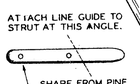
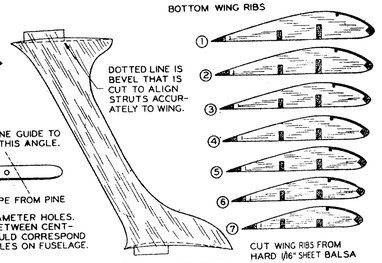
Knight Twister

By Walter Schroder

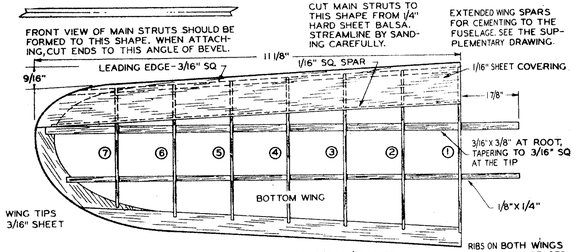
CUT "N" STRUTS FROM 1/4" SQ. HARD WOOD. BE SURE TO CEMENT ALL JOINTS THROUGHLY. SAND TO A STREAMLINED SHAPE.



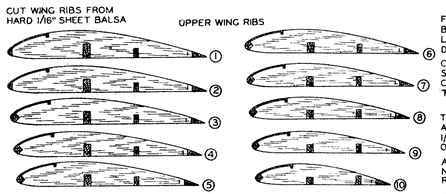
3/32" DIAMETER HOLES. WIDTH BETWEEN CENTERS SHOULD CORRESPOND WITH HOLES ON FUSELAGE.



EXTENDED WING SPARS FOR CEMENTING TO THE FUSELAGE SEE THE SUPPLEMENTARY DRAWING.



RIBS ON BOTH WINGS ARE EQUALLY SPACED EVERY 1 1/2".

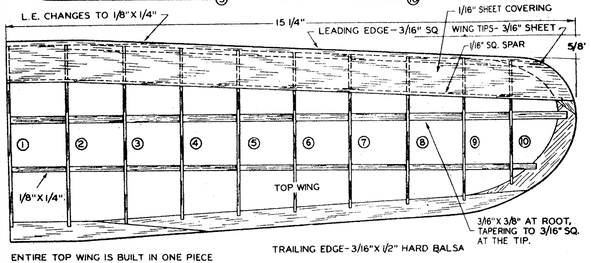


FINISHED MODEL SHOULD BE PAINTED PURE WHITE LIKE THE ORIGINAL SHIP. DECORATION IN BLACK.

COVER WITH GAS MODEL SILKSPAN. GIVE SEVERAL COATS OF CLEAR DOPE THEN THREE OF WHITE.

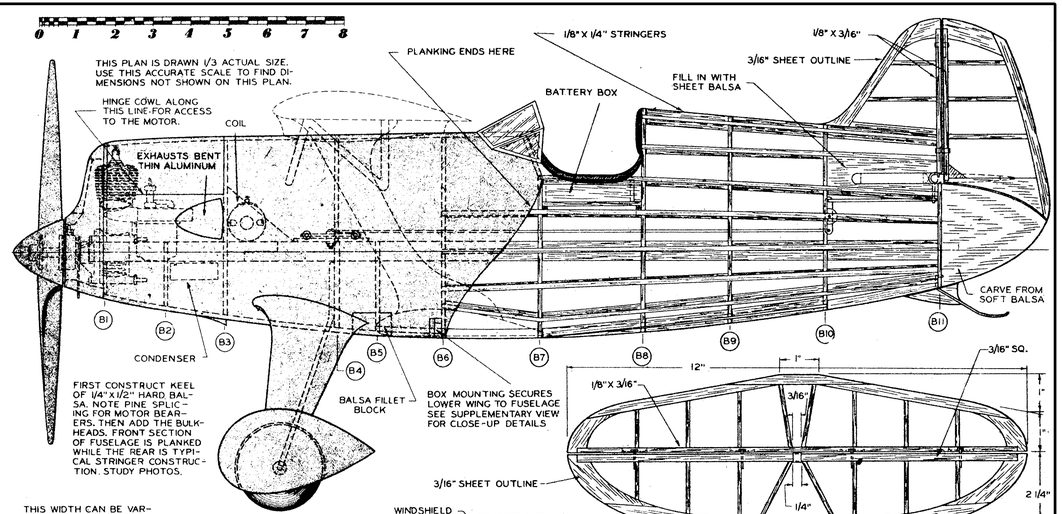
THERE IS NO DIHEDRAL ANGLE ON EITHER WING. 1/8" IS FORMED BY TAPER OF THE WING SPARS.

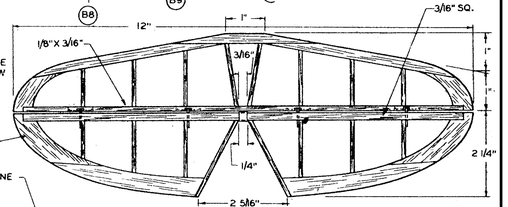
ATTACH STRUTS TO RIB NO. 9 OF UPPER WING & RIB 6 OF LOWER WING.



