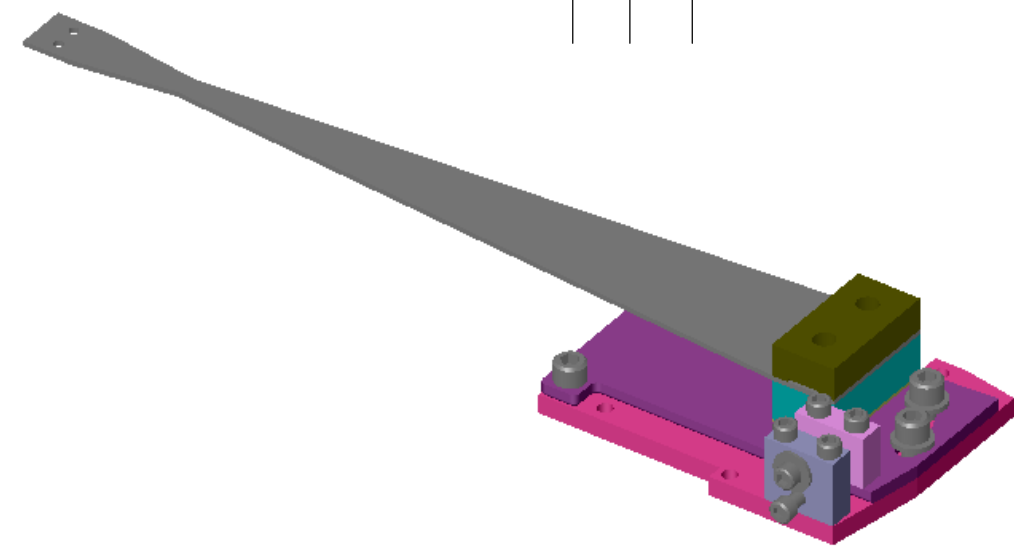
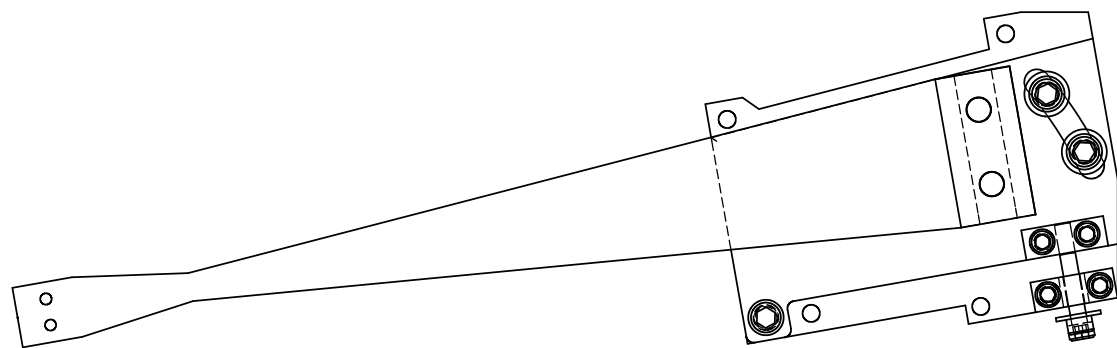
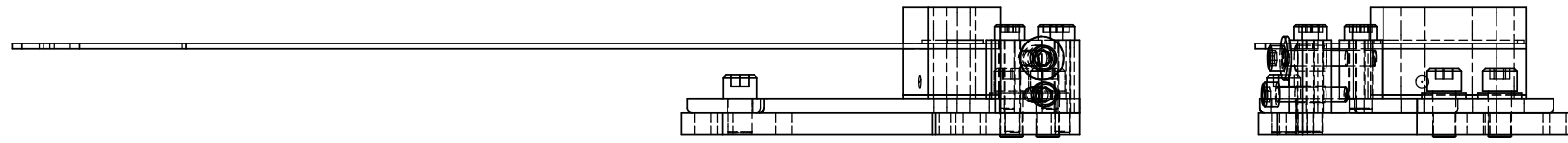


