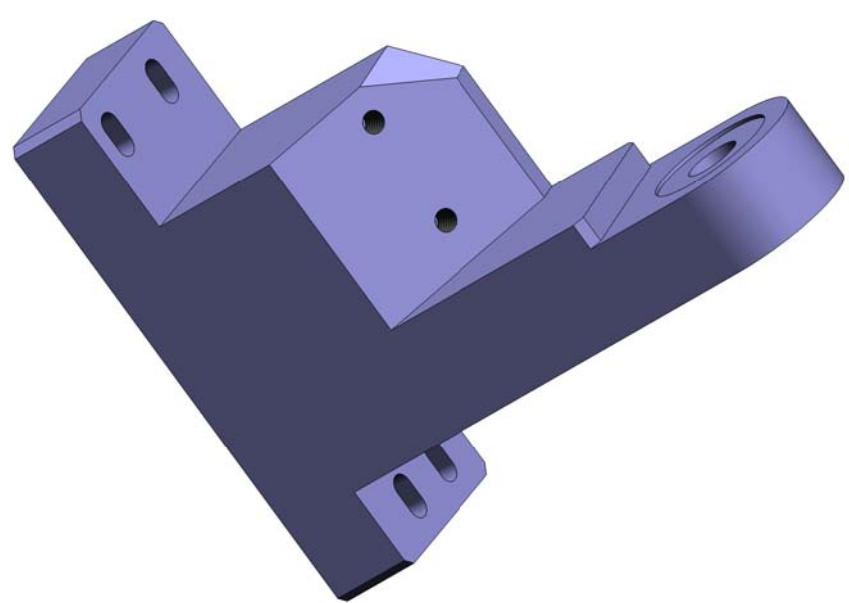
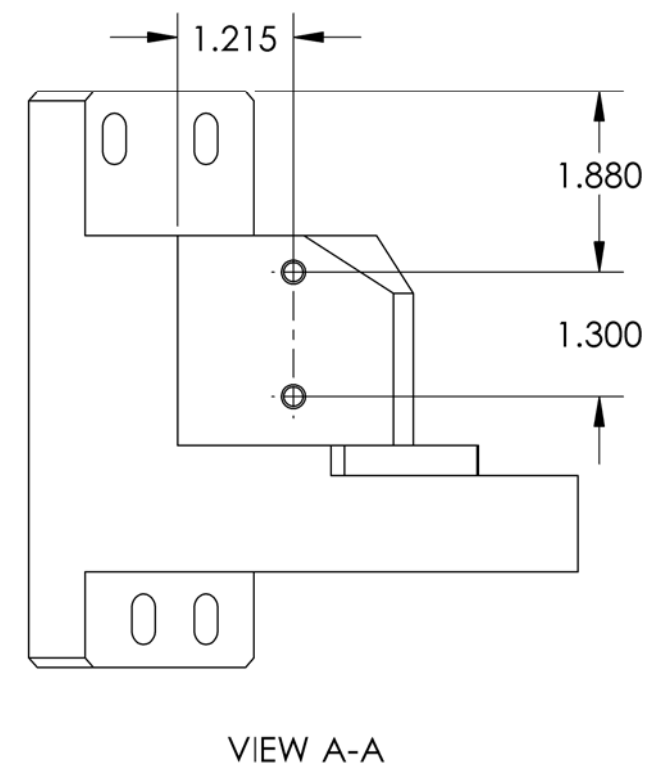
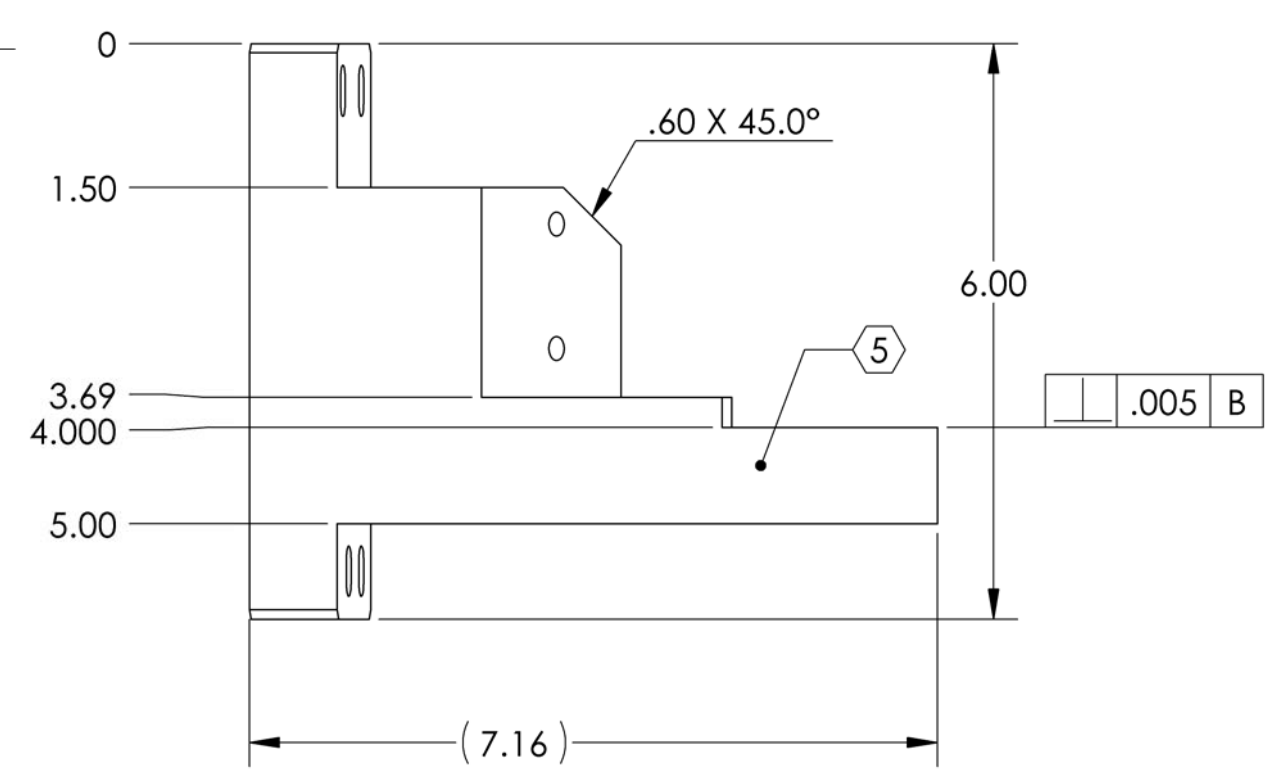
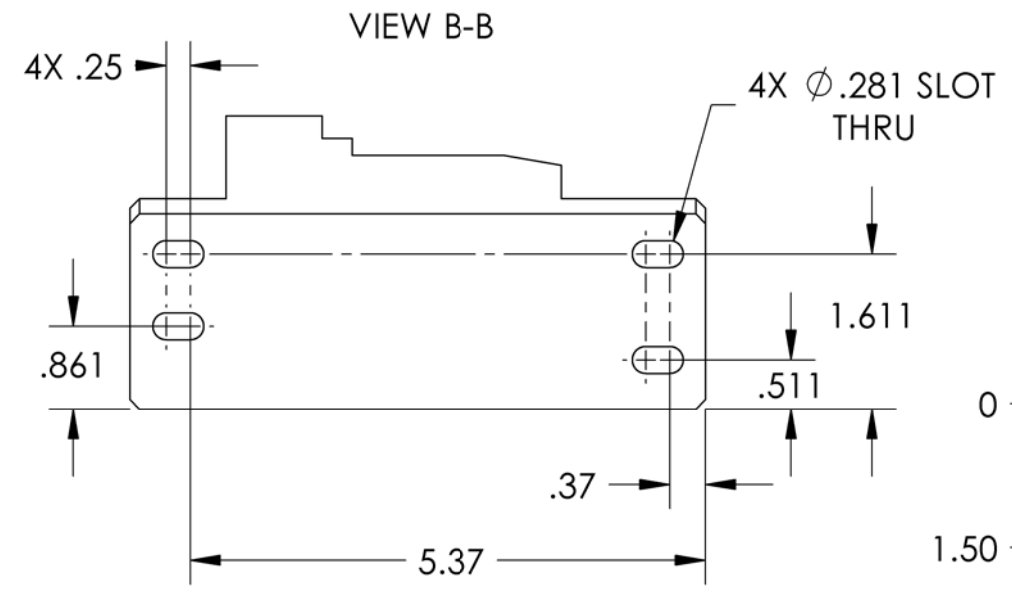
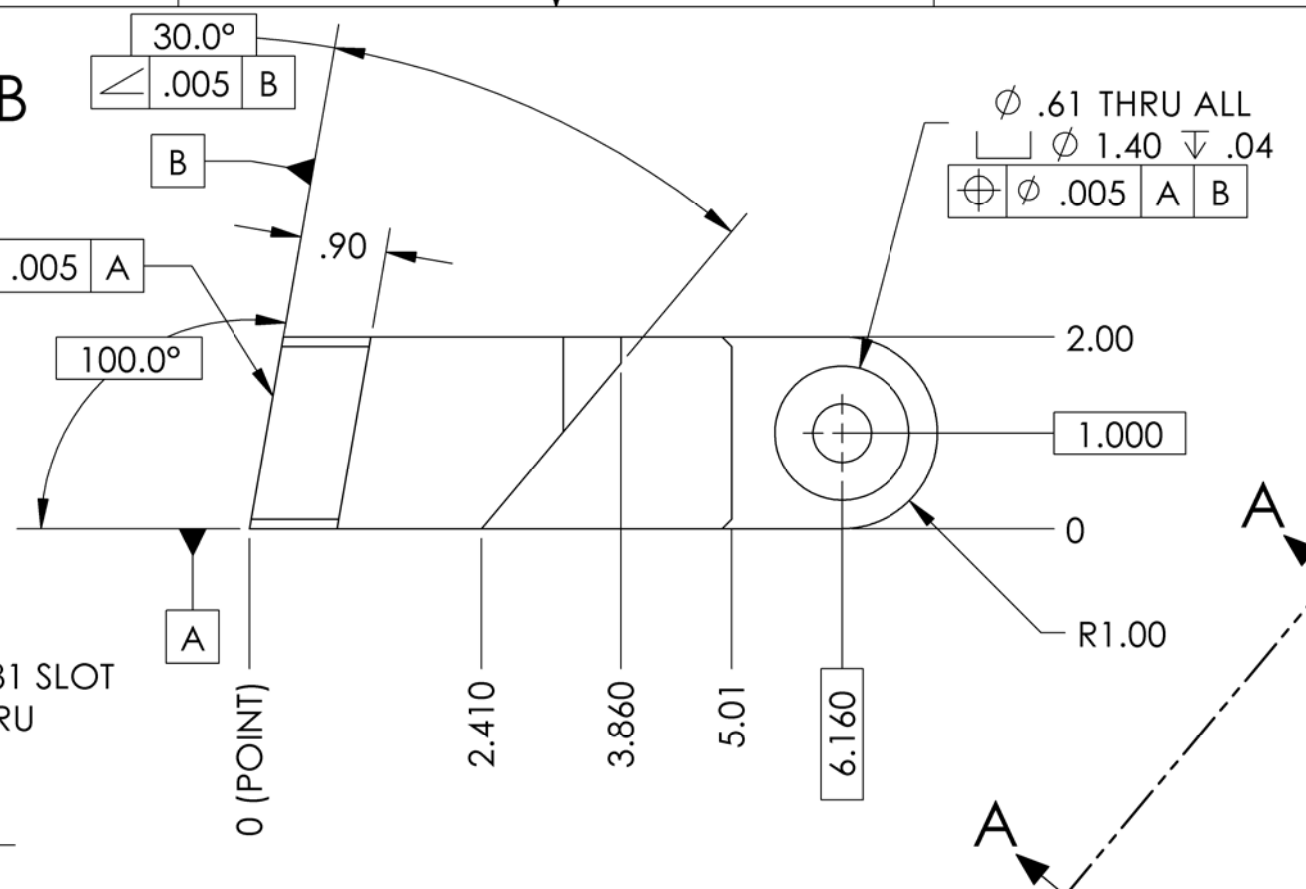


**NOTES CONTINUED:**  
 ⑤ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12 HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED.  
 EXAMPLE DXXXXXX-VY, TYPE-XX, S/N XXX.  
 6. APPROXIMATE WEIGHT = 1.481 LB.  
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.  
