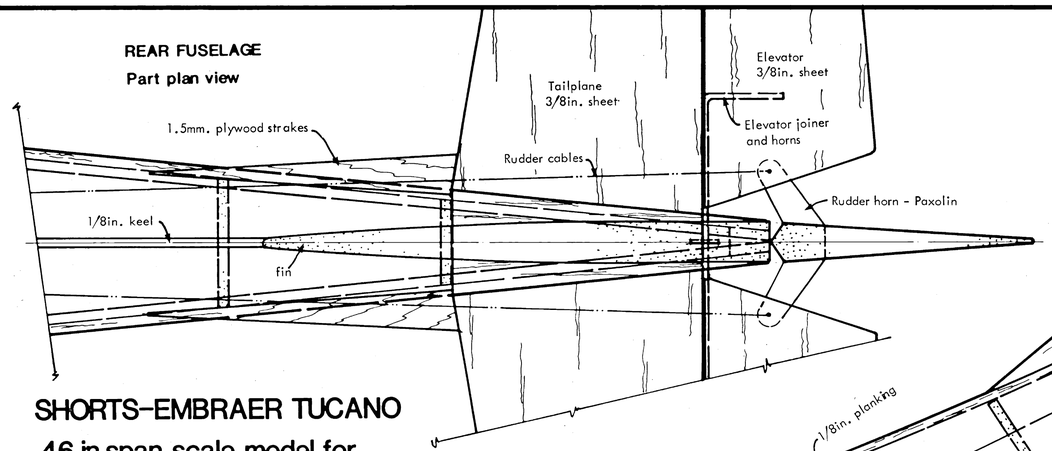
Free plan issued with R/C Scale Aircraft Summer 1985

