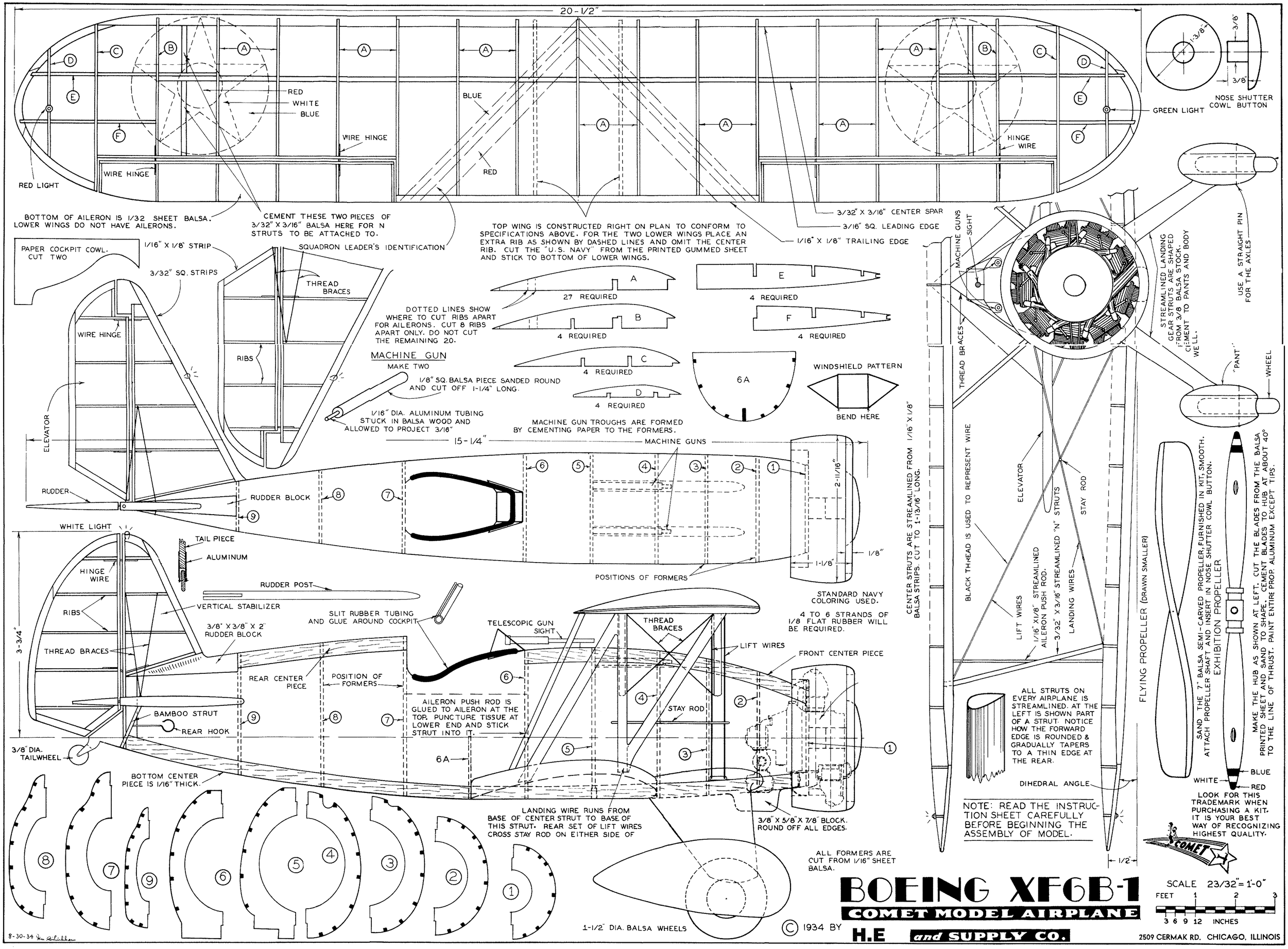
20-1/2"
RED
WHITE
BLUE
BLUE
RED
WIRE HINGE
WIRE HINGE
HINGE WIRE
RED LIGHT
GREEN LIGHT
NOSE SHUTTER COWL BUTTON
1-3/8"
3/8"
3/8"
BOTTOM OF AILERON IS 1/32 SHEET BALSA. LOWER WINGS DO NOT HAVE AILERONS.
CEMENT THESE TWO PIECES OF 3/32" X 3/16" BALSA HERE FOR N STRUTS TO BE ATTACHED TO.
SQUADRON LEADER'S IDENTIFICATION
TOP WING IS CONSTRUCTED RIGHT ON PLAN TO CONFORM TO SPECIFICATIONS ABOVE. FOR THE TWO LOWER WINGS PLACE AN EXTRA RIB AS SHOWN BY DASHED LINES AND OMIT THE CENTER RIB. CUT THE "U.S. NAVY" FROM THE PRINTED GUMMED SHEET AND STICK TO BOTTOM OF LOWER WINGS.
