

COLORING - NAVY SPECIFICATIONS

LOWER WINGS AND UNDER SIDE OF UPPER WING - ALUMINUM
 TOP OF UPPER WING - YELLOW
 VERTICAL STABILIZER AND UNDERSIDE OF HORIZONTAL STABILIZER - ALUMINUM
 TOP OF HORIZONTAL STABILIZER - YELLOW
 RUDDER - SAME AS FUSELAGE
 FUSELAGE - GRAY
 THE EMPENNAGE (TAIL GROUP) OF PLANES OF AN INDIVIDUAL OPERATING SQUADRON MAY BE PAINTED IN WHOLE OR ANY PART, ONE OF THE FOLLOWING COLORS: RED - WHITE - BLUE - BLACK - GREEN - YELLOW.

FROM 1/32" SHEET BALSA, CUT TWO SIDES USING ACTUAL PATTERN BELOW. MARK OFF FORMER POSITIONS WITH PENCIL. IF MODEL IS TO BE FLOWN, PORTIONS BETWEEN FORMERS MAY BE CUT AWAY TO REDUCE WEIGHT. SHOULD THE BUILT UP METHOD BE FAVORED, THE 1/16" SQUARE STRIPS CAN BE PLACED IN POSITION WITH THE AID OF PINS TO CONFORM TO THE OUTLINE. THE BODY STACERS ARE THEN PLACED WHERE FORMER POSITIONS ARE SHOWN. HOWEVER, THE SHEET BALSA METHOD IS QUICKER AND INSURES ACCURACY.

NOTCH TO RECEIVE STABILIZER BRACE.

FORMERS ONE TO EIGHT, SHOWN BETWEEN TOP AND FRONT VIEWS, ARE CUT FROM 1/16" SHEET BALSA. (MAY BE SANDED DOWN SLIGHTLY). EACH FORMER IS COMPOSED OF SEVERAL PIECES WHICH ARE CEMENTED TOGETHER RIGHT OVER RESPECTIVE PATTERN. THE SHEET BALSA SIDES ARE NOW SLIPPED INTO FORMER NO. 3 SO THAT FORMER LINES UP WITH MARKINGS. WHILE CEMENT DRIES MAKE SURE SIDES ARE IN CORRECT LINE - UR CEMENT REMAINING FORMERS IN THEIR PROPER LOCATIONS.

FINISH FUSELAGE BY CEMENTING THE 1/16" SQ. BALSA STRINGERS INTO THE NOTCHES OF THE FORMERS.

WITH PLIERS BREAK OFF A PIECE FROM RAZOR BLADE AS SHOWN. THE POINT IS VERY HANDY FOR CUTTING OUT THE NOTCHES OF FORMERS.

