

N1
2.4mm
(2 off)

WF

Soft 6.4mm sheet
(4 off)

F8T
1.6mm

F7T
1.6mm

F1B 3.2mm

F4T

F5T

F6T

F2

F3

F1A&B

F11

0.8mm sheet on
top side and
underside of nose

Exhaust pipes from
scrap balsa

Position of
WF (before
sanding to
shape)

W7

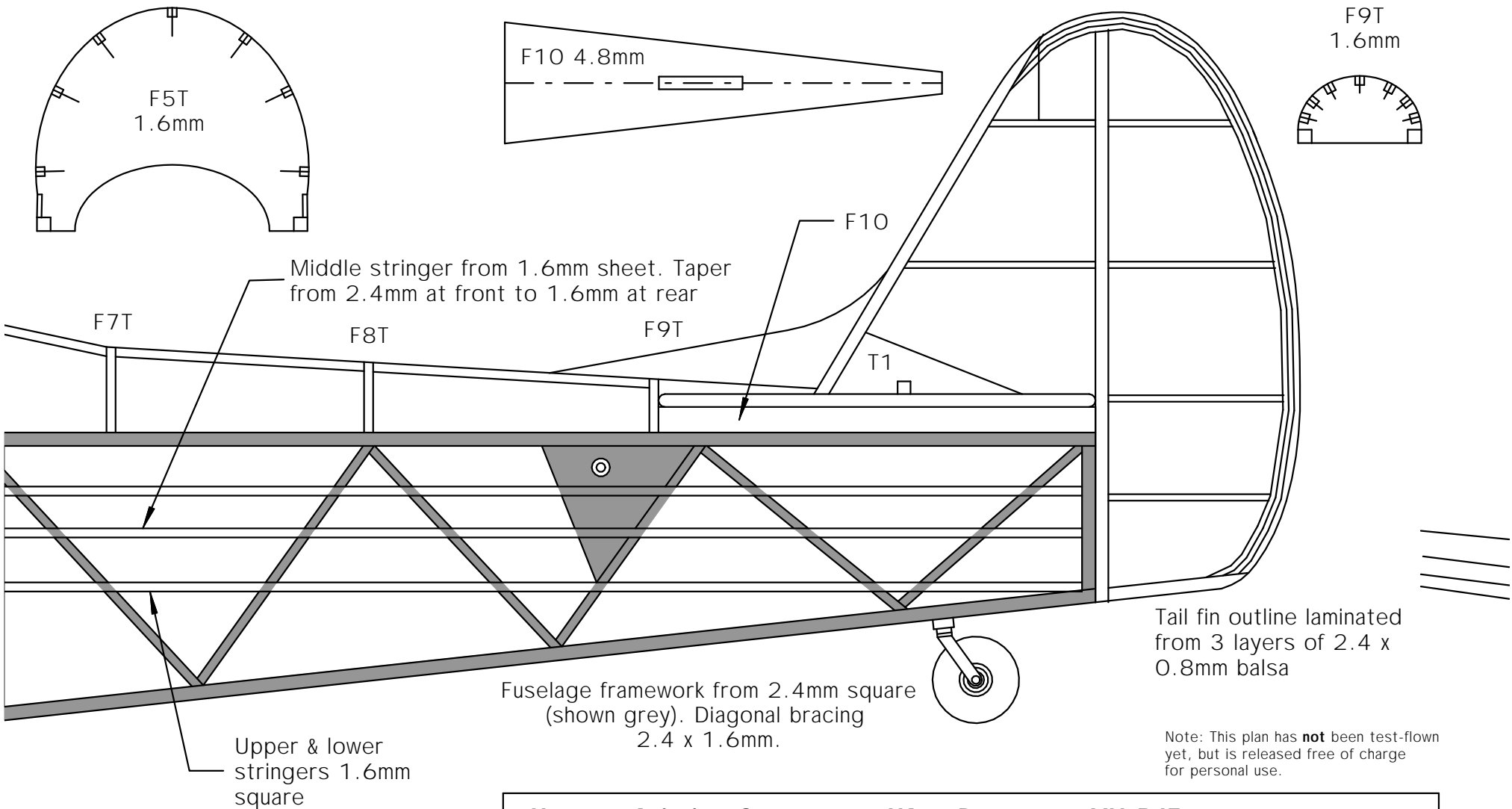
W6

W5

W4

F2
1.6mm

6" or 7" Prop



All wing ribs from 1.6mm sheet

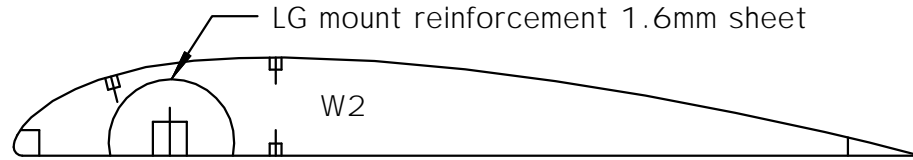
Yeoman Aviation Cropmaster YA-1 Prototype VH-BJF			
A rubber powered flying scale model of a 1950's Australian cropduster			
Dimensions:	Prototype:	Model:	
Span:	10.36 m	610 mm	(18")
Length:	8.08 m	488 mm	(12.7")
Wing area:	16.50 m ²	5.70 dm ²	(43.5 in ²)
Weight:	1,542 kg	60 g	(1.0 oz)
