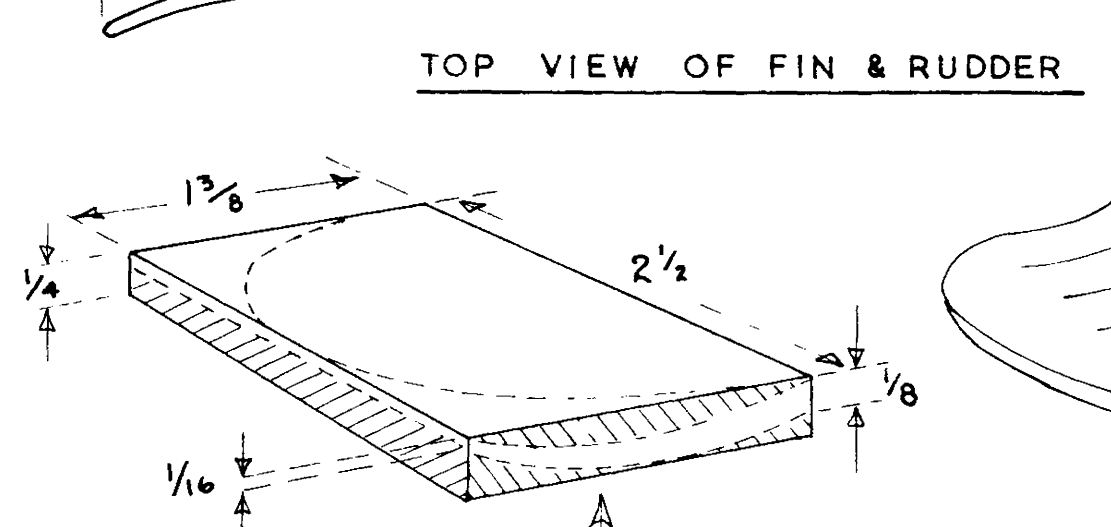
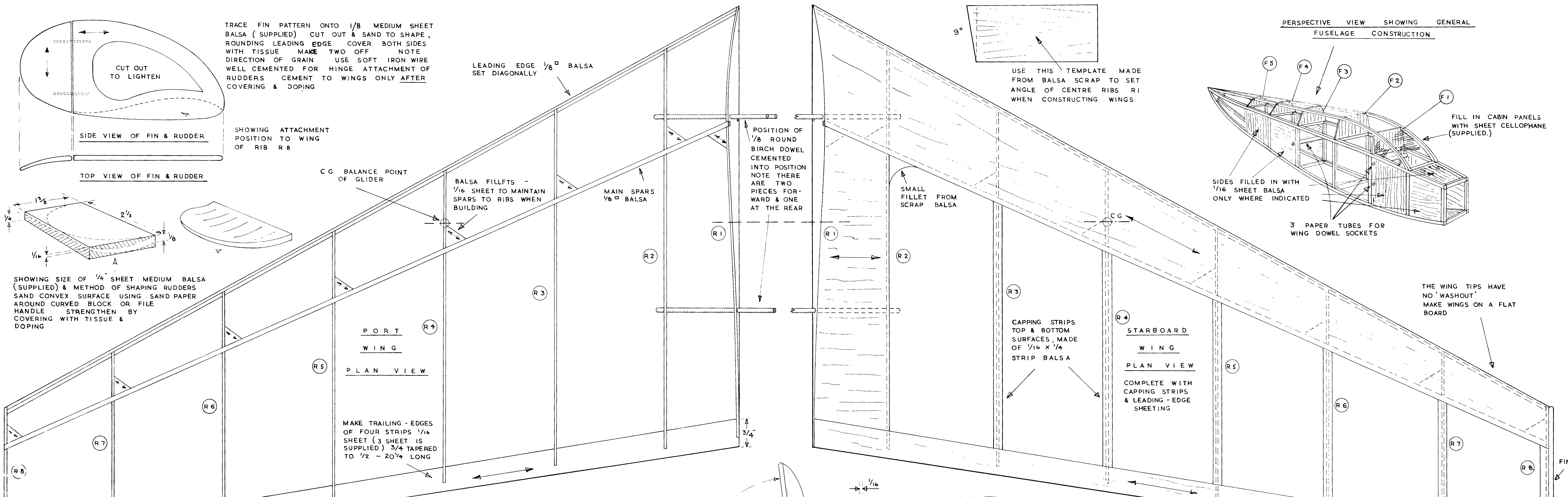


