

8swg STEELWIRE U/C
LEGS - 1 PR. REQ.D.
FORM OVER THIS PATTERN
NO FORWARD RAKE REQUIRED

16/0/swg TAILWHEEL
WIRE - EPOXY INTO
FUSELAGE AFTER FILM
COVERING

3/4" TAILWHEEL

R1,R2 - 1/8" BALSA
R3 - RIO 1/16" BALSA

2 1/2" -60mm
LIGHTWEIGHT
MAIN WHEELS

TIP RIB PATTERN

ORIGINAL RIB PATTERNS CUT FROM
SCRAP FORMICA - DO NOT CUT
SPAR SLOTS INTO PATTERNS
(REFER TO CONSTRUCTION NOTES)

2 3/4" -2 1/2"(SEE NOTES)

ROOT RIB PATTERN

1/8" BALSA TOP & SIDE
SHEETING AT NOSE

F2A

F3

F4

F5

F6

F7

4oz. TANK

R.X.

3 SERVOS IN
LITEPLY TRAY

1/8" COCKPIT "FLOOR"

NICAD PACK

1/16" VERTICAL GRAIN DOUBLERS
IN 4 BAYS EACH SIDE SHOWN

TRIANGULAR
BALSA
BRACING

DOWEL EPOXIED
INTO PINE BLOCK

PINE BLOCK

2 3/8" BSW GUTTER BOLTS
RETAIN WING

HATCH IN THIS AREA

1/16" PLYHATCH
ANCHOR TABS

8swg TORSION BAR
U/C LEGS LOCATED
IN PLY CHANNEL

NOTE PROTOTYPE MODEL
SET UP :- 0° - 0° - 0°
NO DOWN OR SIDETHRUST

U/C CHANNEL - 1/2"x1/4" PINE
3 PIECES 6" LONG

WING HOLD DOWN BLOCKS - 1 PAIR REQUIRED
EPOXY IN PLACE,
TAPPED 3/16" BSW AFTER WING
LOCATED MAKE FROM 1" PINE

3/16" DIAGONAL BRACING TOP &
BOTTOM OF FUSELAGE BOX

FUSELAGE FRAMING GENERALLY 3/16" MEDIUM BALSA STICKS

1/16" VERTICAL GRAIN DOUBLERS IN
4 BAYS EACH SIDE BEFORE SIDES JOINED

1/16" BALSA FUSELAGE SHEETING
WITHIN AREA DEFINED WITH A
ON SIDE ELEVATION

3/16"x1/16" STRIPS AT TOP & BOTTOM
FUSELAGE RAILS FAIRED TO PROVIDE
FINISH

SELECTED HINGES SIG EASY
HINGES USED ON PROTOTYPE

HARDWOOD DOWEL CONNECTOR
3/16" SOFT BALSA ELEVATOR

3/16" BALSA FIN &
STABILISER FRAMING

3/16" BALSA SHEET "WEDGE"
ON TOP OF STABILISER
EACH SIDE OF FIN
TO PROVIDE
FINISHING
SURFACE
FOR COVERING

FRAME FIN OVER PLAN
NOTE DOUBLE RAIL AT TURTLEDECK
SLOT TO PROVIDE ANCHOR SURFACE
FOR FILM COVERING. FIN BOTTOM RAIL
LOCATES IN TOP OF STABILISER.

NOTE: FORMERS F5, F6,
& F7 ARE NOT SHOWN ON
THE PLAN.
MEASURE AND CUT THEM TO
SUIT AS YOU GO. THESE ARE
SIMILAR IN SHAPE TO F4 WITH
PLAIN SIDES; SIDE STRINGERS
ARE CUT IN LATER.

