



NOTES CONTINUED:

⑤ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK (NO INKS OR DYES) DRAWING PART NUMBERS, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBERS. SERIAL NUMBERS START AT 001 FOR FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM .12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPEXX, S/N XXX DO NOT APPLY MARK ON SUPER #8 SIDE.

6. APPROXIMATE WEIGHT = 11.074 LBS.

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

8. 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.

⑦ PART TO BE OXIDIZED PER LIGO SPECIFICATION E1100842.

REV.	DATE	DCN #	DRAWING TREE #
v1	29 OCT 2012	E1000360	-
-	-	-	-
-	-	-	-

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
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 AOS	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± 0.5°				MATERIAL 18 GAUGE 304 SSTL		FINISH SUPER #8 ⑦	
NEXT ASSY D1003227				DESIGNER TQ. NGUYEN		DATE 4 APR 2012	
APPROVAL C. TORRIE				CHECKER L. AUSTIN		DATE 4 APR 2012	
SCALE : 1:4				PROJECTION :		SIZE DWG. NO. D D1200517	
SHEET 1 OF 1				REVISION v1		REV. v1	

D:\200517\aligo_Machfile_Cryo_Etmy_Right_Half_Face_Plate_ETMY_PART_PDM_REV.X:005_DRAWING_PDM_REV.X:008