



ALL AA AND A RIBS 1/8" HARD BALSAs SHEET - CUT OUT 12 OF A RIBS; 10 OF AA RIBS

BUTT-JOIN TOP AND BOTTOM SHEETING TO TIP HERE

NOTE: JOIN WINGS WITH 1/4" DIA. HARDENED STEEL ROD AVAILABLE FROM - SOUTHWESTERN SAILPLANES, 3635 MT. VERNON, SEBASTOPOL, CALIF. 95472 (\$2.50 POSTPAID)

NOTE: THE SPANWISE BALANCE POINT OF A COMPLETE, FULLY COVERED WING PANEL (LESS ROD) SHOULD FALL WITHIN THIS RIB BAY - THE FURTHER INWARD, THE BETTER.

SECTION RR - 3/8" HARD BALSAs FIBERS 1/4" I.D. FIBERGLASS ARROW SHAFT

LEADING EDGE SHAPING GUIDE OR TEMPLATE (SCRAP PLY)

3/8" X 1/2" LEADING EDGE

RIBS B TO K 1/16" SHEET (C' GRAIN) 2 OF EACH SIZE REQUIRED

TOP AND BOTTOM SHEETING BUTTS AGAINST L.E. AND IS FLUSH WITH BACK EDGE OF SPARS

1/4" X 1" TRAILING EDGE

ALL TOP SHEETING AND CAP STRIPS OMITTED TO CLARIFY WING CONSTRUCTION

DIMENSIONAL DETAIL (1/8" OF INDICATED SCALE)

1/4" X 1" TRAILING EDGE

1/64" PLY NOSE DOUBLER (2 REQUIRED)

NOSE BLOCK - ROCK HARD BALSAs (OR SOFT PINE) 1/8" WIDE AT FRONT, 1/32" AT REAR.

CUT AWAY FOR WING RUBBER BANDS

USE SMALL RUBBER BANDS RECEIVERS COMPARTMENT

BATTERIES

1/16" PLY NOMINAL C.G.

3/8" MEDIUM-HARD BALSAs (TOP AND BOTTOM)

NOSE DOUBLER

FIBERGLASS OR DOWEL WING HOLD-DOWNS

REAR DOUBLER

1/8" SPRUCE STIFFENER

PARTS 1 TO 9 ARE ASSEMBLED DIRECTLY OVER PLAN

NOTCHES FOR NYRDS

CROSS SECTION'S S-S & ST-ST ARE NEAR RIGHT EDGE OF THIS PLAN

1/16" X 1/4" CAPS (TOP CAPS OMITTED FOR CLARITY)

SHIM PARTS 8 & 9 1/32" OFF PLAN WHEN ASSEMBLING STABILIZER

1/16" SHEETING, TOP & BOTTOM

3/16" SQ. TAPERED AS SHOWN

HARD 1/8" BALSAs SPAR AND LEADING EDGE

1/16" I.D. ALUMINUM TUBE

3/16" SC. TAPERED AS SHOWN

1/16" X 1/4" BALSAs TIP GUSSET

1/8" PLY LEADING EDGE BRACE

IN CENTER PANELS, SPARS ARE 1/8" X 3/8" SPRUCE, TOP AND BOTTOM

IS ARE 1/8" X 3/8" BALSAs

POLYHEDRAL BRACE - 1/8" PLYWOOD (2 REQUIRED)

WIDE END TOWARD TIP

1/16" PLYWOOD GUSSETS

1/4" SHEET BALSAs

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1/16" X 1/4" BALSAs CAP STRIPS ON ALL RIBS (TOP ONLY)

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