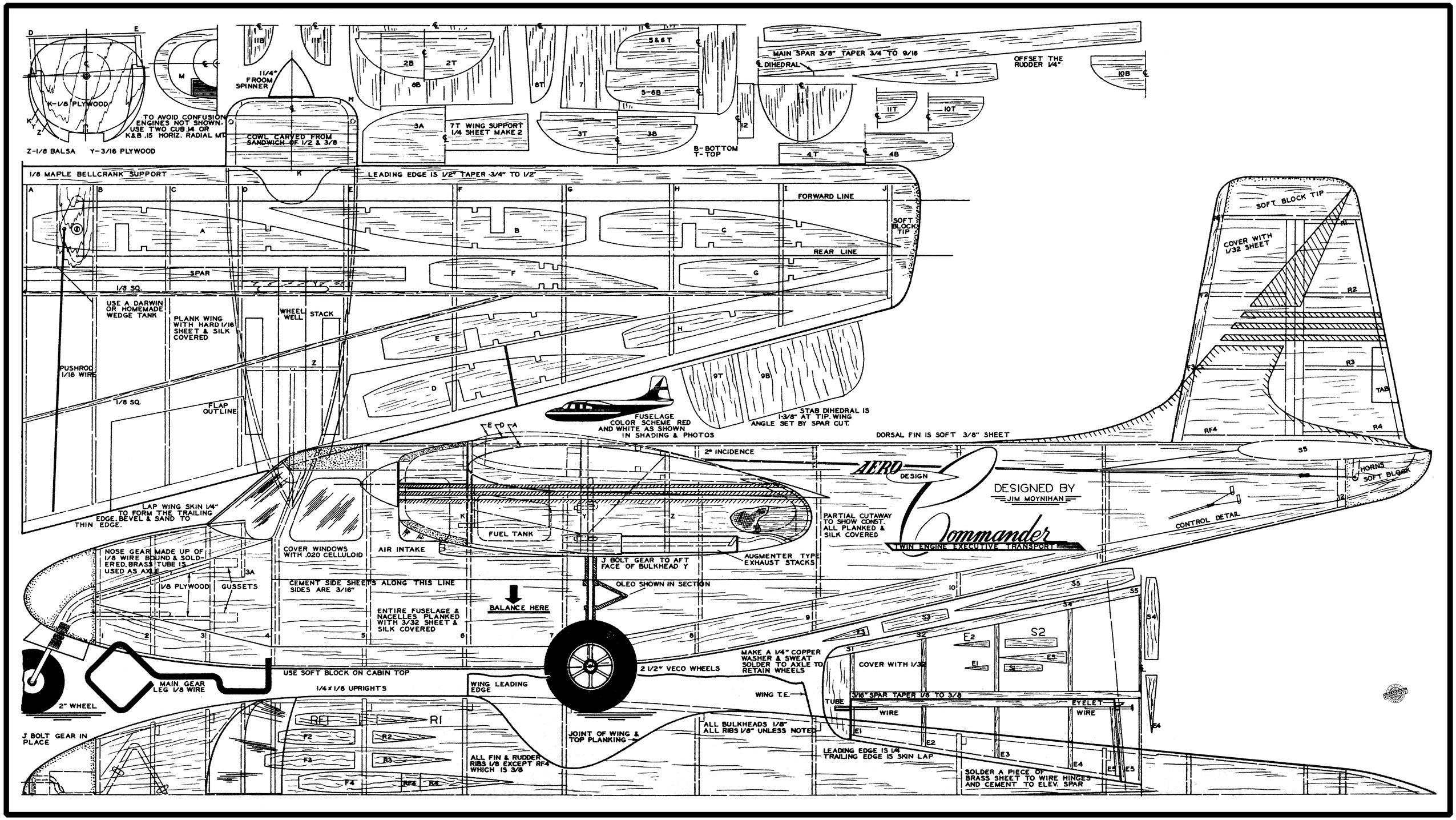
K-1/8 PLYWOOD
Z-1/8 BALSA
Y-3/16 PLYWOOD
TO AVOID CONFUSION ENGINES NOT SHOWN. USE TWO CUB .14 OR K&B .15 HORIZ. RADIAL MT.
11/4" FROOM SPINNER
COWL CARVED FROM SANDWICH OF 1/2 & 3/8
7T WING SUPPORT 1/4 SHEET MAKE 2
B-BOTTOM T-TOP
MAIN SPAR 3/8" TAPER 3/4 TO 9/16
DIHEDRAL
OFFSET THE RUDDER 1/4"
1/8 MAPLE BELLCRANK SUPPORT
LEADING EDGE IS 1/2" TAPER 3/4" TO 1/2"
FORWARD LINE
REAR LINE
SOFT BLOCK TIP
SPAR
1/8 SQ.
USE A DARWIN OR HOMEMADE WEDGE TANK
PLANK WING WITH HARD 1/16 SHEET & SILK COVERED
WHEEL WELL
STACK
PUSHROD 1/16 WIRE
FLAP OUTLINE
FUSELAGE COLOR SCHEME RED AND WHITE AS SHOWN IN SHADING & PHOTOS
STAB DIHEDRAL IS 1-3/8" AT TIP. WING ANGLE SET BY SPAR CUT.
DORSAL FIN IS SOFT 3/8" SHEET
COVER WITH 1/32 SHEET
TAB
2° INCIDENCE
AERO DESIGN
DESIGNED BY JIM MOYNIHAN
Commander
TWIN ENGINE EXECUTIVE TRANSPORT
HORNS
SOFT BLOCK
CONTROL DETAIL
LAP WING SKIN 1/4" TO FORM THE TRAILING EDGE. BEVEL & SAND TO THIN EDGE.
FUEL TANK
PARTIAL CUTAWAY TO SHOW CONST. ALL PLANKED & SILK COVERED
NOSE GEAR MADE UP OF 1/8 WIRE BOUND & SOLDERED. BRASS TUBE IS USED AS AXLE
1/8 PLYWOOD
GUSSETS
COVER WINDOWS WITH .020 CELLULOID
AIR INTAKE
J BOLT GEAR TO AFT FACE OF BULKHEAD Y
AUGMENTER TYPE EXHAUST STACKS
CEMENT SIDE SHEETS ALONG THIS LINE SIDES ARE 3/16"
OLEO SHOWN IN SECTION
BALANCE HERE
ENTIRE FUSELAGE & NACELLES PLANKED WITH 3/32 SHEET & SILK COVERED
MAKE A 1/4" COPPER WASHER & SWEAT SOLDER TO AXLE TO RETAIN WHEELS
2 1/2" VECO WHEELS
USE SOFT BLOCK ON CABIN TOP
1/4 x 1/8 UPRIGHTS
WING LEADING EDGE
WING T.E.
MAIN GEAR LEG 1/8 WIRE
2" WHEEL
J BOLT GEAR IN PLACE
3/16" SPAR TAPER 1/8 TO 3/8
TUBE
WIRE
EYELET
ALL BULKHEADS 1/8" ALL RIBS 1/8" UNLESS NOTED
JOINT OF WING & TOP PLANKING
ALL FIN & RUDDER RIBS 1/8 EXCEPT RF4 WHICH IS 3/8
LEADING EDGE IS 1/4 TRAILING EDGE IS SKIN LAP
SOLDER A PIECE OF BRASS SHEET TO WIRE HINGES AND CEMENT TO ELEV. SPAR