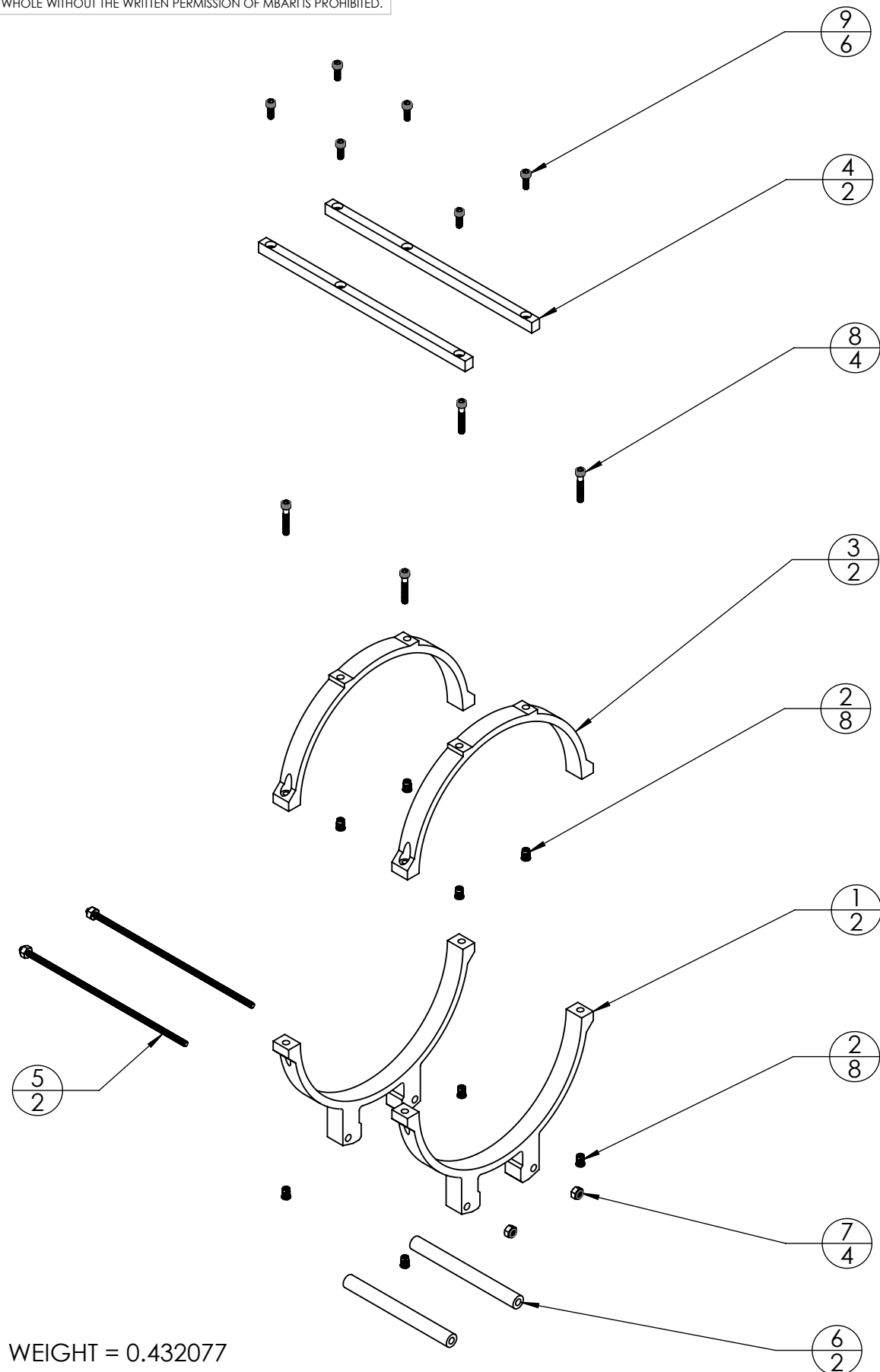


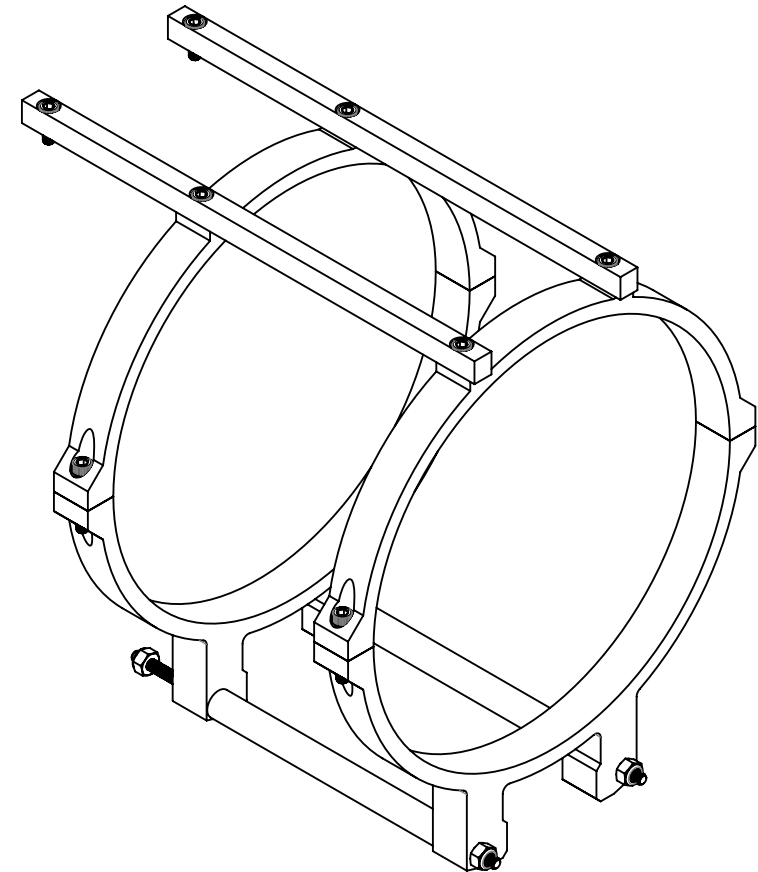
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WATER WEIGHT = 0.432077

7. PROJECT LIBRARYX:\701145 Penguin hotspots\A-221xxx-22_CaseFrmAssem1

NOTES: (CONT. FROM TITLE BLOCK)



9	6	92185A989	#10-32 x 1/2_316 S.S. Sckt Hd Scrw		0.0066	0.00576938	McMaster-Carr Supply Company	316 Stainless Steel
8	4	92185A972	10-32 x 1-1/8_316 S.S. Scket Hd Scrw		0.0111	0.00972481	McMaster-Carr Supply Company	AISI 316
7	4	90715A115	#10-32_316 Stainless Steel Nylon-Insert Locknut		0.006	-0.000778302	McMaster-Carr Supply Company	AISI 316
6	2	1808T121	#10 Delrin Tube		0.038	0.010258	McMaster-Carr	POM Delrin Homopolymer
5	2	98873A100	#10-32 Acetal Threaded Rod		0.009	0.00235472	McMaster-Carr	POM Acetal Copolymer
4	2	P-221702-22	Case Frame Top Bar		0.101	0.043444	MBARI	G-10 Fiberglass Epoxy Laminate Sheet
3	2	P-221637-20	EK80 Belly Band Top		0.148	0.040797	MBARI	Nylon 6/10
2	8	92395A328	#10-32 Brass Shoulder Insert		0.0032	0.0028084	McMaster-Carr	Brass
1	2	P-221638-21	EK80 Belly Band Base		0.237	0.065327	MBARI	Nylon 6/10
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Weight	WaterWeight	Vendor	MATERIAL

BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	J. ERICKSON		
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		
Engineer						CHECKED			
						PROJECT NO.	701145		
NEXT ASSY Description	NEXT ASSY Number					PROJECT	Penguin Hotspots		
Application		DO NOT SCALE DRAWING				WEIGHT	1.199		
						SIZE B	DWG. NO.		REV.
						SCALE 1:12		CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1

Monterey Bay Aquarium Research Institute

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Moss Landing, CA 95039

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REMUS - EK80 ASSEMBLY

Case Frame Assembly

A-221xxx-22.

REV.
A-221xxx-22.DWG