

L. E. 1/2" SQ.

3/16" SHEET, C-GRAIN

WINDSCREEN PATTERN, TRIM IN PLACE FOR EXACT FIT  
.008 CLEAR PLASTIC

1/16" REAR DIHEDRAL BRACE PLYWOOD  
1/16" FRONT DIHEDRAL BRACE PLYWOOD  
TIPS, 3/16" SHEET

ALL RIBS 3/32" C-GRAIN

FRONT SPARS 1/8" X 1/4" SPRUCE

1/8" X 3/16"

1/8" X 3/16" REAR SPARS

RIGHT PANEL

SAND TIP RIBS TO BLEND INTO TIP CONTOUR

CUT

TOP SPAR

1/4" X 1" T. E.

LOWER SPAR

SECTION AA TIP

OPTIONAL HOLES

DRILL FOR NY-ROD

© 1/16" PLYWOOD

Ⓑ 1/16" PLYWOOD

3/16" SQ. SPRUCE

RIBS, 3/16"

LARGE SIG HORN ON BOTTOM

3/16" SHEET

3/8" SQ. SPRUCE

3/16" X 1/2"

ELASTIC BAND PASS THRU FOR NON FIXED STAB

3/16" SQ. SPRUCE SAND TO SHAPE ⓐ

3/16" X 1/2"

KLETT TYPE HINGES

3/16" C-GRAIN SHEET

LARGE SIG HORN

4" DIHEDRAL EACH TIP

3/16" SHEET, BEVEL TO MATCH DIHEDRAL

3/16" DOWEL, EPOXY

TRIM WITH MONOCOTE OR OUTLINE WITH Balsa

SOFT WIRE, EPOXY JOINING PANELS

3/16" SHEET

3/16" SQ. SPRUCE

3/16" X 1/2"

TANK, SULLIVAN SS 3

RECEIVER SWITCH

3/16" SQ. FILL TAPER FROM STRINGER

3/16" DOWEL

ALL GUSSETS 3/16" SHEET

REVERSE DIAGONALS OPPOSITE SIDE

LONGERONS, UPRIGHTS & CROSSPIECES 3/16" SQ. SPRUCE

DIAGONALS, 3/32" X 3/16"

NOTCH FOR STAB

3/16" SHEET

2 PLY 3/16" SHEET CROSSGRAIN

1/16" PLYWOOD L.G. MOUNT

OPTIONAL 3/16" PLYWOOD

3/8" SQ. MAPLE 3/16" SQ. SPRUCE SERVO RAILS, POSITION TO SUIT

2 5/8" WIDE

2 3/8" WIDE

2" WIDE

3/16" SQ. SPRUCE, ADD OVER BASIC BOX

3/32" SHEET, SLOT FOR NYROD

SKID, 1/16" MUSIC WIRE EPOXY INSIDE PLYWOOD

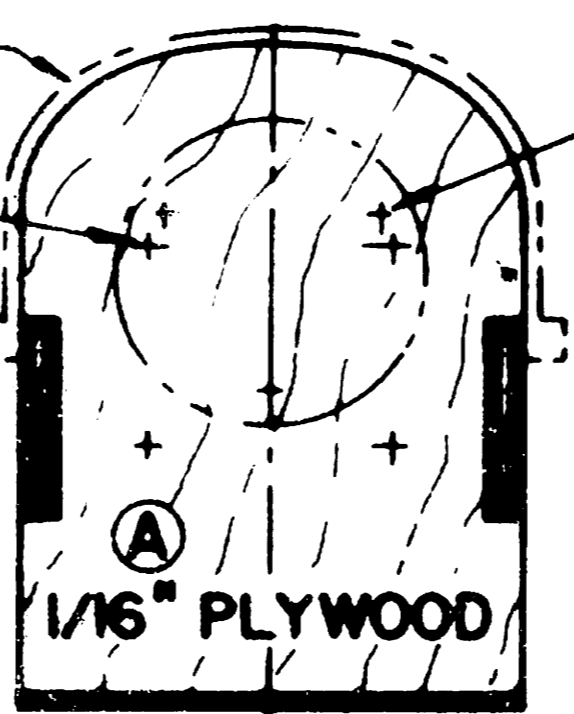
1/16" PLYWOOD

PILOT (WORLD ENGINES) H-1 PREFORMED L.G.

SQ. BRASS TUBE SOLDER

SOLDER

PERFECT #6 TANK MODIFIED FOR 2 CHANNEL SHUT OFF



DRILL FOR TATONE .09 MOUNT

SPECIFICATIONS

ENGINE: .09-15  
SPAN: 56"  
AREA: 450 SQ. IN.  
WT.: 32 OZ.

# BERKELEY BRIGADIER 1940

2-3 CHANNEL SPORT-TRAINER  
REDESIGNED & DRAWN BY DOC MATHEWS

TRACED FOR M.A.N. BY RAY BORDEN



MATERIAL Balsa OR SPECIFIED DIMENSIONS ARE IN INCHES			
IN.	MM	IN.	MM
1/64	.5	1/8	3.175
1/32	1.0	3/16	4.762
1/16	1.5	1/4	6.350
3/32	2.5	3/8	9.525

**M.A.N.**