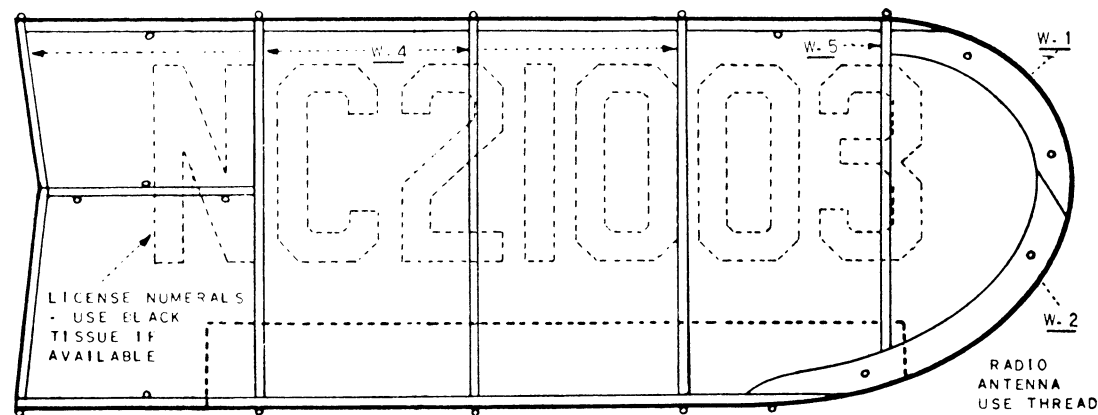


LEFT WING LAYOUT

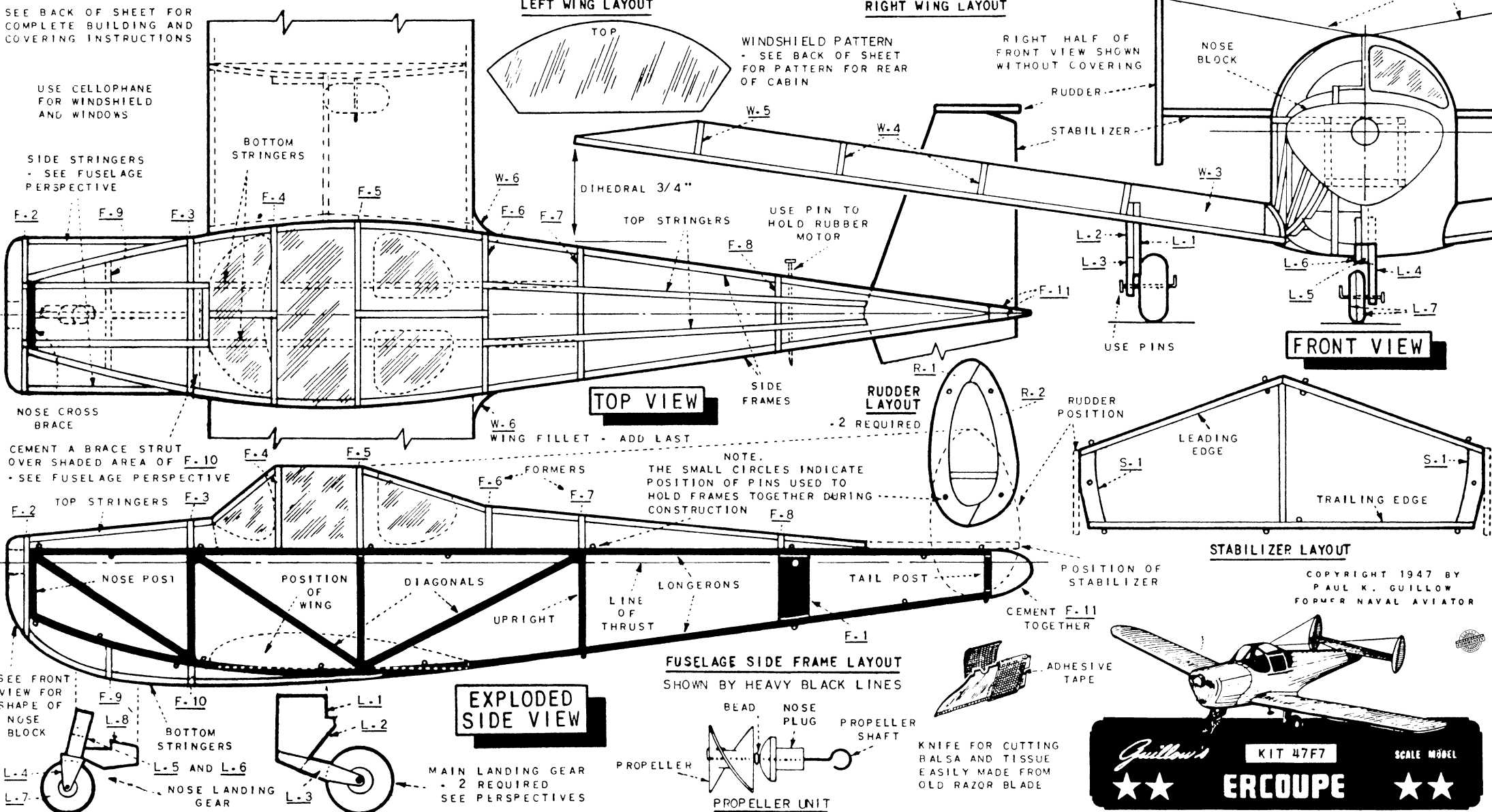


RIGHT WING LAYOUT

SEE BACK OF SHEET FOR COMPLETE BUILDING AND COVERING INSTRUCTIONS

USE CELLOPHANE FOR WINDSHIELD AND WINDOWS

SIDE STRINGERS - SEE FUSELAGE PERSPECTIVE



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★ STEP BY STEP INSTRUCTIONS ★

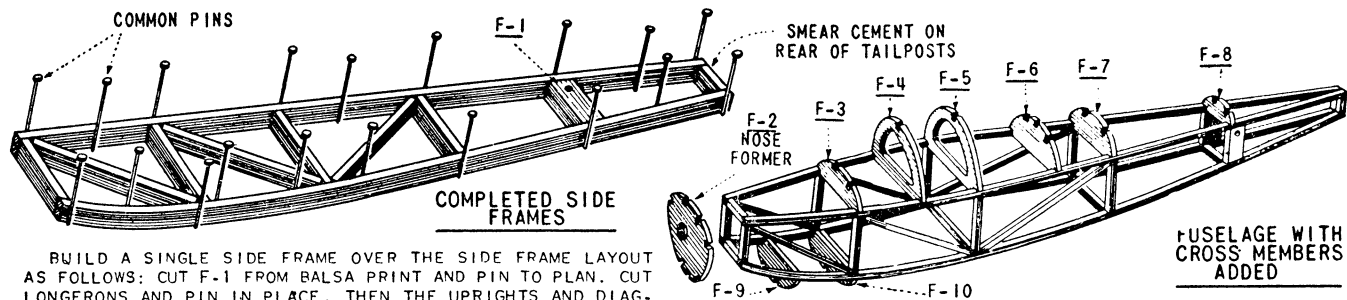
ERCOUPE

STUDY PLAN AND INSTRUCTIONS BEFORE STARTING WORK. WHEN READY FOR WORK, PIN PLAN TO WORKBOARD (SOFT WOOD) AND COVER WITH TRANSPARENT WAX PAPER TO PREVENT BALSA FRAMES FROM STICKING TO PLAN.

USE MODEL AIRPLANE CEMENT (NOT FURNISHED) TO FASTEN FRAMES TOGETHER. USE THIN COMMON PINS TO HOLD FRAME MEMBERS IN PLACE DURING CONSTRUCTION. WORK CAREFULLY AND ACCURATELY FOR BEST RESULTS.

