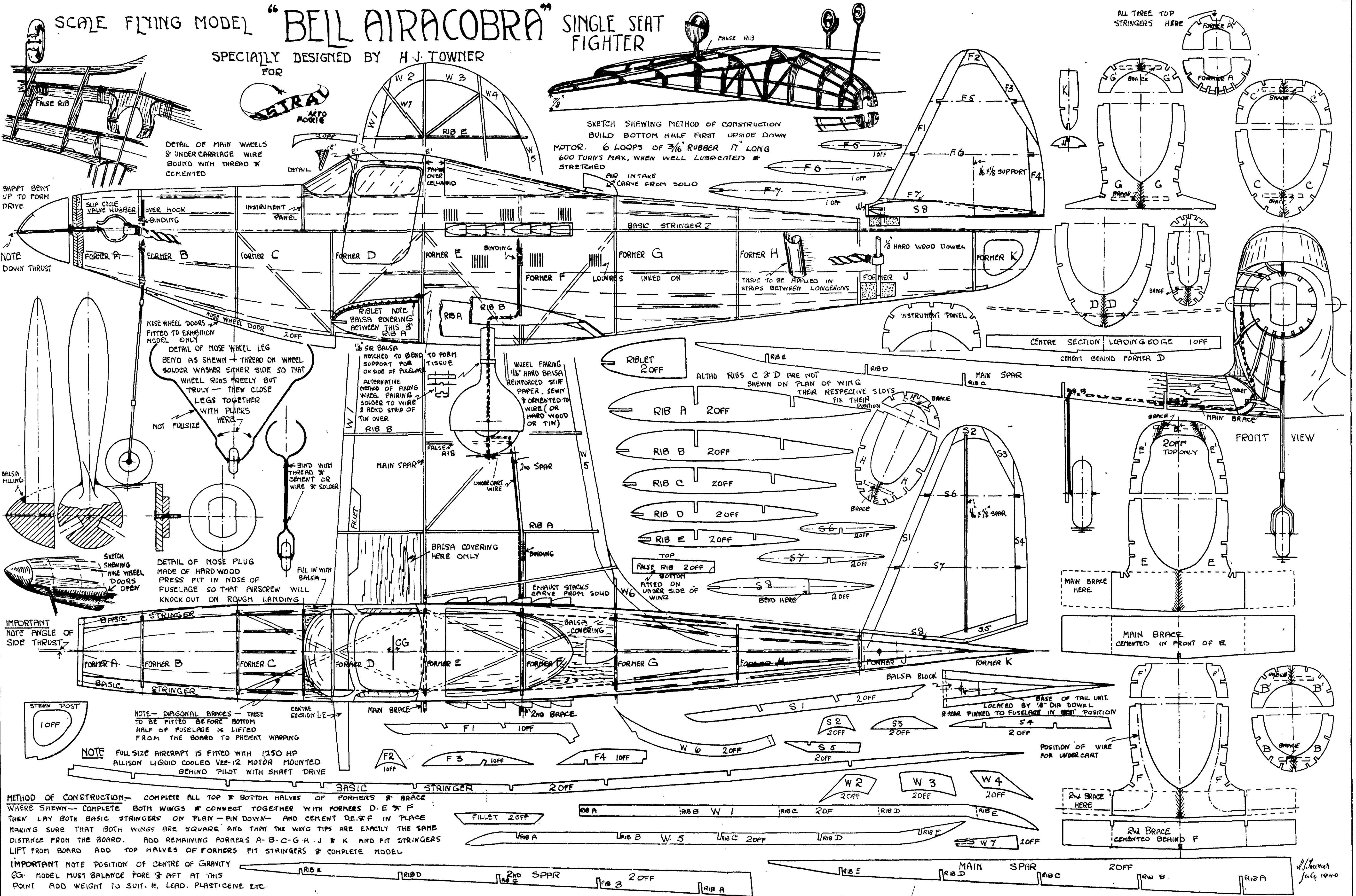


SCALE FLYING MODEL "BELL AIRACOBRA" SINGLE SEAT FIGHTER

SPECIALY DESIGNED BY H.J. TOWNER FOR



DETAIL OF MAIN WHEELS & UNDER CARRIAGE WIRE BOUND WITH THREAD & CEMENTED

SKETCH SHOWING METHOD OF CONSTRUCTION BUILD BOTTOM HALF FIRST UPSIDE DOWN MOTOR. 6 LOOPS OF 3/16" RUBBER 17" LONG 600 TURNS MAX. WHEN WELL LUBRICATED & STRETCHED

SHAFT BENT UP TO FORM DRIVE
NOTE DOWN THRUST

DETAIL OF NOSE WHEEL LEG BEND AS SHOWN - THREAD ON WHEEL SOLDER WASHER EITHER SIDE SO THAT WHEEL RUNS FREELY BUT TRULY - THEY CLOSE LEGS TOGETHER WITH PLIERS HERE NOT FULL SIZE

DETAIL OF NOSE PLUG MADE OF HARD WOOD PRESS FIT IN NOSE OF FUSELAGE SO THAT AIRSCREW WILL KNOCK OUT ON ROUGH LANDING

NOTE - DIAGONAL BRACES - THESE TO BE FITTED BEFORE BOTTOM HALF OF FUSELAGE IS LIFTED FROM THE BOARD TO PREVENT WARPING

NOTE FULL SIZE AIRCRAFT IS FITTED WITH 1250 HP ALLISON LIQUID COOLED VEE-12 MOTOR MOUNTED BEHIND PILOT WITH SHAFT DRIVE

METHOD OF CONSTRUCTION - COMPLETE ALL TOP & BOTTOM HALVES OF FORMERS & BRACE WHERE SHOWN - COMPLETE BOTH WINGS & CONNECT TOGETHER WITH FORMERS D, E & F THEN LAY BOTH BASIC STRINGERS ON PLAN - PIN DOWN - AND CEMENT DE. & F IN PLACE MAKING SURE THAT BOTH WINGS ARE SQUARE AND THAT THE WING TIPS ARE EXACTLY THE SAME DISTANCE FROM THE BOARD. ADD REMAINING FORMERS A, B, C, G, H, J & K AND FIT STRINGERS LIFT FROM BOARD ADD TOP HALVES OF FORMERS FIT STRINGERS & COMPLETE MODEL

IMPORTANT NOTE POSITION OF CENTRE OF GRAVITY GG. MODEL MUST BALANCE FORE & AFT AT THIS POINT ADD WEIGHT TO SUIT, I.E. LEAD, PLASTICENE ETC.

H. J. Towner July 1940