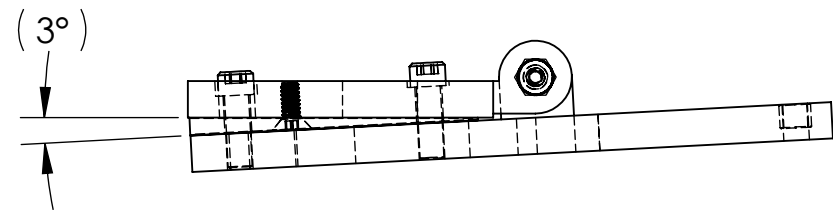
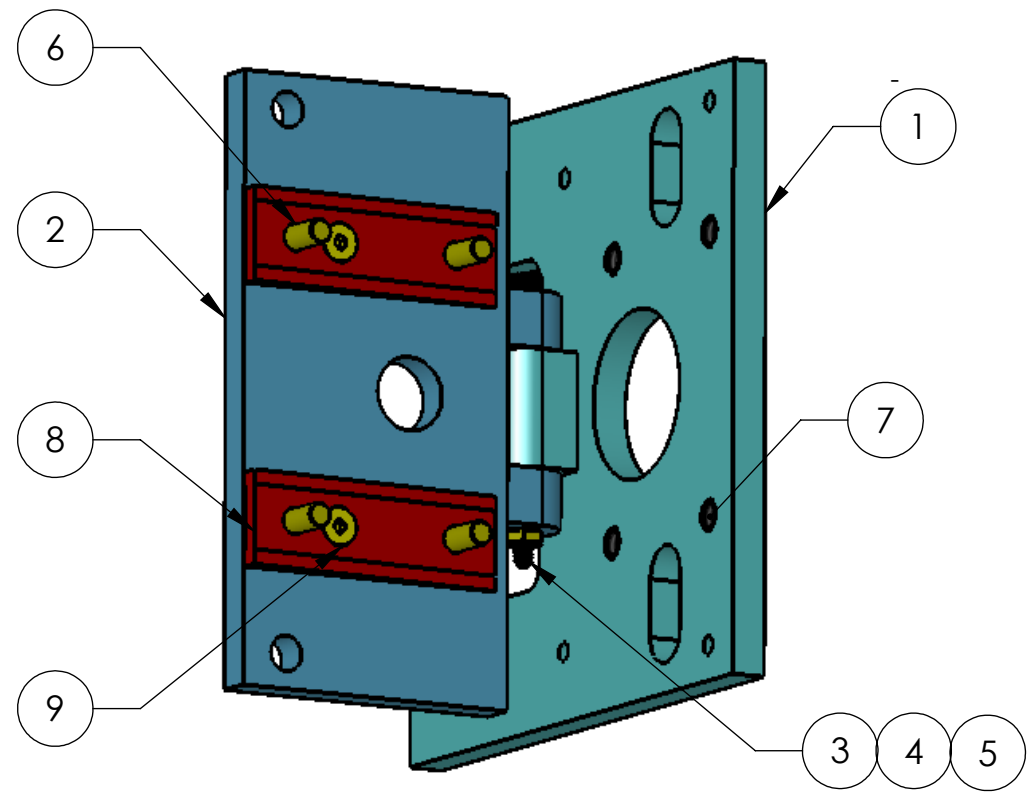
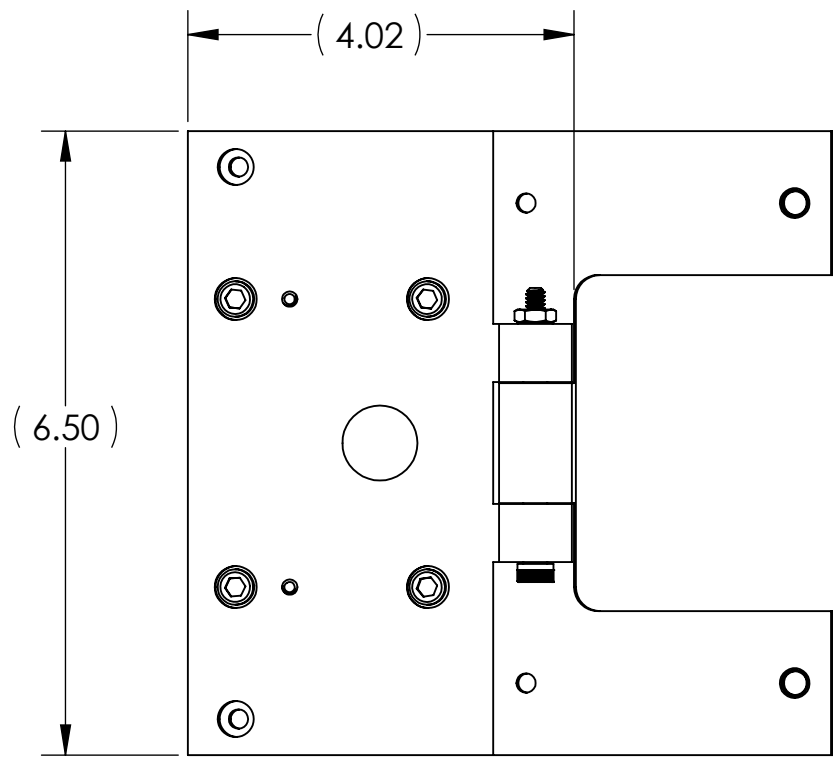


