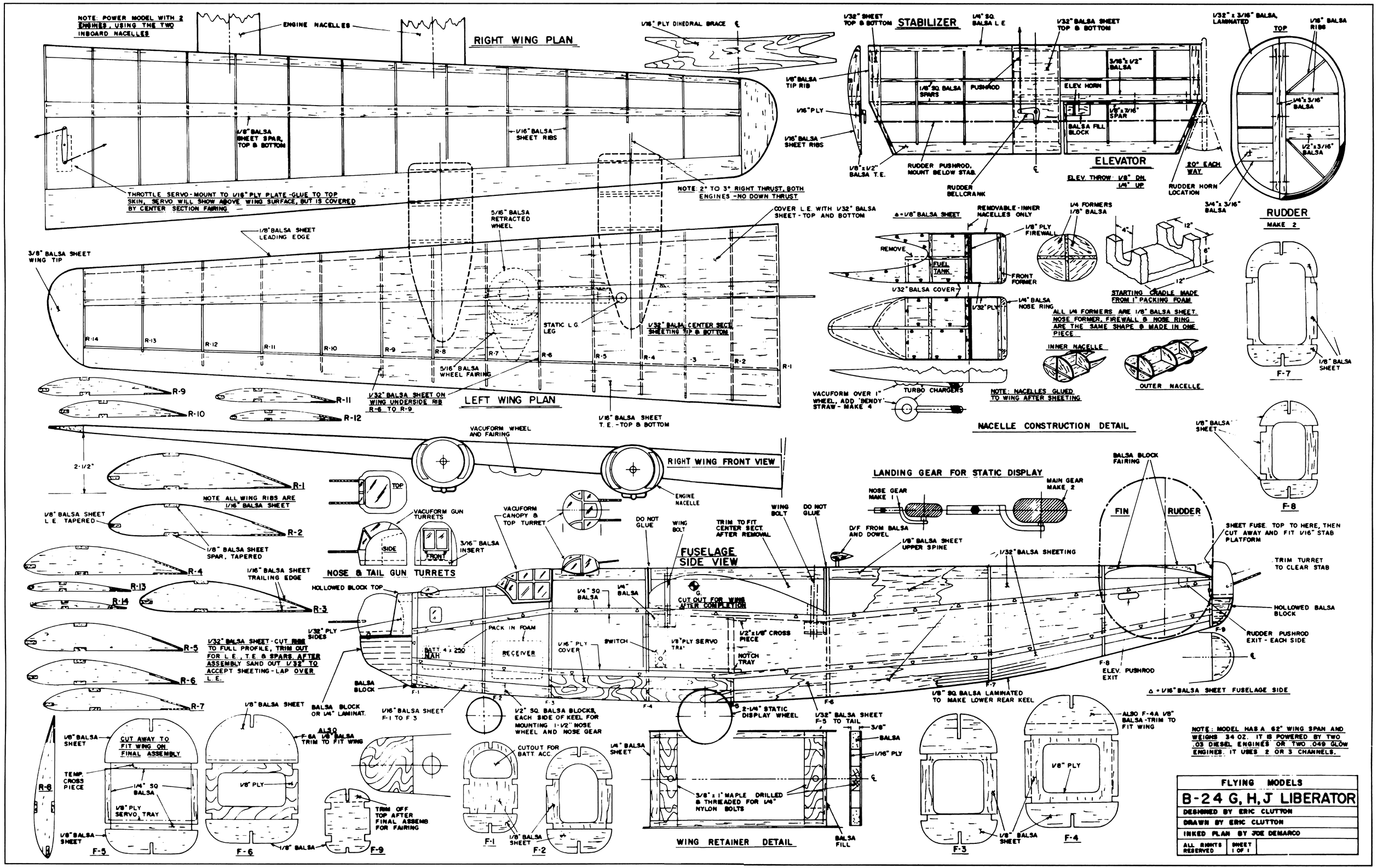
NOTE: POWER MODEL WITH 2 ENGINES, USING THE TWO INBOARD NACELLES
ENGINE NACELLES
RIGHT WING PLAN
1/16" PLY DIHEDRAL BRACE
1/8" BALSA SHEET SPAR, TOP & BOTTOM
1/16" BALSA SHEET RIBS
THROTTLE SERVO - MOUNT TO 1/16" PLY PLATE - GLUE TO TOP SKIN. SERVO WILL SHOW ABOVE WING SURFACE, BUT IS COVERED BY CENTER SECTION FAIRING.
NOTE: 2° TO 3° RIGHT THRUST, BOTH ENGINES - NO DOWN THRUST
1/32" SHEET TOP & BOTTOM
STABILIZER
1/4" SQ. BALSA L.E.
1/32" BALSA SHEET TOP & BOTTOM
1/8" BALSA TIP RIB
1/8" SQ. BALSA SPARS
PUSHROD
ELEV. HORN
3/16" x 1/2" BALSA
1/16" PLY
1/16" BALSA SHEET RIBS
1/8" x 7/16" SPAR
BALSA FILL BLOCK
1/8" x 1/2" BALSA T.E.
RUDDER PUSHROD, MOUNT BELOW STAB.
