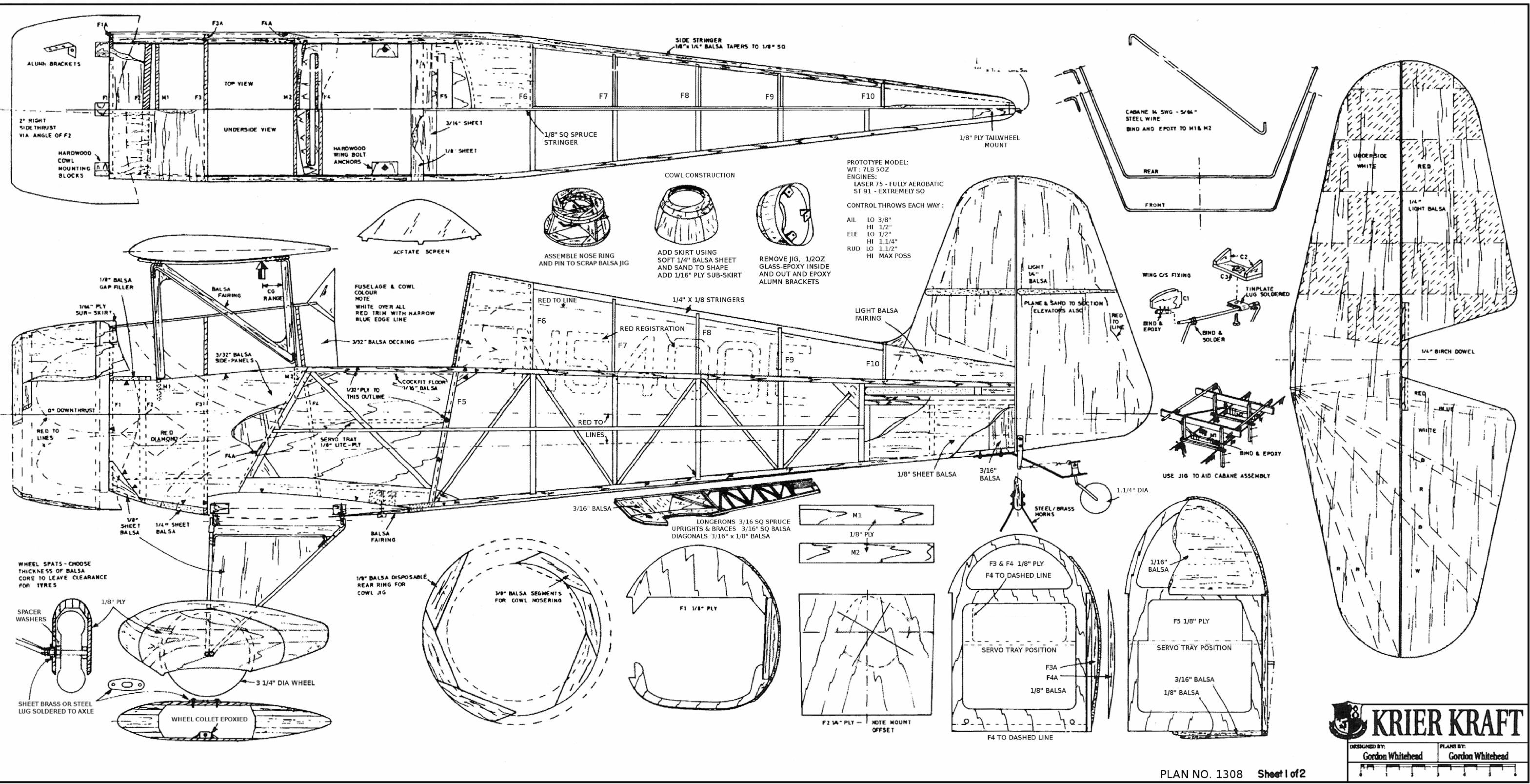




GENERAL ARRANGEMENT OF SPRUNG LANDING GEAR

SQUEEZE TO OVAL SECTION IN VICE

RED WHITE

LG LUGS MADE FROM 1IN NO 10 WOODSCREWS TAPPED 6BA-4-40

16 SWG - 1/16" STEEL WIRE

LOCK-NUT

3/16" OD CAR BRAKE LINE TUBING

FLATTEN AND DRILL

10 SWG - 1/8" STEEL LG LEGS

SOLDERED WASHER END-STOP

LOCK-NUT SOLDER

STUB-ENDS RETAIN SPRING

6BA-4-40 SCREW

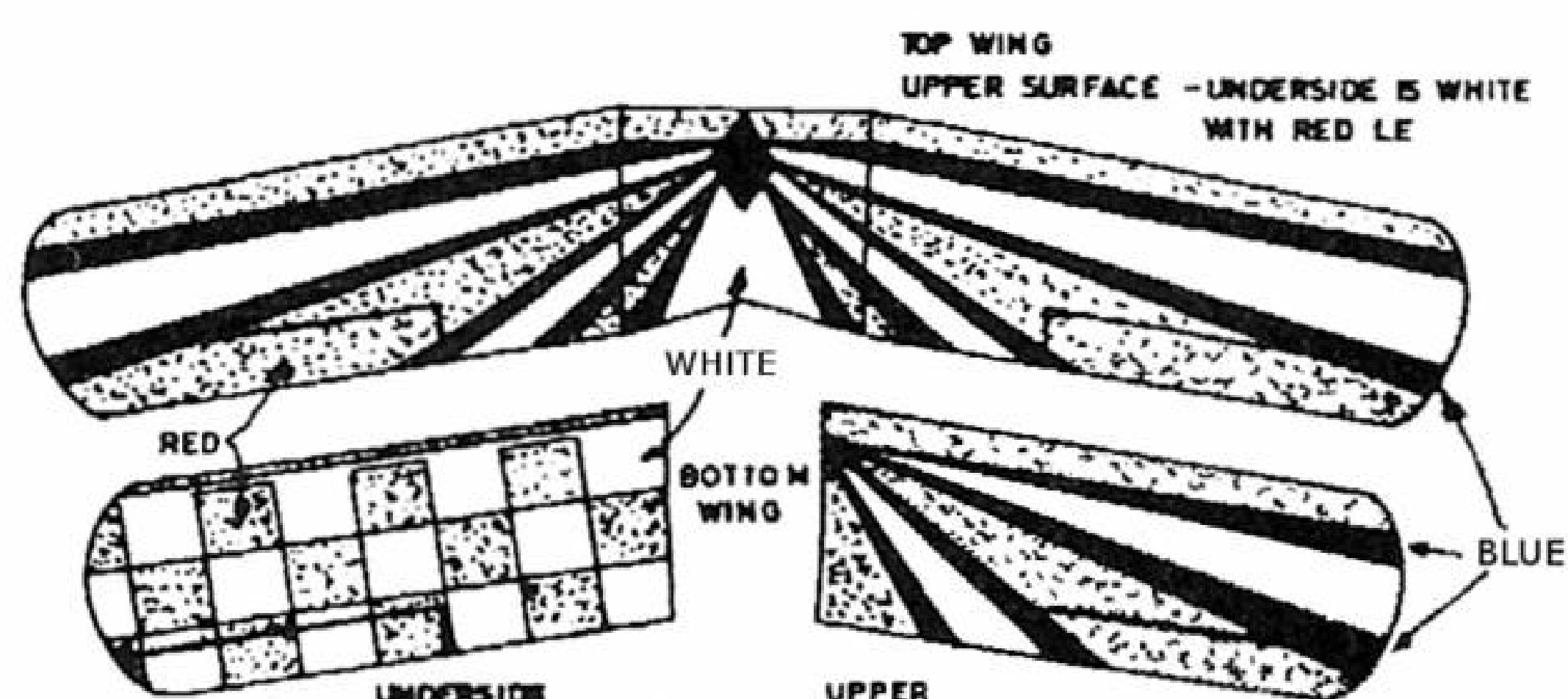
TINPLATE LUG SOLDERED TO LEG

LUG FOR WHEEL SPAT

SOLDER NUT TO LUG

SPRUNG LINKS 18 SWG - 3/64" STEEL WIRE ANNEAL BEFORE BENDING

PROTOTYPE MODEL'S SPRINGS WERE 2" LONG, 1/4" OD, 24 TURNS 0-040 WIRE FOUND IN DESIGNER'S SCRAP BOX



A COLOUR PHOTO PACK IS AVAILABLE FROM BOB BANKA'S SCALE MODEL RESEARCH CATALOGUE SHOWING A LATER VERSION OF MACHINE WITH ENLARGED FIN/RUDDER, LONG DORSAL STRAKE, AND SMALLER SPATS