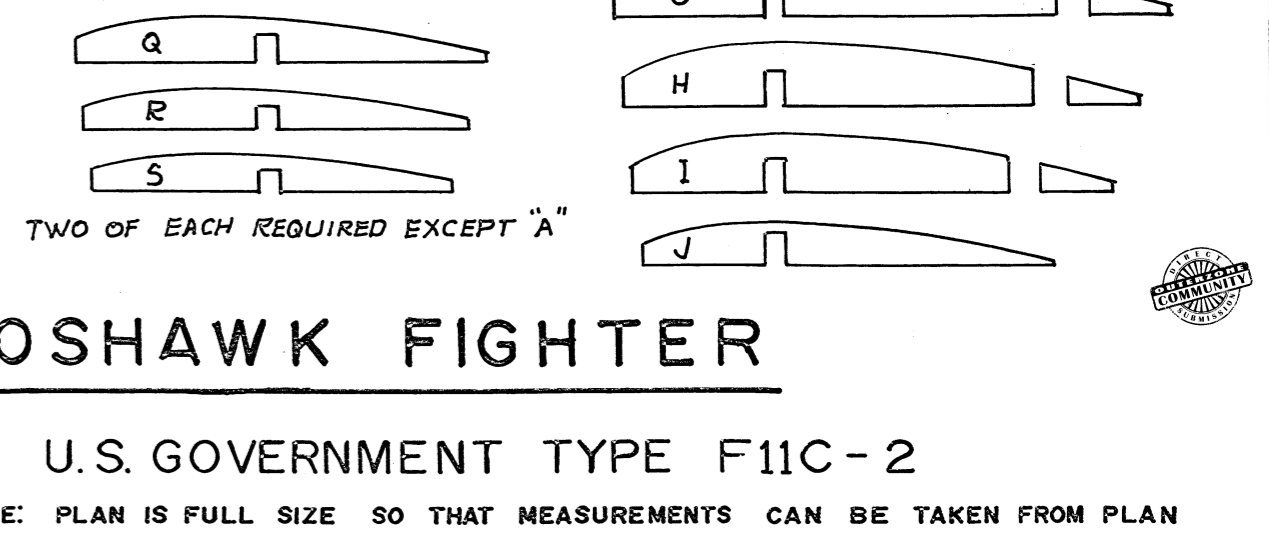
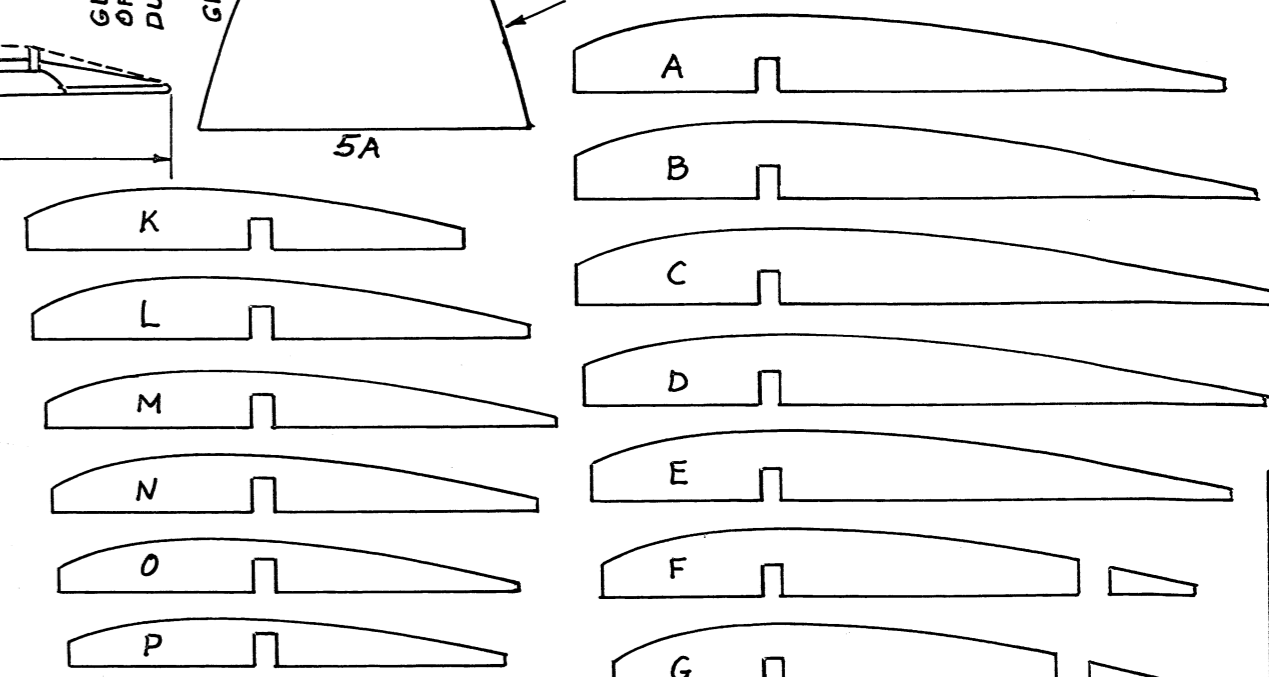