A. FUSELAGE CONSTRUCTION

MATERIAL REQUIRED: 1/20" SQ. BALSA STRIPS FOR LONGERONS, UPRIGHTS, DIAGONALS, CROSS MEMBERS AND STRINGERS - BALSA PRINT FROM F-1 TO F-11 AND BALSA BLOCK FOR THE NOSE BLOCK.

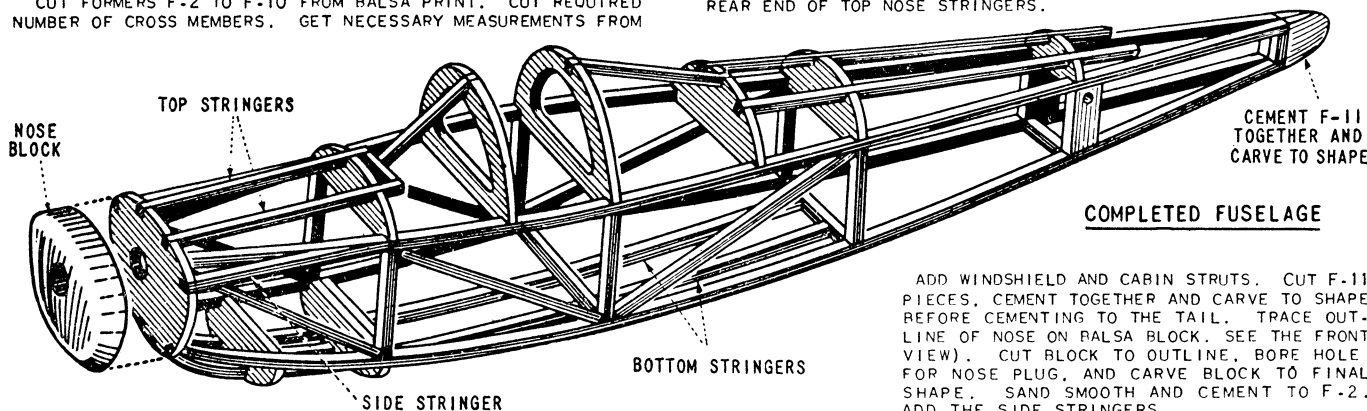


BUILD A SINGLE SIDE FRAME OVER THE SIDE FRAME LAYOUT AS FOLLOWS: CUT F-1 FROM BALSA PRINT AND PIN TO PLAN. CUT LONGERONS AND PIN IN PLACE, THEN THE UPRIGHTS AND DIAGONALS. CEMENT FRAME TOGETHER BY PLACING A DROP OF CEMENT IN EACH CORNER. BUILD A SECOND SIDE FRAME ON TOP OF THE FIRST AS SHOWN ABOVE. SNEAR CEMENT OVER THE REAR FACE OF THE TAIL POSTS. WHEN DRY, REMOVE FRAMES FROM PLAN, AND SPLIT APART EXCEPT AT THE TAIL POSTS.

CUT FORMERS F-2 TO F-10 FROM BALSA PRINT. CUT REQUIRED NUMBER OF CROSS MEMBERS. GET NECESSARY MEASUREMENTS FROM

TOP VIEW. ALSO STUDY PERSPECTIVE SHOWN ABOVE. CEMENT CROSS MEMBERS BETWEEN NOSE OF SIDE FRAMES, THEN ADD F-2 TO NOSE. ADD FORMERS F-3 TO F-10 AND THE CROSS MEMBERS.

CUT TOP STRINGERS AND CEMENT THEM IN PLACE. ADD THE TOP, THEN BOTTOM STRINGERS. CEMENT CROSS MEMBER BETWEEN REAR END OF TOP NOSE STRINGERS.