CABANE AND INTERPLANE STRUTS ARE ALL - RED

ALL RIBS 3/32" Balsa

LOWER CENTRE - SECTION

D1 - 1/16 PLY - D2

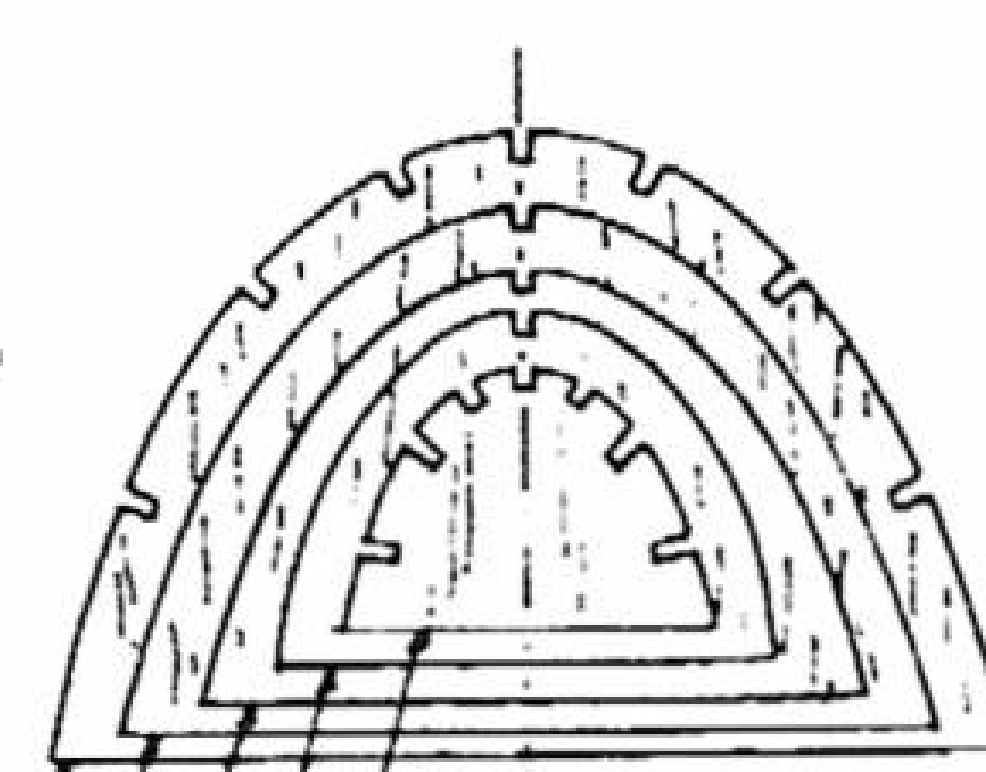
LOCATION OF 3/8" SQ LG MOUNTING BLOCKS

UPPER C/S TYPICAL

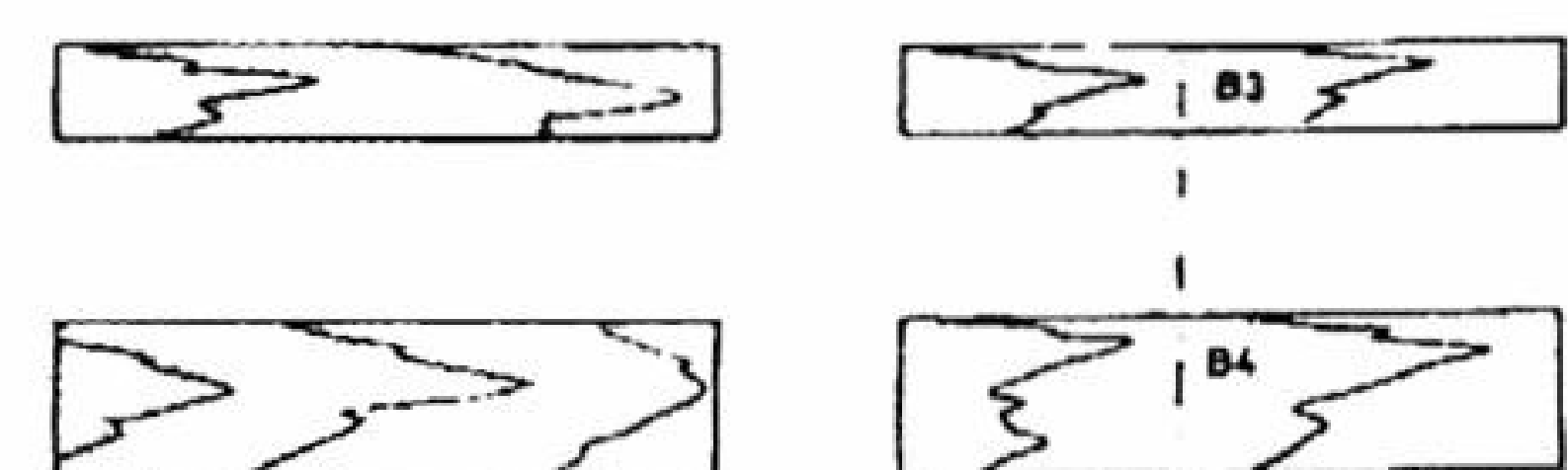
1/8" OR 5/64 BRASS TUBE

C1 CABANE MOUNTING PLATES 1/8" PLY

TIP RIB - 4 OFF



