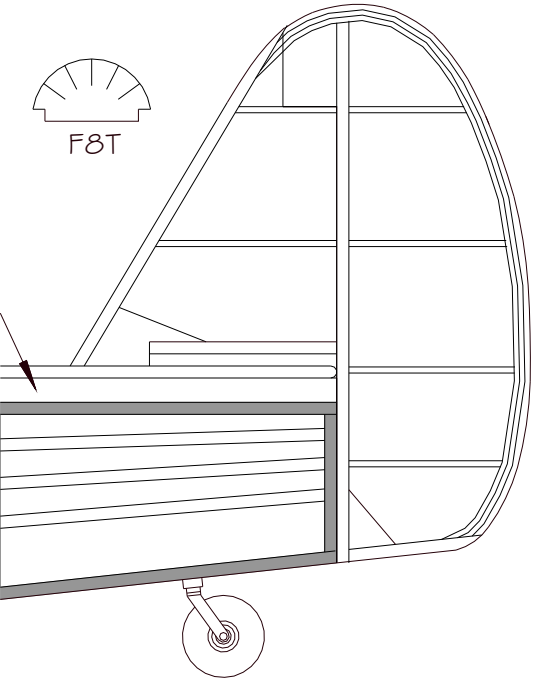
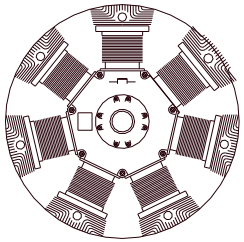
