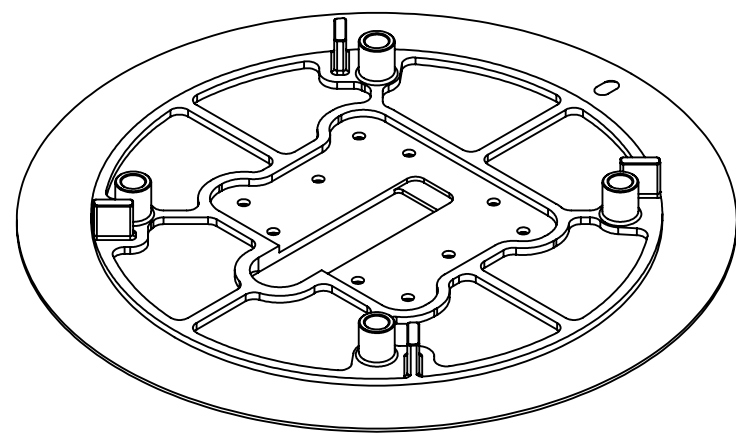


4X Ø .1960 THRU ALL  
 ✓ Ø .4330 X 100°  
 CLEARANCE FOR 10-32 FLAT HEAD

10X Ø .1285 THRU ALL  
 ✓ Ø .2250 X 100°  
 FOR AN RIVET  
 MUST SIT FLUSH +.000 -.005

**NOTE: DO NOT TUMBLE  
 FINISH: BRIGHT DIP CLEAR  
 DO NOT HOLD ON FLAT FACE WHEN ANODIZING**

REV.	DESCRIPTION	DATE	DRAWN
G	REDESIGN	12/22/2011	ARV
H	ADJUSTED HOLE ALIGNMENT FOR BRACKETS	12/30/2011	ARV
I	REMOVED ONE CLAMP, ADJUSTED HOLE LOCATIONS AND REMODELED PART	2/19/2014	CAP
J	(2/24/16) OPENED UP THE PROBE SLOT TO ALLOW THE PROBE TO ROTATE TO 40 DEGREES (9/19/16) ADDED 4 HOLES TO WORK WITH THE 5-HOLE ANGLE BRACKETS	9/19/2016	CAP