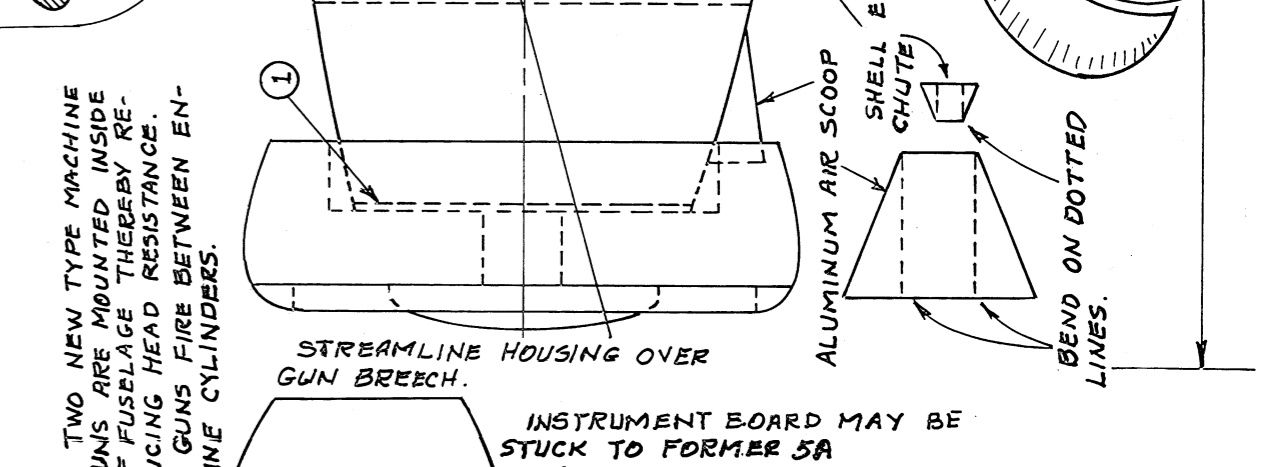
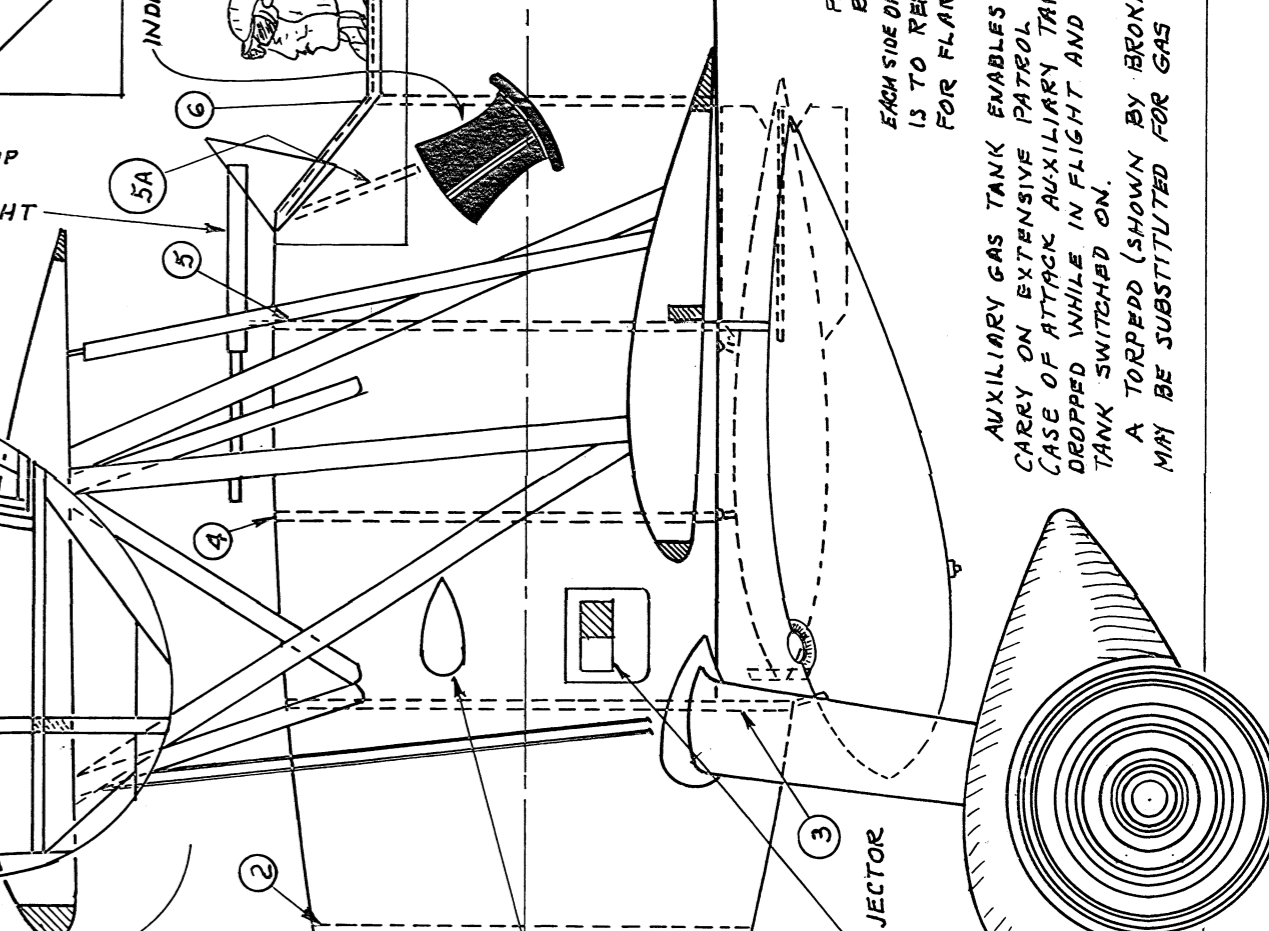