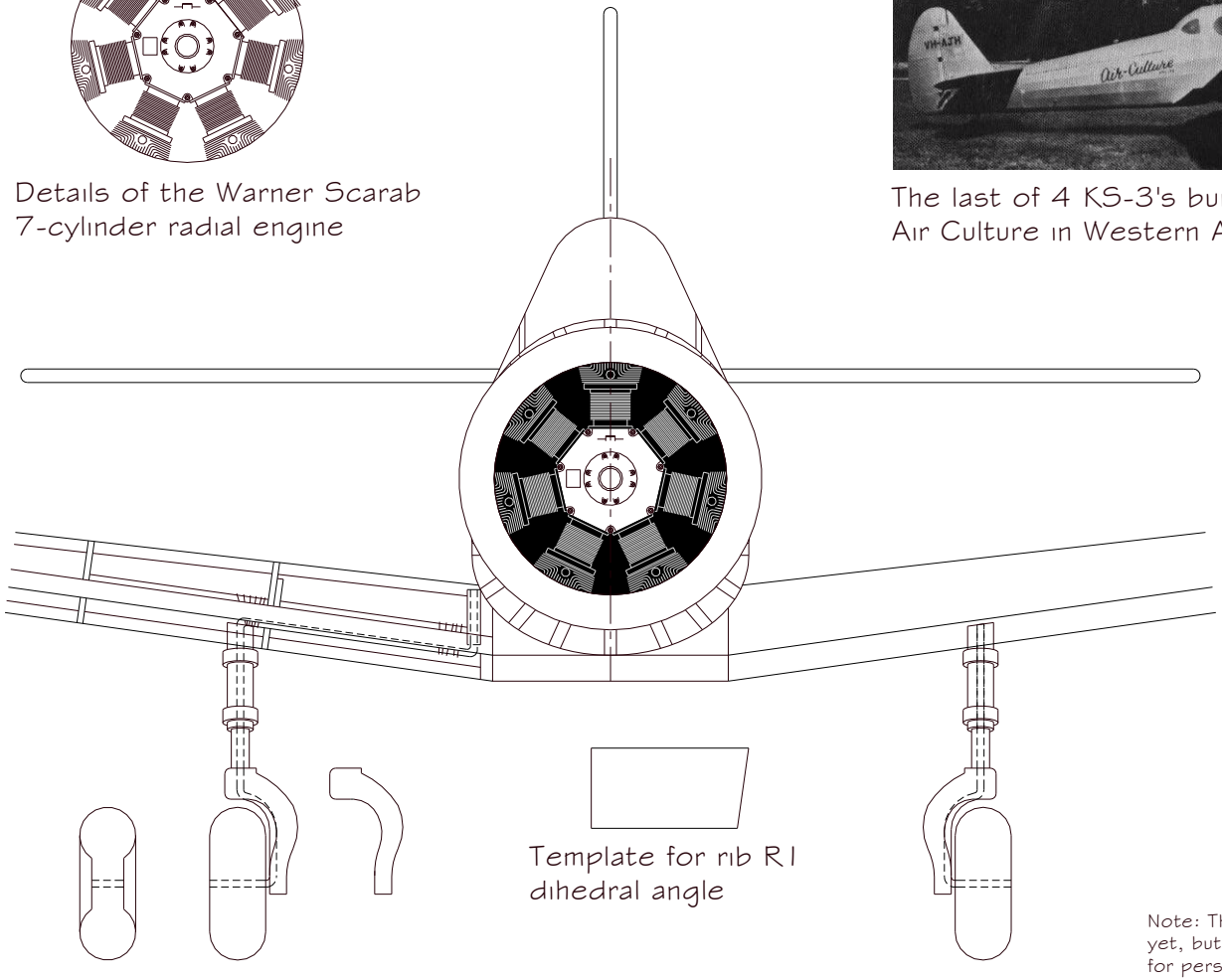