F6 F7 F8 F9 F10 ALL 3/32" Balsa
CUT NOTCHES IN F7 - F9 AFTER LAYING STRIPS STRAIGHT BETWEEN F6 AND F10



WING JOINERS 1/16" PLY

8BA - 2/56 SCREW

12 SWG - 3/32" ID BRASS TUBE EPOXIED IN STRUT END

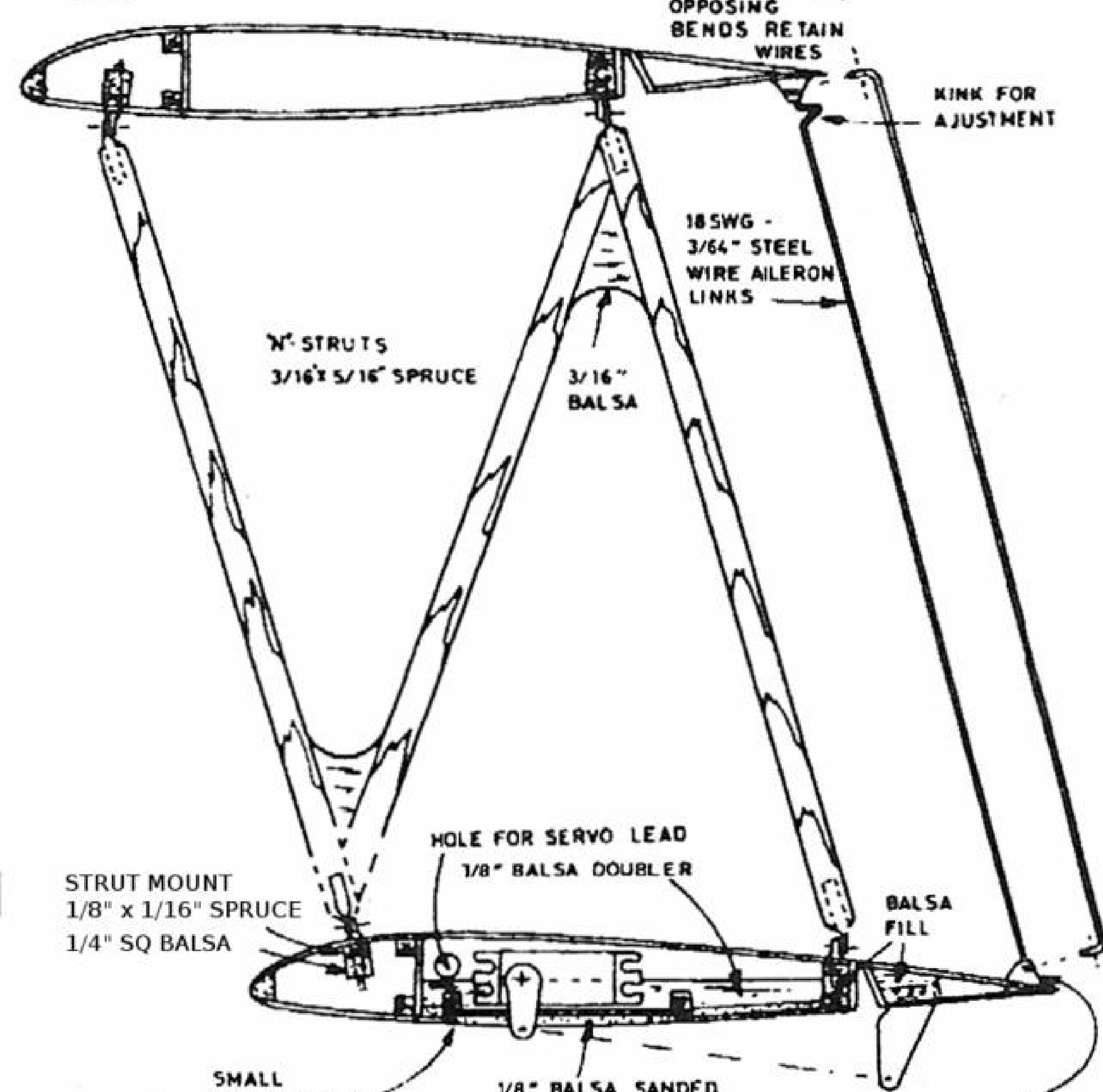
DRILL & TAP 8BA - 2/56

STRUT LUGS FROM 1/4" NO 6 WOODSCREWS: CUT OFF HEAD, FILE FLATS, DRILL AND TAP