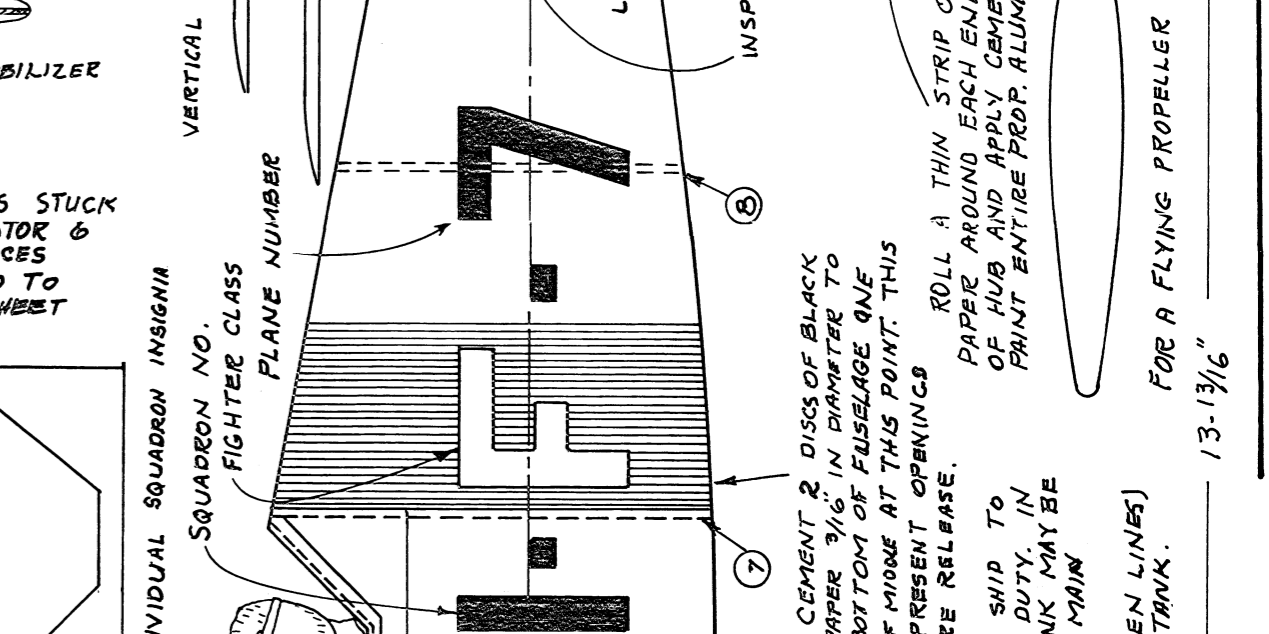
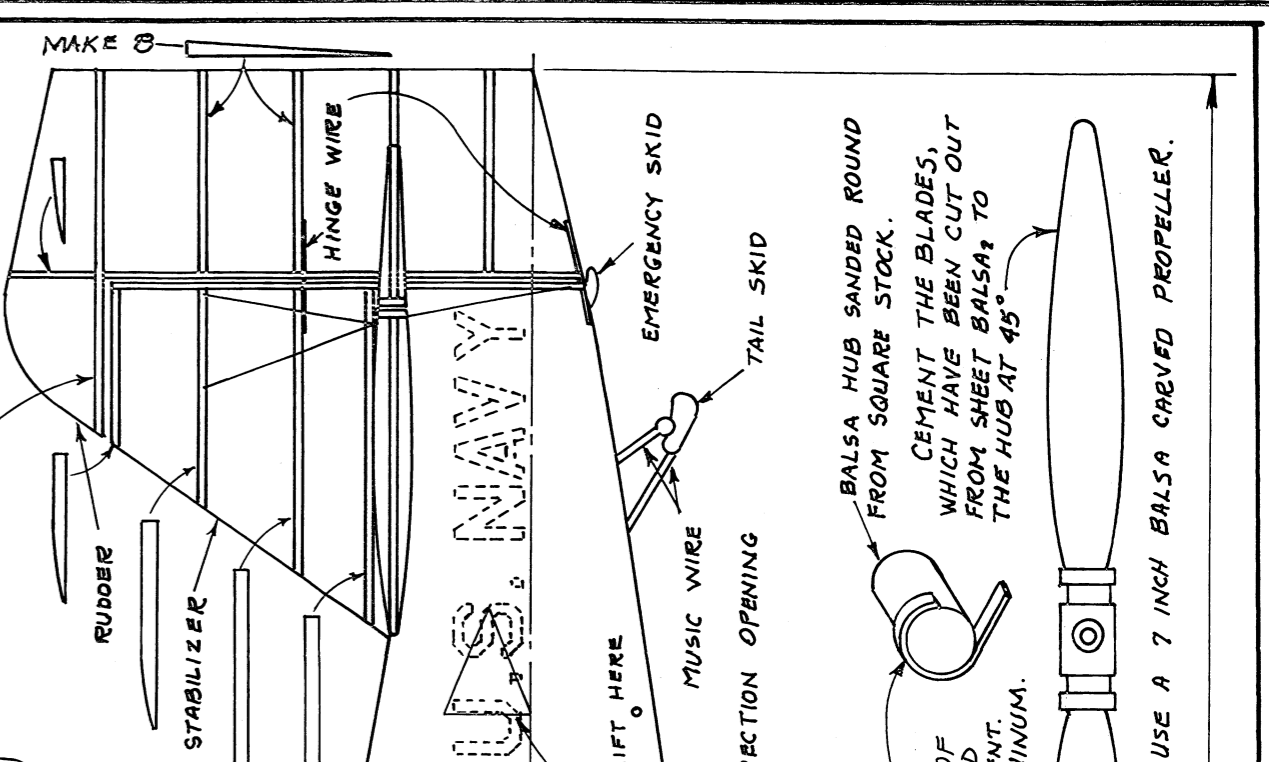
