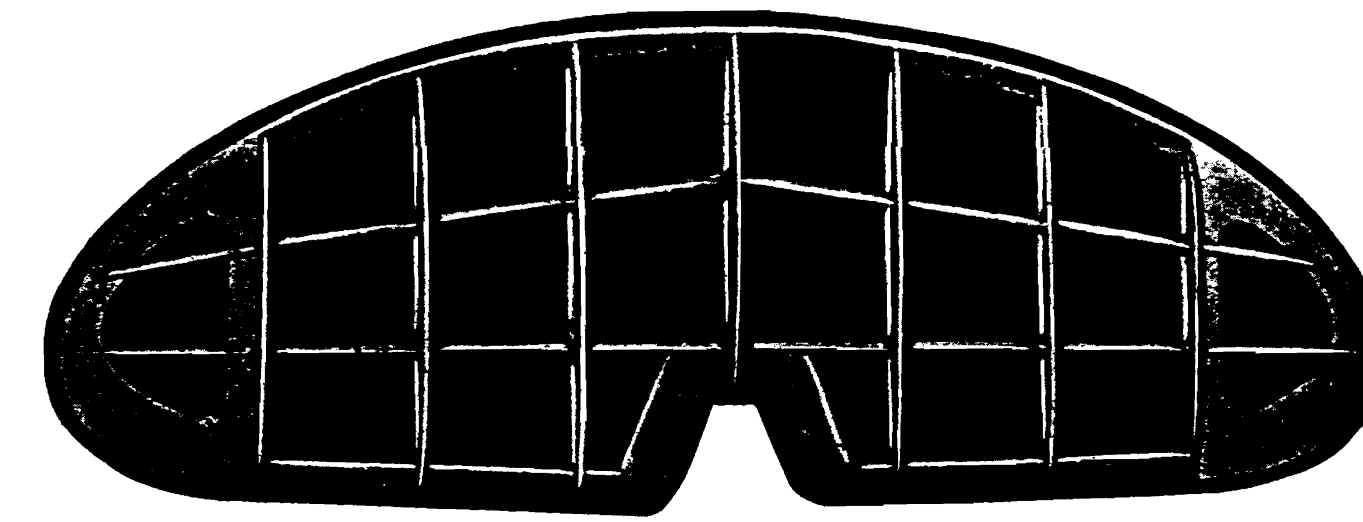
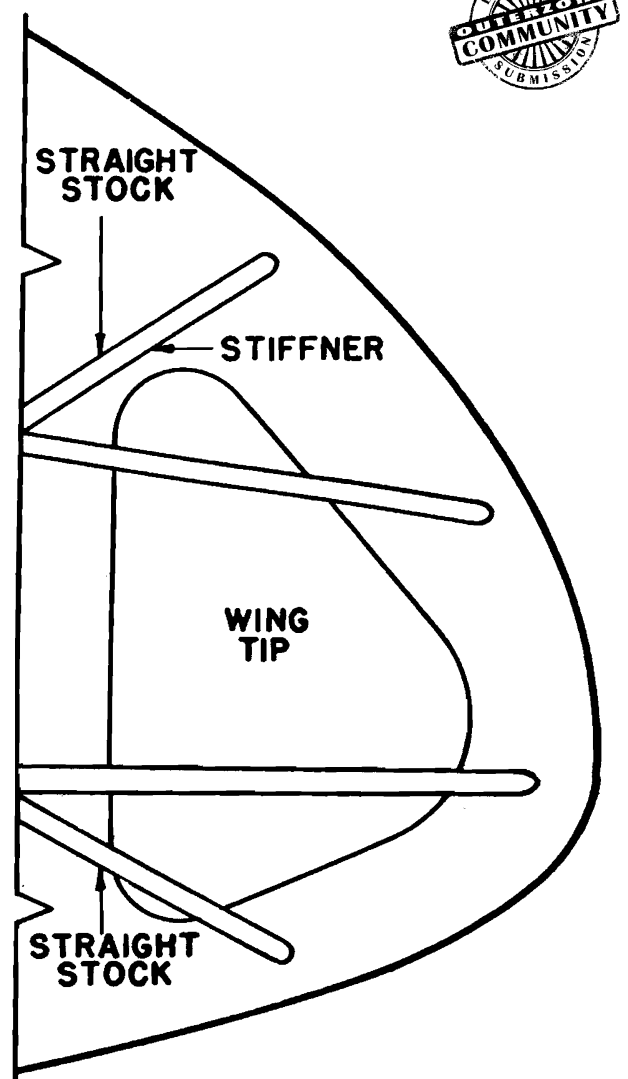
