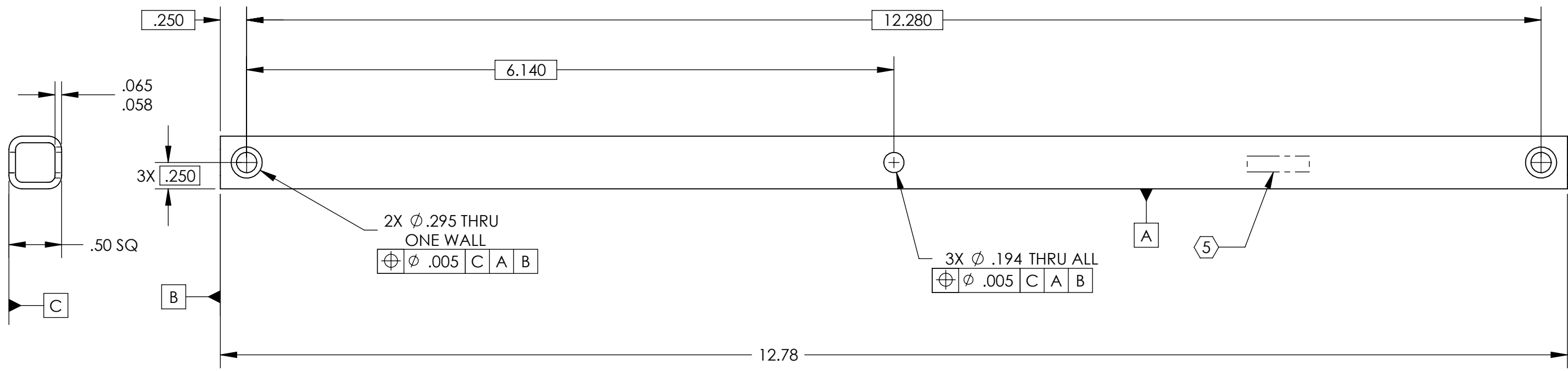


D0901271_AdlIGO_AOS_FID0900579_Blade Guard Crosspiece, PART PDM REV: X-007, DRAWING PDM REV: X-010

NOTES CONTINUED:
 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: DXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.
 6. SUGGESTED SOURCE:
 AIRCRAFT SPRUCE & SPECIALTY CO.
 P/N 03-00008, 6061T6 TUBE 1/2" X 1/2' X .058
 AIRCRAFTSPRUCE.COM
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 21 Jul 2009 | E0900209 | - |
| v2 | 07 OCT 2010 | E1000563 | - |
| v3 | 07 JAN 2011 | E1000563 | - |



| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | |
|--|--------------|
| DIMENSIONS ARE IN INCHES | |
| TOLERANCES: .XX $\pm .02$.XXX $\pm .005$ ANGULAR $\pm 0.5^\circ$ | |
| 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 SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410. | |
| MATERIAL | FINISH |
| 6061-T6 Al | stock tubing |

| | | | | | |
|---|---------------|------------|-------------|------------------------|--------------|
| CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME | | BLADE GUARD CROSSPIECE | |
| SYSTEM | ADVANCED LIGO | SUB-SYSTEM | AOS | DESIGNER | N.Nguyen |
| CHECKER | K. Mailand | DATE | 21 Jul 2009 | SIZE | DWG. NO. |
| APPROVAL | C. Torrie | DATE | 22 Jul 2009 | B | D0901271 |
| NEXT ASSY | | | | D0900579 | REV. |
| SCALE: 1:4 | | | | PROJECTION: | SHEET 1 OF 1 |