Wing loading:	19.1 lb/ft ²	10.52 g/dm ²	(3.3 oz/ft ²)
Power:	250 hb	2 loops 3.2 x 600 mm	
Scale:		1 : 17	

Model designed by
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Fill this section with sheet to support landing gear mounts at W1, W2 and W3



Typical sliced rib section

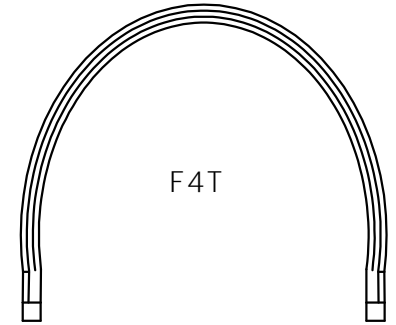


LG mount reinforcement 1.6mm sheet

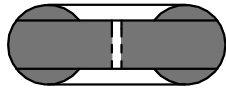
W2



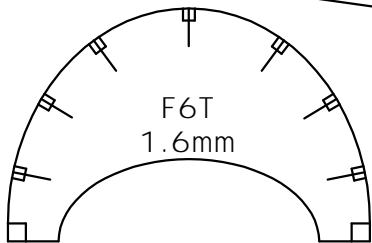
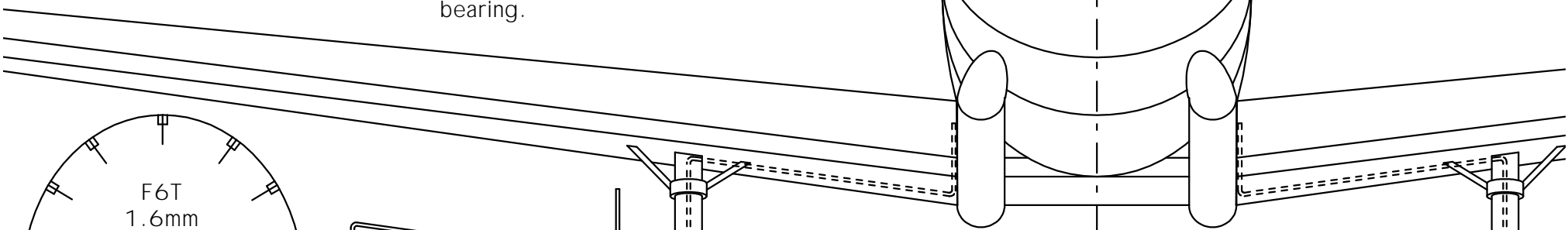
W3



F4T



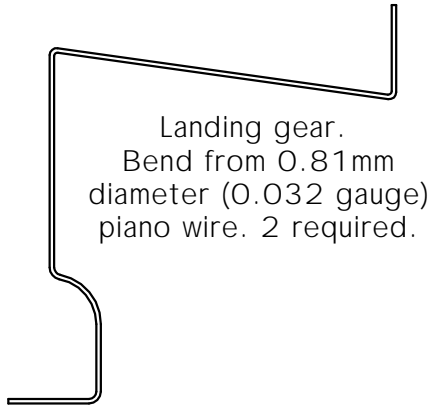
Wheels turned from sheet balsa.
Middle lamination 6.4mm, sides from 2.4mm.
1.6mm OD aluminium tubing for bearing.



