

OHKA STATISTICS:

- SPAN: 5.12m
- LENGTH: 6.06m
- MAX. WEIGHT: 2140kg
- PAYLOAD: 1200kg
- PROPULSION: 3 x 800kg THRUST SOLID FUEL ROCKETS
- RANGE: 37km
- SPEED: 649kmh (933kmh IN FINAL DIVE)

CARVE NOSE FROM
BALSA BLOCK
HOLLOWED TO TAKE
NOSE-WEIGHT

NOTE! FORMERS F2 TO F9
ARE 'NOTCHLESS'

SHEET INFIL BETWEEN
STRINGERS THEN CUT RECESS
FOR HORIZ. STAB.

SHEET FILL BETWEEN STRINGERS
AROUND BASE OF CANOPY. IF OPEN
COCKPIT IS DESIRED CUT AWAY
STRINGERS KEEL AND FORMERS TO
FORM OPENING

CANOPY MOULDED FROM ACETATE

TO FORM TAIL CONE PACK FORMERS F11A/B
APART WITH SCRAP BALSA THEN CLAD
WITH SOFT 1.5MM SHEET. ONCE GLUE IS
SET CUT AWAY F11B AND PACKING PIECES,
THEN TRIM TO FINAL SHAPE.

SHEET INFIL FROM NOSE TO
THIS LINE

SHEET INFIL BETWEEN
STRINGERS IN WING ROOT
AREA BETWEEN F3 & F6

PAPER TUBE MOTOR MOUNT
WITH WIRE RETAINING CLIP

C of G
WITH USED MOTOR

WING ROOT FAIRING FROM
STIFF PAPER. OPTIONAL NOT
FITTED TO ALL OHKAS

LINE TROUGH WITH PAPER
THEN ALUMINIUM FOIL
BETWEEN F4 & F8

LAMINATE 2 X 1.5mm sq.
STRINGERS BETWEEN F5 & F10
TO FORM TROUGH EDGE

3 OFF DUMMY ROCKET TUBES

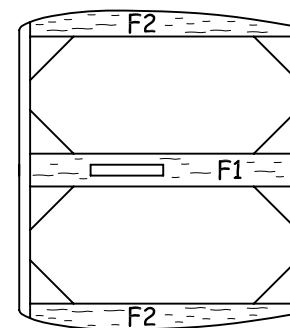
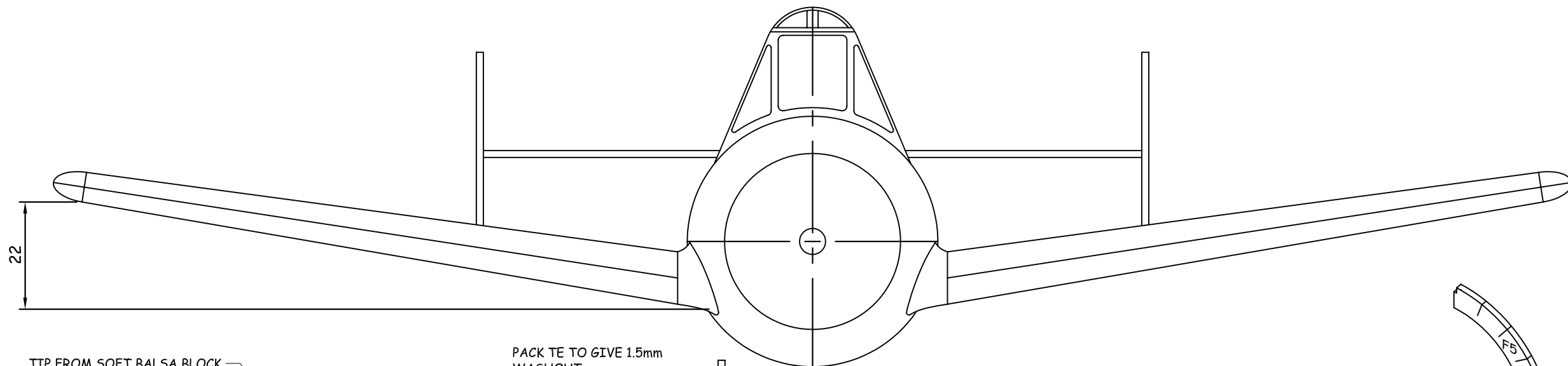


STRINGERS REMOVED FOR CLARITY

METRIC TO IMPERIAL COVERSION:
(FOR THE OLDTIMERS!)

