

**KING KONG**  
 DESIGNED BY: DICK SARPOLUS  
 DRAWN BY: RAY BORDEN

**SPECIFICATIONS**  
 WING AREA - 1440 SQ. IN.  
 WING SPAN - 12 FT.  
 STAB AREA - 252 SQ. IN.  
 WT. - 7-9 LB.

WEIGHT AS REQUIRED  
 HARD BALSA OR PINE NOSE CONE

WEIGHT AS REQUIRED

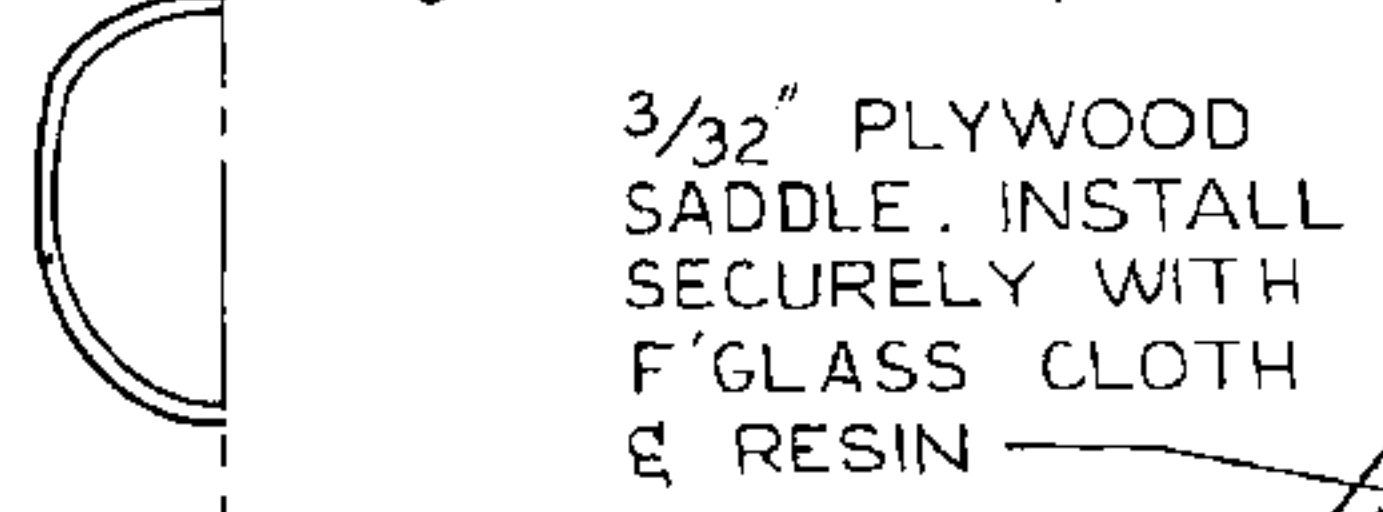
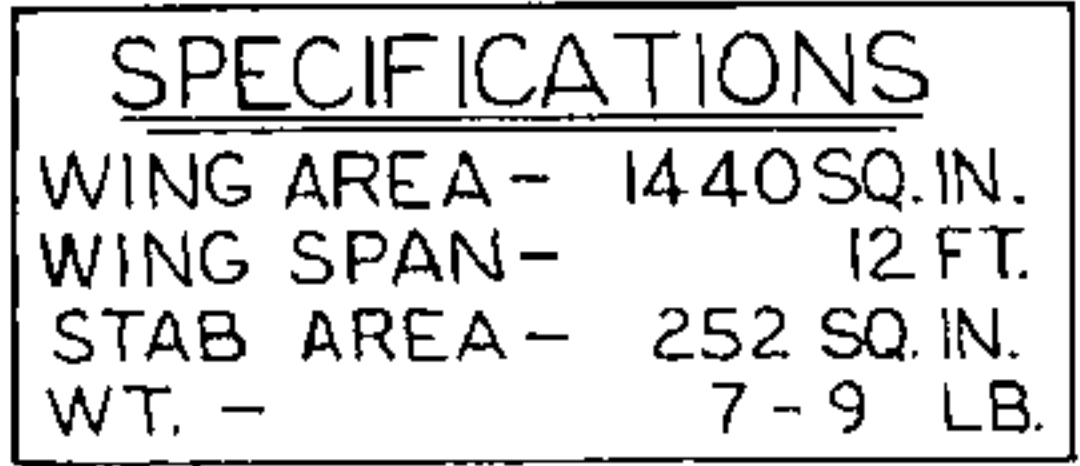
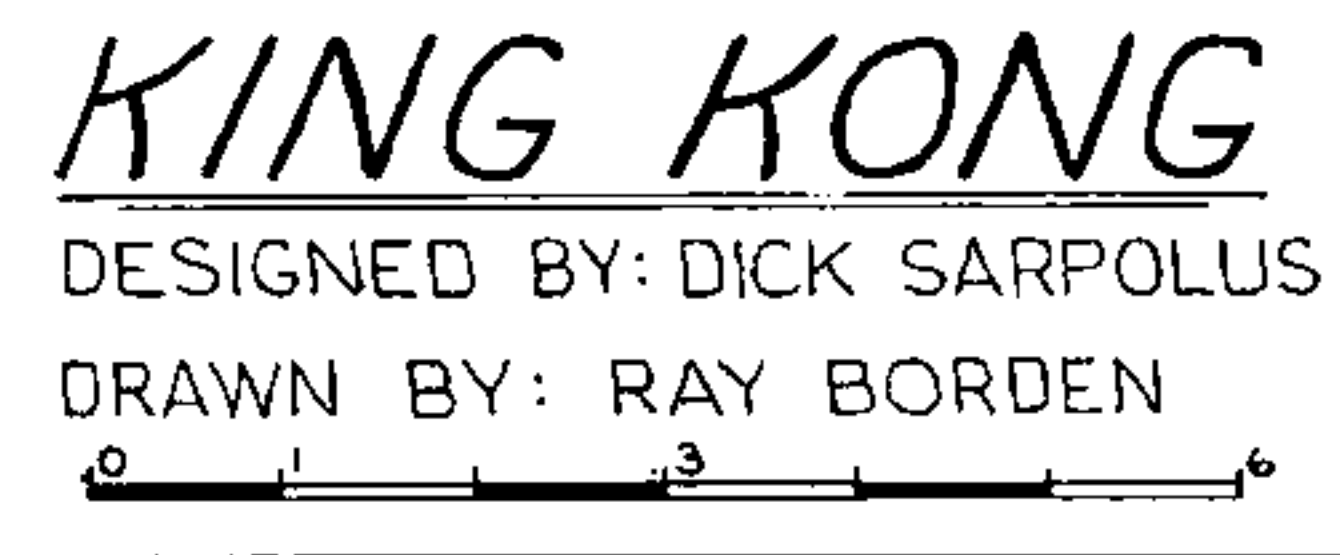
COVER BOTTOM NOSE SECTION WITH F'GLASS OR CELASTIC