F3 - 1/8" BALSA

REFER TO CONSTRUCTION NOTES
FOR FORMERS F2A, F5, F6, & F7

F4 - 1/8" BALSA

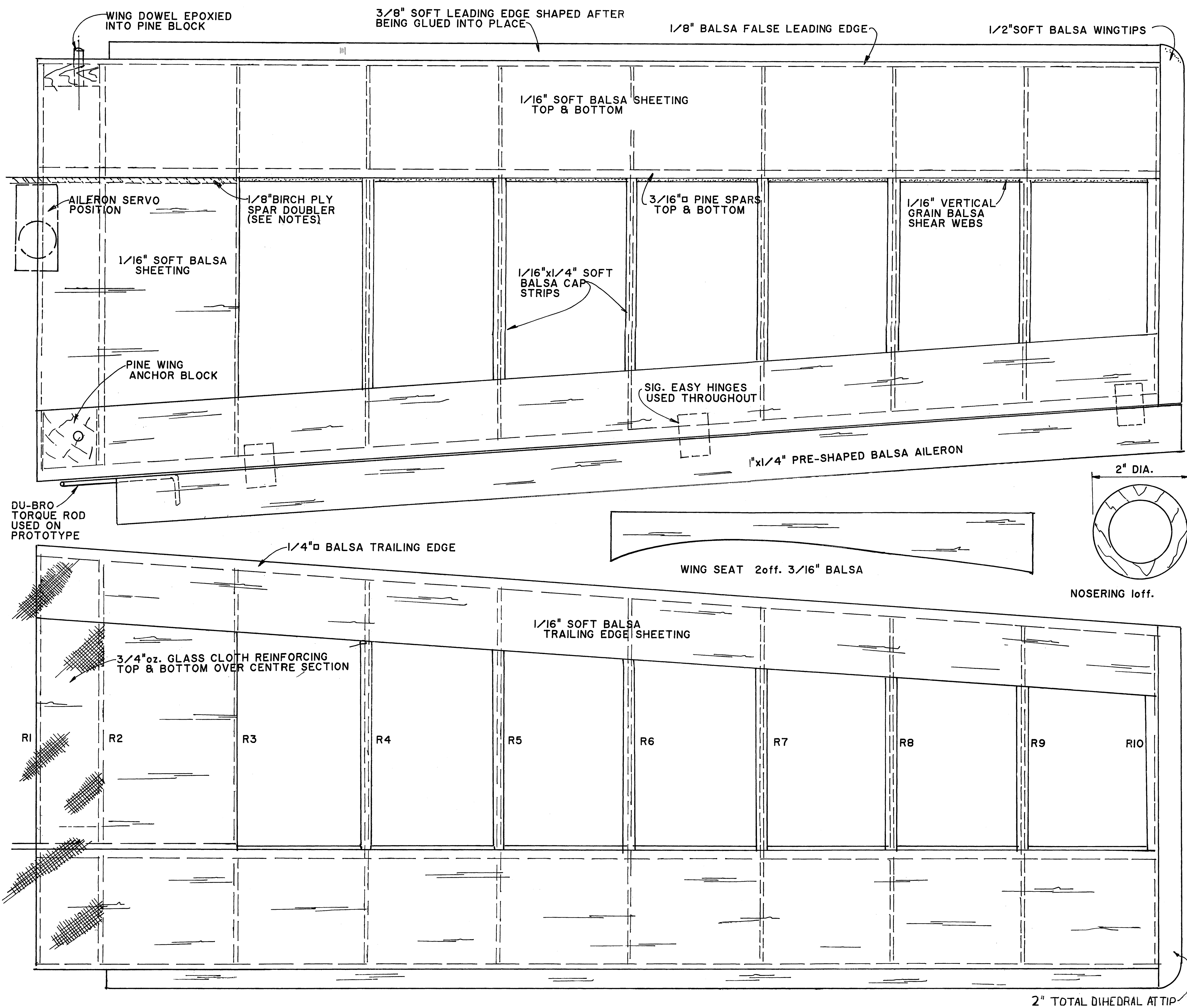
F2 - 3/16" BIRCH PLY

F1 - 3/16" BIRCH PLY

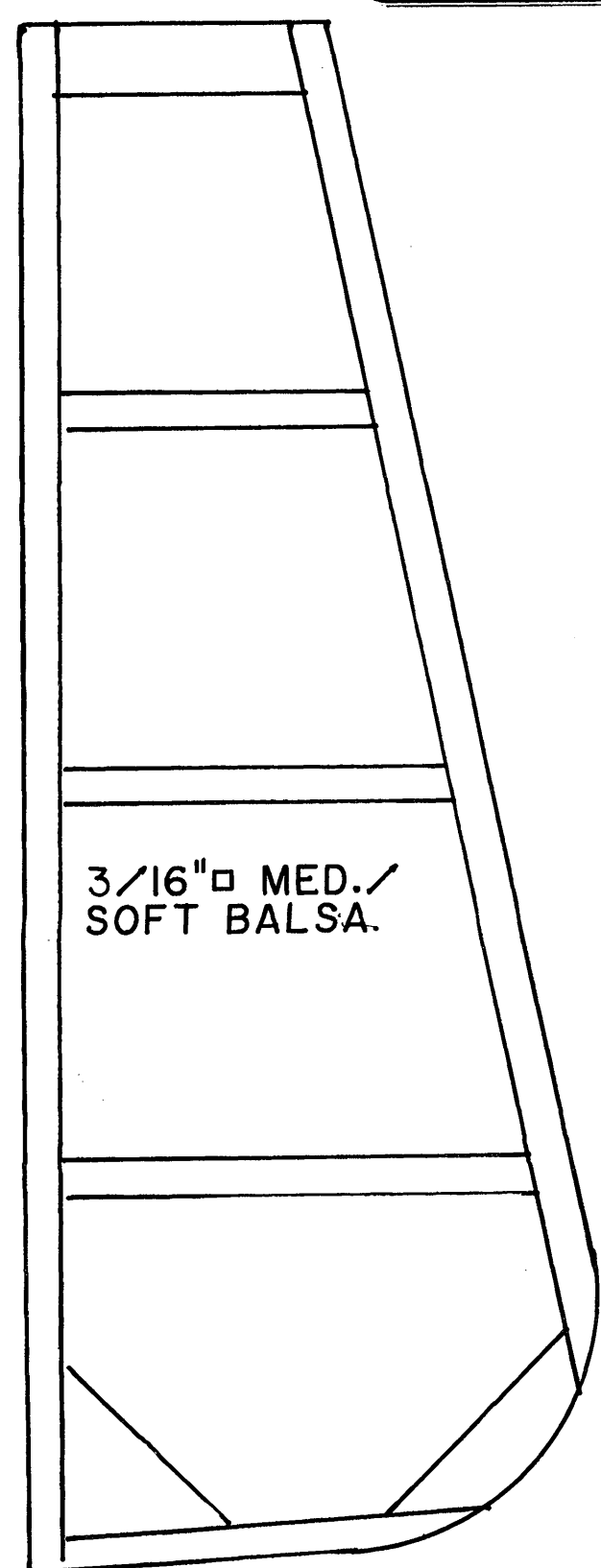
3/16" BALSA

**MODEL
WORLD**