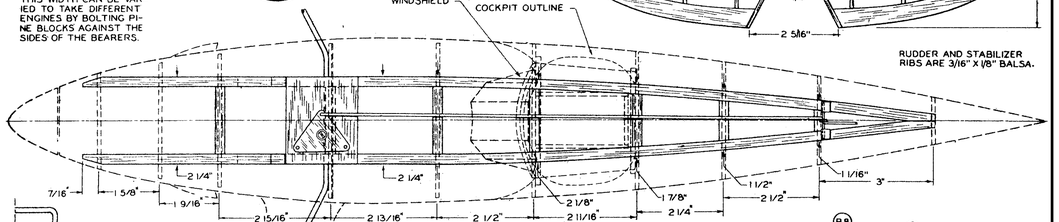
ENTIRE TOP WING IS BUILT IN ONE PIECE

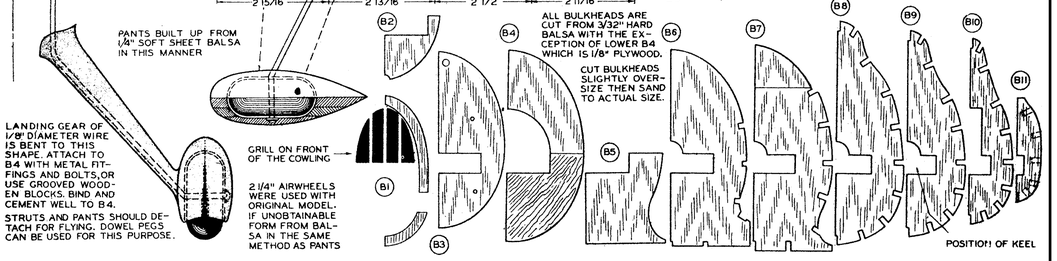
THIS PLAN IS DRAWN 1/3 ACTUAL SIZE. USE THIS ACCURATE SCALE TO FIND DIMENSIONS NOT SHOWN ON THIS PLAN.

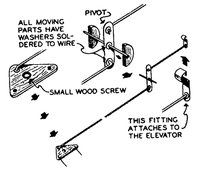




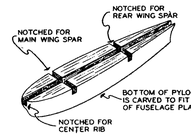
THIS WIDTH CAN BE VARIED TO TAKE DIFFERENT ENGINES BY BOLTING PINE BLOCKS AGAINST THE SIDES OF THE BEARERS.





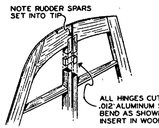


CONTROL SYSTEM

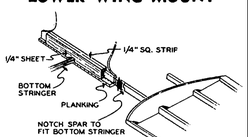


WING MOUNT

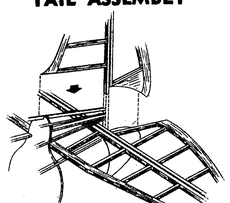
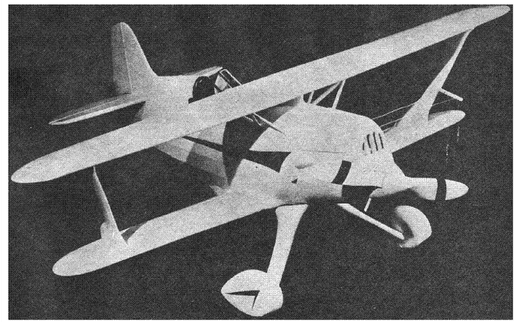
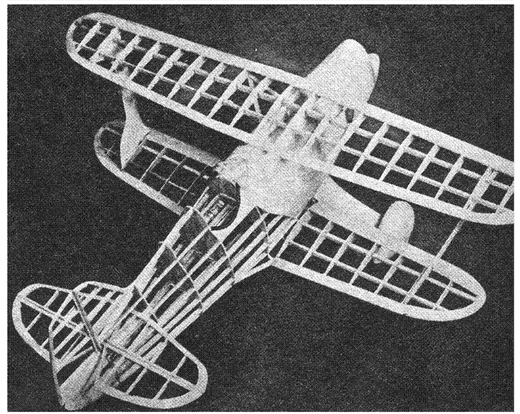
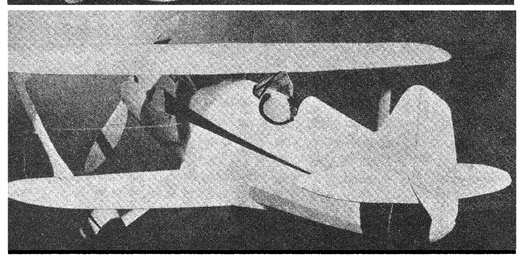
RUDDER HINGE



LOWER WING MOUNT



TAIL ASSEMBLY



STABILIZER IS MOUNTED IN THIS MANNER: FIRST, FILL IN SPACE BETWEEN STRINGERS, THEN CUT STAB OPENING. CEMENT WELL. RUDDER BUTT-JOINTS AS INDICATED HERE.