F6T
1.6mm

Metric conversions:

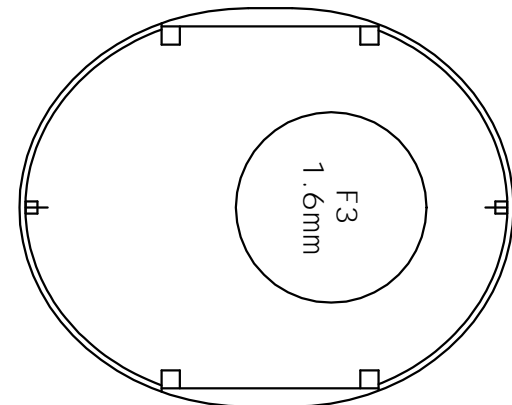
0.8mm	1/32"
1.6mm	1/16"
2.4mm	3/32"
3.2mm	1/8"
4.8mm	3/16"
6.4mm	1/4"



Landing gear.
Bend from 0.81mm diameter (0.032 gauge) piano wire. 2 required.

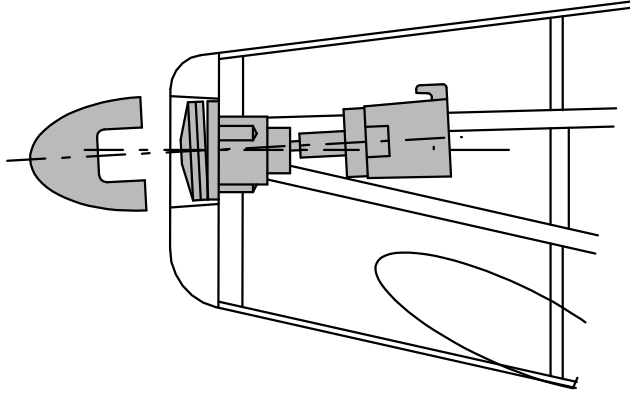


Wheel struts from 6.4mm hard sheet (2 off)