1/16" TUFNOL OR GRP LUGS

END VIEW - OPPOSING BENDS RETAIN WIRES

KINK FOR ADJUSTMENT



STRUT MOUNT 1/8" x 1/16" SPRUCE 1/4" SQ Balsa

HOLE FOR SERVO LEAD

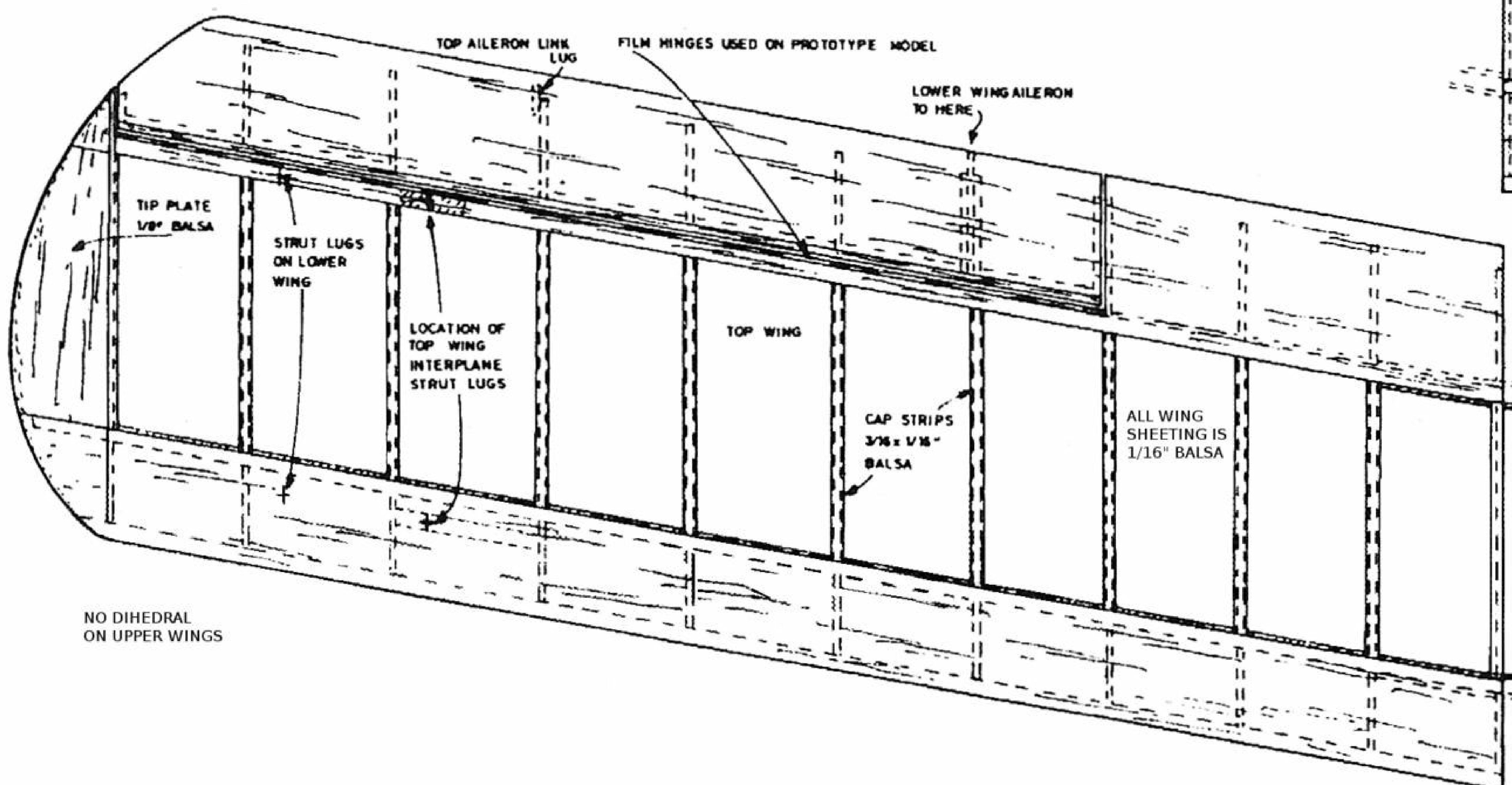
1/8" Balsa DOUBLER

Balsa FILL

SMALL WOOD SCREW AT EACH CORNER TO FASTEN HATCH

1/8" Balsa SANDED TO FAIR HATCH