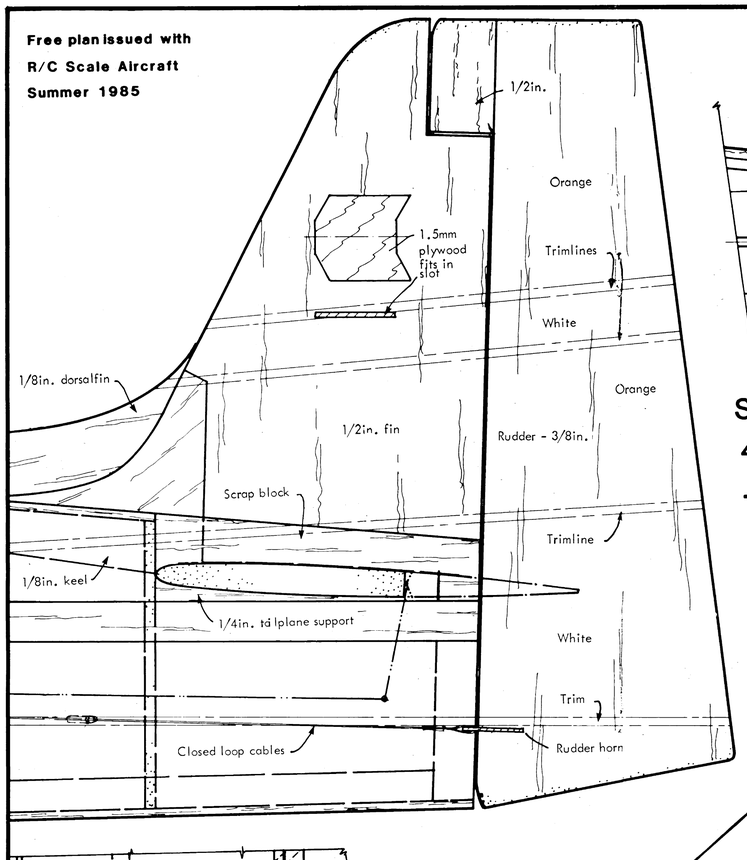
SHORTS-EMBRAER TUCANO

46 in.span scale model for .30–.40 cu.ins.engines and 4 function radio control

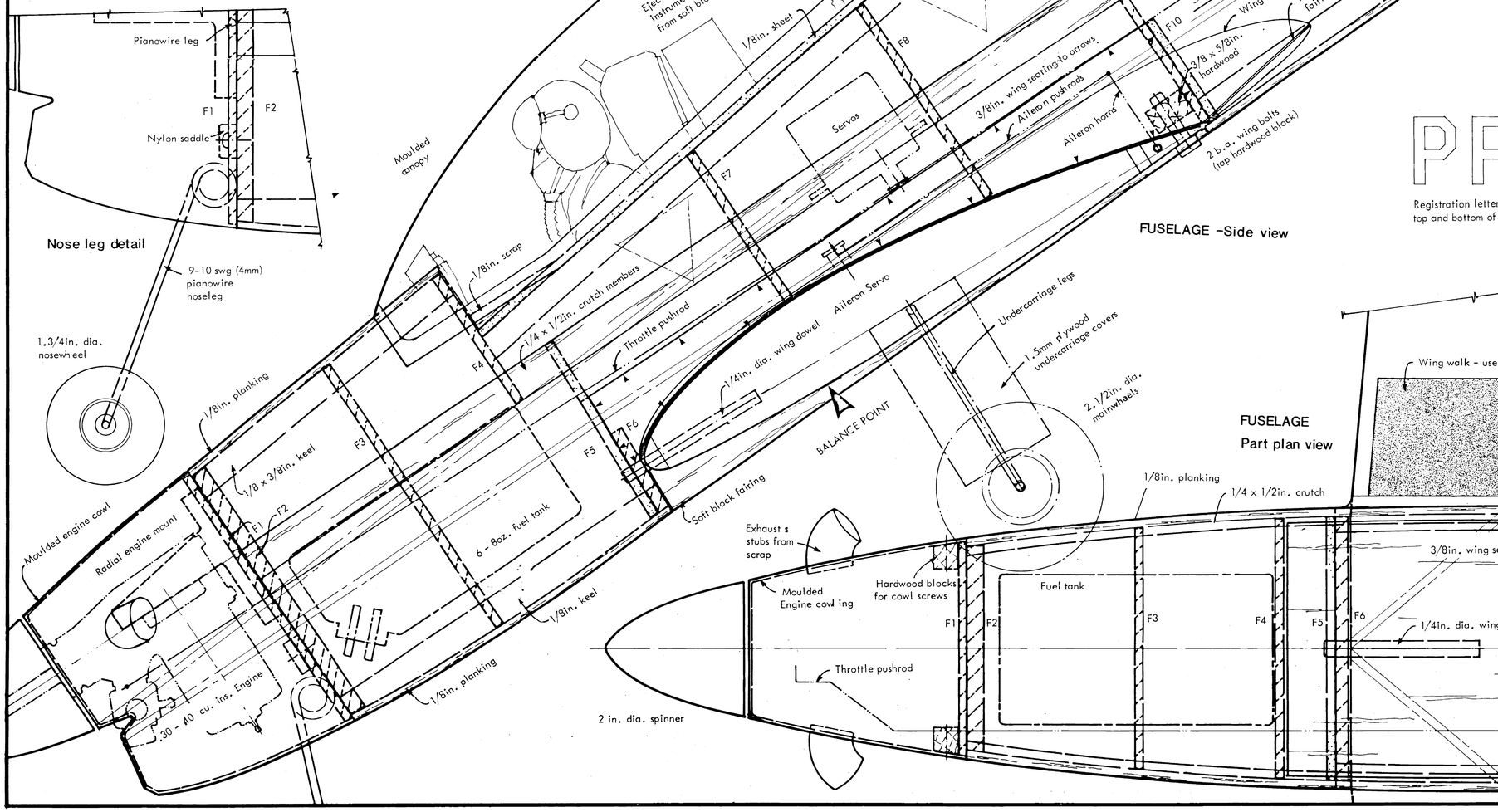
PLAN VALUE £ 2.50

REAR FUSELAGE
Part plan view

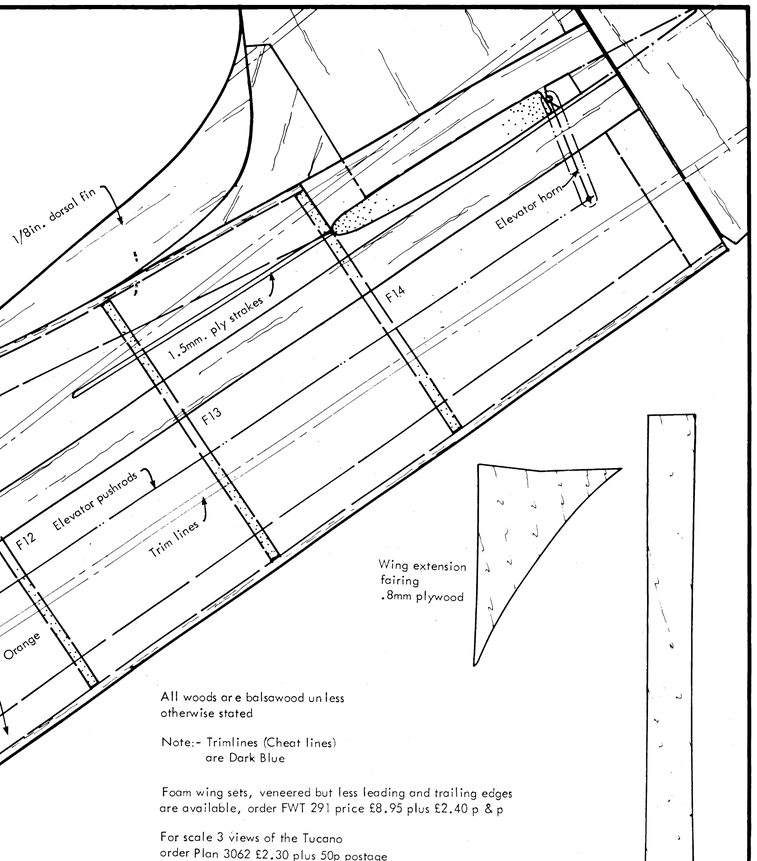


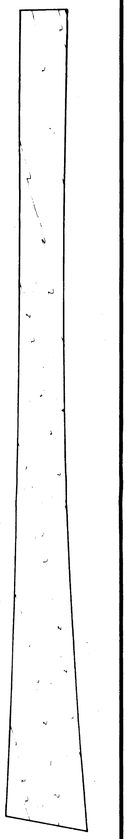


Nose leg detail