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.  
 9. A TAPPED HOLE PITCH DIAMETER LIMIT OF H11 APPLIES.  
 10. A TRUE POSITION TOLERANCE OF  $\phi .010$  IS - THE SAME AS A CONVENTIONAL TOLERANCE OF  $\pm .005$ .

REV.	DATE	DCN #	DRAWING TREE #
v1	19 Mar. 2010	E1000049	E1000025

D0902236 Small Actuator Vertical bracket, PART PDM REV: X-014, DRAWING PDM REV: X-004



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME					
DIMENSIONS ARE IN INCHES				1. INTERPRET DRAWING PER ASME Y14.5-1994, 2. BREAK ALL EDGES AND CORNERS .03 X 45°, 3. DO NOT SCALE FROM DRAWING, 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SMALL ACTUATOR VERTICAL BRACKET, aLIGO BSC ISI					
TOLERANCES: .XX ± .015 .XXX ± .005				MATERIAL 6061-T6 Al		FINISH 63 μinch		NEXT ASSY D0901182		SYSTEM ADVANCED LIGO SUB-SYSTEM SEI	
ANGULAR ± .5°				DESIGNER S.BARNUM 19 Mar. 2010		DRAFTER M.HILLARD 19 Mar. 2010		CHECKER F.MATICHARD 19 Mar. 2010		APPROVAL K.MASON 19 Mar. 2010	
				SCALE: 1:2		PROJECTION:		SHEET 1 OF 1		SIZE DWG. NO. B D0902236 REV. v1	