

**MINI INCIDENCE METER
FOR PEANUT & SMALL RUBBER
TYPE MODEL AIRPLANES
BY BILL SCHMIDT 9/18/36**

CONSTRUCT FROM
VERY HARD 1/16" X 3/16"
BALSA FOR A LIGHT WGT.
AS REQ'D FOR PEANUT
SIZED MODEL. FACEPLATE
IS 1/16" SHEET

GRIND POINTER
TO A NEEDLE
POINT & DIP IN
THIN RED PAINT
3/8" DEEP.

.032" MUSIC WIRE
POINTER EXACTLY
5.75" LONG BETWEEN
BEND AND POINTED TIP.
THIS TRIGD OUT TO 1 DEGREE
X .100 INCH ON THE SCALE.

CA
GLUE PAPER
WASHER TO
HOLD POINTER
ON STICK BRG.

1/16" DIA. ALUMINUM TUBING
BY 1/4" LONG GLUE WITH CYA AT
CENTER AT EXACT 90 DEGREES BOTH WAYS

TOP SUPPORT GUSSET

FRONT CAP STRIP

MAIN 10" STICK

LWR SUPPORT HALF GUSSET

VERTICAL NOTCH STICK

SECT A-A $\frac{3}{16}$ in

MAIN STICK
10 inches

PIN STOP
(Z CA)

$\frac{3}{16}$ in

SCHMIDT
INCIDENCE
METER
IN
DEGREES



1.10"

1.10"

2.50" - VERTICAL NOTCH
STICK - 2 EA

THESE TWO
NOTCH CUTS ARE 90*
SET AT 45* TO HOLD
ON THE L.E. & T.E. OF
THE MODEL'S WING AND TAIL

ASSEMBLE WITH LIGHT
FRICTION WHEN SLIDING THE
VERT NOTCH STICKS ON THE
MAIN 10" STICK. MAKE ONLY
ONE NOTCH THEN WITH POINTER ON
"0" ALIGN ON HORIZONTAL
SURFACE OF SPIRIT LEVEL &
MARK AND CUT 2ND NOTCH.

