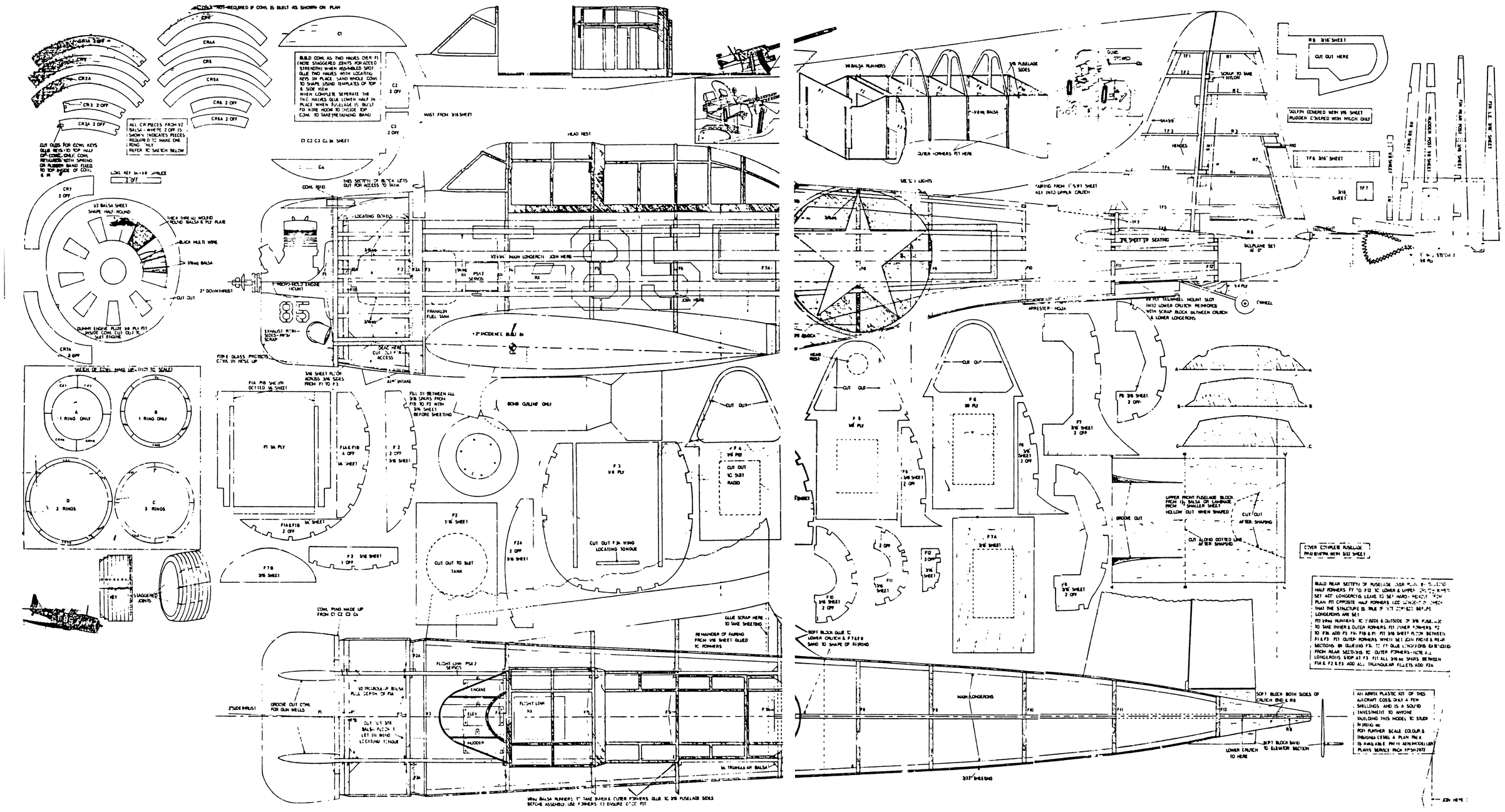
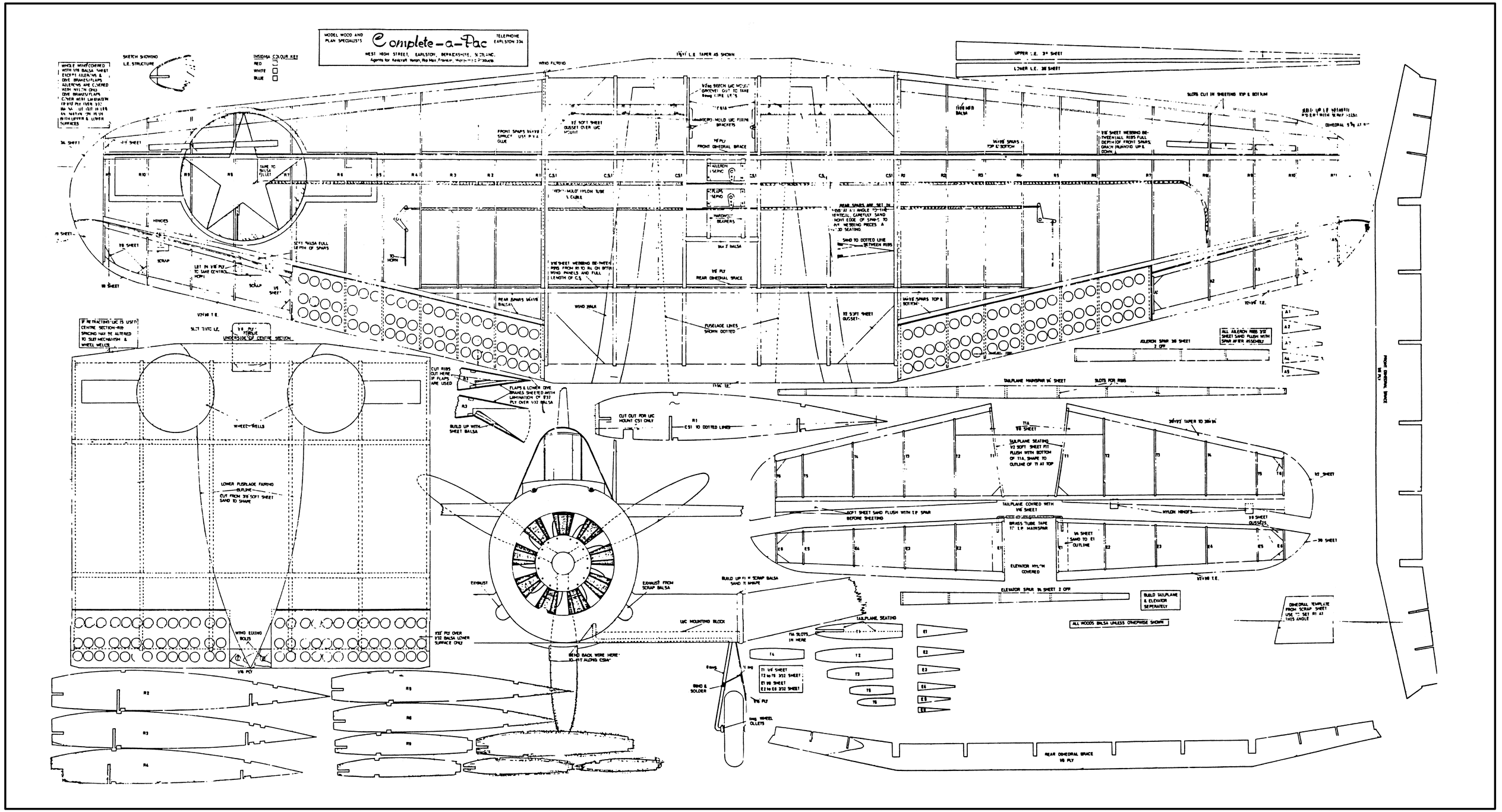

CR1A
CR2A
CR3 2 OFF
CR3A 2 OFF
CR5
CR5A
CR6 2 OFF
CR6A 2 OFF
CR7 2 OFF
CR7A 2 OFF
C1
C2 2 OFF
C3 2 OFF
C4
C1 C2 C3 C4 1/4 SHEET
BUILD COWL AS TWO HALVES OVER F1 (NOTE STAGGERED JOINTS FOR ADDED STRENGTH) WHEN ASSEMBLED SPOT GLUE TWO HALVES WITH LOCATING KEYS IN PLACE. SAND WHOLE COWL TO SHAPE USING TEMPLATES OF TOP & SIDE VIEW
WHEN COMPLETE SEPERATE THE TWO HALVES GLUE LOWER HALF IN PLACE WHEN FUSELAGE IS BUILT FIX WIRE HOOK TO INSIDE TOP COWL TO TAKE RETAINING BAND
ALL CR PIECES FROM 1/2 BALSA - WHERE 2 OFF IS SHOWN INDICATES PIECES REQUIRED TO MAKE ONE RING - HALF REFER TO SKETCH BELOW
CUT SLOTS FOR COWL KEYS GLUE KEYS TO TOP HALF OF COWL ONLY. COWL RETAINED WITH SPRING OR RUBBER BAND FIXED TO TOP INSIDE OF COWL
COWL KEY 1/4 x 1/8 SPRUCE 2 OFF
V2 BALSA SHEET SHAPE HALF ROUND
THICK THROW WOOD ROUND BALSA & PLY PLATE
BLACK MULTI WIRE
1/4sq BALSA
2° DOWNTHRUST
CUT OUT
DUMMY ENGINE PLATE 1/8 PLY FIT INSIDE COWL CUT OUT TO SUIT ENGINE
SKETCH OF COWL MAKE UP (NOT TO SCALE)
A 1 RING ONLY
B 1 RING ONLY
D 2 RINGS
C 3 RINGS
KEY
STAGGERED JOINTS
MAST FROM 3/16 SHEET
HEAD REST
COWL PIND
THIS SECTION OF BLOCK LETS OUT FOR ACCESS TO TANK
LOCATING DOWELS
PROPS BUILT ENGINE MOUNT
V2 x 1/4" MAIN LONGERON JOIN HERE
PS12 SERVOS
FRANKLIN FUEL TANK
JOIN HERE
+2° INCIDENCE BUILT IN
EXHAUST PIPE - SIDES - PAPER SCRAP
FIBRE GLASS PROTECTS COWL IN HOSE UP
DEAD HERE CUT OUT FOR ACCESS