REV.	DATE	DCN #	DRAWING TREE #
v1	07 APR 2011	E1100216	E1000674
-	-		
-	-		



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
9	94518A415	MCMaster, SCREW, FLATHD, #10-32X.500	300 SSSL	2	2	4
8	D1100243	ACB HINGE SHIM	304 SSSL	2		2
7	1185-4EN250	HELI-COIL INSERT, 1/4-20 X 1/4 LG	NITRONIC 60	6	3	9
6	C-2014-A	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.875 LONG, FULLY THREADED	18-8 SSSL	4		4
5	N-1024-A	UC COMP, HEX NUT, #10-24, 18-8 SST	300 SSSL	1		1
4	90945A740	MCMaster, WASHER, FLAT, #10, 300 SST, NAS 620-C10L OR EQUIV.	300 SSSL	1		1
3	90298A550	MCMaster, SHOULDER SCREW #10-24, .25 D X 2.5	18-8 SSSL	1	1	2
2	D1001621	ARM CAVITY BAFFLE UPPER MOUNTING HINGE	6061-T6 Al	1		1
1	D1001622	ARM CAVITY BAFFLE LOWER MTG HINGE	6061-T6 Al	1		1

**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
.XX ±  
.XXX ±  
ANGULAR ± °

1. INTERPRET DRAWING PER ASME Y14.5-1994.  
2. REMOVE ALL SHARP EDGES, R.02 MIN.  
3. DO NOT SCALE FROM DRAWING.  
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

**FINISH** N/A

**MATERIAL** N/A

**SYSTEM** ADVANCED LIGO  
**SUB-SYSTEM** AOS  
**NEXT ASSY** D0901376

**CALIFORNIA INSTITUTE OF TECHNOLOGY**  
**MASSACHUSETTS INSTITUTE OF TECHNOLOGY**

**PART NAME** ARM CAVITY BAFFLE HINGE ASSY

**DESIGNER** N.Nguyen 16 Aug 2010  
**DRAFTER** TQ. NGUYEN 18 OCT 2010  
**CHECKER** M. Smith 10 NOV 2010  
**APPROVAL** D. Coyne 20 NOV 2010

**SIZE** B  
**DWG. NO.** D1002173  
**REV.** v1

**SCALE:** 1:2  
**PROJECTION:** SHEET 1 OF 1

D1002173\_AdlIGO\_slc\_ARM\_Cavity Baffle Hinge Assy, PART PDM REV: X-043, DRAWING PDM REV: X-022