REV.	DATE	DCN #	DRAWING TREE #



D030451_Assembly_Rotational Adjuster.sat



ITEM NO	REQ.	SPARE	TOT.	PART NUMBER	DESCRIPTION	MATERIAL
16	8	1	9	D020679	UPPER BLADE CLAMP LOWERSIDE SHIM 1mm	300 SSTL
15	1	1	2		M4 (1 MM THICK) FLAT WASHER Metric-DIN 125 (OR EQUIV.)	300 SSTL
14	1	1	2		Ag-SST SOCKET HEAD CAP SCREW #8-32 UNC-3A X 0.75 LONG	300 SSTL
13	1	1	2		Ag-SST SOCKET HEAD CAP SCREW #8-32 UNC-3A X 1 LONG	300 SSTL
12	2	2	4		SST SOCKET HEAD CAP SCREW #8-32 UNC-3A X 1 LONG	300 SSTL
11	2	2	4		FLAT WASHERS NAS 620-C416 (OR EQUIV.)	300 SSTL
10	2	2	4		SST SOCKET HEAD CAP SCREW 0.25-20 UNC-3A X 0.5 LONG	300 SSTL
9	2	2	4		SST SOCKET HEAD CAP SCREW #8-32 UNC-3A X 0.75 LONG	300 SSTL
8	1	1	2		SST SOCKET HEAD CAP SCREW 0.25-20 UNC-3A X 0.375 LONG	300 SSTL
7	1	1	2	D020116	UPPER BLADE CLAMP UPPER SIDE 0.0 DEGREE	300 SSTL
6	1	1	2	D030459	RA UPPER BLADE CLAMP LOWER SIDE 0.0 DEGREE	300 SSTL
5	4	2	6	D030449	PUSH PLATE	300 SSTL
4	4	2	6	D030450	PULL PLATE	300 SSTL
3	1	1	2	D020205	UPPER BLADE	MARAGING STEEL C250
2	4	2	6	D030447	ROTATING PLATE	300 SSTL
1	4	2	6	D030448	BASE PLATE	6061-T6 AL

FOR REVIEW

PARTS LIST			
<p>NOTES: (UNLESS OTHERWISE SPECIFIED)</p> <p>1. REMOVE ALL SHARP EDGES, R.02 MIN. 2. DO NOT SCALE FROM DRAWING. 3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL)</p> <p>④ SCRIBE, ENGRAVE OR STAMP DRAWING PARTNUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: D020188- 001. A VIBRATORY TOOL MAY BE USED.</p>			
DIMENSIONS ARE IN INCHES		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP	
TOLERANCES: .XX ± 0.01 .XXX ± 0.005		SYSTEM ADVANCED LIGO	
ANGULAR ± 0.5 °		SUB-SYSTEM SUS	
MATERIAL --		NEXT ASSY Upper Blade	
FINISH N/A		PART NAME Rotational Adjuster Assembly	
NAME	DATE	SIZE	DWG. NO.
MPL (IGR)	04SEP03	B	D030451
DRAWN		REV.	01
CHECKED		SCALE:	1:1
APPROVED		PROJECTION:	⊕
		SHEET 1 OF 2	

