



REF	QTY	PART NO.	DESCRIPTION	SUPPLIER
42	1	D970156-B-D	POSITION DETECTOR ASSEMBLY	-
41	2	D970194-A-D	SPACER BLOCK	-
40	1	D970208-B-D	SIDE PLATE BOTTOM	-
39	1	69915K61	STRAIN RELIEF	MCMMASTER-CARR
38	1	3015T26	7/8" TUBE CLAMP	MCMMASTER-CARR
37	4	92196A800	5/8" x 1.75 SHCS	MCMMASTER-CARR
36	4	92141A035	5/8" FLAT WASHER	MCMMASTER-CARR
35	4	98019A530	1.00 SS WASHER	MCMMASTER-CARR
34	4	92196A716	1/2-13 x 1.5 SHCS	MCMMASTER-CARR
33	4	5416K35	HOSE CLAMP	MCMMASTER-CARR
32	1	3016T52	EYEBOLT	MCMMASTER-CARR
31	2	D970204-A-D	CARBIDE RODS	-
30	-	-	-	-
29	5	CD3-6	THRUST WASHER	BERG
28	5	B1000-043-S	BELLEVILLE WASHER	ASSOCIATED SPRING
27	5	90298A712	1/2" x 1.00 LG SHOULDER SCREW	MCMMASTER-CARR
26	-	-	-	-
25	2	D970196-B-D	SIDE PLATE - TOP	-
24	2	D970195-B-D	COVER PLATE	-
23	2	D970209-B-D	SIDE PLATE - BOTTOM	-
22	8	92141A029	1/4 FLAT WASHER	MCMMASTER-CARR
21	8	92196A544	1/4-20 x 1.25 SHCS	MCMMASTER-CARR
20	2	D970201-B-D	SIDE PLATE, REAR	-
19	6	9598K32	5/8 DIA CARBIDE BALL	MCMMASTER-CARR
18	1	3289A63	CARBIDE INSERT	MCMMASTER-CARR
17	1	92403A403	5/8 X 6 WEDGE ANCHOR	MCMMASTER-CARR
16	1	D970202-B-D	GRDUT PLATE	-
15	2	D970206-B-D	SEAL MOUNT - VIEWPORT	-
14	2	CT-6	GORTITE BELLOWS COVER	A & A MANUFACTURING
13	2	D970207-B-D	SEAL MOUNT - LEVER	-
12	20	92196A196	8-32 x 5/8 SHCS	MCMMASTER-CARR
11	2	D970200-B-D	SIDE PLATE - BEAM OUT	-
10	2	Z-222	INSULATION GROMMET	MINDR RUBBER
9	2	D970216-B-D	VIEWPORT RING MOUNT	-
8	8	92949A537	1/4-20 x 1/2" LG BHCS	MCMMASTER-CARR
7	2	D970197-B-D	VIEWPORT ADAPTER PLATE	-
6	1	D970102-B-D	LIGHT SOURCE ASSY.	-
5	1	D970193-A-D	SUPPDRT STAND	-
4	4	92311A716	1/2-13 x 1.5 SETSCREW	MCMMASTER-CARR
3	8	92196A628	3/8-16 x 1.5 SHCS	MCMMASTER-CARR
2	4	D970192-A-D	LINEAR ADJUST PLATE	-
1	1	D970191-B-D	BASE PLATE	-
REF	QTY	PART NO.	DESCRIPTION	SUPPLIER

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

TOLERANCES:  
FRACTIONAL ± 1/16(.16)  
ANGULAR ± 1°  
TWO PLACE DECIMAL ± .01(.025)  
THREE PLACE DECIMAL ± .005(.013)

FINISHED SURFACE RMS 63  
BREAK CORNERS IN: .02  
REMOVE ALL BURRS

MATERIAL: \_\_\_\_\_ HEAT TREAT: \_\_\_\_\_ FINISH: \_\_\_\_\_

USED ON: - NEXT ASSY: -

REV	DESCRIPTION	DCC	SYS	DET	CDS	VE	CC	BT	CHECK	DRWN	DATE
B	CH'D ITEMS 17, 33, 35, AND 37.									MASON	9/98
A	INITIAL RELEASE									MASON	5/98
00	PRE-RELEASE									MASON	6/97

**LIGO**  
CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

OPTICAL LEVER ASSEMBLY  
MMT3  
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CAD FILE: D970190-B.dwg  
SCALE: 1:6

SIZE DWG. NO. D  
SHEET 1 of 1