BOTTOM AILERON LINK LUG



NO DIHEDRAL ON UPPER WINGS

TOP AILERON LINK LUG

FILM HINGES USED ON PROTOTYPE MODEL

LOWER WING AILERON TO HERE

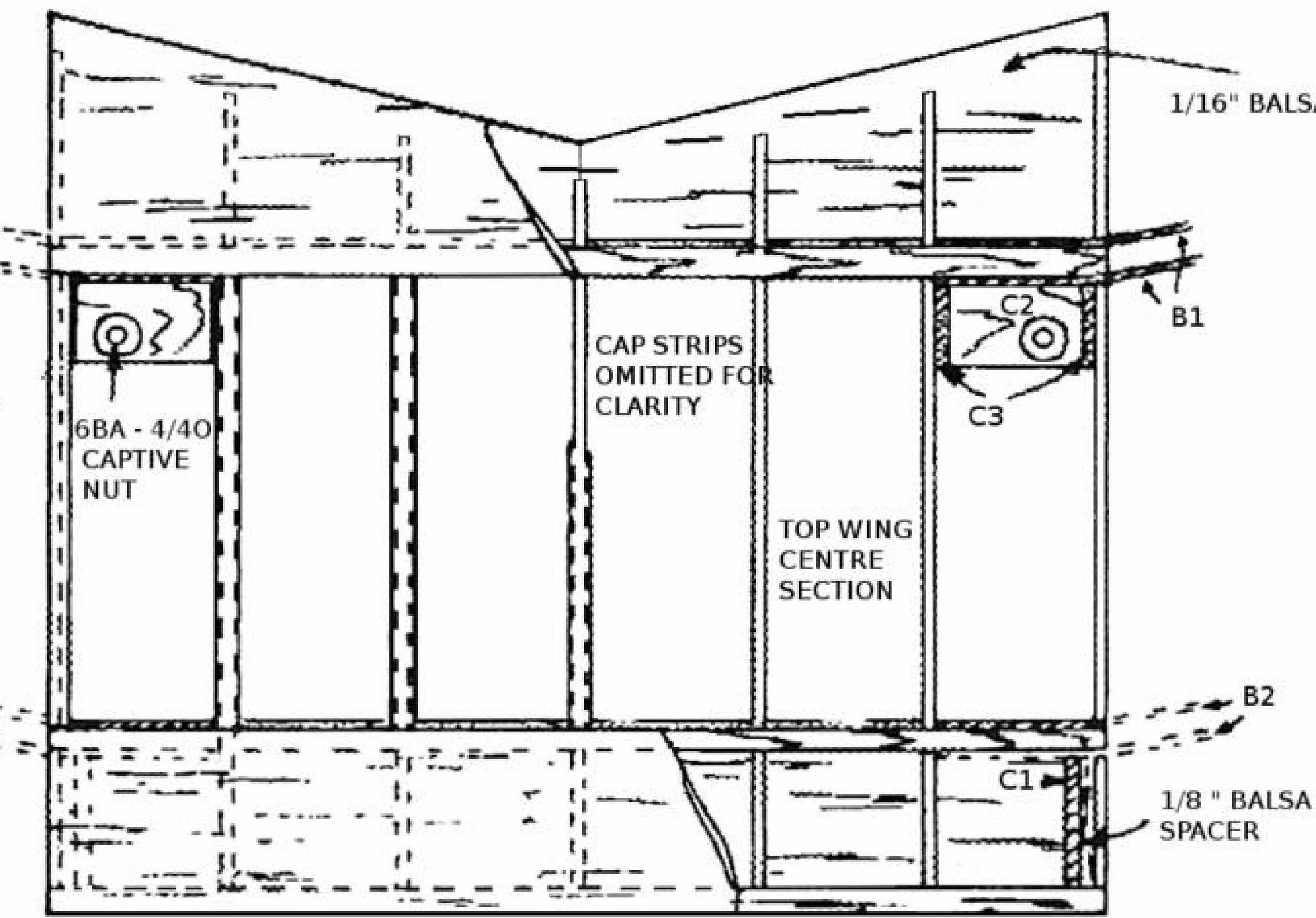
STRUT LUGS ON LOWER WING

LOCATION OF TOP WING INTERPLANE STRUT LUGS

TOP WING

CAP STRIPS 3/16 x 1/16" Balsa

ALL WING SHEETING IS 1/16" Balsa