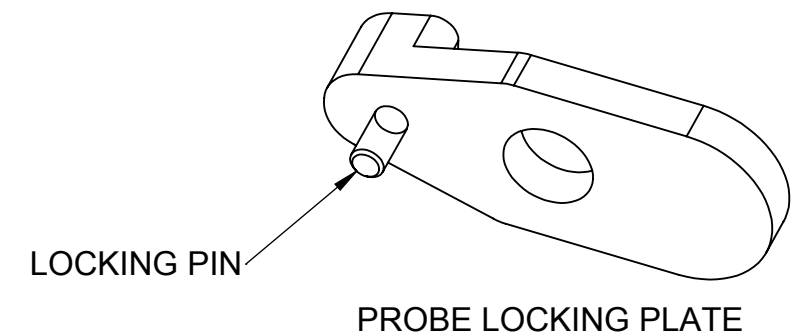
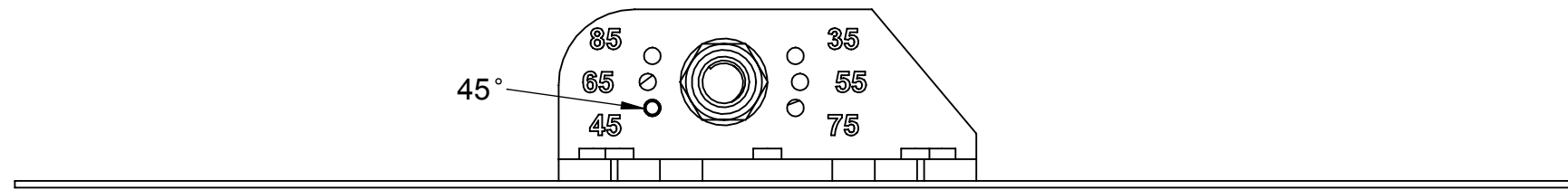
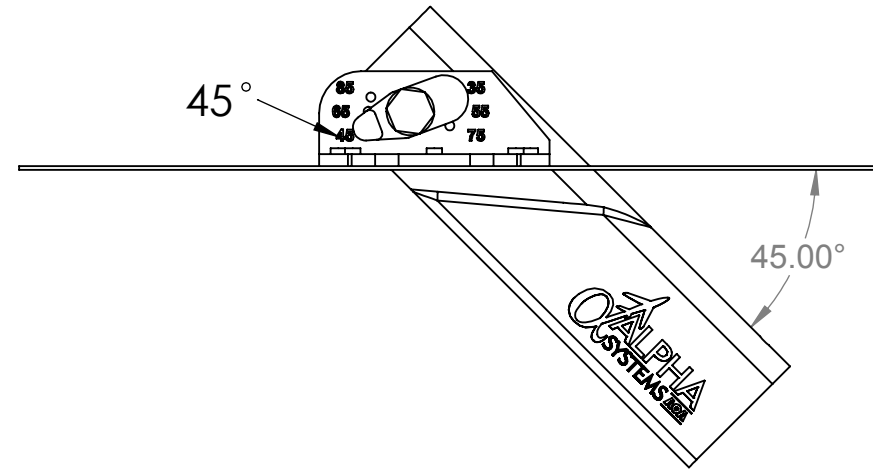
<small>UNLESS OTHERWISE SPECIFIED:          UNITS ARE IN INCHES AND TOLERANCES ON DIMENSIONS ARE IN INCHES</small> X = ±.03 .XX = ±.01 .XXX = ±.005 DEG. = ±1° DEG. = ±1° X/X = ± 1/16  <small>PROPRIETARY AND CONFIDENTIAL          THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DEPOTSTAR. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF DEPOTSTAR IS PROHIBITED.</small>	DRAWN: CAP	PROJECT: AOA-4051 6" ROUND MOUNTING PLATE
	DATE: 8/11/2017	TITLE:
	SHEET: 1	AOA-4051-1-RAW (6" RD PLATE RAW)
	SCALE: 1:2	
	SIZE: B	
QUANTITY:	PART #	
MATERIAL: 6061 ALUM	AOA-4051-1-RAW (6INCH RD PLATE RAW)	J

5 4 3 2 1

# Positive Probe Lock System

The design of the probe and probe plate allows for the probe locking plate to positively pin the probe from any possible movement after final assembly.


Due to differences of wing designs and the number of wing mounting locations, it may become necessary to change the AOA probe angle to allow for full scale and accurate electronic calibration. Depending on the probe lock plate pin and which side of the AOA probe and hole is used, a range of probe angles can be locked from 35 to 90 degrees, (see drawings at the left). Start with a 45 degree angle, if a higher or lower angle is required, material from the probe plate may have to be removed for clearance of the probe to swing in the desired direction. Once the AOA probe locking plate and the 1/4 bolt is tightened to 60 inch lbs., the probe is pinned in place.



## G1 & G2 WING

UNLESS SPECIFIED,  
UNITS ARE IN INCHES  
AND TOLERANCES ARE:  
DIMENSIONS ARE IN INCHES  
.X = ±.03  
.XX = ±.01  
.XXX = ±.005  
DEG = ±1°  
X/X = ±1/16

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IS PROHIBITED.

PRODUCT:	X		
DRAWN:	AARON		
DATE:	10/19/10	PROJECT:	PROBE MOUNTING PLATE
SHEET:	1 OF 1	DESCRIPTION:	MOUNTING ANGLES
SCALE:	NONE		
SIZE:	B		
FINISH:			
MATERIAL:		PART #:	PROBE MOUNTING INCREMENTS A