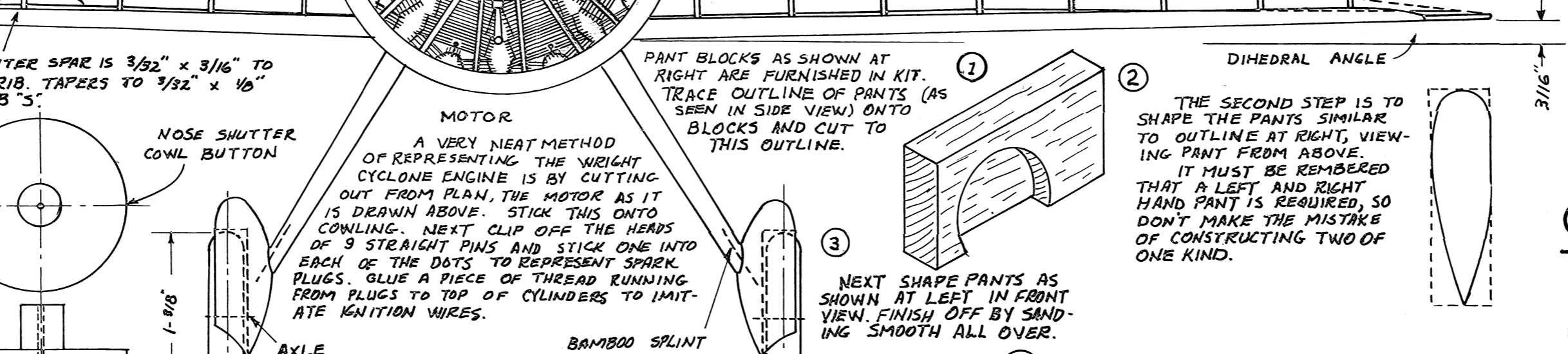
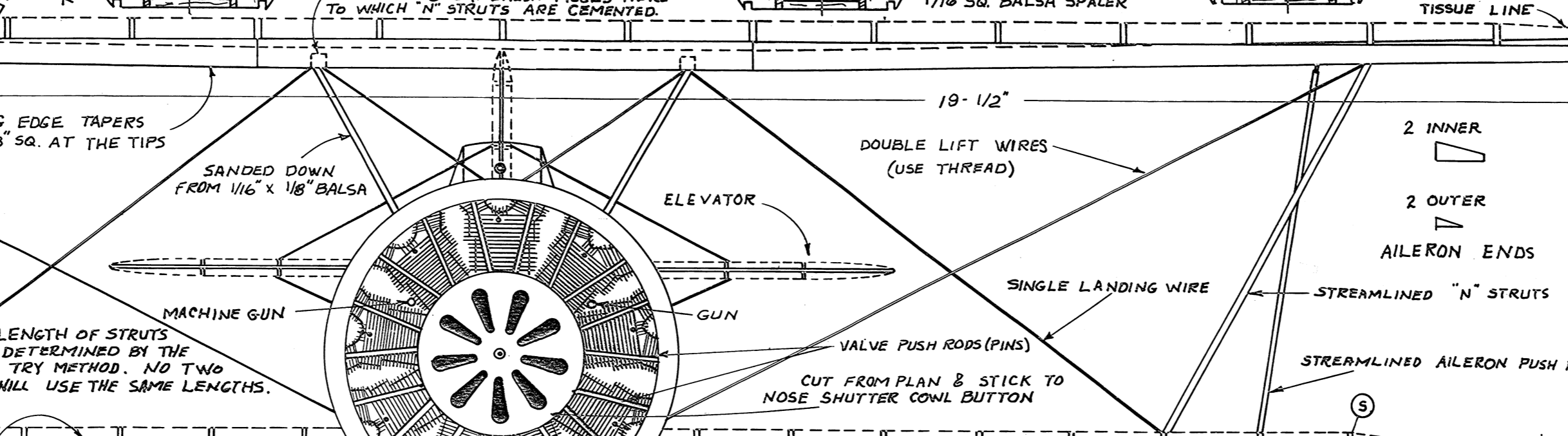