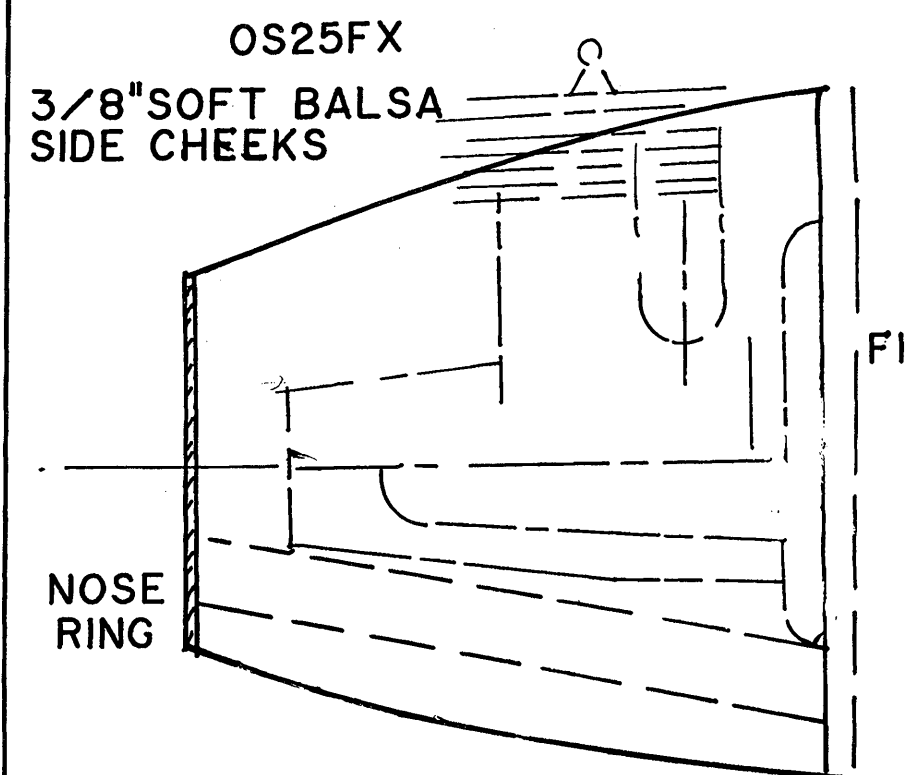
MW3015
Pterobot Jnr
Designed by Alan Wooster
A 48" span low-wing sports design for
25 size engines and 4 function R/C
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TURTLE DECK TOP RAIL
 1/8" MEDIUM/HARD BALSA