RUDDER BELLCRANK
ELEVATOR
ELEV. THROW: 1/8" DN. 1/4" UP
20° EACH WAY
RUDDER HORN LOCATION
1/32" x 3/16" BALSA, LAMINATED
TOP
1/16" BALSA RIBS
1/4" x 3/16" BALSA
1/2" x 3/16" BALSA
3/4" x 3/16" BALSA
RUDDER
MAKE 2
1/8" BALSA SHEET LEADING EDGE
3/8" BALSA SHEET WING TIP
5/16" BALSA RETRACTED WHEEL
COVER L.E. WITH 1/32" BALSA SHEET - TOP AND BOTTOM
STATIC L.G. LEG
1/32" BALSA CENTER SECT. SHEETING TOP & BOTTOM
5/16" BALSA WHEEL FAIRING
1/32" BALSA SHEET ON WING UNDERSIDE RIB R-6 TO R-9
LEFT WING PLAN
1/16" BALSA SHEET T.E. - TOP & BOTTOM
R-1 R-2 R-3 R-4 R-5 R-6 R-7 R-8 R-9 R-10 R-11 R-12 R-13 R-14
2-1/2"
NOTE ALL WING RIBS ARE 1/16" BALSA SHEET
1/8" BALSA SHEET L.E. TAPERED
1/8" BALSA SHEET SPAR, TAPERED
1/16" BALSA SHEET TRAILING EDGE
VACUFORM WHEEL AND FAIRING
RIGHT WING FRONT VIEW
ENGINE NACELLE
TOP
SIDE
FRONT
VACUFORM GUN TURRETS
3/16" BALSA INSERT
NOSE & TAIL GUN TURRETS
VACUFORM CANOPY & TOP TURRET
DO NOT GLUE
WING BOLT
FUSELAGE SIDE VIEW
HOLLOWED BLOCK TOP
1/32" PLY SIDES
1/32" BALSA SHEET - CUT RIBS TO FULL PROFILE, TRIM OUT FOR L.E., T.E. & SPARS. AFTER ASSEMBLY SAND OUT 1/32" TO ACCEPT SHEETING - LAP OVER L.E.
1/4" SQ. BALSA
1/4" BALSA
G. CUT OUT FOR WING AFTER COMPLETION
PACK IN FOAM
BATT. 4 x 250 MAH
RECEIVER
1/16" PLY COVER
SWITCH
1/8" PLY SERVO TRAY
1/2" x 1/8" CROSS PIECE
NOTCH TRAY
BALSA BLOCK
BALSA BLOCK OR 1/4" LAMINAT.
1/16" BALSA SHEET F-1 TO F-3
1/2" SQ. BALSA BLOCKS, EACH SIDE OF KEEL FOR MOUNTING 1-1/2" NOSE WHEEL AND NOSE GEAR
2-1/4" STATIC DISPLAY WHEEL
1/32" BALSA SHEET F-5 TO TAIL
3/8" BALSA
1/16" PLY
1/8" SQ. BALSA LAMINATED TO MAKE LOWER REAR KEEL
F-1 F-2 F-3 F-4 F-5 F-6 F-7 F-8 F-9
TRIM TO FIT CENTER SECT. AFTER REMOVAL
D/F FROM BALSA AND DOWEL
1/8" BALSA SHEET UPPER SPINE
1/32" BALSA SHEETING
LANDING GEAR FOR STATIC DISPLAY
NOSE GEAR MAKE 1
MAIN GEAR MAKE 2
BALSA BLOCK FAIRING
FIN
RUDDER
SHEET FUSE. TOP TO HERE, THEN CUT AWAY AND FIT 1/16" STAB PLATFORM
TRIM TURRET TO CLEAR STAB
HOLLOWED BALSA BLOCK
RUDDER PUSHROD EXIT - EACH SIDE
F-8 ELEV. PUSHROD EXIT
△ = 1/16" BALSA SHEET FUSELAGE SIDE
△ = 1/8" BALSA SHEET
REMOVABLE - INNER NACELLES ONLY
REMOVE
FUEL TANK
FRONT FORMER
1/8" PLY FIREWALL
1/4 FORMERS 1/8" BALSA
1/32" BALSA COVER
1/32" PLY
1/4" BALSA NOSE RING
VACUFORM OVER 1" WHEEL. ADD 'BENDY' STRAW - MAKE 4
TURBO CHARGERS
NOTE: NACELLES GLUED TO WING AFTER SHEETING
STARTING CRADLE MADE FROM 1" PACKING FOAM
ALL 1/4 FORMERS ARE 1/8" BALSA SHEET. NOSE FORMER, FIREWALL & NOSE RING ARE THE SAME SHAPE & MADE IN ONE PIECE
INNER NACELLE
OUTER NACELLE
NACELLE CONSTRUCTION DETAIL
1/8" BALSA SHEET
F-7
F-8
R-8
1/8" BALSA SHEET
CUT AWAY TO FIT WING ON FINAL ASSEMBLY
TEMP. CROSS PIECE
1/4" SQ. BALSA
1/8" PLY SERVO TRAY
1/8" BALSA SHEET
F-5
1/8" PLY
ALSO F-6A 1/8" BALSA TRIM TO FIT WING
F-6
TRIM OFF TOP AFTER FINAL ASSEMB. FOR FAIRING
1/8" BALSA
F-9
CUTOUT FOR BATT. ACC.
F-1
1/8" BALSA SHEET
F-2
1/4" BALSA SHEET
3/8" x 1" MAPLE DRILLED & THREADED FOR 1/4" NYLON BOLTS
BALSA FILL
WING RETAINER DETAIL
ALSO F-4A 1/8" BALSA - TRIM TO FIT WING
1/8" PLY
1/8" BALSA SHEET
F-3
F-4
NOTE: MODEL HAS A 62" WING SPAN AND WEIGHS 34 OZ. IT IS POWERED BY TWO .03 DIESEL ENGINES OR TWO .049 GLOW ENGINES. IT USES 2 OR 3 CHANNELS.
FLYING MODELS
B-24 G, H, J LIBERATOR
DESIGNED BY ERIC CLUTTON
DRAWN BY ERIC CLUTTON
INKED PLAN BY JOE DEMARCO
ALL RIGHTS RESERVED
SHEET 1 OF 1