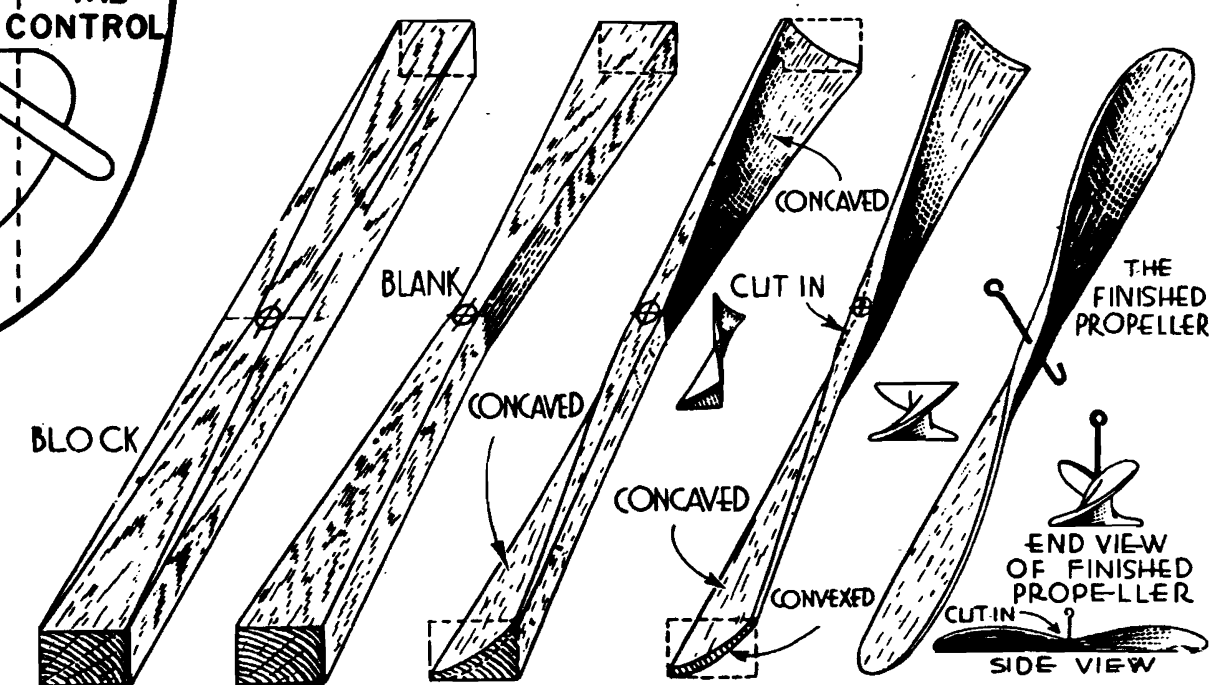
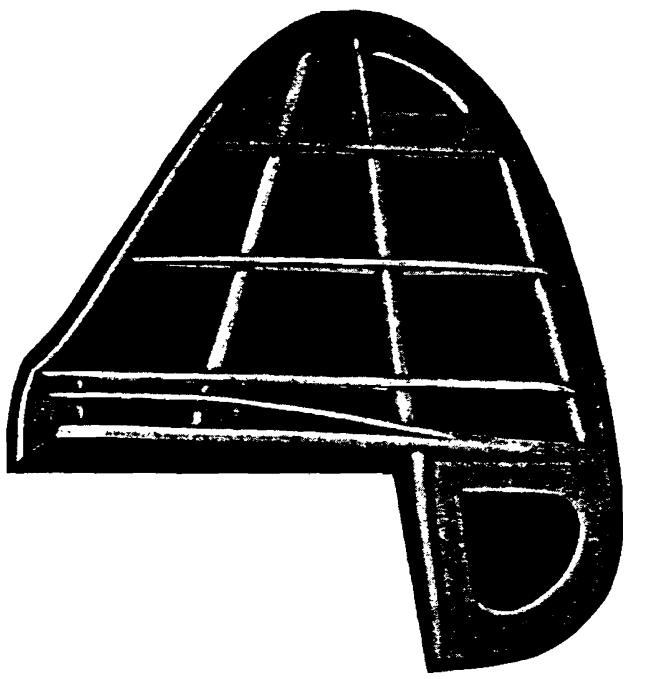