3/16 SHEET FLOW ACROSS 3/16 SIDES FROM F1 TO F3
AIR INTAKE
F1A F1B SHOWN DOTTED 1/8 SHEET
F1 1/8 PLY
F1A & F1B 4 OFF 1/8 SHEET
F2 2 OFF 3/16 SHEET
FILL IN BETWEEN ALL 3/16 SPARS FROM F1B TO F2 WITH 3/16 SHEET BEFORE SHEETING
BOMB OUTLINE ONLY
CUT OUT
F3 1/8 PLY
F4 1/8 PLY
CUT OUT TO SUIT RADIO
F1A & F1B 2 OFF 1/8 SHEET
F2 3/16 SHEET
CUT OUT TO SUIT TANK
F2A 2 OFF 3/16 SHEET
CUT OUT F3A WING LOCATING TONGUE
F2 3/16 SHEET 1 OFF
F7B 3/16 SHEET
COWL PIND MADE UP FROM C1 C2 C3 C4
GLUE SCRAP HERE TO TAKE SHEETING
REMAINDER OF FAIRING FROM 1/16 SHEET GLUED TO FORMERS
FLIGHT LINK PS12 SERVOS
V2 TRIANGULAR BALSA FULL DEPTH OF F1A
GROOVE CUT COWL FOR GUN WELLS
SIDE THRUST
CUT OUT 3/16 BALSA FLOOR & LET IN WING LOCATING TONGUE
ENGINE
ELEV
RUDDER
FLIGHT LINK PS12
1/4 TRIANGULAR BALSA
1/8sq BALSA RUNNERS FIT TAKE INNER & OUTER FORMERS GLUE TO 3/16 FUSELAGE SIDES BEFORE ASSEMBLY USE FORMERS TO ENSURE GOOD FIT
1/8 BALSA RUNNERS
3/16 FUSELAGE SIDES
1/8sq BALSA
OUTER FORMERS FIT HERE
SEE 3/1 LIGHTS
FAIRING FROM 1/8 PLY SHEET KEY INTO UPPER CRUTCH
3/16 SHEET TO SEATING
TAILPLANE SET AT 0°
1/8 PLY TAILWHEEL MOUNT SLOT INTO LOWER CRUTCH REINFORCE WITH SCRAP BLOCK BETWEEN CRUTCH & LOWER LONGERONS
ARRESTER HOOK
TAILWHEEL
HEAD REST
CUT OUT
F5 1/8 PLY
F6 1/8 PLY
F7 3/16 SHEET 2 OFF
F8 3/16 SHEET 2 OFF
F9 3/16 SHEET 2 OFF
F10 3/16 SHEET 2 OFF
F11 3/16 SHEET
F12 2 OFF 3/16 SHEET
F7A 3/16 SHEET
GROOVE OUT
UPPER FRONT FUSELAGE BLOCK FROM 1½ BALSA OR LAMINATE FROM SMALLER SHEET HOLLOW OUT WHEN SHAPED