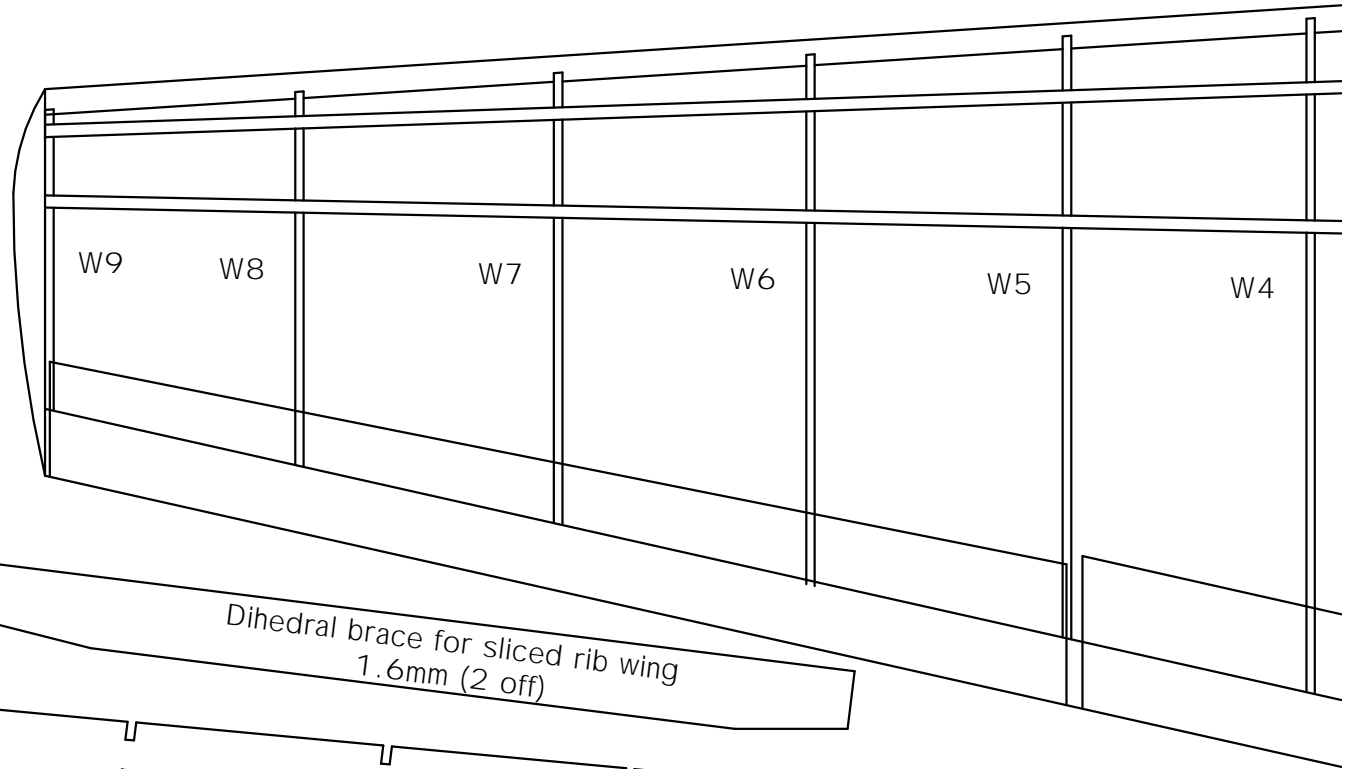


F3
1.6mm

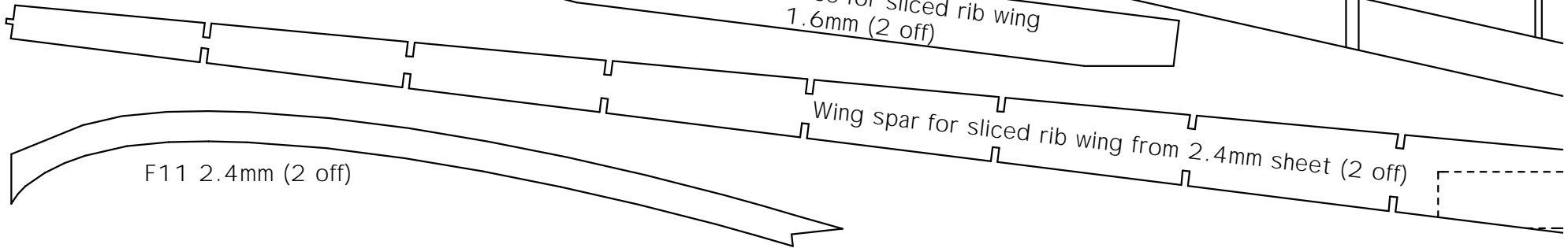
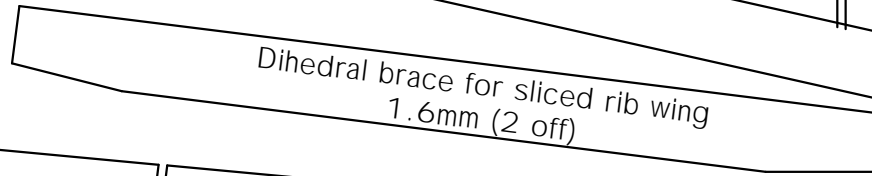
Nose construction showing installation of Gizmo Geezer Precision Free Wheeler front end.



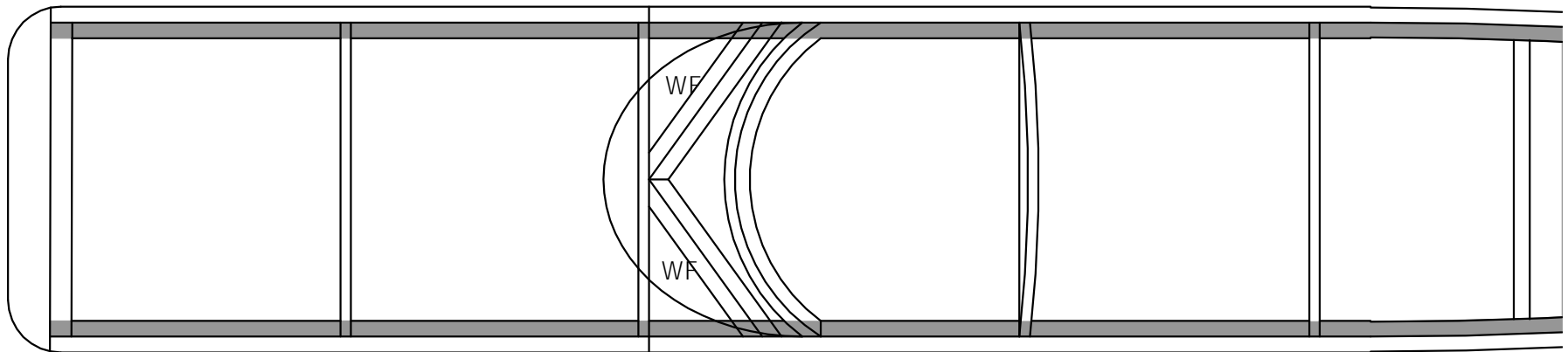
Sheet 1 of 6



Drill a 13mm diameter hole in F1A.
Drill a 9mm diameter hole in the locating piece in F1B.



F11 2.4mm (2 off)



4.5mm square h