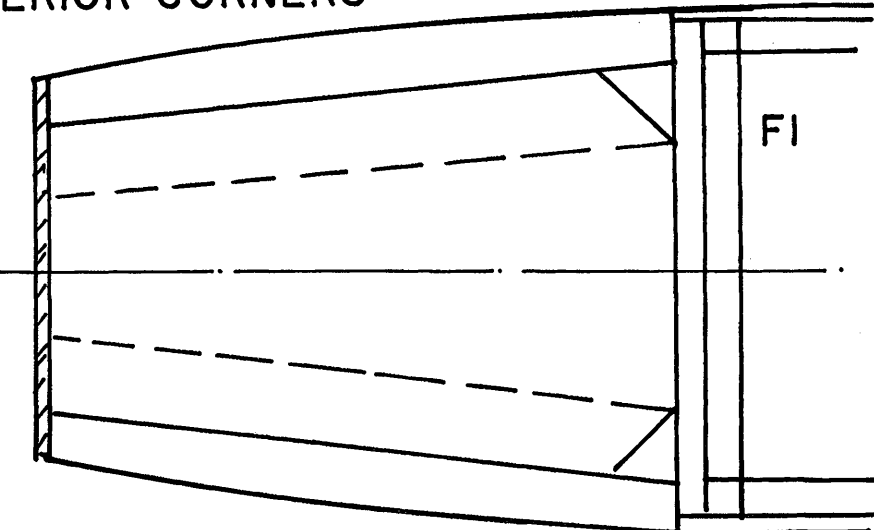


RUDDER 3/16" MED./SOFT BALSA



3/8" SOFT BALSA BOTTOM PLUS 1/2" SOFT BALSA REINFORCEMENTS IN ALL CORNERS

EX. 1/2" SOFT BALSA TRIANGLES INTO INTERIOR CORNERS



NOSE RING
 3/8" SOFT BALSA SIDE CHEEKS
 PLAN NOSE DETAIL