0.8mm	= 1/32"
1.5mm	= 1/16"
3mm	= 1/8"
4.5mm	= 3/16"
6mm	= 1/4"

YOKOSUKA MXY7 'OHKA'
317mm (12.5") SPAN FOR RAPIER L2
SHEET 1 OF 3 Drawn by Steve Bage



FIN - 2 OFF

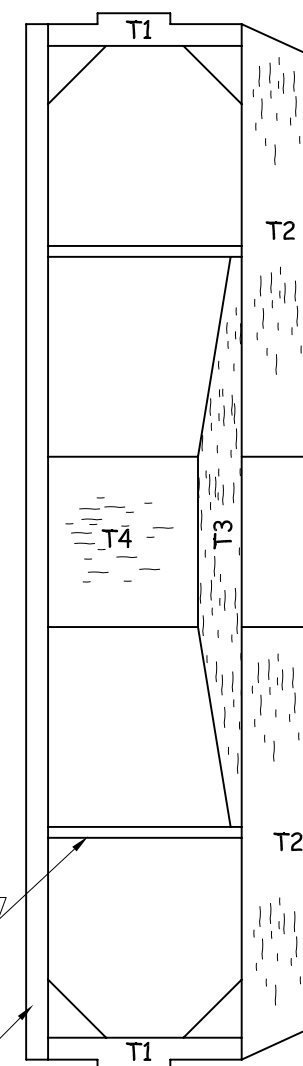
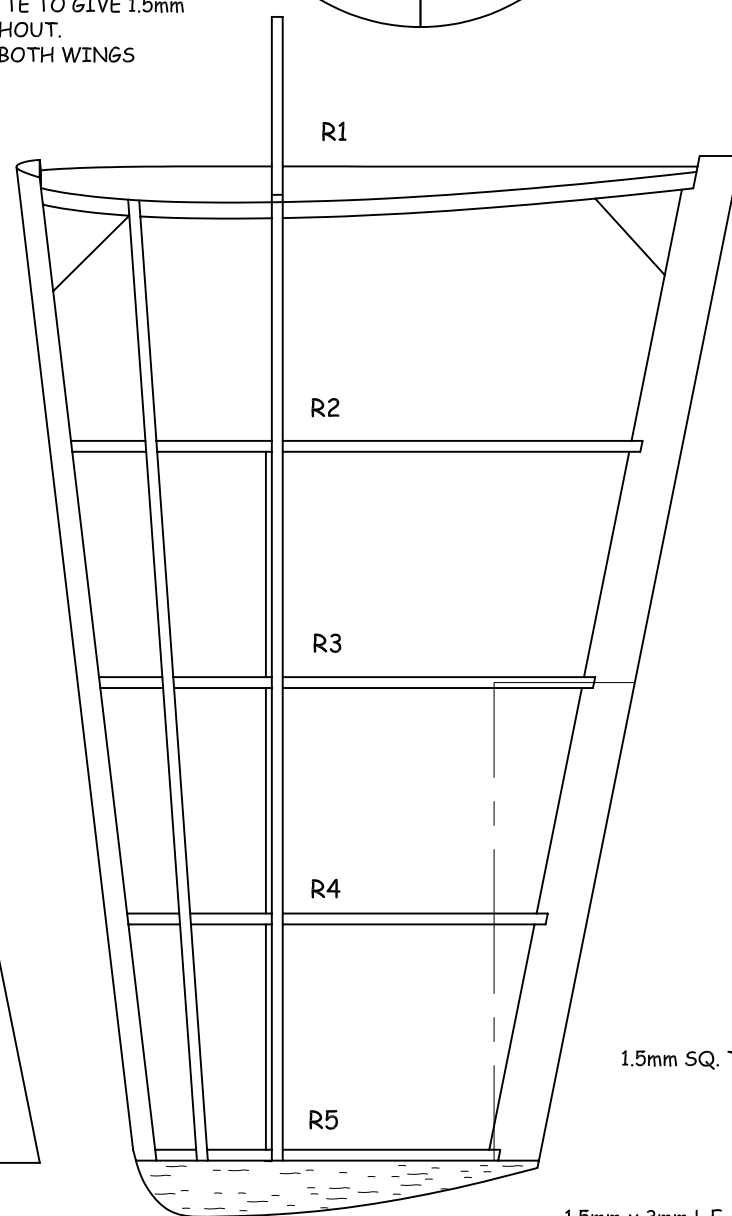
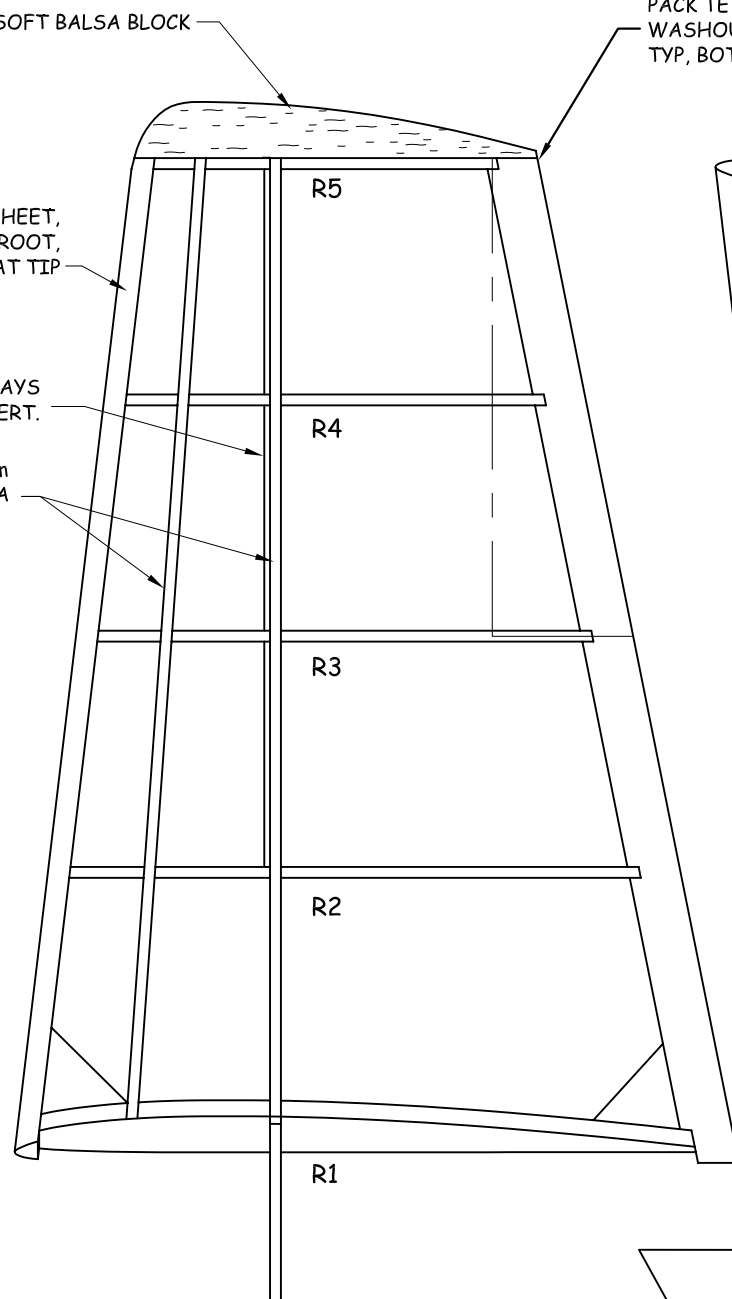
TIP FROM SOFT BALSA BLOCK