TRACE FIN PATTERN ONTO 1/8 MEDIUM SHEET Balsa (supplied) CUT OUT & SAND TO SHAPE, ROUNDING LEADING EDGE COVER BOTH SIDERS WITH TISSUE MAKE TWO OFF NOTE DIRECTION OF GRAIN USE SOFT IRON WIRE WELL CEMENTED FOR HINGE ATTACHMENT OF RUDDERS CEMENT TO WINGS ONLY AFTER COVERING & DOPING

SHOWING ATTACHMENT POSITION TO WING OF RIB R 8

SHOWING SIZE OF 1/4" SHEET MEDIUM Balsa (supplied) & METHOD OF SHAPING RUDDERS SAND CONVEX SURFACE USING SAND PAPER AROUND CURVED BLOCK OR FILE HANDLE STRENGTHEN BY COVERING WITH TISSUE & DOPING



SHOWING SIZE OF 1/4" SHEET MEDIUM Balsa (supplied) & METHOD OF SHAPING RUDDERS SAND CONVEX SURFACE USING SAND PAPER AROUND CURVED BLOCK OR FILE HANDLE STRENGTHEN BY COVERING WITH TISSUE & DOPING

PORT WING PLAN VIEW

STARBOARD WING PLAN VIEW

COMPLETE WITH CAPPING STRIPS & LEADING-EDGE SHEETING

THE WING TIPS HAVE NO 'WASHOUT' MAKE WINGS ON A FLAT BOARD

MAKE TRAILING-EDGES OF FOUR STRIPS 1/16 SHEET (3 SHEET IS SUPPLIED) 3/4 TAPERED TO 1/2 - 20 1/4 LONG

METHOD OF CONSTRUCTING TRAILING EDGE

1 CEMENT 1/16 SHEET TO UNDERSIDE OF ALL RIBS

2 CHAMFER TOP SIDE ONLY

3 CEMENT TOP STRIP 1/16 SHEET TO CHAMFERED EDGE & EVERY RIB

MAKE HINGES OF SOFT IRON WIRE CEMENT WELL BETWEEN TWO TRAILING-EDGE SHEETS

FRONT ASPECT OF WING CONSTRUCTION NOTE ALL RIBS ARE PLACED SQUARE TO SPARS EXCEPT BASE RIB R 1 ALSO INCLINATION OF FIN & RUDDER

FIN SPAR MAKE FROM 1/16 SHEET

MAKE ELEVATORS FROM TWO MEDIUM Balsa SHEETS (supplied) 1/4 X 2 X 7 1/2 SEE DETAILS OF RUDDERS FOR METHOD OF CONSTRUCTION

FIN IS CONSTRUCTED, COVERED & WATER-SHRUNK THEN CEMENTED TO F/U TISSUE IS DOPED ONLY WHEN FIN IS COMPLETE WITH F/U

C.G. BALANCE POINT OF GLIDER

Balsa FILLETS - 1/16 SHEET TO MAINTAIN SPARS TO RIBS WHEN BUILDING

MAIN SPARS 1/8 Balsa

POSITION OF 1/8 ROUND BIRCH DOWEL CEMENTED INTO POSITION NOTE THERE ARE TWO PIECES FORWARD & ONE AT THE REAR

SMALL FILLET FROM SCRAP Balsa

CAPPING STRIPS TOP & BOTTOM SURFACES, MADE OF 1/16 X 1/4 STRIP Balsa

STARBOARD WING PLAN VIEW

COMPLETE WITH CAPPING STRIPS & LEADING-EDGE SHEETING

THE WING TIPS HAVE NO 'WASHOUT' MAKE WINGS ON A FLAT BOARD

MAKE TRAILING-EDGES OF FOUR STRIPS 1/16 SHEET (3 SHEET IS SUPPLIED) 3/4 TAPERED TO 1/2 - 20 1/4 LONG

METHOD OF CONSTRUCTING TRAILING EDGE

1 CEMENT 1/16 SHEET TO UNDERSIDE OF ALL RIBS

2 CHAMFER TOP SIDE ONLY

3 CEMENT TOP STRIP 1/16 SHEET TO CHAMFERED EDGE & EVERY RIB

MAKE HINGES OF SOFT IRON WIRE CEMENT WELL BETWEEN TWO TRAILING-EDGE SHEETS

FRONT ASPECT OF WING CONSTRUCTION NOTE ALL RIBS ARE PLACED SQUARE TO SPARS EXCEPT BASE RIB R 1 ALSO INCLINATION OF FIN & RUDDER

