



15	1	SS-43M4-S4-A	BALL VALVE 1/4T-1/4NPT-M		Swagelok	316 SS
14	2	#2-163-70N	O-RING			BUNA - N
13	2	????	Pipe Plug Penetrator 1/2 NPT		Omega	
12	6	95045A033	1/2-13 Heavy Hex Nut		Mc-Master-Carr	AISI 4340 Steel, annealed
11	6	98957A808	1/2-13 UNC-2A Threaded Rod		McMaster-Carr	AISI 4340 Steel, annealed
10	1		Nichrome Wire #24 AWG (.0201)			
9	1	#18650-B	Li-Ion Battery (Panasonic)		PanaSonic	
8	1	FPG1BR,2G,5B,6Q	Gauge Press X-Ducer 0-100psi		Honywell Sensotec	
7	1	#4456K11	P.E. Breather Vent Plug		McMaster-Carr	316 S.S.
6	1	4412T13-150	1/2 Hex Nipple (150psi burst)		McMaster-Carr	Brass
5	2	P-201578-13	Ceramic "V" Block		McMaster-Carr	Glass-Mica Ceramic
4	1	P-201572-13	Sheetmetal Chassis		MBARI	AISI 1020
3	1	P-201579-13	Cylinder Base Ported End Cap		MBARI	AISI 1020
2	1	P-201570-13	Ported End Cap		MBARI	AISI 1020
1	1	P-201569-13	TestTube 6" NOM. SCHD80		mbari	A53 Pipe
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute			
Inspector		1 PLACE DIM ±.1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN J. ERICKSON		10/25/13		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 			
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX. .012 INCHES FOR SINGLE SURFACE.				ENGINEER J. ERICKSON		10/25/13					
Engineer						CHECKED							
						PROJECT NO. 901215							
NEXT ASSY Description		NEXT ASSY Number		PROJECT SAFETY GUIDELINES				Li-Ion BATT. SAFETY Batt. Test Chamber					
Application		DO NOT SCALE DRAWING				WEIGHT 29.557				SIZE B DWG. NO. REV. A-201571-13.DWG			
								SCALE 1:16 CAD FILE: MECH ENG ON TORNADO		SHEET 1 OF 1			