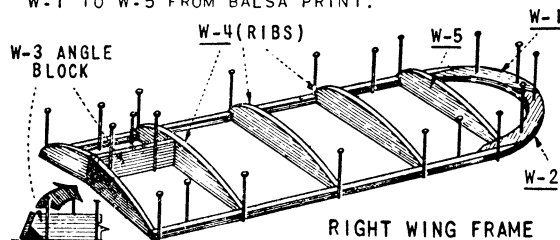


ADD WINDSHIELD AND CABIN STRUTS. CUT F-11 PIECES. CEMENT TOGETHER AND CARVE TO SHAPE BEFORE CEMENTING TO THE TAIL. TRACE OUTLINE OF NOSE ON BALSA BLOCK. SEE THE FRONT VIEW. CUT BLOCK TO OUTLINE, BORE HOLE FOR NOSE PLUG, AND CARVE BLOCK TO FINAL SHAPE. SAND SMOOTH AND CEMENT TO F-2. ADD THE SIDE STRINGERS.

B. WING CONSTRUCTION

BUILD WING FRAMES OVER RIGHT AND LEFT LAYOUTS.

MATERIAL REQUIRED: 1/20" SQ. BALSA STRIPS FOR SPARS (LEADING AND TRAILING EDGES) - PIECES W-1 TO W-5 FROM BALSA PRINT.

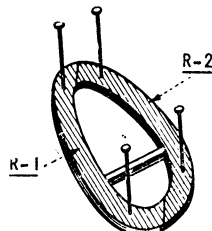


CUT W-1 TO W-5 FROM BALSA PRINT. CEMENT W-1 TO W-2 AND PIN TO TIP OF RIGHT WING LAYOUT. CEMENT LEADING, THEN TRAILING EDGE TO WING TIP AND PIN IN PLACE. PIN WING ANGLE BLOCK W-3 TO PLAN. CEMENT RIBS IN PLACE.

BUILD LEFT WING FRAME ON LEFT WING LAYOUT.

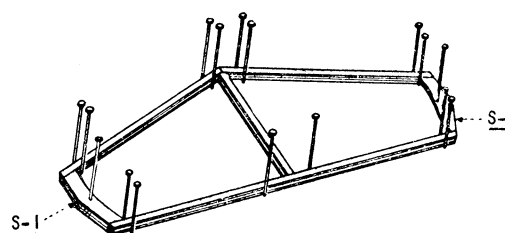
C. RUDDER AND STABILIZER CONSTRUCTION

MATERIAL REQUIRED: 1/20" SQ. BALSA STRIPS - PIECES R-1 AND R-2, ALSO PIECES S-1 FROM BALSA PRINT.



RUDDER FRAME

CUT R-1 AND R-2 FROM BALSA PRINT. CEMENT TOGETHER AND PIN TO RUDDER LAYOUT. ADD CENTER SPAR.

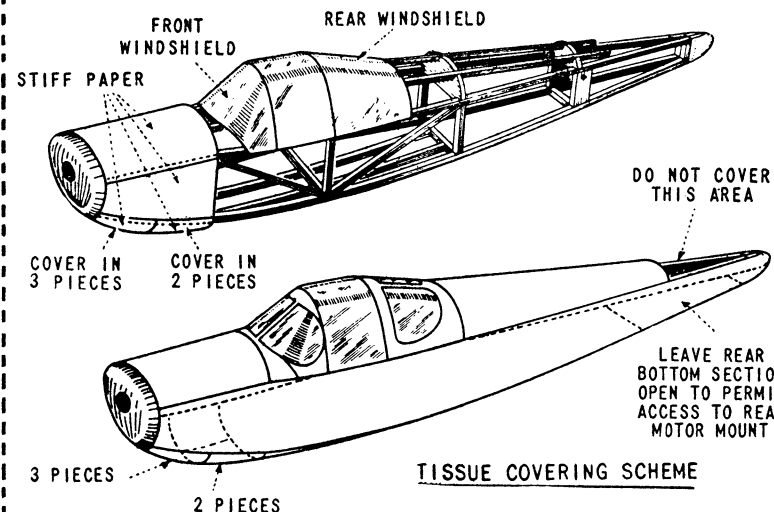


STABILIZER FRAME

CUT PIECES S-1 FROM BALSA PRINT AND PIN TO STABILIZER LAYOUT. ADD LEADING, THEN TRAILING EDGE. FIT ROOT RIB BETWEEN SPARS AND CEMENT IN PLACE.