FIN SPAR MAKE FROM 1/16 SHEET

MAKE ELEVATORS FROM TWO MEDIUM Balsa SHEETS (supplied) 1/4 X 2 X 7 1/2 SEE DETAILS OF RUDDERS FOR METHOD OF CONSTRUCTION

FIN IS CONSTRUCTED, COVERED & WATER-SHRUNK THEN CEMENTED TO F/U TISSUE IS DOPED ONLY WHEN FIN IS COMPLETE WITH F/U

PERSPECTIVE VIEW SHOWING USE OF TEMPLATES FOR RIB R 1 & TRAILING EDGE (SEE BUILDING INSTRUCTIONS)

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

MAKE HOOKS FROM 18 SWG WIRE

CEMENT TOW HOOKS BETWEEN LOWER TWO LAMINATIONS OF 3/8 X 1/8 Balsa SKID STEAM STRIPS BEFORE CEMENTING

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

MAKE HOOKS FROM 18 SWG WIRE

CEMENT TOW HOOKS BETWEEN LOWER TWO LAMINATIONS OF 3/8 X 1/8 Balsa SKID STEAM STRIPS BEFORE CEMENTING

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

MAKE HOOKS FROM 18 SWG WIRE

CEMENT TOW HOOKS BETWEEN LOWER TWO LAMINATIONS OF 3/8 X 1/8 Balsa SKID STEAM STRIPS BEFORE CEMENTING

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

MAKE HOOKS FROM 18 SWG WIRE

CEMENT TOW HOOKS BETWEEN LOWER TWO LAMINATIONS OF 3/8 X 1/8 Balsa SKID STEAM STRIPS BEFORE CEMENTING

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

MAKE HOOKS FROM 18 SWG WIRE

CEMENT TOW HOOKS BETWEEN LOWER TWO LAMINATIONS OF 3/8 X 1/8 Balsa SKID STEAM STRIPS BEFORE CEMENTING

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

MAKE HOOKS FROM 18 SWG WIRE

CEMENT TOW HOOKS BETWEEN LOWER TWO LAMINATIONS OF 3/8 X 1/8 Balsa SKID STEAM STRIPS BEFORE CEMENTING

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

MAKE HOOKS FROM 18 SWG WIRE

CEMENT TOW HOOKS BETWEEN LOWER TWO LAMINATIONS OF 3/8 X 1/8 Balsa SKID STEAM STRIPS BEFORE CEMENTING

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

MAKE HOOKS FROM 18 SWG WIRE

CEMENT TOW HOOKS BETWEEN LOWER TWO LAMINATIONS OF 3/8 X 1/8 Balsa SKID STEAM STRIPS BEFORE CEMENTING

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

MAKE HOOKS FROM 18 SWG WIRE

CEMENT TOW HOOKS BETWEEN LOWER TWO LAMINATIONS OF 3/8 X 1/8 Balsa SKID STEAM STRIPS BEFORE CEMENTING

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

MAKE HOOKS FROM 18 SWG WIRE

CEMENT TOW HOOKS BETWEEN LOWER TWO LAMINATIONS OF 3/8 X 1/8 Balsa SKID STEAM STRIPS BEFORE CEMENTING

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

DOTTED LINE SHOWS ACTUAL SHAPE OF SECTION AFTER SHEETING WITH 1/16

USE RIB R 1 AS TEMPLATE TO LOCATE THREE ROLL PAPER TUBES FOR WING DOWELS

FULL LINE SHOWS POSITION OF RIB R 1 IN RELATION TO FUSELAGE

BUILDING INSTRUCTIONS.

