A 26" SPAN STUNT CONTROL LINE MODEL

BUMBLEBUG

Designed by

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The Aeromodeller Plans Service

THE AERODROME, STANBRIDGE, NR. LEIGHTON BUZZARD, BEDS

ALL WOODS ARE BALSA UNLESS OTHERWISE STATED

DATA	
WINGSPAN	28 INS.
WING AREA	150 SQ. INS.
TAILPLANE SPAN	13 INS.
O/A LENGTH	18-3/4 INS,
WEIGHT	7-3/4 OZS.
POWER	1.5 C.C.

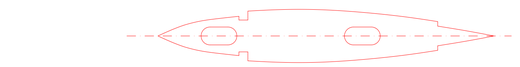
MATERIALS REQUIRED

STRIP	MISCELLANEOUS	
2 STRIPS OF 1/8" x 1/8" x 36" BALSA	1 STRIP OF HARDWOOD 1/4" x 3/8" x 36"	7" x 1-1/2" OF 3/8" BALSA
SHEET	36" OF 16 SWG PIANO WIRE	SMALL BALSA BLOCKS FOR
2 SHEETS OF 1/32" x 3" x 36" BALSA	4" OF 18 SWG PIANO WIRE	ENGINE COWLING & FIN FAIRING
3 SHEETS OF 1/16" x 3" x 36" BALSA	36" OF 24 SWG PIANO WIRE	6" x 3" OF 1.5 MM PLY
1 SHEET OF 3/16" x 3" x 36" BALSA	2-1/2" x 1" OF LIGHT ALLOY OR ALTERNATIVE	TAPE FOR ELEV HINGES

INSTALLATION OF ALTERNATIVE ENGINES

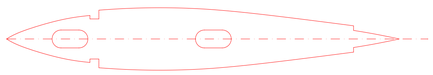
LOCATE SURFACES OF ENGINE BEARERS SO THAT THE THRUST LINE REMAINS ON THE SAME PLANE, KEEP THE BEARERS THE SAME WIDTH APART, SO THE WIDTH OF THE FUSELAGE REMAINS THE SAME, AND TAPER THE INSIDE SURFA CE TO FIT THE ENGINE. ADJUST THE NOSE LENGTH AS NECESSARY.

0 1 2 3 4 5 6

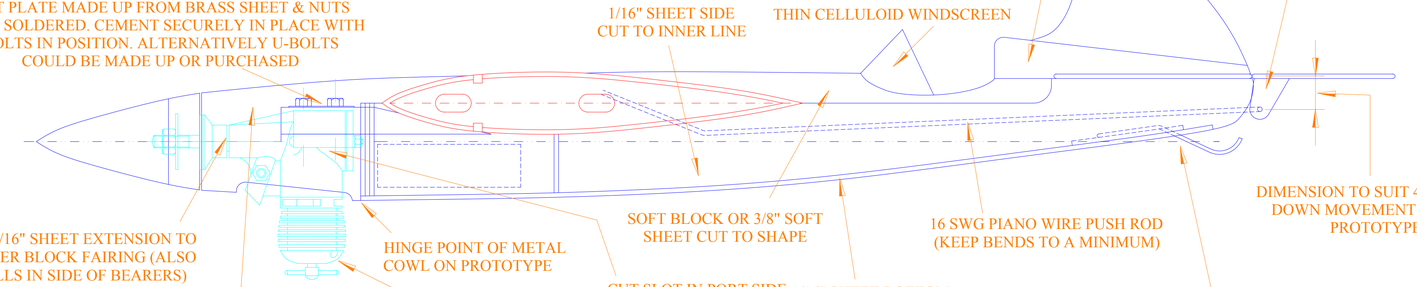


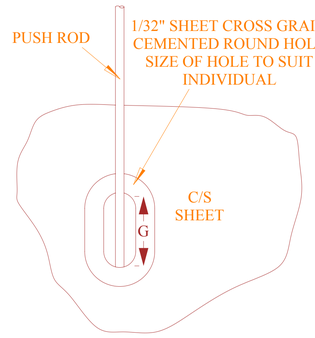
TIP RIBS 2 OFF
ONE WITH LEAD OUT HOLES ONLY

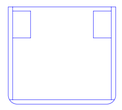
FOUR C/S RIBS. TWO OFF 1/16" AND TWO OFF 3/32".
SLOTS FOR BELLCRANK SUPPORT IN 3/32" ONLY



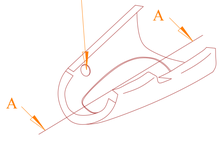
1/16" SHEET WING RIBS 4 OFF
2 ONLY WITH LEAD OUT HOLES





