



| BILL OF MATERIALS     |                  |                                                                                                          |                     |                      |               |             |                               |           |                                                                                                                                                                                               |                                          |  |
|-----------------------|------------------|----------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|-------------|-------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                               |                     |                      |               | APPROVALS   |                               | DATE      |                                                                                                                                                                                               | Monterey Bay Aquarium Research Institute |  |
| Inspector             |                  | 1 PLACE DIM<br>±1/16                                                                                     | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° | DRAWN       | NAME                          | 9/27/00   | <b>MBARI</b><br><b>7700 Sandholdt RD.</b><br><b>Moss Landing, CA 95039</b><br><b>PH: (831) 775-1700</b>  |                                          |  |
| Shop Foreman          |                  | 1. DIMENSIONS ARE IN INCHES                                                                              |                     |                      |               | ENGINEER    | NAME                          | 9/27/00   |                                                                                                                                                                                               |                                          |  |
| Engineer              |                  | 2. DIMENSION LIMITS HELD AFTER PLATING.                                                                  |                     |                      |               | CHECKED     |                               |           |                                                                                                                                                                                               |                                          |  |
|                       |                  | 3. REMOVE BURRS AND SHARP EDGES .015 MAX.                                                                |                     |                      |               |             |                               |           |                                                                                                                                                                                               |                                          |  |
|                       |                  | 4. MACHINED FILLET RADII .0150-.030.                                                                     |                     |                      |               | PROJECT NO. | XXX                           |           | P-200581-08                                                                                                                                                                                   |                                          |  |
| NEXT ASSY Description | NEXT ASSY Number | 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005                                      |                     |                      |               | PROJECT     | ZZZZZZZZ                      |           |                                                                                                                                                                                               |                                          |  |
|                       |                  | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE. |                     |                      |               |             |                               |           |                                                                                                                                                                                               |                                          |  |
| Application           |                  | DO NOT SCALE DRAWING                                                                                     |                     |                      |               | WEIGHT      |                               |           |                                                                                                                                                                                               |                                          |  |
|                       |                  |                                                                                                          |                     |                      |               | SIZE B      | DWG. NO.                      | 100XXXDWG |                                                                                                                                                                                               | REV.                                     |  |
|                       |                  |                                                                                                          |                     |                      |               | SCALE 2:1   | CAD FILE: MECH ENG ON TORNADO |           | SHEET 1 OF 1                                                                                                                                                                                  |                                          |  |