



REF	QTY	PART or DRWG No.	DESCRIPTION	MATERIAL
17	1	AUTOCOLLIMATOR		
16	1	INSTRUMENT MOUNT	AUTOCOLLIMATOR HOLDER	
15	4	McMASTER#91771A540	1/4-20 X .75 FLAT HEAD PHILLIPS SCREW	ST STEEL
14	1	VELMEC SLIDE MECHANISM	AUTOCOLLIMATOR VERTICLE ADJUSTMENT	
13	1	D990534	BACKPLATE	
12	4	McMASTER#92141A031	3/8 NOM I.D. FLAT WASH (.41idx.88odx.045thk)	ST STEEL
11	4	McMASTER#92186A999	3/8-16 X 7.00 HEX HEAD SCREW	ST STEEL
10	1	D990522	VERTICLE SUPPORT	
9	1	D990513	BRACKET, SLOTTED	
8	12	McMASTER#92141A029	1/4 NOM I.D. FLAT WASH (.28idx.63odx.045thk)	ST STEEL
7	8	McMASTER#92196A544	1/4-20 X 1.25 LONG SHCS	ST STEEL
6	2	D990200	BACKPLATE	
5	12	McMASTER#92141A029	1/4 NOM I.D. FLAT WASH (.28idx.63odx.045thk)	ST STEEL
4	4	McMASTER #91240A029	1/4-20 HEX NUT	ST STEEL
3	4	U-C COMPONENTS #C-2020-NA	1/4-20 X 1.25 LONG SHCS	SILVER PL ST STEEL
2	1	D990523	BRACKET	
1	1	D990521	CROSS BEAM	

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN FEET (cm)	REV	DESCRIPTION	ISSUE DESCRIPTION	DRWN	DATE	CHECK	DATE	SCALE	NTS	SHEET	1 OF 1
				TOLERANCES: FRACTIONAL # ANGULAR/MACH # BEND # TWO PLACE DECIMAL # THREE PLACE DECIMAL # FINISHED SURFACE ONLY BREAK CORNERS IN REMOVE ALL BURRS	A	E990319		CDNLEY	10-7-99						
				DO NOT SCALE THIS DRAWING	00	PRE-RELEASE		CDNLEY	9-7-99						
				USED ON:											
				NEXT ASSY: N/A											

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
**ETM ALIGNMENT
 TOOLING INSTALLATION**
 CAD FILE: D990526-A.dwg
 SIZE: E
 DWG NO: D990526-A
 SCALE: NTS
 SHEET: 1 OF 1