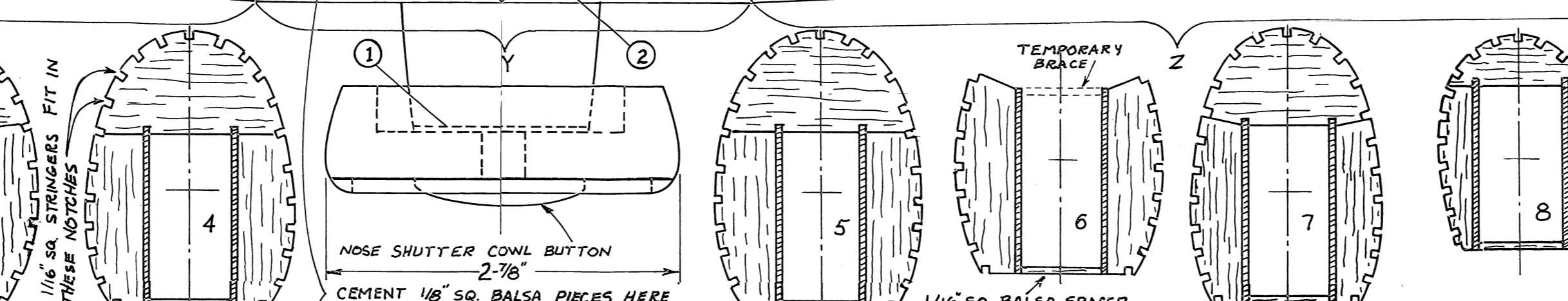
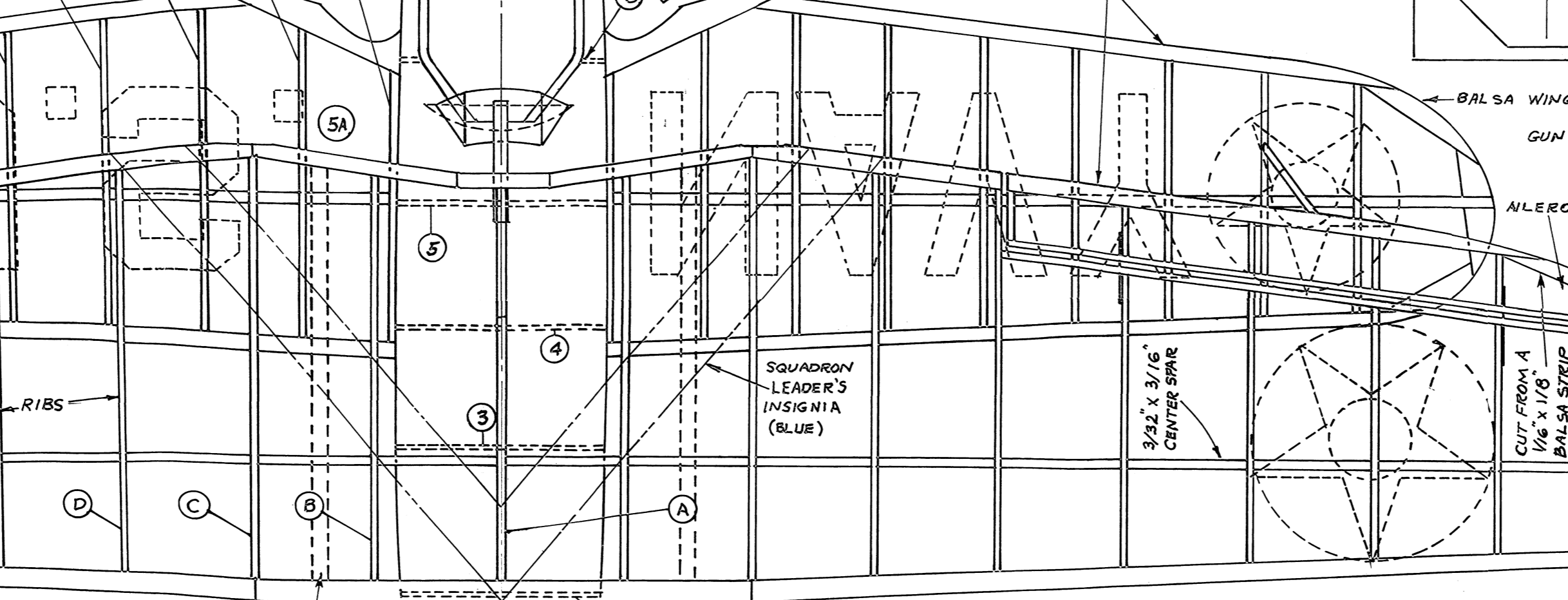
