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: DXXXXXXX-VY, TYPE-XX, S/N XXX

6. APPROXIMATE WEIGHT = 0.096 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.

3X #6-32 UNC ⌄ .376
+.005 OVERSIZE TAP

3X .190

3.750

.38

2X .500

2X 1.875

2X 3.250
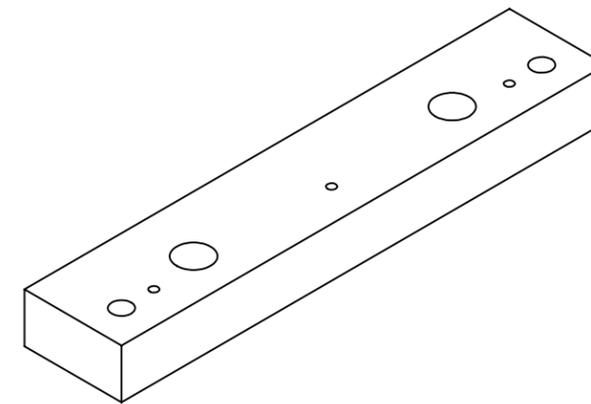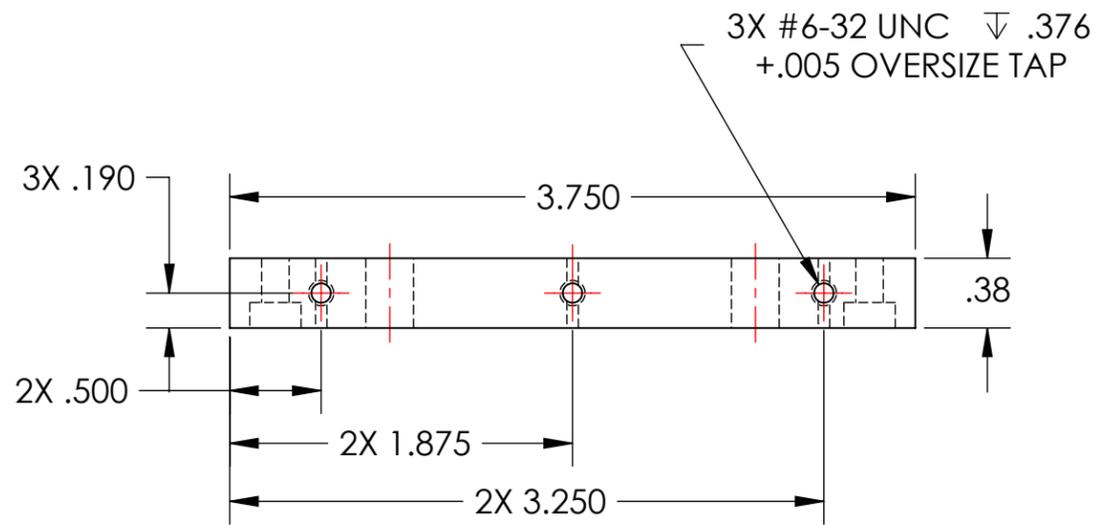
GENERAL VIEW
FOR REFERENCE ONLY
NO SCALE

2X ⌀ .150 THRU
⌴ ⌀ .281 ⌄ .138

2X ⌀ .261 THRU

.875

2.000

2X .433

5X .500

.750

.250

3.250

⑤

3X ⌀.06
VENT HOLE THRU
TAP HOLE
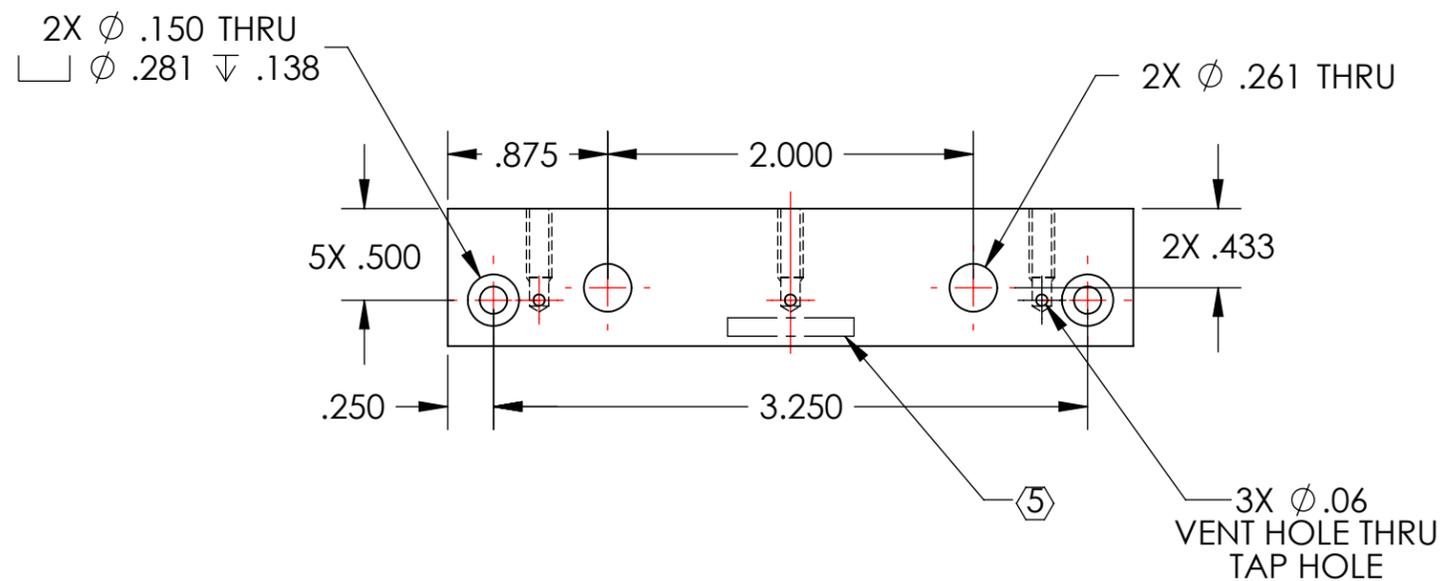
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .01
.XXX ± .005

ANGULAR ± 0.5°

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.

MATERIAL	FINISH
6061-T6 Al	63 μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM	SUB-SYSTEM
ADVANCED LIGO	AOS

NEXT ASSY: D1001918

PART NAME: **INPUT BAFFLE BASE**

DESIGNER	TQ. NGUYEN	27 JUL 2010
DRAFTER	TQ. NGUYEN	24 AUG 2010
CHECKER	M. SMITH	
APPROVAL	D. COYNE	

SIZE: B

DWG. NO.: **D1001917**

REV.: v1

SCALE: 1:1   PROJECTION: SHEET 1 OF 1