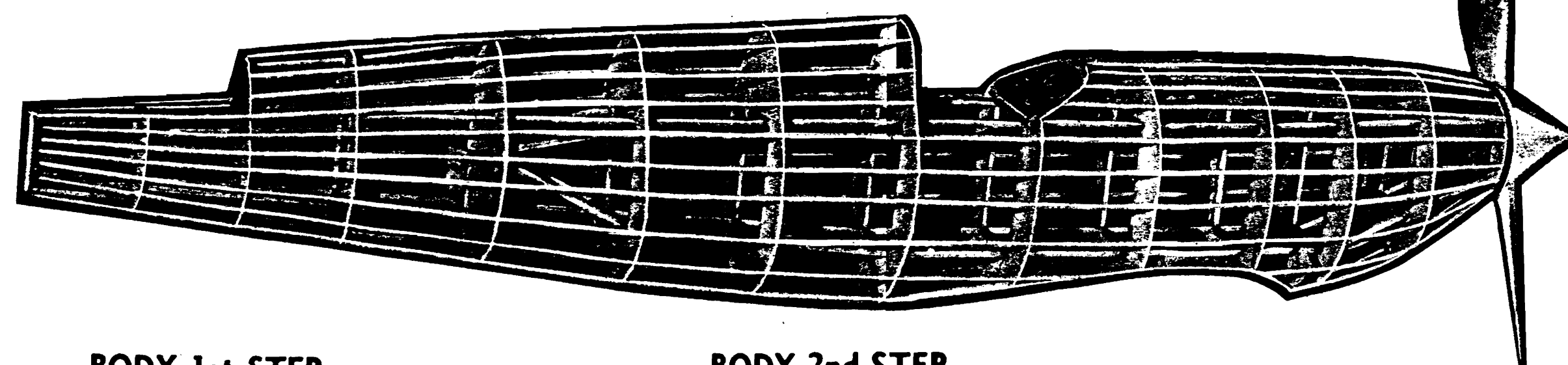
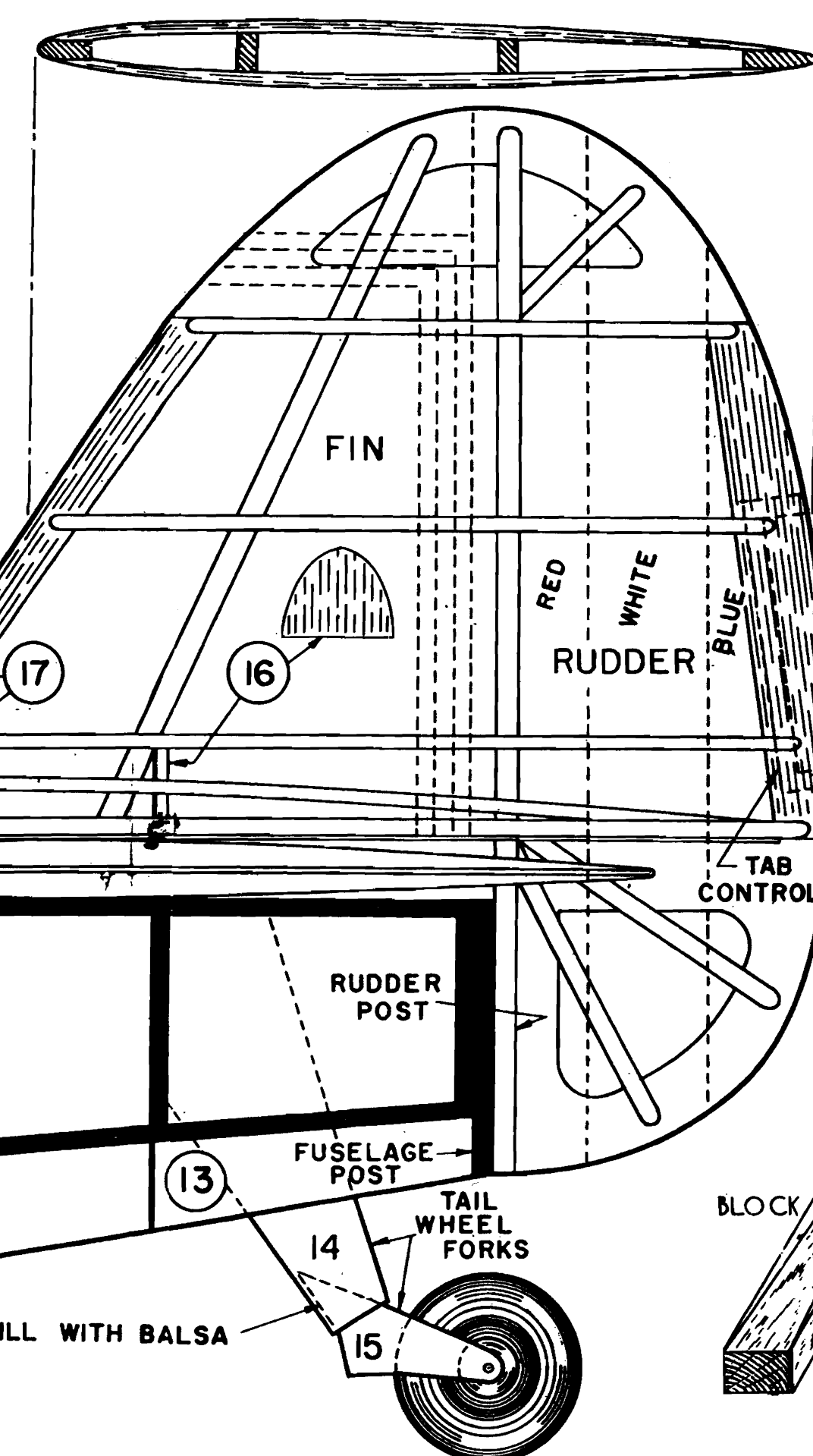