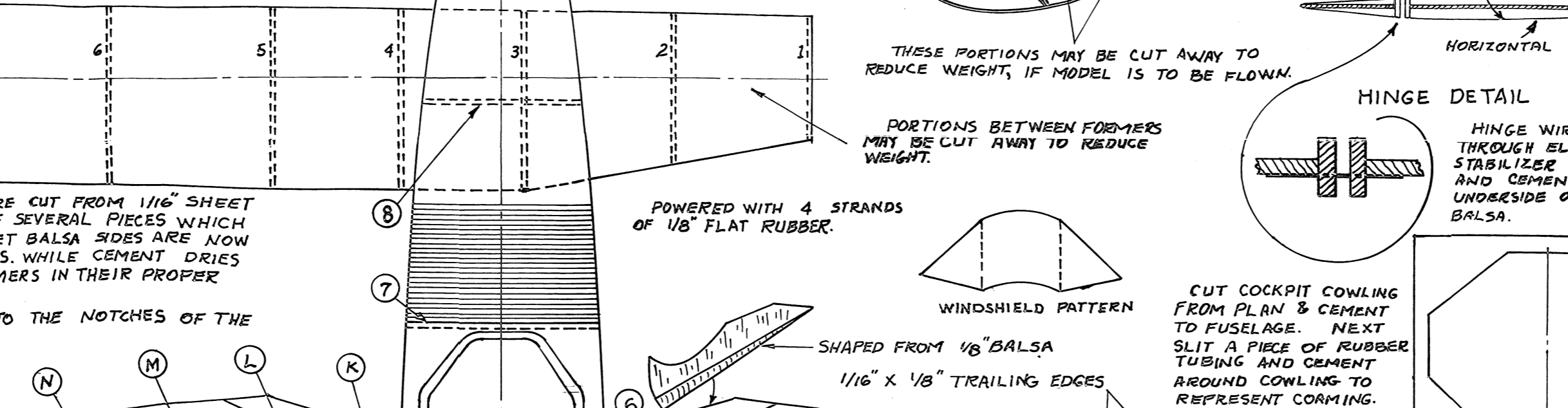
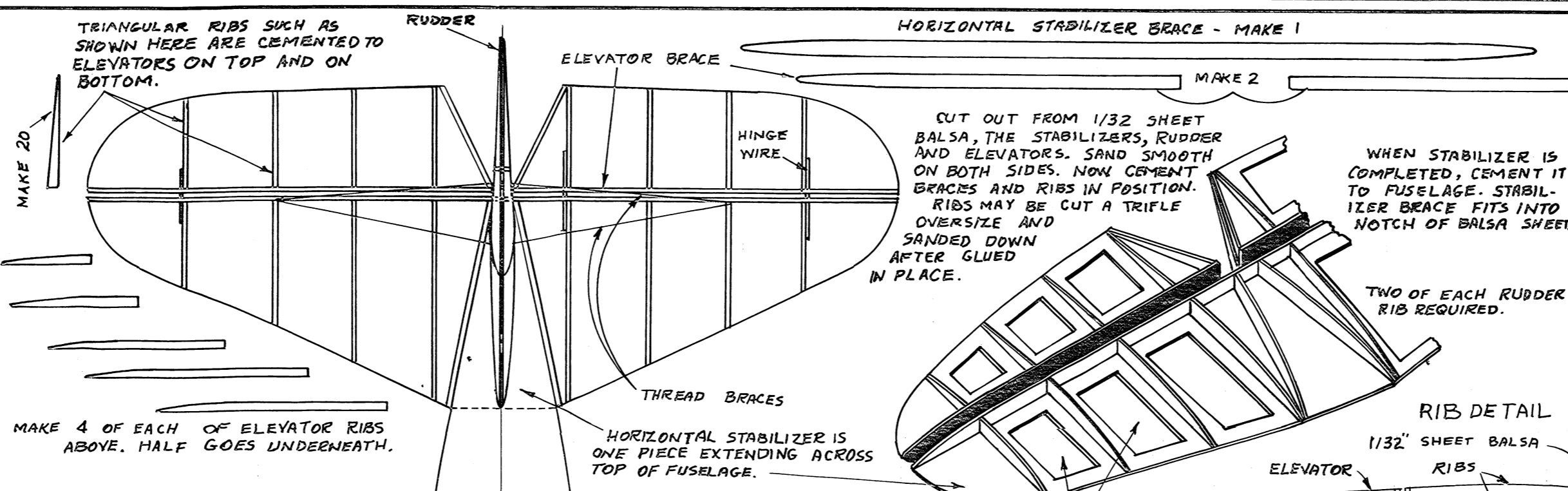
1/16" x 3/16" x 5"

