

ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			D060391	TOP WIRE CLAMP; (TOP MASS)	SEE ITEMS LIST: .....
2	4			D060397	TOP MASS SPACER; ..	ST. STEEL: 303/304
3	2			D060398	PITCH ADJUSTER & MASS; ADJUSTER TURRET	AL ALLOY: 5083
4	4			D060399	STOP BRIDGE; ..	AL ALLOY: 5083
5	2			D060405	PITCH ADJUSTER; ..	ST. STEEL: 303/304
6	2			D060406	BASE PLATE STIFFENER; ..	AL ALLOY: 5083
7	4			D060409	OSEM ECD UNIT; ..	..... AS DRAWN
8	2			D060411	TOP PLATE; ..	ST. STEEL: 303/304
9	1			D060412	OSEM BRACKET (TOP OSEM); ..	AL ALLOY: 5083
10	2			D060414	BLADE TIP Z POSITION ADJ.; (BTM HALF PART 2)	AL ALLOY: 5083
11	2			D060415	BLADE TIP Z POSITION ADJ.; (BTM HALF)	ST. STEEL: 303/304/316
12	2			D060416	OSEM MAGNET AND FLAG CONCEPT; ..	AS DRAWING: .....
13	2			D060417	OSEM MAGNET AND FLAG CONCEPT; PART BUILT	AS BOM: .....
14	2			D060419	TOP MASS WIRE CLAMP; ..	..... SEE DRAWINGS
15	2			D060420	WIRE CLAMP ADJUSTMENT BLOCK; ..	AL ALLOY: .....
16	2			D060421	MASS AND SUPPORT MEMBER; ..	ST. STEEL: 303/304
17	1			D060430	BASE PLATE; ..	AL ALLOY: 5083
18	2			D060236_FLAT	MIDDLE BLADE SPRING; ..	MARAGING STEEL 250; .....
19	8			D060359-100.0	ADDITIONAL MASS; ..	ST. STEEL: 316
20	2			D060404-000	BLADE CLAMP; (TOP HALF)	ST. STEEL: 303/304/316
21	59				1/4" 20 UNC X 1" CAP HEAD; ..	ST. STEEL: 300 SERIES
22	10				1/4" 20 UNC X 2" CAP HEAD; ..	ST. STEEL: 300 SERIES
23	10				1/4" 20 UNC X 2" CAP HEAD; SPHERICAL TIP; ..	ST. STEEL: 300 SERIES
24	2				1/4" 20 UNC X 0.188" GRUBSCREW; ..	ST. STEEL: 300 SERIES
25	4				3/8 16 UNC X 1.25" CAP HEAD; ..	ST. STEEL: 300 SERIES
26	4				3/8" 16 UNC X 2.25" CAP HEAD; ..	ST. STEEL: 300 SERIES
27	4				3/8 SPHERICAL WASHER; ..	ST. STEEL: 300 SERIES
28	4				PIN; ..	

NOTES: (UNLESS OTHERWISE SPECIFIED)

- REMOVE ALL SHARP EDGES.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. SUCH AS CINCINNATI MILACRON'S CMTTECH 410 (STAINLESS STEEL).
- SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER 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: D060100-001-A VIBRATOR TOOL MAY BE USED.

DIMENSIONS ARE IN mm (INCHES)

TOLERANCES:

ANGULAR ±

FINISH: N/A

DATE: 07/DEC/05

SCALE: 4:51 PROJECTION:

CALIFORNIA INSTITUTE OF TECHNOLOGY  
GLASGOW UNIVERSITY GROUP  
RUTHERFORD APPLETON LABORATORIES

SYSTEM: **ADVANCED LIGO**

SUB-SYSTEM: **SUS**

NEXT ASSY: **QUAD N-PTYPE**

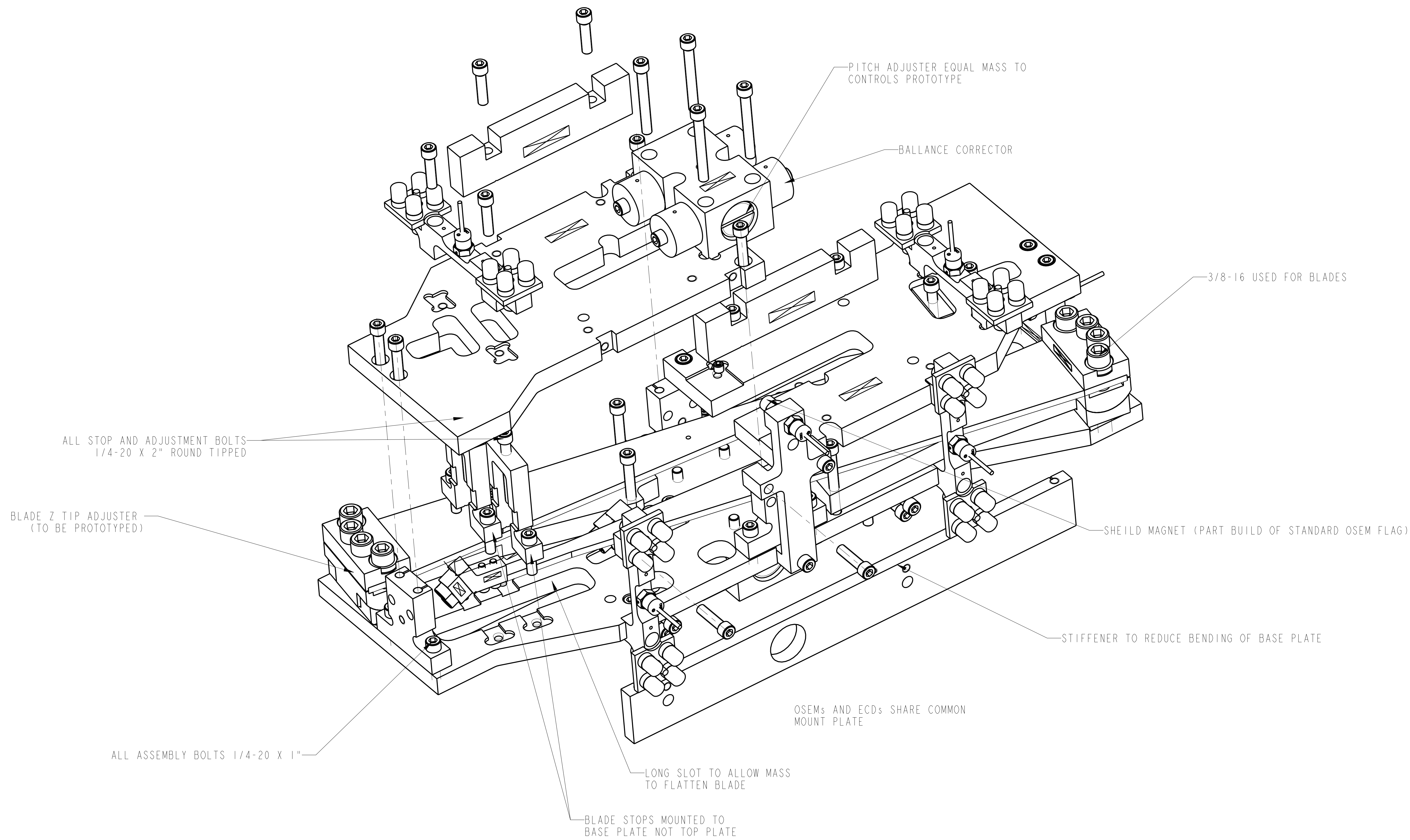
PART NAME: **TOP MASS N-PTYPE GA**

DRG. NO.: **D060403**

APPROVED:

SCALE: 4:51 PROJECTION:

SHEET 1 OF 2



NOTES: (UNLESS OTHERWISE SPECIFIED)

- REMOVE ALL SHARP EDGES. 0.02 MIN.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL).
- SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER 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: 000100-001 - A VIBRATORY TOOL MAY BE USED.

DIMENSIONS ARE IN MM (INCHES)

TOLERANCES:

X.XX ±0.01 (±.0005)

X.XXX ±0.005

ANGULAR ±

MATERIAL: AS BOM

FINISH: N/A

√(um) (10in) Ra: .....

NAME	DATE	SIZE
DRAWN	18/05/04	
CHECKED	07/DEC/05	
APPROVED	07/DEC/05	

SCALE: 4:51 PROJECTION:

CALIFORNIA INSTITUTE OF TECHNOLOGY	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GLASGOW UNIVERSITY GEC ROX GROUP	RUTHERFORD APPLTON LABORATORIES
SYSTEM	ADVANCED LIGO
SUB-SYSTEM	SUS
NEXT ASSY	QUAD N-PTYPE
PART NAME	TOP MASS N-PTYPE GA
DRG. NO.	D060403
SHEET	2 OF 2