STUDY CAREFULLY THE PLAN, CUT OUT & IDENTIFY THE PRINTED PARTS FAMILIARISE YOURSELF WITH THESE & ALL OTHER BUILDING INSTRUCTIONS

FUSELAGE COVER PLAN WITH WAX TISSUE STEAM LONGERONS BEFORE PINNING TO PLAN CUT ALL UPRIGHTS & CROSSPIECES IN PAIRS MAKE TWO IDENTICAL SIDES, ONE ABOVE THE OTHER JOIN TWO SIDES STEAM LONGERONS BEFORE PULLING TOGETHER CEMENT F1 TO F5 IN PLACE & TOP LONGERONS FILL IN 1/16TH SHEET SIDE PANELS USE RIB R 1 AS TEMPLATE TO MAKE LOCATE & CEMENT IN POSITION 3 PAPER TUBES ATTACH & SAND TO SHAPE NOSE BLOCK CONSTRUCT FIN COVER WITH TISSUE & CEMENT IN POSITION COVER F/U BEFORE ATTACHING KEEL & HOOKS WATER SHRINK & DOPE THE WHOLE

WINGS PIN TO PLAN LOWER 1/8 Balsa SPAR POSITION & CEMENT RIBS UPRIGHT USING SMALL Balsa FILLETS EXCEPT R 1 WHICH LOCATE WITH 9° TEMPLATE ATTACH LOWER TRAILING EDGE STRIP MAKEWOOD

FUSELAGE COVER PLAN WITH WAX TISSUE STEAM LONGERONS BEFORE PINNING TO PLAN CUT ALL UPRIGHTS & CROSSPIECES IN PAIRS MAKE TWO IDENTICAL SIDES, ONE ABOVE THE OTHER JOIN TWO SIDES STEAM LONGERONS BEFORE PULLING TOGETHER CEMENT F1 TO F5 IN PLACE & TOP LONGERONS FILL IN 1/16TH SHEET SIDE PANELS USE RIB R 1 AS TEMPLATE TO MAKE LOCATE & CEMENT IN POSITION 3 PAPER TUBES ATTACH & SAND TO SHAPE NOSE BLOCK CONSTRUCT FIN COVER WITH TISSUE & CEMENT IN POSITION COVER F/U BEFORE ATTACHING KEEL & HOOKS WATER SHRINK & DOPE THE WHOLE

WINGS PIN TO PLAN LOWER 1/8 Balsa SPAR POSITION & CEMENT RIBS UPRIGHT USING SMALL Balsa FILLETS EXCEPT R 1 WHICH LOCATE WITH 9° TEMPLATE ATTACH LOWER TRAILING EDGE STRIP MAKEWOOD

FIN IS CONSTRUCTED, COVERED & WATER-SHRUNK THEN CEMENTED TO F/U TISSUE IS DOPED ONLY WHEN FIN IS COMPLETE WITH F/U

ELEVATORS MAKE ELEVATORS FROM TWO MEDIUM Balsa SHEETS (supplied) 1/4 X 2 X 7 1/2 SEE DETAILS OF RUDDERS FOR METHOD OF CONSTRUCTION

FLYING TRIM BALANCE MODEL WITH PLASTICINE & LEAD SHOT IN NOSE BLOCK WITH MODEL SLIGHTLY NOSE HEAVY ON C.G. LINE (SEE PLAN) SET ELEVATORS TO FOLLOW NATURAL CURVE OF T.E. REFLEX SET RUDDERS AS PER PLAN VIEW GENTLY LAUNCH INTO WIND PREFERABLY FROM A SLOPE IF MODEL TENDS TO STALL LOWER BOTH ELEVATORS & TEST AGAIN IF NOSE DROPS TURN ELEVATORS SLIGHTLY UP DO NOT ALTER BALANCE ONCE SET TO C.G. TO CREATE A TURN BEND RUDDER ON INSIDE OF TURN TO A GREATER DEGREE ONLY WHEN SATISFIED WITH HAND GLIDING PERFORMANCE SHOULD TOW LINE BE ATTEMPTED

← DENOTES GRAIN TOTAL WEIGHT OF MODEL - 5 OZS

The "KIWI"

TAIL-LESS SOARING GLIDER

DESIGNED AND PUBLISHED BY
MODEL AIRCRAFT STORES (BOURNEMOUTH) LTD.
 NORWOOD PLACE - POKESDOWN
 BOURNEMOUTH

005172