WRAP WITH GLASSED EPOXY

INFILL

LEADING EDGE, 3/8" x 3/4" TAPERS TO 1/4" x 3/8" AT WING TIP

CUT AILERONS OUT OF COMPLETED WING PANEL

1" BLOCK WING TIP

3" DIHEDRAL EACH TIP

R-1 R-1 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 R-15 R-16

CUT OUT FOR AIL. SERVO

1/16" M.W. AIL. PUSHROD

3/32" x 1/8" SPRUCE

3/32" PLY MNT.

SIG SH 231 HORN

1/8" x 1/2" SPRUCE SPAR, TOP & BOTTOM

3/32" VERT. GRAIN WEBS

3/32" SCRAP

PINNED HINGES

1/4" SPARS

HINGE LOC.

WING PLAN RIGHT SIDE

SET RIB R-2 WITH THIS JIG

GUSSET

NOTCH T.E.

SCRAP HINGE REINFORCEMENT

SIG SH 221 HORN

1/16" SHEET BALSA TOP & BOTTOM

5/16" x 1-1/4" AILERON STOCK, CUT FACE TO 1" WIDTH AT TIP

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 R-15 R-16

ALL RIBS 3/32" C-GRAIN BALSA

1/4" TIP

3/16" SHEET

ELEVATOR

1/4" x 1/2" SPAR

1/4" x 3/8" BALSA

3/32" x 1/4"

MED. HORN

1/4" SHEET

HINGE LOC.

STABILIZER

PINNED HINGES

1/4" BALSA TIP

3/32" FLOOR

SERVOS AND TRAY ON 3/8" SQ. HARDWOOD RAILS

SLOT FOR TILLER

3/16" INFILL ON TOP

FUSELAGE TOP VIEW

SCRAP PLY FOR COWL HOLD DOWNS

1/4" DOWELS FOR WING HOLD DOWNS

3/16" BALSA

3/16" BALSA

3/16" x 3/8"

FIN

RUD.

HINGE LOC.

3/32" x 3/16"

EPOXY

3/16" SHEET

1/8" BALSA SHEET

1/16" PLY

WILLIAMS BROS 2-5/8" PILOT

SIG CK-223 CANOPY

3/16" BALSA SHEET

1/8" x 3/16" SPRUCE STRINGERS

COWL IS AVAILABLE FROM FIBERGLASS MASTER P.O. BOX 134 BAYSHORE, N.Y.

3/32" PLANKING

4 TO 6 OZ. FUEL TANK, TO SUIT

RECEIVER

BATTERY

3/16" SQ. SPRUCE

FUSELAGE SIDE VIEW

3/32" x 3/16"

SIG SH-594 AIL. BRACK.

1/16" MUSIC WIRE

SIG SH-132 TAIL WHEEL BRACKET

DUMMY CYLINDERS (SCRAP BAL)

.19 TO .25 ENGINE USE NYLON MOTOR MOUNT (KRAFT OR BRIDI)

3/16" NYROD EXIT

SIG SH-541 TAIL WHEEL

1/8" LITE PLY

1/8" LITE PLY

3/16" PLY

SIG RP-BA-230 ALUM. LANDING GEAR

3/16" PLY (3 PLY LUAN)

1/4" DOWEL

3/16" SQ. BALSA

1/4" PLY

2-3/4" BANNER WHEELS & AXLES

0" 1" 2" 3" 4" 5" 6"

SCRAP BALSA

NOTCH FORMERS FOR STRINGERS WHEN IN PLACE

3/32" SHEET BALSA FORMERS

SILHOUETTE SCALE 2" = 1'
SPAN = 78" LENGTH = 39"
POWER 3cc TO 5cc WT. = 7.5 OZ.

MODEL AIRPLANE NEWS

SCHWEIZER 1-30

DESIGNED & DRAWN BY DOC MATHEWS

TRACING BY JOE DEMARCO

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