PACK TE TO GIVE 1.5mm
WASHOUT.
TYP, BOTH WINGS

L.E. FROM 3mm SHEET,
5.5mm DEEP AT ROOT,
4mm AT TIP

WEB ALL BAYS
0.8mm, GRAIN VERT.

ALL SPARS 1.5mm
SQ. BALSA

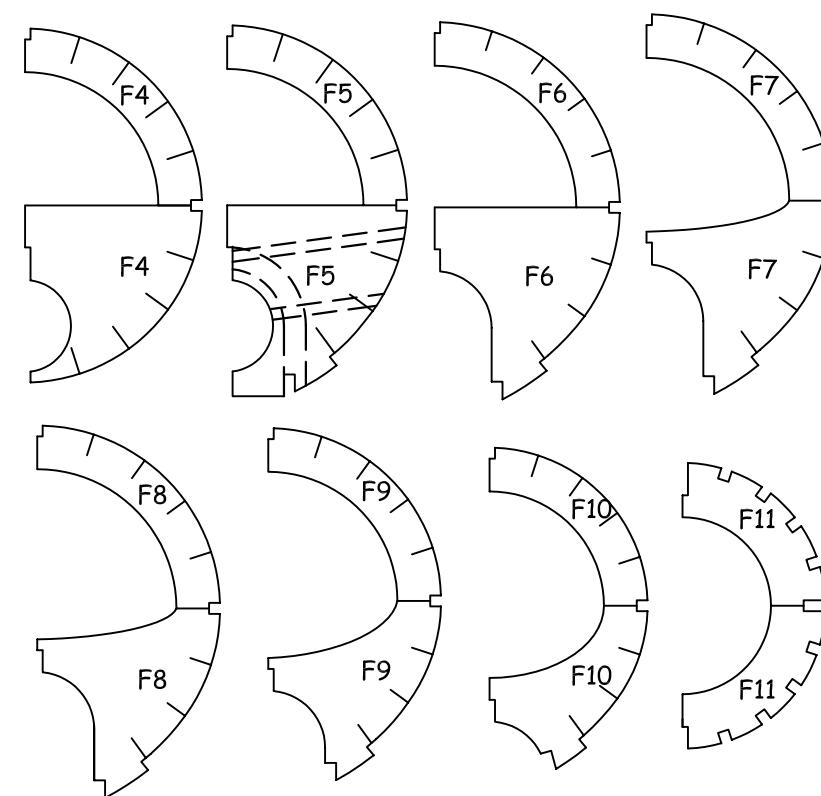


1.5mm SQ. TYP.

1.5mm x 3mm L.E.



2 x 1.5 SQ STRIPS
TOGETHER WITH F5B
FORMS BOX TO RECEIVE
STUB SPAR

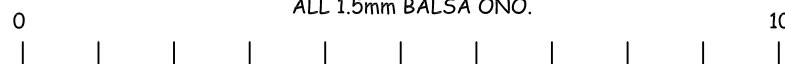


FORMERS F4 TO F11 ARE BUILT FROM 4
PIECES. GLUE TOP AND BOTTOM QUARTER
PIECES TOGETHER TO FORM LEFT AND
RIGHT FORMER HALVES



JIG FOR R1 ANGLE

ALL 1.5mm BALSA ONO.



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