125mm (5") Prop
F3Ta
F3Tb
F4T
F5Ta
F5Tb
F6T
F7T
F3Ta&b
F4T
F5Ta&b
F1a & b
F2a, b & c
F6T
F7T
F9
F8T
F3B
F3B
Short length of 1.6mm OD aluminium tube glued to R1 anchors inboard end of landing gear wire
Tail plane from 1.6mm square strip and 1.6mm sheet
F2b 2.4mm
F2c 1.6mm





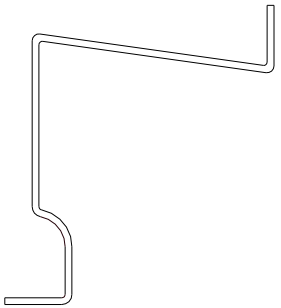
Details of the Warner Scarab 7-cylinder radial engine

The last of 4 KS-3's built, VH-AJH of Air Culture in Western Australia.



Template for rib R1 dihedral angle

Bend undercarriage from 0.8mm (0.032") piano wire. Bend 2 the same.



Note: This plan has **not** been test-flown yet, but is released free of charge for personal use.

Metric conversions:

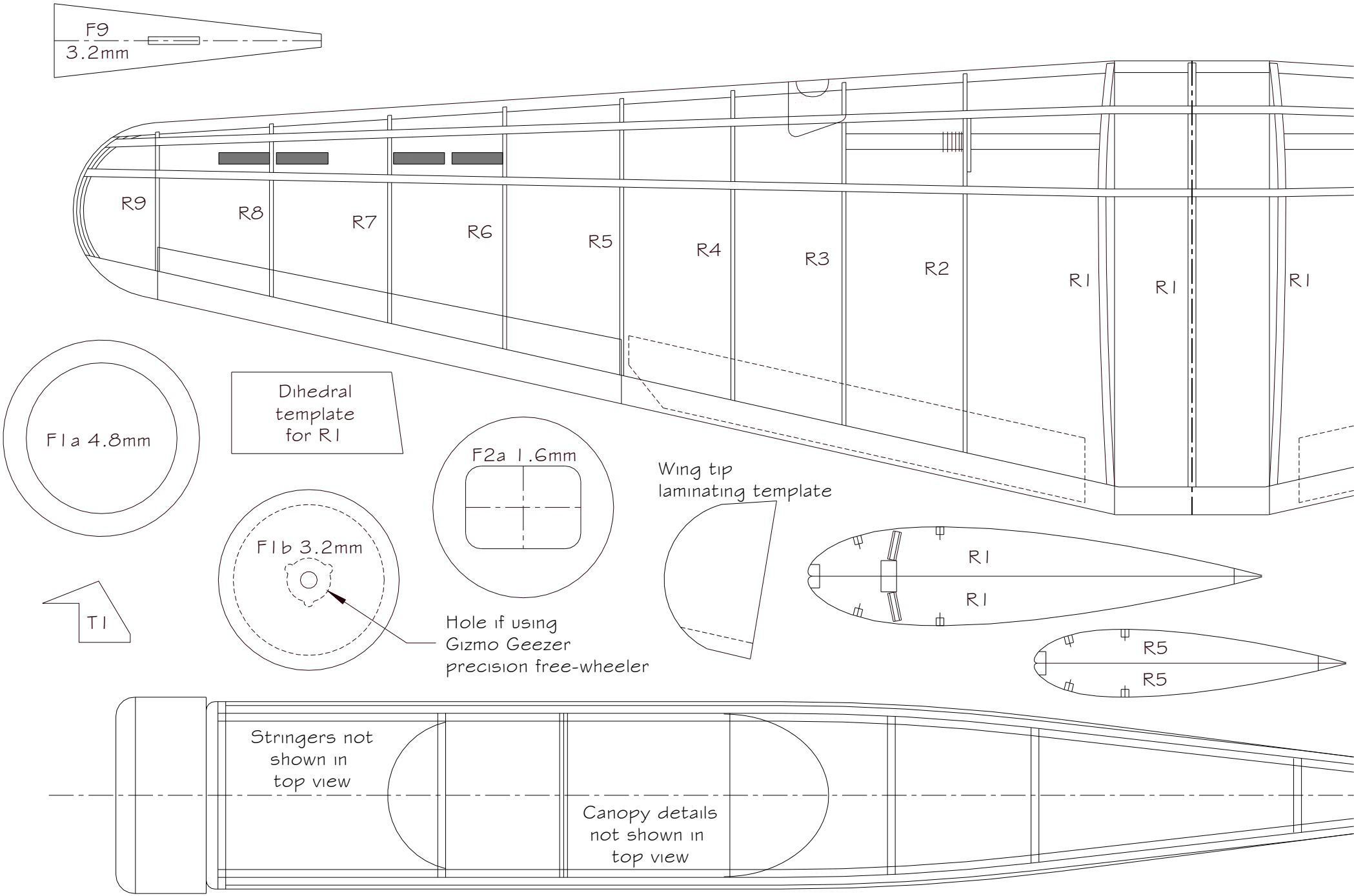
0.8mm	1/32"
1.6mm	1/16"
2.4mm	3/32"
3.2mm	1/8"
4.8mm	3/16"
6.4mm	1/4"