CUT OUT AFTER SHAPING
CUT ALONG DOTTED LINE AFTER SHAPING
SOFT BLOCK GLUE TO LOWER CRUTCH & F7 F8 SAND TO SHAPE OF FAIRING
MAIN LONGERONS
SOFT BLOCK BOTH SIDES OF CRUTCH END & R8
SOFT BLOCK GLUED TO ELEVATOR SECTION
LOWER CRUTCH TO HERE
1/32" SHEETING
R8 3/16" SHEET
CUT OUT HERE
SCRAP TO TAKE NYLON
HINGES
TF6 3/16" SHEET
TF7
3/16 SHEET
TAILFIN COVERED WITH 1/16 SHEET RUDDER COVERED WITH MUSLIN ONLY
1/8 SHEET
1/8 PLY
COVER OTHERWISE FUSELAGE PANELLED WITH 1/32 SHEET
BUILD REAR SECTION OF FUSELAGE OVER PLAN BUILD TWO HALF FORMERS F7 TO F12 TO LOWER & UPPER CRUTCH SHEETS SET ART LONGERONS LEAVE TO SET HARD - REMOVE FROM PLAN FIT OPPOSITE HALF FORMERS USE LONGERONS TO ENSURE THAT THE STRUCTURE IS TRUE & FIT CORRECT BEFORE LONGERONS ARE SET
FIT 1/8sq RUNNERS TO INSIDE & OUTSIDE OF 3/16 FUSELAGE TO TAKE INNER & OUTER FORMERS FIT INNER FORMERS F2 TO F3A ADD F3 F4A F1B & F1 FIT 3/16 SHEET FLOW BETWEEN F1 & F3 FIT OUTER FORMERS WHEN SET JOIN FRONT & REAR SECTIONS BY GLUEING F3A TO F7 GLUE LONGERONS & BRACKETS FROM REAR SECTIONS TO OUTER FORMERS - NOTE ALL LONGERONS STOP AT F3 FIT ALL 3/16 SQ SPARS BETWEEN F1A & F2 & F3 ADD ALL TRIANGULAR FILLETS ADD F2A
AN AIRFIX PLASTIC KIT OF THIS AIRCRAFT COSTS ONLY A FEW SHILLINGS AND IS A SOUND INVESTMENT TO ANYONE BUILDING THIS MODEL TO STUDY BUILDING IT
FOR FURTHER SCALE COLOUR & INFORMATION EMAIL A PLAN PACK IS AVAILABLE FROM AERMODELLER PLANS SERVICE PACK HP5H 1HT
JOIN HERE


MODEL WOOD AND PLAN SPECIALISTS
Complete-a-Pac
