



BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Jannasch 9/15/04			
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER			
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED JE 9/20/04			
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	164jahaNH4manifoldRevA		
		4. MACHINED FILET RADII .0150-.030.				701144	Ammonia Diffusion Cell		
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				PROJECT	164jaha.DWG		
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				LOBO NSF Grant	REV. A		
Application		DO NOT SCALE DRAWING				WEIGHT	SCALE 1:1 CAD FILE: tornado/chem/SWfiles SHEET 1 OF 1		