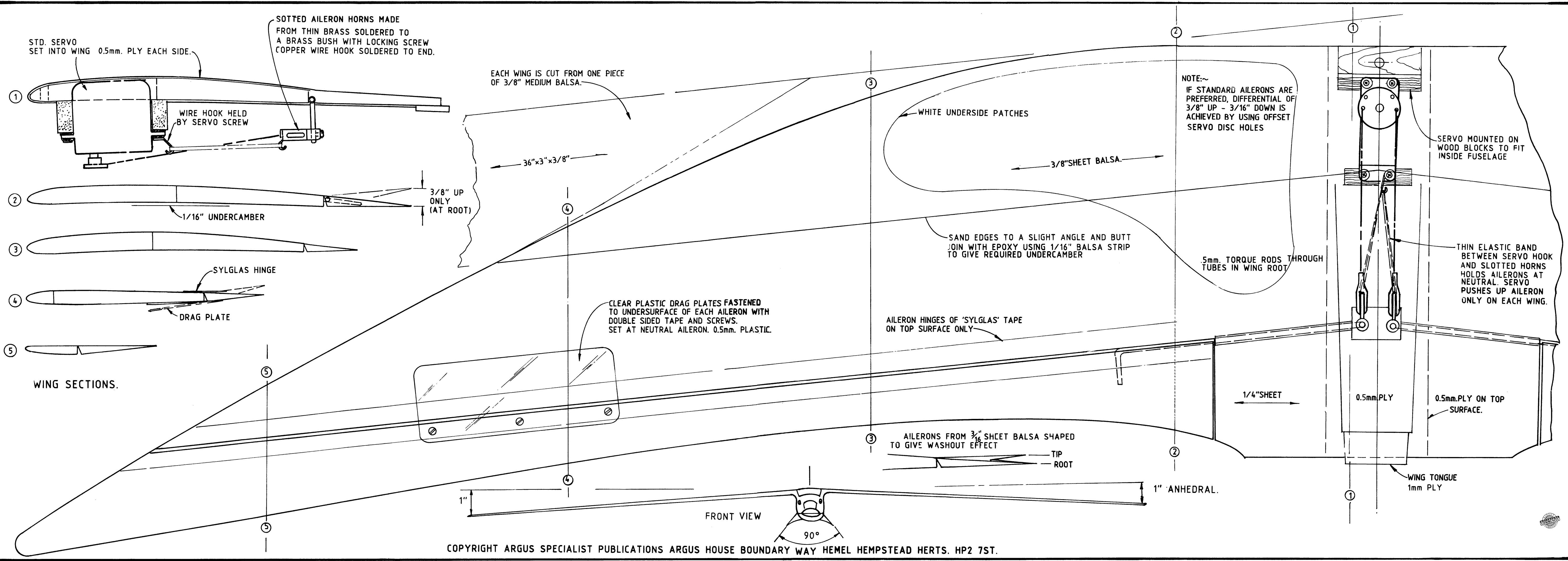


Bluebird

DESIGNED BY J. EDWARDS



STD. SERVO SET INTO WING 0.5mm. PLY EACH SIDE.

SLOTTED AILERON HORNS MADE FROM THIN BRASS SOLDERED TO A BRASS BUSH WITH LOCKING SCREW COPPER WIRE HOOK SOLDERED TO END.

WIRE HOOK HELD BY SERVO SCREW

EACH WING IS CUT FROM ONE PIECE OF 3/8" MEDIUM BALS.

36"x3"x3/8"

3/8" UP ONLY (AT ROOT)

1/16" UNDERCAMBER

SYLGLAS HINGE

DRAG PLATE

WING SECTIONS.

CLEAR PLASTIC DRAG PLATES FASTENED TO UNDERSURFACE OF EACH AILERON WITH DOUBLE SIDED TAPE AND SCREWS. SET AT NEUTRAL AILERON. 0.5mm. PLASTIC.

AILERON HINGES OF 'SYLGLAS' TAPE ON TOP SURFACE ONLY

AILERONS FROM 3/16" SHEET BALS SHAPE TO GIVE WASHOUT EFFECT

TIP ROOT

1" ANHEDRAL.

FRONT VIEW

90°

NOTE:~ IF STANDARD AILERONS ARE PREFERRED, DIFFERENTIAL OF 3/8" UP - 3/16" DOWN IS ACHIEVED BY USING OFFSET SERVO DISC HOLES

3/8" SHEET BALS.

5mm. TORQUE RODS THROUGH TUBES IN WING ROOT

SERVO MOUNTED ON WOOD BLOCKS TO FIT INSIDE FUSELAGE

THIN ELASTIC BAND BETWEEN SERVO HOOK AND SLOTTED HORNS HOLDS AILERONS AT NEUTRAL. SERVO PUSHES UP AILERON ONLY ON EACH WING.

1/4" SHEET

0.5mm PLY

0.5mm PLY ON TOP SURFACE.

WING TONGUE 1mm PLY