D. COVERING THE FRAMES

MATERIAL REQUIRED: MODEL AIRPLANE TISSUE - STIFF PAPER (WHITE TYPE-WRITER PAPER) - CELLOPHANE. THE LATTER ITEMS ARE NOT FURNISHED.



COVER NOSE OF FUSELAGE WITH STIFF PAPER. ADD CELLOPHANE WINDOWS. COVER SIDES OF FUSELAGE WITH TISSUE, THEN TOP AND BOTTOM. NOTE: CUT TISSUE PIECES 1/4" LARGER THAN NEEDED. APPLY CEMENT ALONG TOP OF BALSA FRAME MEMBERS THAT COME IN TOUCH WITH

EDGES OF TISSUE PIECES. DO NOT PUT CEMENT ON TISSUE OR ON THE INNER MEMBERS OF THE BALSA FRAME. TRIM TISSUE TO SIZE AFTER CEMENTING IT TO THE FRAME. COVER ONLY THE TOP OF WING AND STABILIZER FRAMES. THE RUDDER IS COVERED ON BOTH SIDES.

E. ASSEMBLING THE MODEL

WHEN ASSEMBLING MODEL, CHECK WITH PLAN TO SEE THAT THE PARTS ARE IN THE CORRECT POSITION. DO THIS BEFORE THE CEMENT DRIES. ASSEMBLE MODEL AS FOLLOWS: CEMENT STABILIZER IN PLACE. ADD RUDDERS TO STABILIZER TIPS. CEMENT WINGS TO SIDES OF FUSELAGE. RAISE TIPS TO DIHEDRAL GIVEN ON FRONT VIEW.

ASSEMBLE MAIN LANDING GEAR (FIG.1). CEMENT TO RIB AND ANGLE BLOCK. ASSEMBLE NOSE LANDING GEAR (FIG.2). CEMENT TO BOTTOM CENTER STRINGER AS SHOWN, ADD L-8. SEE SIDE VIEW OF PLAN.

ASSEMBLE PROPELLER UNIT AND INSTALL IN THE MODEL AS SHOWN (FIG.3). USE LONG WIRE HOOK TO PULL RUBBER MOTOR THRU THE FUSELAGE. DO NOT CEMENT NOSE PLUG TO THE NOSE.

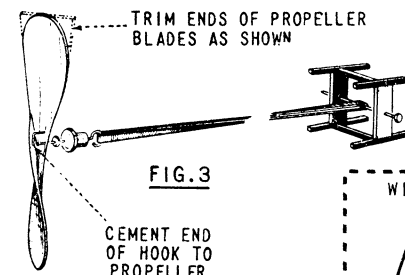
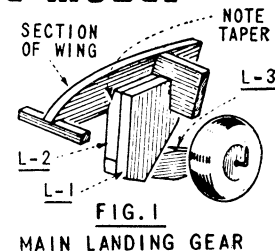


FIG.3

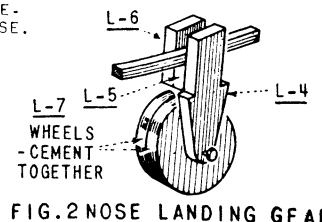
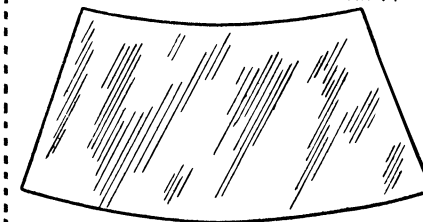


FIG.2 NOSE LANDING GEAR

WINDSHIELD FOR REAR OF COCKPIT



CUT LICENSE NUMBERS FROM BLACK TISSUE IF AVAILABLE AND CEMENT TO TOP OF RIGHT WING. ADD WING FILLETS W-6 AND COVER WITH TISSUE.