RUDDER
USE THE SIZE STRIP WOOD CALLED FOR ON PLAN AND CONSTRUCT THE RUDDER.



STABILIZER
USE THE SIZE STRIP WOOD CALLED FOR ON PLAN AND CONSTRUCT STABILIZER AND ELEVATORS. COVER THEM FIRST, THEN FIT INTO SLOT IN BODY.

TYPICAL CROSS SECTION OF RUDDER



BODY 1st STEP

USE THE 1-8" x 1-8" STRIP WOOD SUPPLIED AND MAKE TWO SIDES, ONE FOR THE LEFT SIDE, ONE FOR THE RIGHT SIDE. CHECK ON SIDE VIEW.

BODY 2nd STEP

USE THE 1-8" x 1-8" STRIP WOOD SUPPLIED AND JOIN THE TWO SIDES TOGETHER TO FORM THE GENERAL SQUARE PART OF THE FUSELAGE.

DETAILED INSTRUCTIONS

BY *Joe Ott*

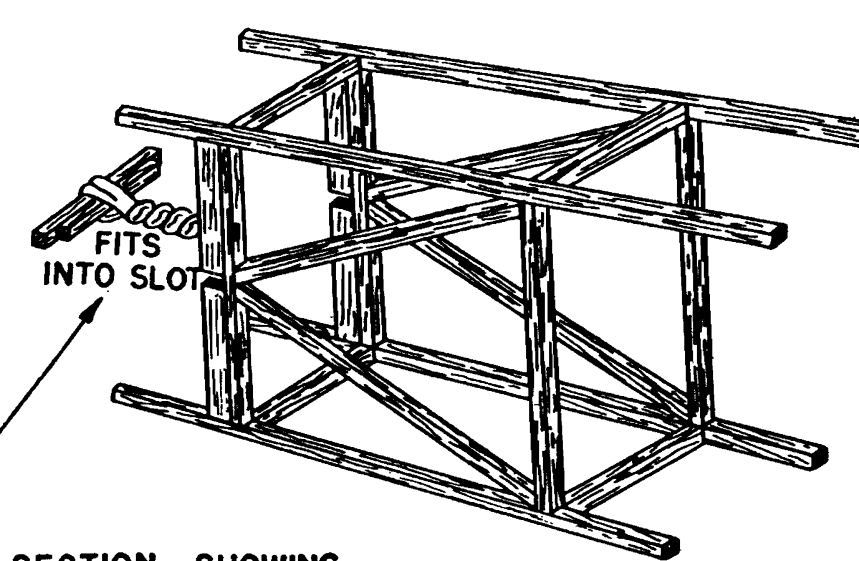
STUDY PLANS AND PERSPECTIVE SKETCHES BEFORE STARTING ANY OF THE ACTUAL WORK. PIN PLAN TO A SOFT BOARD AND USE WAXED PAPER OVER PLAN TO PREVENT THE WOOD FROM BEING CEMENTED TO THE PLAN.

STRIPS

ALL STRIPS, CUT TO THE CORRECT SIZE, ARE SUPPLIED. SELECT THESE CAREFULLY AS CONSTRUCTION PROCEEDS.