PLYWOOD TOWHOOK MOUNT EPOXY IN PLACE

TOW HOOK FILED OF ALUMINUM

ALTERNATE WOODEN FUSELAGE

MOLDED FIBERGLASS FUSELAGE



NYLON HORN BOTH SIDES

ELEVATOR PUSHROD EXIT SLOTS, BOTH SIDES

5/32" MUSIC WIRE 3 REQ.

BALSAs HATCH

BATTERIES RECEIVER SERVOS

BALSAs HATCH



LOCATION OF TUBE SOCKETS FOR PLUG IN TIP PANEL

WING FOAM CORE TEMPLATES 3/32" PLYWOOD

ALL WING PANELS FOAM CORE COVERED WITH 1/16" BALSAs SHEET

1/4" ID X 4 1/8" TUBE 8 REQ. INSET IN SPARS & WRAP WITH F'GLASS

36"

8"

5/8" TRIANGULAR BALSAs WING REST

3/32" PLYWOOD BULKHEAD

1/4" PLYWOOD

1 OR 2 OZ TANK

.19-.35 ENGINE

ELEVATOR, SHAPE OF 1/4" SHEET BALSAs

TIPS OF 1/4" BALSAs

STAB. FOAM CORE TEMPLATES (3/32" PLYWOOD)

12"

DIHEDRAL BRACES (SEE DETAIL)

36"

8"

FOAM CORE, COVER WITH 1/16" SHEET BALSAs

WING TIP PLATES 3/32" PLYWOOD

8 3/8"

18"

WING LAYOUT 1/3 SIZE

36"

8"

ELEVATOR PUSHROD EXIT SLOTS, BOTH SIDES

BALSAs BLOCK

1/4" DOWEL

3/32" PLYWOOD SADDLE

3/32" PLYWOOD

36"

8"

5/32" MUSIC WIRE TO HERE

1/16" PLYWOOD DOUBLER TO HERE

1/4" X 1/2" BALSAs EDGES

1/4" SQ BALSAs

1/16" BALSAs COVERED

1/8" BALSAs TOP & BOTTOM

3/32" PLYWOOD SADDLE. INSTALL SECURELY WITH F'GLASS CLOTH & RESIN

ELEVATOR PUSHROD EXIT SLOTS, BOTH SIDES

1/4" DOWEL

NYLON HORN BOTH SIDES

3/32" PLYWOOD DOUBLER TO HERE

5/8" TRIANGULAR BALSAs WING REST

1/2" WIDE F'GLASS & EPOXY ON TRAILING EDGE, INTERNALLY FULL LENGTH

6" WIDE F'GLASS & EPOXY TOP & BOTTOM

FRONT SPAR BRACE

REAR SPAR BRACE OUTLINE

CENTER DIHEDRAL BRACE

PLUG-IN TIP JOINER 4 REQ BEND AS SHOWN OF 1/4" DIA ALUM. ROD

WING LAYOUT 1/3 SIZE

STABILIZER LAYOUT 1/3 SIZE

DIHEDRAL 3" UNDER EACH TIP

SHAPE LEADING & TRAILING EDGES OF 1/4" X 3/8" BALSAs

SPAR LOCATION

WING FOAM CORE TEMPLATES 3/32" PLYWOOD

1/4" X FULL DEPTH SPRUCE SPARS

1/16" PLYWOOD, CUT TO FIT OVER WING CENTER SECTION

F'GLASS & EPOXY

ENGINE POD

1 OR 2 OZ TANK

1/4" PLYWOOD

RUDDER 1/4" SHEET BALSAs

TYPICAL CROSS SECTION

3/32" PLYWOOD BULKHEAD

3/32" PLYWOOD DOUBLER TO HERE

5/32" MUSIC WIRE

1/16" PLYWOOD DOUBLER TO HERE

1/4" X 1/2" BALSAs EDGES

1/4" SQ BALSAs

1/16" BALSAs COVERED

FRONT SPAR BRACE

REAR SPAR BRACE OUTLINE

CENTER DIHEDRAL BRACE

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