KELLY

SKELLY

21 RIBS THUS 1/32" BALSA

14 RIBS THUS 1/32" BALSA

1/16" × 1/16" BAMBOO STRIP BENT OVER HOT IRON

SAW RIB SLOTS IN TRAILING EDGE 1/16" DEEP

TRAILING EDGE 1/8" × 3/8" BALSA

WRAP WITH THREAD BEFORE CEMENTING

1/8" × 3/8" BALSA SPAR

1/8" × 3/16" BALSA

NOTCH RIBS

SEE DETAIL WING CLIPS

LEADING EDGE 1/16" × 1/8" BALSA

18 7/8"

SYMMETRICAL ABOUT ℄

37 3/4" WING SPAN

5 1/8" CHORD

PLAN VIEW WING STRUCTURE

ALLOW TO DRY THOROUGHLY AFTER CEMENTING ALL JOINTS. COVER BOTH SIDES WITH BLUE HAKONE. GIVE ONE COAT C.C. DOPE.

WARP THIS TRAILING EDGE ONLY, DOWN ABOUT 1/2" TO CORRECT FOR MOTOR TORQUE

SAW SLOTS

1/8" D. SPAR HOLES

FULL SIZE STABILIZER RIBS

TWO EACH REQ'D USE 1/16" BALSA

REAR

FRONT

FULL SIZE COWL TEMPLATE

BEND WIRE BACK 1"

1/8" RUBBER TUBING

TIE SECURELY

FULL SIZE WING CLIP

TWO REQ'D #20 MUSIC WIRE

RUBBER 7/32" LONG

#19 MUSIC WIRE

SMALL RUBBER BAND

#19 MUSIC WIRE

TOP SIDE

FULL SIZE DETAIL

1/16" × 1/4" BALSA

CEMENT EYELETS TO BALSA

FULL SIZE EXHAUST STACK

MAKE TWO - CEMENT IN SIDES FUSELAGE AS SHOWN

1/16" × 1/16" BAMBOO

WRAP WITH THREAD

1/8" × 1/8" BALSA DOUBLER

1/8" × 1/8" BALSA

SEE DETAIL

CEMENT

#14 MUSIC WIRE

FULL SIZE DETAIL

1/8" RUBBER TUBING

BEND EYE AND CEMENT IN PLACE

FULL SIZE THRUST BEARING

DRILL 1/32" D

CEMENT EYELETS IN PLACE

FOAM LOOP AND TWIST

5 1/8" FLAT RUBBER

TIE END TO AXLE

7 3/4"

3 1/4" CELLULOID WHEELS

USE #20 MUSIC WIRE FOR STRUTS

COVER FUSELAGE SIDES WITH MINO TISSUE

1/16" D. DOWEL 1" LONG

1/16" D. DOWEL 1" LONG

1/16" 4 REQ'D TRIM

FULL SIZE DETAIL

1/32" BALSA ON TOP

CELLULOID COWL

CARVE FROM 1/8" × 1" × 3" BALSA

COVER SIDES THIS PANEL WITH 1/32" BALSA

SAW SLOTS

EXHAUST STACK

RUBBER MOTOR - 10 LOOPS 1/8" LUBRICATED CONTEST RUBBER

1/8" × 1/4" HARD BALSA

1/8" × 1/4" BALSA SLOTTED FOR STRUT FAIRING

1/32" BALSA BOTTOM

CONSTRUCT FRAMEWORK OF 1/8" × 1/8" BALSA EXCEPT AS NOTED

1/8" ALUM. TUBING - FILL WITH BIRCH DOWEL

CEMENT 1/4" CELLULOID EACH SIDE FOR FAIRING

LOOP REAR STRUT AROUND AXLE AND GLUE

CEMENT WASHER TO WHEEL FOR WEIGHT

CARVE FROM 1/4" × 1" BALSA

1/8" BIRCH DOWEL DRILL FOR AXLE

FULL SIZE AXLE DETAIL

1/16" × 1/16" BAMBOO

SKELLY INSIGNIA EACH SIDE

1/8" × 1/8" BALSA ROUND

1/4" × 1/4" BALSA DRILL 1/8" D

#19 MUSIC WIRE

COVER BOTH SIDES TAIL SURFACES WITH BLUE HAKONE - GIVE ONE COAT C.C. DOPE

1/8" RUBBER TUBING

#20 MUSIC WIRE - CLOSE EYE AFTER INSERTING RUBBER LOOPS.

FULL SIZE REAR HOOK

SAW SLOTS

1/8" A SPAR HOLES

FULL SIZE RUDDER RIBS

JIMMIE ALLEN BLUEBIRD

DESIGNED BY "SPEED" ROBERTSON for the SKELLY OIL CO..

Half Size Except As Noted

MATERIALS USED IN BUILDING THIS PLANE MAY BE PURCHASED FROM ANY SKELLY DEALER. OR A KIT WITH COMPLETE MATERIALS MAY BE OBTAINED FOR ACTUAL COST OF MATERIALS - $1.85, POSTPAID FROM COUNTRY CLUB AERO SUPPLY CO

SKELLY