HINGE
 J
 I
 H
 G

SHEET BALSA
 1
 2
 3
 4

ALL STRUTS ON THIS & OTHER SHIPS AS WELL AS STREAMLINED. THIS IS DONE BY SHAPING STRUTS AS SHOWN HERE. NOTE HOW THE FORWARD EDGE IS ROUNDED GRADUALLY TAPERING TO A FINE EDGE.

COWLING
 AT THE RIGHT IS SHOWN THE COWLING ASSEMBLY. PART 'A' IS FURNISHED IN KIT EXACTLY AS SHOWN. THE NOSE SHUTTER COWL BUTTON FITS INTO HOLE IN CENTER OF PART 'A'.
 PART 'B' IS A RING COMPOSED OF TWO PARTS. THEY ARE PRINTED ON A 1/8" PIECE OF SHEET BALSA TOGETHER WITH THE PROPELLER BLADES. CEMENT THESE TWO TOGETHER AND THEN GLUE TO FRONT OF PART 'A'. NOW SAND ENTIRE UNIT TO SHAPE. SEE TOP OR SIDE VIEW OF MODEL FOR SHAPE OF COWLING.



CUT OUT FROM 1/32" SHEET BALSA, THE STABILIZERS, RUDDER AND ELEVATORS. SAND SMOOTH ON BOTH SIDES. NOW CEMENT BRACES AND RIBS IN POSITION. RIBS MAY BE CUT A TRIFLE OVERSIZE AND SANDED DOWN AFTER GLUED IN PLACE.

WHEN STABILIZER IS COMPLETED, CEMENT IT TO FUSELAGE. STABILIZER BRACE FITS INTO NOTCH OF BALSA SHEET.

TWO OF EACH RUDDER RIB REQUIRED.

PORTIONS BETWEEN FORMERS MAY BE CUT AWAY TO REDUCE WEIGHT.

POWERED WITH 4 STRANDS OF 1/8" FLAT RUBBER.

SHAPED FROM 1/8" BALSA
 1/16" x 1/8" TRAILING EDGES

CUT COCKPIT COWLING FROM PLAN & CEMENT TO FUSELAGE. NEXT SLIT A PIECE OF RUBBER TUBING AND CEMENT AROUND COWLING TO REPRESENT COWLING.

WINDSHIELD PATTERN

CUT FROM A 1/8" x 1/8" BALSA STRIP

MAKE 8

EMERGENCY SKID
 TAIL SKID

LIFT HERE
 MUSIC WIRE
 INSPECTION OPENING

BALSA HUB SANDED ROUND FROM SQUARE STOCK. CEMENT THE BLADES, WHICH HAVE BEEN CUT OUT FROM SHEET BALSA TO THE HUB AT 45°.

ROLL A THIN STRIP OF PAPER AROUND EACH END OF HUB AND APPLY CEMENT. PAINT ENTIRE PROP. ALUMINUM.

FOR A FLYING PROPELLER USE A 7 INCH BALSA CAVED PROPELLER.

CEMENT 2 DISCS OF BLACK PAPER 3/16" IN DIAMETER TO BOTTOM OF FUSELAGE ONE EACH SIDE OF MOUSE AT THIS POINT. THIS IS TO REPRESENT OPENINGS FOR FLARE RELEASE.

AUXILIARY GAS TANK ENABLES SHIP TO CARRY ON EXTENSIVE PATROL DUTY. IN CASE OF ATTACK AUXILIARY TANK MAY BE THROWN AWAY BY PULLING A TORPEDO (SHOWN BY BROKEN LINES) MAY BE SUBSTITUTED FOR GAS TANK.

STREAMLINE HOUSING OVER GUN BREACH.
 INSTRUMENT BOARD MAY BE STUCK TO FORMER 5A

THIS NEW TYPE MACHINE GUNS ARE MOUNTED INSIDE OF FUSELAGE THEREBY REDUCING FUEL RESISTANCE. GUNS FIRE BETWEEN ENGINE CYLINDERS.

GOSHAWK FIGHTER

U.S. GOVERNMENT TYPE F11C-2

NOTE: PLAN IS FULL SIZE SO THAT MEASUREMENTS CAN BE TAKEN FROM PLAN