SIDE VIEW

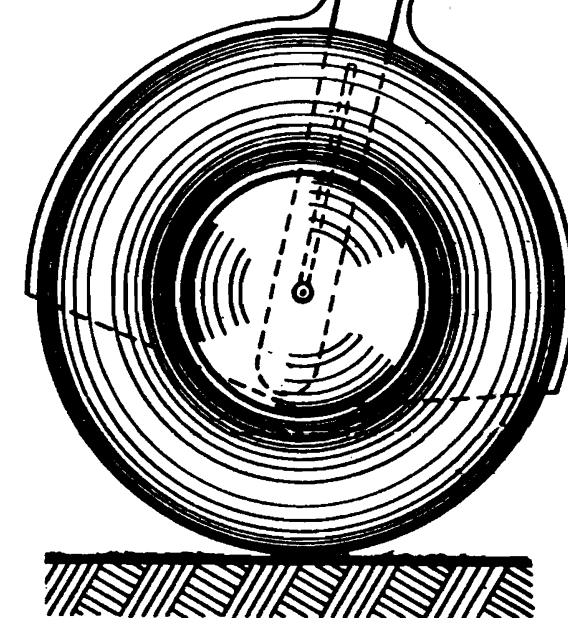
FUSELAGE



FUSELAGE SECTION SHOWING RUBBER MOTOR ATTACHMENT

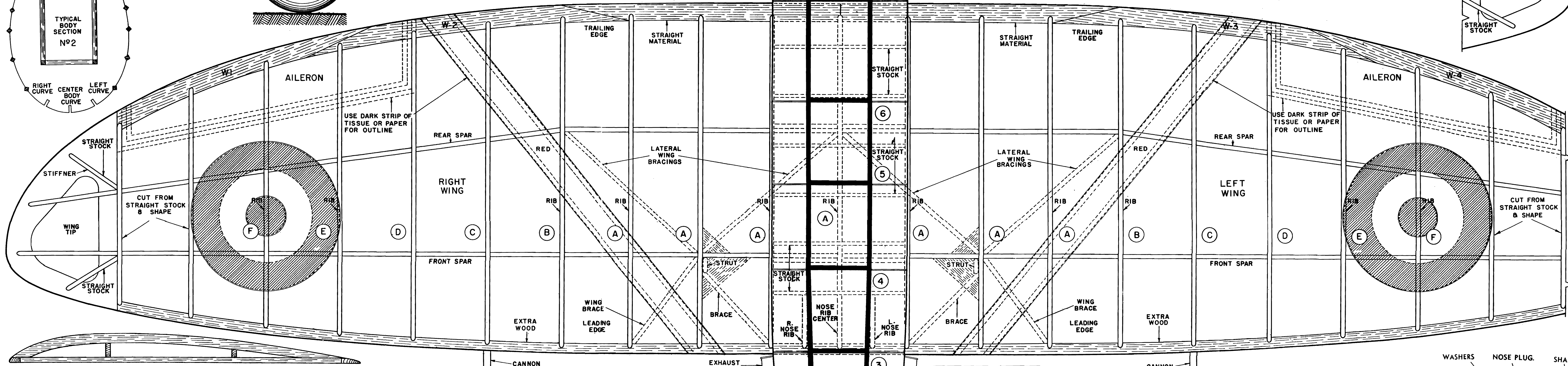
COVERING

FIT MODEL COVERING PAPER TO LARGEST SECTION POSSIBLE WITHOUT WRINKLING. THEN PASTE DOWN USING DILUTED CEMENT, BANANA OIL OR TISSUE CEMENT. RUN THE GRAIN OF THE PAPER PARALLEL TO THE LENGTH OF THE PART BEING COVERED. WHEN COVERED SPRAY LIGHTLY WITH WATER. DO NOT SOAK AND ALLOW TO SHRINK.