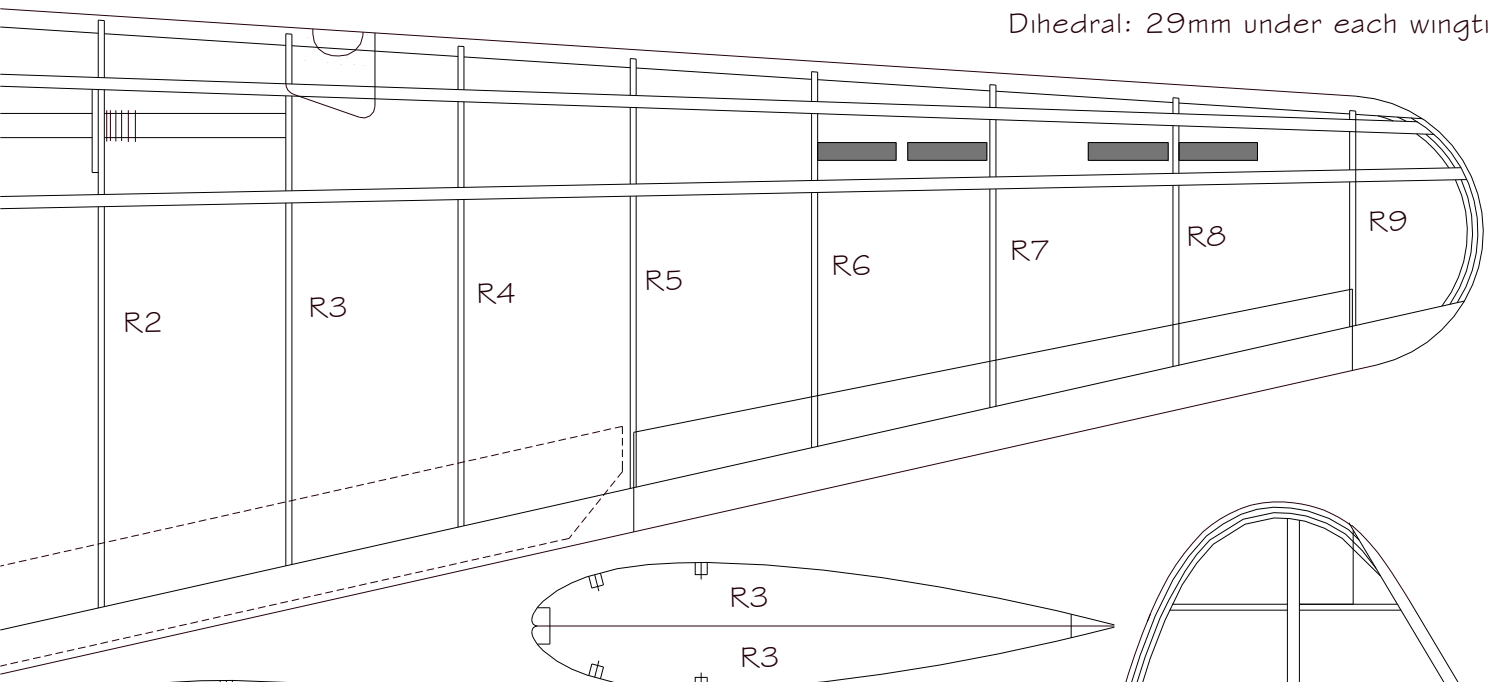
Kingsford Smith Aviation Services KS-3

A rubber powered flying scale model of a 1950's Australian cropduster

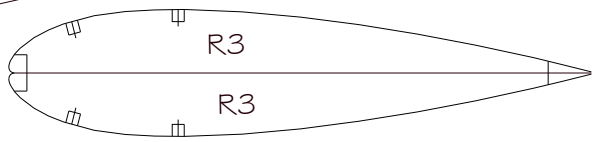
Dimensions:	Prototype:	Model:	
Span:	11.28 m	457 mm	(18")
Length:	7.93 m	323 mm	(12.7")
Wing area:	17.09 m²	2.81 dm²	(43.5 in²)
Weight:	1,188 kg	28 g	(1.0 oz)
Wing loading:	14.1 lb/ft²	9.97 g/dm²	(3.3 oz/ft²)
Power:	Scarab	1 loop 3.2 x 300 mm	
Scale:		1 : 24.67	

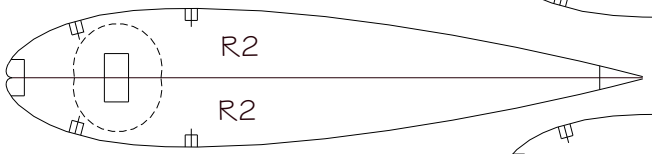
Model designed by
Derek Buckmaster
August 2002