3/32" X 3/16" CENTER SPAR
3/16" SQ. LEADING EDGE
1/16" X 1/8" TRAILING EDGE
PAPER COCKPIT COWL. CUT TWO
1/16" X 1/8" STRIP
3/32" SQ. STRIPS
THREAD BRACES
WIRE HINGE
RIBS
ELEVATOR
RUDDER
RUDDER BLOCK
WHITE LIGHT
TAIL PIECE
ALUMINUM
HINGE WIRE
RUDDER POST
VERTICAL STABILIZER
RIBS
3/8" X 3/8" X 2" RUDDER BLOCK
THREAD BRACES
3-3/4"
BAMBOO STRUT
REAR HOOK
3/8" DIA. TAILWHEEL
BOTTOM CENTER PIECE IS 1/16" THICK.
DOTTED LINES SHOW WHERE TO CUT RIBS APART FOR AILERONS. CUT 8 RIBS APART ONLY. DO NOT CUT THE REMAINING 20.
A
27 REQUIRED
B
4 REQUIRED
C
4 REQUIRED
D
4 REQUIRED
E
4 REQUIRED
F
4 REQUIRED
6A
MACHINE GUN
MAKE TWO
1/8" SQ. BALSA PIECE SANDED ROUND AND CUT OFF 1-1/4" LONG.
1/16" DIA. ALUMINUM TUBING STUCK IN BALSA WOOD AND ALLOWED TO PROJECT 3/16"
MACHINE GUN TROUGHS ARE FORMED BY CEMENTING PAPER TO THE FORMERS.
WINDSHIELD PATTERN
BEND HERE
15-1/4"
MACHINE GUNS
2-11/16"
1/8"
1-1/8"
POSITIONS OF FORMERS
STANDARD NAVY COLORING USED.
4 TO 6 STRANDS OF 1/8 FLAT RUBBER WILL BE REQUIRED.
SLIT RUBBER TUBING AND GLUE AROUND COCKPIT
TELESCOPIC GUN SIGHT
THREAD BRACES
LIFT WIRES
FRONT CENTER PIECE
REAR CENTER PIECE
POSITION OF FORMERS
AILERON PUSH ROD IS GLUED TO AILERON AT THE TOP. PUNCTURE TISSUE AT LOWER END AND STICK STRUT INTO IT.
STAY ROD
6A
LANDING WIRE RUNS FROM BASE OF CENTER STRUT TO BASE OF THIS STRUT. REAR SET OF LIFT WIRES CROSS STAY ROD ON EITHER SIDE OF
3/8" X 5/8" X 7/8" BLOCK. ROUND OFF ALL EDGES.
ALL FORMERS ARE CUT FROM 1/16" SHEET BALSA.
1-1/2" DIA. BALSA WHEELS
MACHINE GUNS
SIGHT
THREAD BRACES
CENTER STRUTS ARE STREAMLINED FROM 1/16" X 1/8" BALSA STRIPS. CUT TO 1-13/16" LONG.
BLACK THREAD IS USED TO REPRESENT WIRE
ELEVATOR
STAY ROD
LIFT WIRES
1/16" X 1/8" STREAMLINED AILERON PUSH ROD.
3/32" X 3/16" STREAMLINED "N" STRUTS
LANDING WIRES
STREAMLINED LANDING GEAR STRUTS ARE SHAPED FROM 3/8 BALSA STOCK. CEMENT TO PANTS AND BODY WELL.
USE A STRAIGHT PIN FOR THE AXLES
"PANT"
WHEEL
ALL STRUTS ON EVERY AIRPLANE IS STREAMLINED. AT THE LEFT IS SHOWN PART OF A STRUT. NOTICE HOW THE FORWARD EDGE IS ROUNDED & GRADUALLY TAPERS TO A THIN EDGE AT THE REAR.
DIHEDRAL ANGLE
1/2"
FLYING PROPELLER (DRAWN SMALLER)
SAND THE 7" BALSA SEMI-CARVED PROPELLER, FURNISHED IN KIT, SMOOTH. ATTACH PROPELLER SHAFT AND INSERT IN NOSE SHUTTER COWL BUTTON.
EXHIBITION PROPELLER
MAKE THE HUB AS SHOWN AT LEFT. CUT THE BLADES FROM THE BALSA PRINTED SHEET AND SAND TO SHAPE. CEMENT BLADES TO HUB AT ABOUT 40° TO THE LINE OF THRUST. PAINT ENTIRE PROP. ALUMINUM EXCEPT TIPS.
BLUE
WHITE
RED
LOOK FOR THIS TRADEMARK WHEN PURCHASING A KIT. IT IS YOUR BEST WAY OF RECOGNIZING HIGHEST QUALITY.
COMET
NOTE: READ THE INSTRUCTION SHEET CAREFULLY BEFORE BEGINNING THE ASSEMBLY OF MODEL.
SCALE 23/32" = 1'-0"
FEET 1 2 3
3 6 9 12 INCHES
BOEING XF6B-1
COMET MODEL AIRPLANE
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