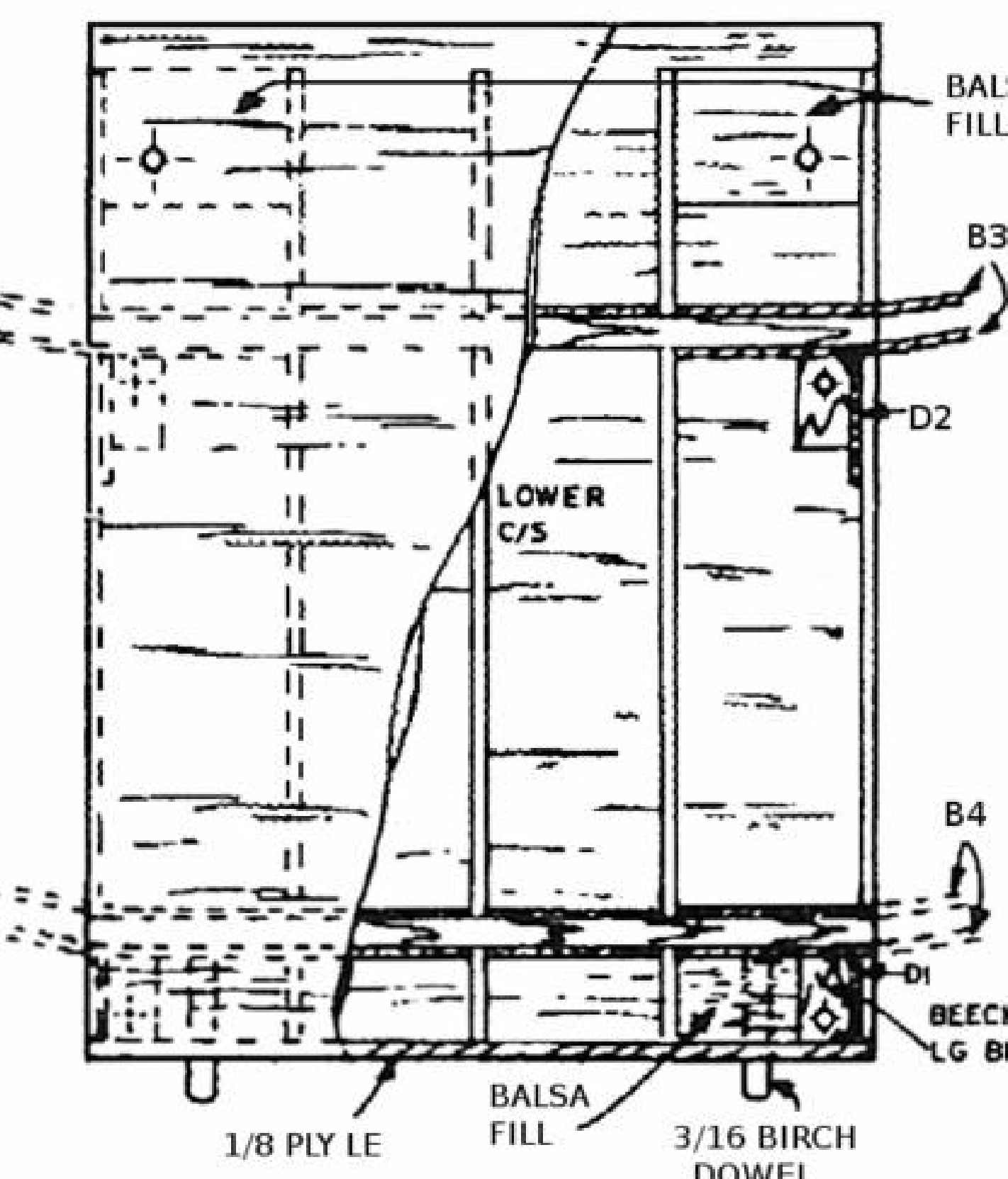
6BA - 4/40 CAPTIVE NUT

CAP STRIPS OMITTED FOR CLARITY

TOP WING CENTRE SECTION

1/16" Balsa

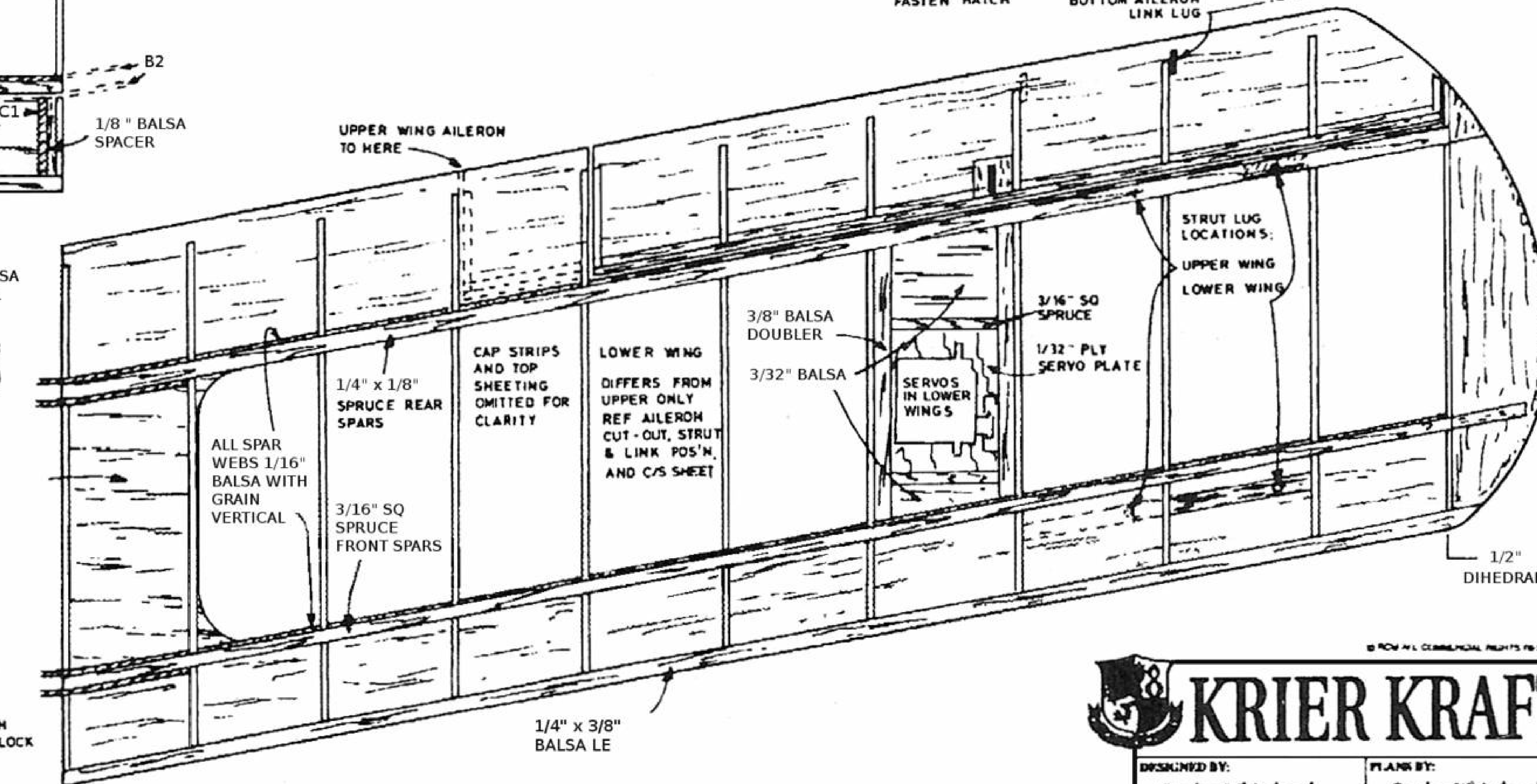
1/8" Balsa SPACER



1/8 PLY LE

Balsa FILL

3/16 BIRCH DOWEL



UPPER WING AILERON TO HERE

1/4" x 1/8" SPRUCE REAR SPARS

3/16" SQ SPRUCE FRONT SPARS

ALL SPAR WEBS 1/16" Balsa WITH GRAIN VERTICAL

CAP STRIPS AND TOP SHEETING OMITTED FOR CLARITY

LOWER WING DIFFERS FROM UPPER ONLY REF AILERON CUT-OUT, STRUT & LINK POS'N, AND C/S SHEET

3/8" Balsa DOUBLER

3/32" Balsa

3/16" SQ SPRUCE

1/32" PLY SERVO PLATE

SERVO IN LOWER WINGS

STRUT LUG LOCATIONS:

UPPER WING

LOWER WING

1/2" DIHEDRAL