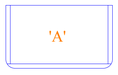


BULKHEAD FOR FROG 150

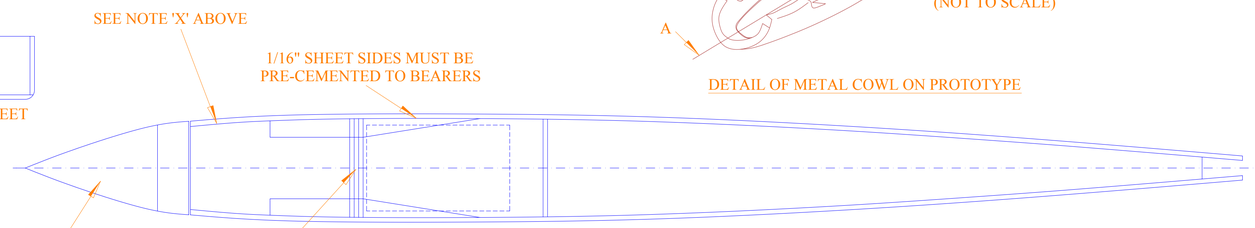


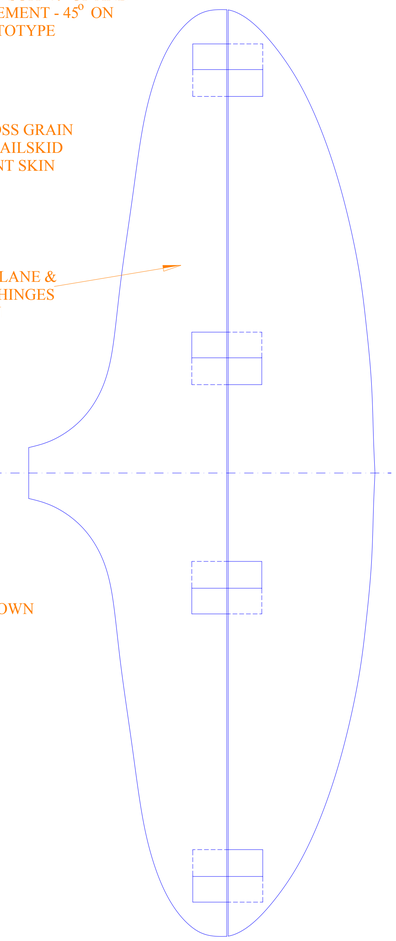
DETAIL OF METAL COWL ON PROTOTYPE

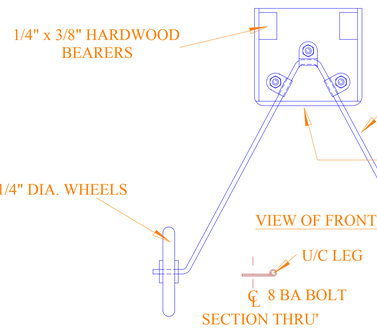
SECTION AA
(NOT TO SCALE)

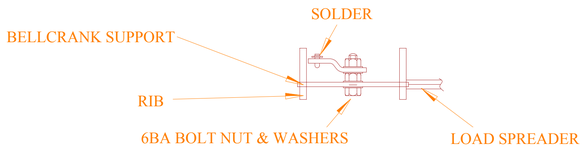


1/16" SHEET



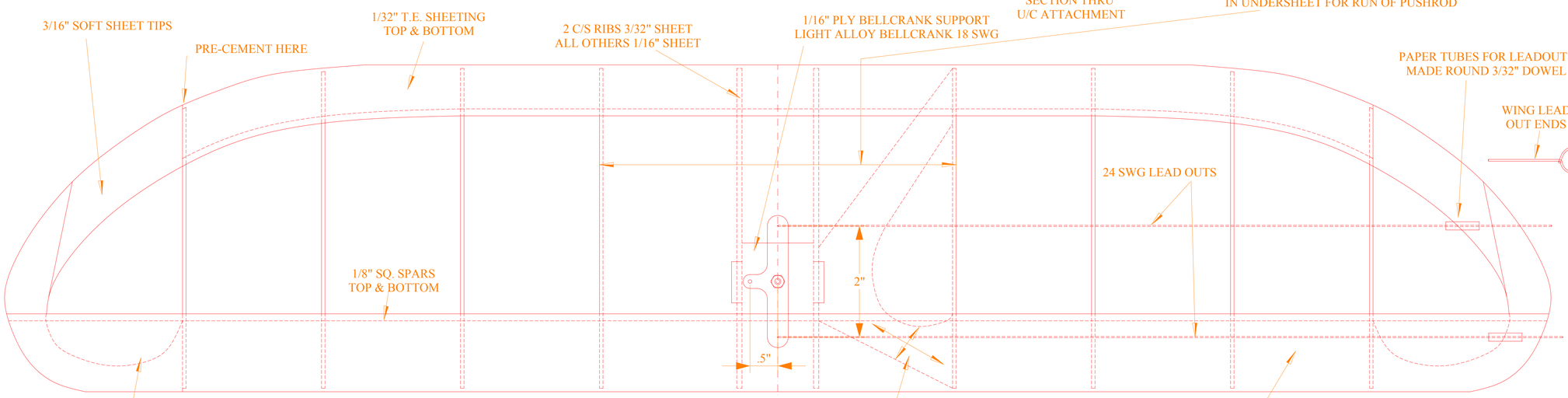


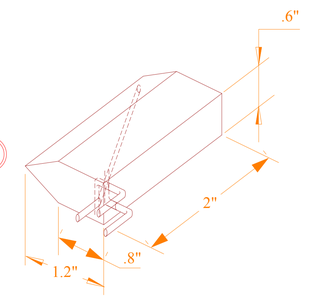




SECTION THRU' U/C ATTACHMENT

CONTINUOUS 1/32" C/S SHEETING TOP & BOTTOM OVER THIS LENGTH SEE DETAIL ABOVE OF HOLE IN UNDERSHEET FOR RUN OF PUSHROD





FUEL TANK DETAILS

FROM THIN TINNED STEEL
VENTS & FUEL LEAD FROM BRASS TUBE
CAPACITY 1.2 CU. INS.
NOTE: CAPACITY COULD CONVEINENTLY BE SMALLER AS PROTOTYPE RUNS FOR 7 MINUTES ON THIS TANK