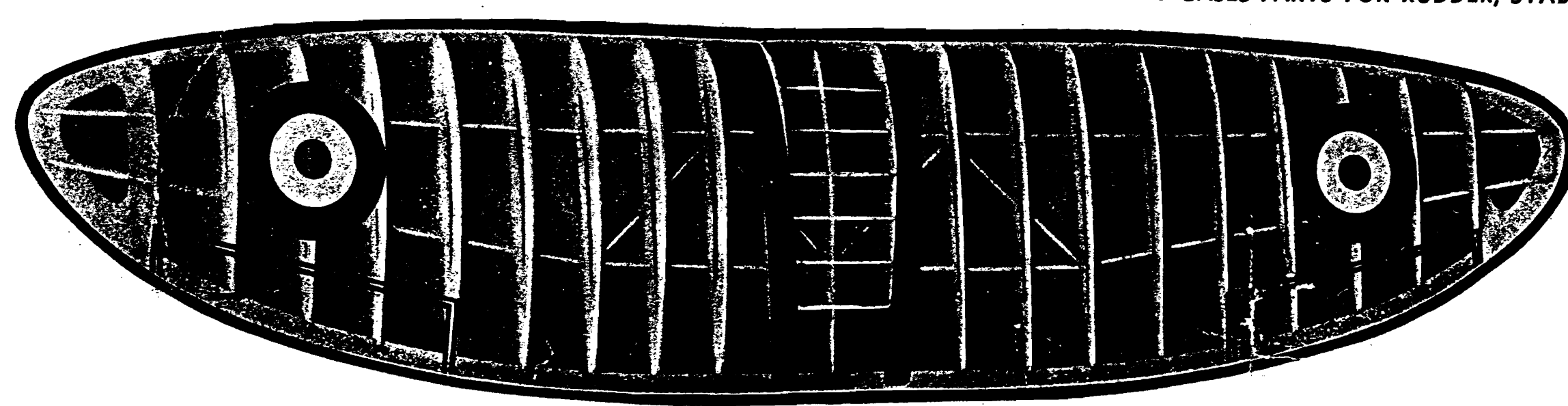


TYPICAL BODY SECTION No. 2

RIGHT CURVE CENTER BODY CURVE LEFT CURVE



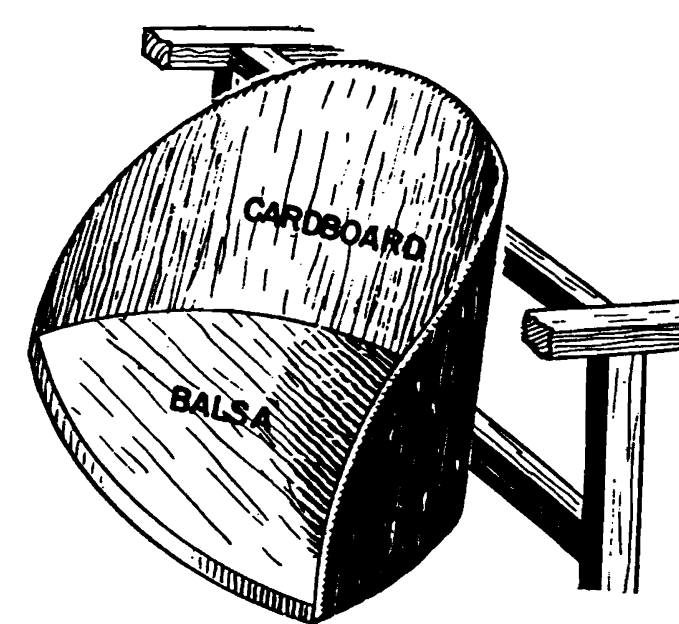
PLAN VIEW



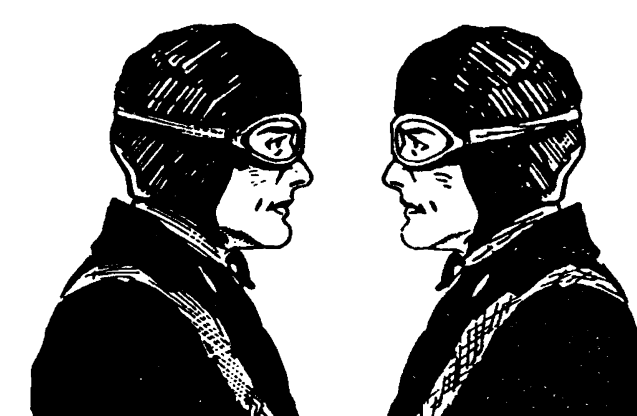
RIB SHEET

PRINTED BALSA SHEETS CONTAIN ALL RIBS, BODY FORMERS AND IN SOME CASES PARTS FOR RUDDER, STABILIZER, ETC.

PILOTS SEAT
MADE OF HEAVY PAPER AND BALSA WOOD. MATERIAL NOT FURNISHED



PILOTS
CUT THESE OUT AND PASTE IN COCKPITS.



COWLING
USE STRIP WOOD SUPPLIED AND CURVED PIECES CUT FROM RIB SHEET TO CONSTRUCT COWLING WHEN FINISHED, COVER AND MOUNT ON BODY.

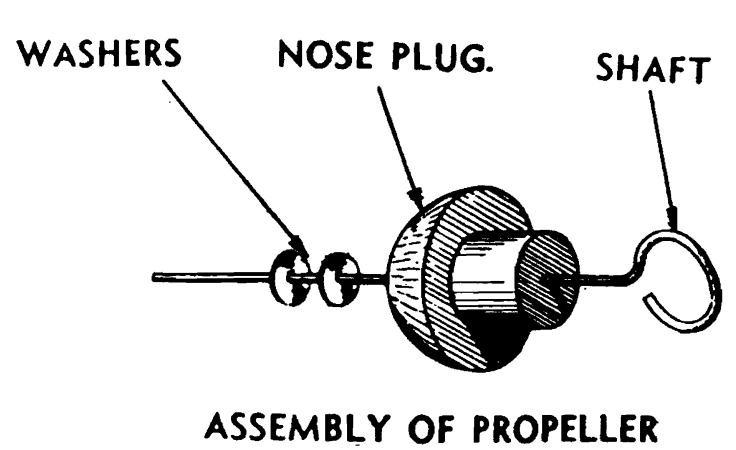
BALANCING

BEFORE ANY TEST FLIGHT IS ATTEMPTED CHECK FOR CENTER OF BALANCE BY SUSPENDING THE FINISHED MODEL AT THE WING-TIPS. MODEL SHOULD BALANCE IN FLYING POSITION. IF TAIL LOWERS ADD A SMALL LEAD OR IRON WEIGHT IN THE NOSE. IF NOSE LOWERS ADD WEIGHT IN TAIL.

FLYING

AFTER MODEL HAS BEEN BALANCED, CHECK GLIDING QUALITIES AND THEN WIND THE PROPELLER ABOUT 50 TO 75 TURNS FOR ITS FIRST TRIAL FLIGHT.

BODY 3rd STEP
USE THE FORMERS CUT FROM THE RIB SHEET SUPPLIED AND 1-4" x 1-4" STRIPS TO ROUND OFF THE FUSELAGE.



ASSEMBLY OF PROPELLER

45" SPITFIRE
BRITISH INTERCEPTOR

FULL SIZE FLYING SCALE MODEL No. 4502

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