FUSELAGE -Side view





All woods are balsawood unless otherwise stated

Note:- Trimlines (Cheat lines) are Dark Blue

Foam wing sets, veneered but less leading and trailing edges are available, order FWT 291 price £8.95 plus £2.40 p & p

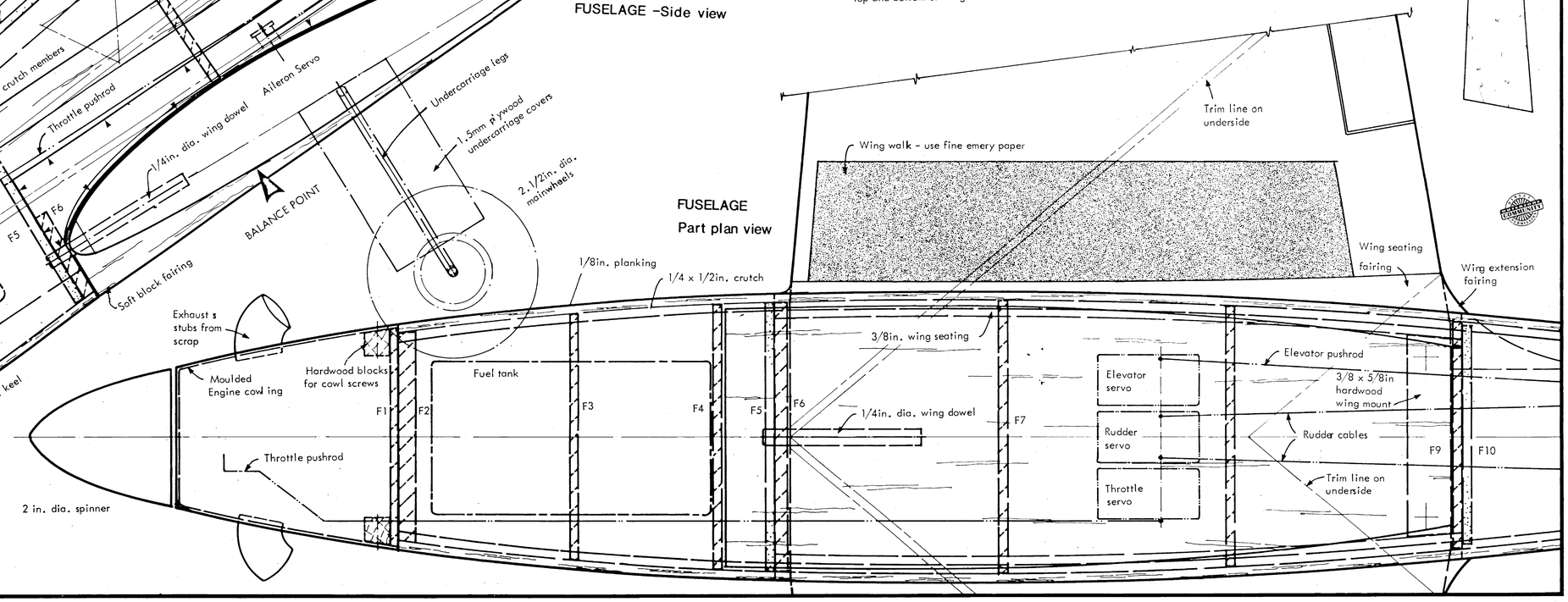
For scale 3 views of the Tucano order Plan 3062 £2.30 plus 50p postage