8

7

6

5

4

3

2

1

FILE NAME/LOCATION: /sirius/engmech/

REV.	DATE	DCN #	DRAWING TREE #

D

D

C

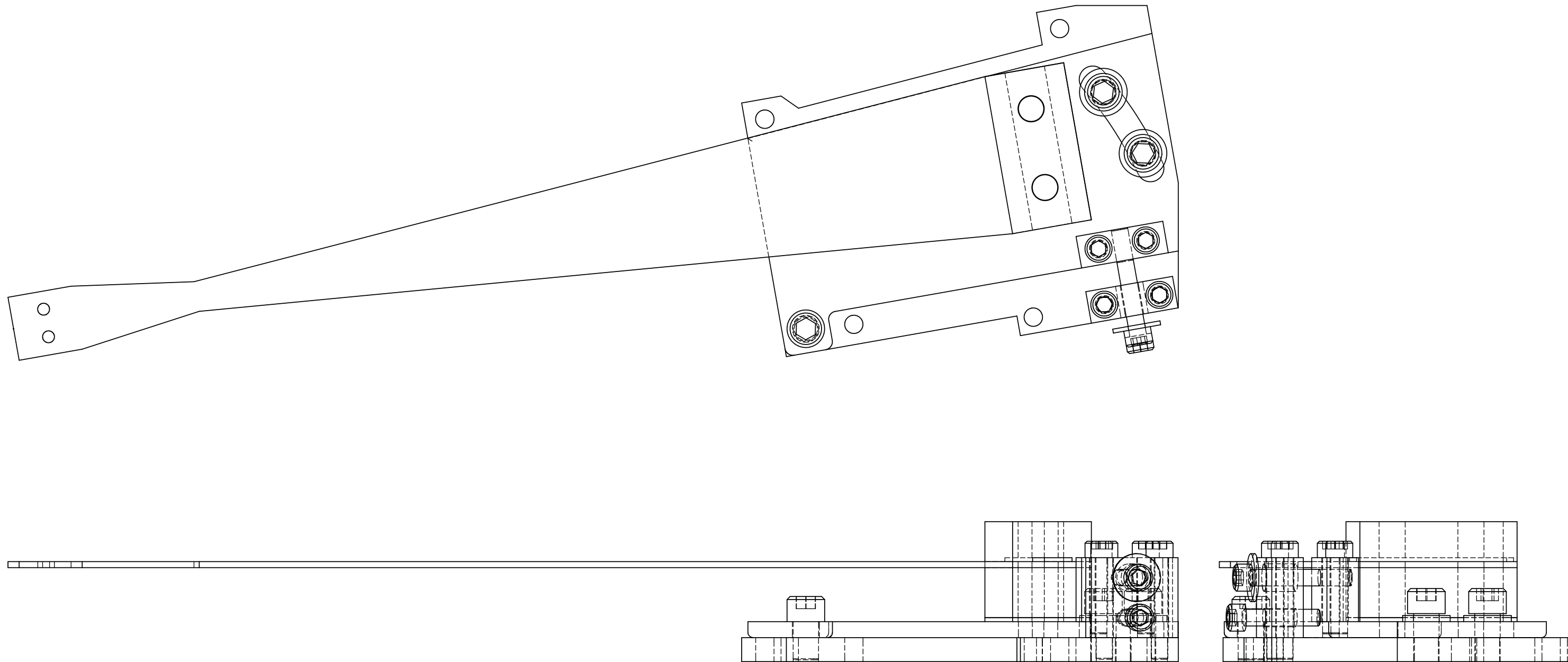
C

B

B

A

A



PARTS LIST			
NOTES: (UNLESS OTHERWISE SPECIFIED)		DIMENSIONS ARE IN INCHES	
1. REMOVE ALL SHARP EDGES, R.02 MIN. 2. DO NOT SCALE FROM DRAWING. 3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL) ④ SCRIBE, ENGRAVE OR STAMP DRAWING PARTNUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: D020188- 001. A VIBRATORY TOOL MAY BE USED.		TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5 °	
MATERIAL		--	
FINISH		N/A	
	NAME	DATE	
DRAWN	MPL (IGR)	04SEP03	
CHECKED			
APPROVED			
SYSTEM		ADVANCED LIGO	
SUB-SYSTEM		SUS	
NEXT ASSY		Upper Blade	
PART NAME			
Rotational Adjuster Assembly			
SIZE	DWG. NO.	REV.	
B	D030451	01	
SCALE:	1:1	PROJECTION:	
		SHEET 2 OF 2	

7

6

5

4

3

2

1