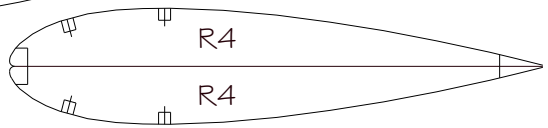

F9
3.2mm
R9
R8
R7
R6
R5
R4
R3
R2
R1
R1
R1
F1a 4.8mm
Dihedral
template
for R1
F2a 1.6mm
Wing tip
laminating template
F1b 3.2mm
T1
Hole if using
Gizmo Geezer
precision free-wheeler
R1
R1
R5
R5
Stringers not
shown in
top view
Canopy details
not shown in
top view

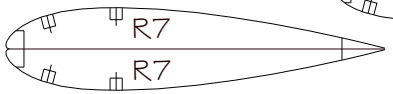


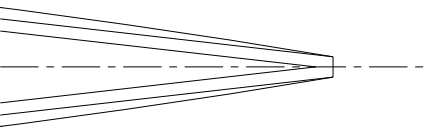
Dihedral: 29mm under each wingtip

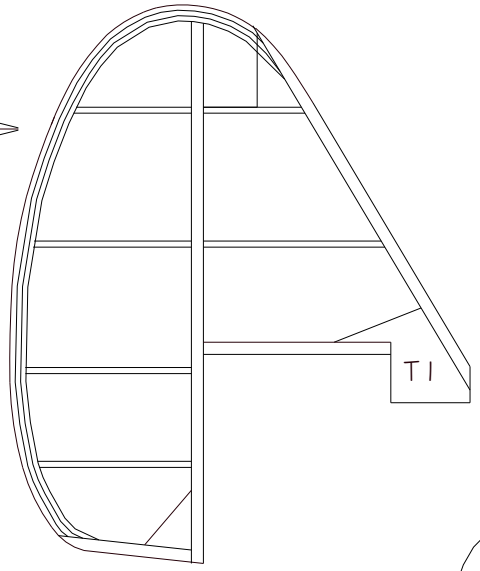




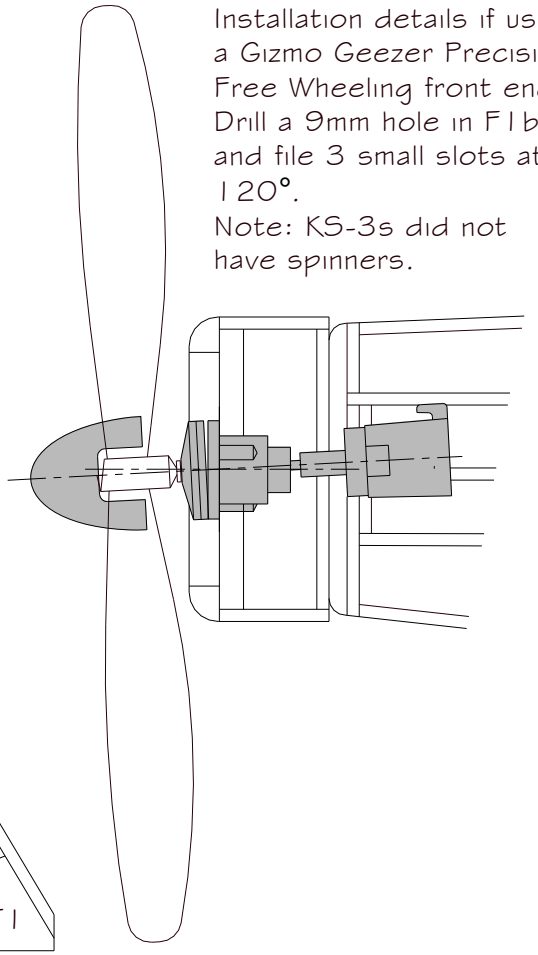








Installation details if using a Gizmo Geezer Precision Free Wheeling front end. Drill a 9mm hole in F1b and file 3 small slots at 120°.
Note: KS-3s did not have spinners.



Template for laminating tail fin outline. Cut from scrap 1.6mm sheet.