For Special offer of canopy and cowling order set RM291 price £4.95 plus £1.35 p & p available from Plans Service, P.O. Box 35, Wolsey House, Wolsey Road, Hemel Hempstead, Herts. HP2 4SS and from Plans Agents and retailers.

PP-ZDK

Registration letters to fuselage sides and top and bottom of wings - see 3 views

FUSELAGE
Part plan view



STARBOARD WING–showing built-up construction

1/4 x 9/16in. leading edge
1/4 reinforcement
All wing ribs from 1/8in. sheet
Fuel tank pod mounting points
5/8in. wing tips
Trim line - top surface
White
Orange
1/4in. infill
1/8 x 3/8in. spruce main spars
1/4in. infill
1/16in. vertical webbing
1/16in. sheet top and bottom
1/16in. vertical webbing
3/8 x 5/8in. grooved hardwood block
Aileron Servo
1/8in
1/4 x 3/4in. hardwood undercarriage bearer
1.5mm plywood reinforcement
Hinge positions
3/16 x 1/2in. trailing edge
3/8 x 1in. trailing edge
Aileron pushrod
3/8 x 1in. Aileron
Aileron horn and bearing tube
Bolt hole
1/4 x 9/16in. leading edge
Pod mounting
8 or 9 swg legs
Root rib template and foam wing template
Undercarriage leg for built-up wing
Undercarriage leg
Wing mounting bolt centres
1/4in. core, 1/16in. sides
1/4in. sq. spruce
6 b.a. insert nuts
Anchor nuts
Tubing
Recess for 6 b.a. bolts
Pod mounting
Under wing fuel tanks and pods Side view
Position of undercarriage block in foam wing
Aileron servo box
Pod
Anchor nut
1.5mm plywood fins
Part rear plan view
Front view of fuel tank
3/16in. trailing edge
3/8 x 1in. trailing edge
3/8 x 1in. Aileron
Aileron horn and tube
Wing mounting bolt
PORT WING

Root and tip ribs–built-up construction

TAILPLANE

Elevator joiner and horn
3/8in. sq hard
3/8in. sheet
3/8in. sheet
Trimline - top
White
Orange
3/8in.

Templates for foam core wing panels

Note washout at tip

F9
3mm. plywood
F10
F10 - dotted - 1/8in. F-11 - 1/8in.
Canopy
F8 3mm plywood
F7 3mm plywood
F4 3mm plywood
F6 1/8in.
F5 5mm. plywood
Cowling
F2
F1 3mm plywood
Intake
F2 - dotted - 6mm plywood
F3
3mm plywood
F14 - 1/8in.
Cut away after planking
F13 - 1/8in. F12 - 1/8in.

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