TELEPHONE EARLSTON 334
WEST HIGH STREET, EARLSTON, BERWICKSHIRE, SCOTLAND.
Agents for Aircraft Veneer, Rio Mas Franklin, Warrington
INSIGNIA COLOUR KEY
RED
WHITE
BLUE
SKETCH SHOWING L.E. STRUCTURE
WHOLE WING COVERED WITH 1/16 BALSA SHEET EXCEPT AILERONS & DIVE BRAKES/FLAPS. AILERONS ARE COVERED WITH NYLON ONLY. DIVE BRAKES/FLAPS COVER WITH LAMINATION OF 1/32 PLY OVER 1/32 BALSA ON BOTH UPPER & LOWER SURFACES
UPPER L.E. 3/8" SHEET
LOWER L.E. 3/8" SHEET
SLOTS CUT IN SHEETING TOP & BOTTOM
1/16" HARD BALSA
1/16" SHEET WEBBING BETWEEN ALL RIBS FULL DEPTH OF FRONT SPARS GRAIN RUNNING UP & DOWN
DIHEDRAL 5 1/2" AT R11
1/16" L.E. TAPER AS SHOWN
WING BEECH U/C MOUNT GROOVED OUT TO TAKE 8 swg WIRE LEGS
FIA
MICRO MOULD U/C FIXING BRACKETS
1/2" SOFT SHEET GUSSET OVER U/C MOUNT
FRONT SPARS 1/4"x1/2" SPRUCE USE P.V.A. GLUE
1/8" PLY FRONT DIHEDRAL BRACE
AILERON LEVER
FLAP LEVER
1/8" x 1/8" HARDWOOD BEARERS
1/8" x 1" BALSA
1/8" PLY REAR DIHEDRAL BRACE
REAR SPARS ARE SET IN 1/16" AT 45° ANGLE TO THE VERTICAL. CAREFULLY SAND FRONT EDGE OF SPARS TO FIT WEBBING PIECES & 1/16" 3D SEATING
SAND TO DOTTED LINE BETWEEN RIBS
1/16" SHEET WEBBING BETWEEN RIBS FROM R1 TO R4 ON BOTH WING PANELS AND FULL LENGTH OF C.S.
1/16" SPARS TOP & BOTTOM
1/2" SOFT SHEET GUSSET
FUSELAGE LINES SHOWN DOTTED
WING WALK
REAR SPARS 1/4"x1/2" BALSA
SCRAP
HINGES
TO HORN
SCRAP 1/4" SHEET
1/8" SHEET
1/8" SHEET
1/8" SHEET
1/8" SHEET
SCRAP
LET IN 1/16" PLY TO TAKE CONTROL HORN
SCRAP 1/4" SHEET
SCRAP 1/4" SHEET
SCRAP 1/4" SHEET