

8 7 6 5 4 3 2 1

REV. DATE DCN # DRAWING TREE #
 V1 18 MAR 2011 E1100272 -
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NOTES CONTINUED:

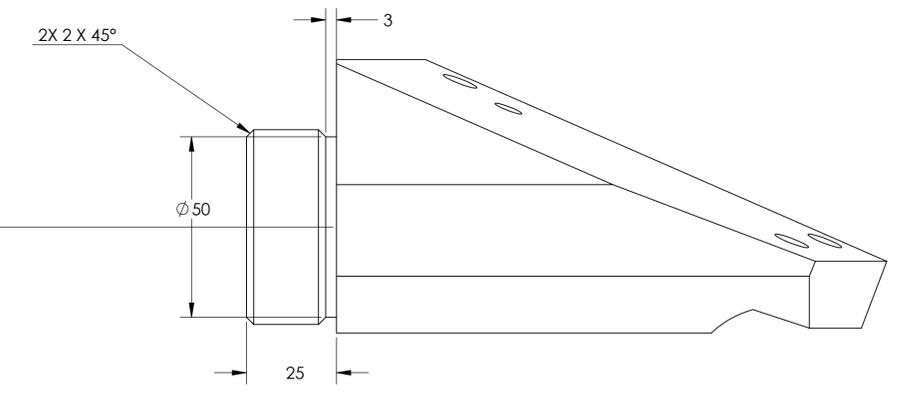
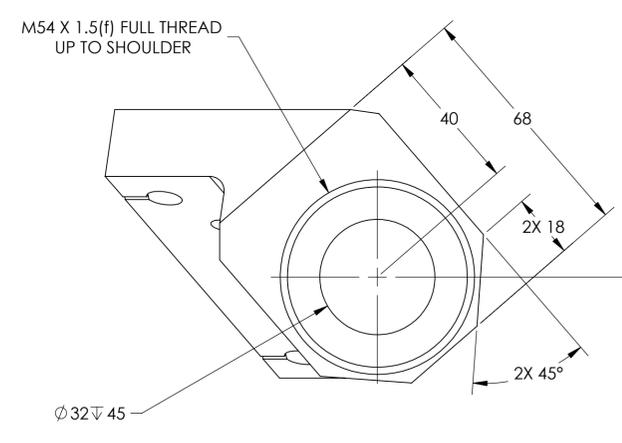
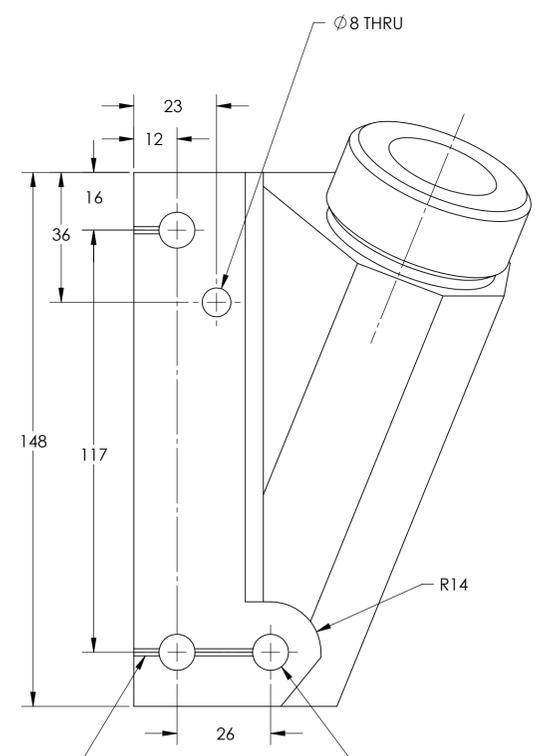
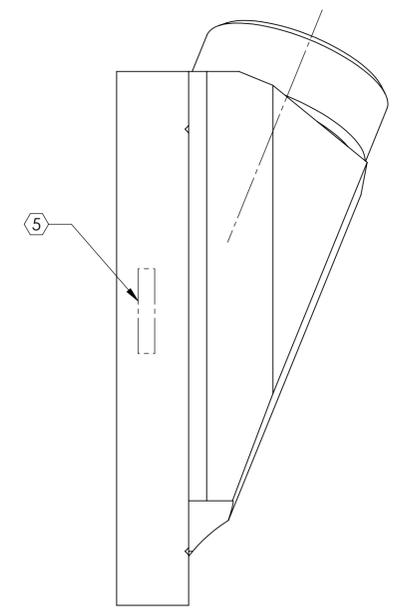
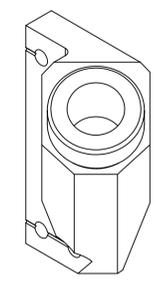
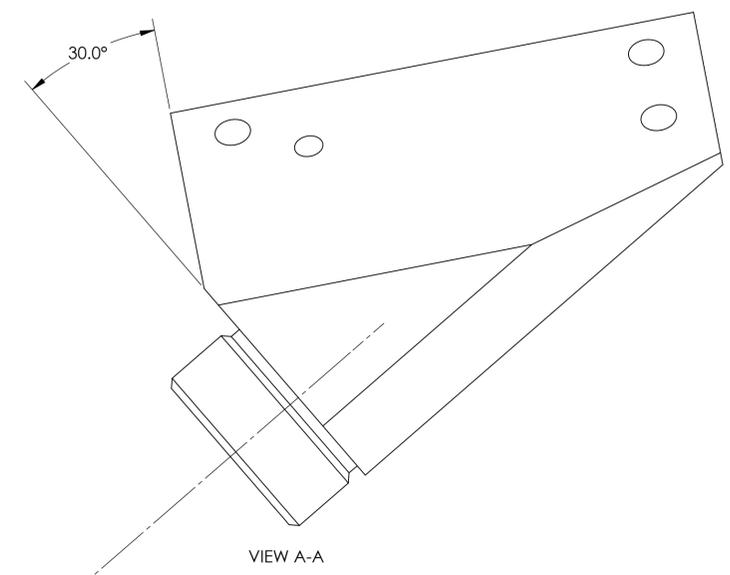
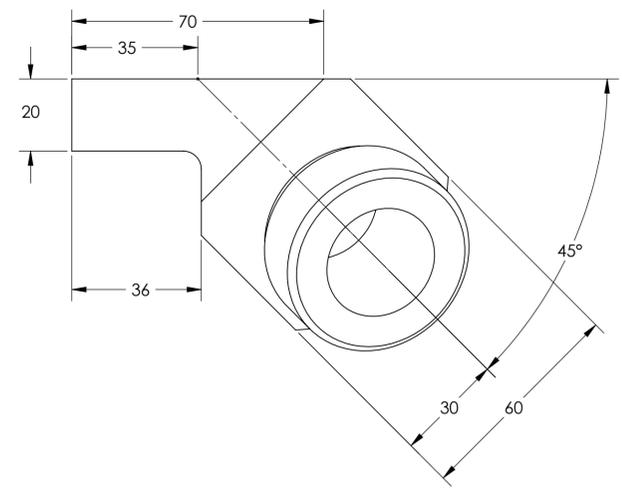
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

6. APPROXIMATE WEIGHT = 2.73 LB.

7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364

8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL), NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.



2X ENGRAVE 90° V GROOVE X 1 DEEP EDGE TO HOLE

NOTE: THIS PART IS A MIRROR IMAGE OF D1100446

DIMENSIONS ARE IN MILLIMETERS		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
TOLERANCES: .XX ± .25 .XXX ± .13		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SYSTEM ADVANCED LIGO		SUB-SYSTEM SUS	
ANGULAR ± .5°		MATERIAL 6061-T6 Al		FINISH 63 µinch		NEXT ASSY D080501	
						DESIGNER K. BUCKLAND 13 DEC 2010	
						DRAFTER K. BUCKLAND 18 MAR 2011	
						CHECKER	
						APPROVAL	
						SIZE DWG. NO.	
						D	
						REV.	
						v1	
						SCALE: 1:1	
						PROJECTION:	
						SHEET 1 OF 1	

D1100447.dwg, SUS, 30 DEG BS/FM BSC STAY BRACKET, PART PDM REV: X-004, DRAWING PDM REV: X-001