

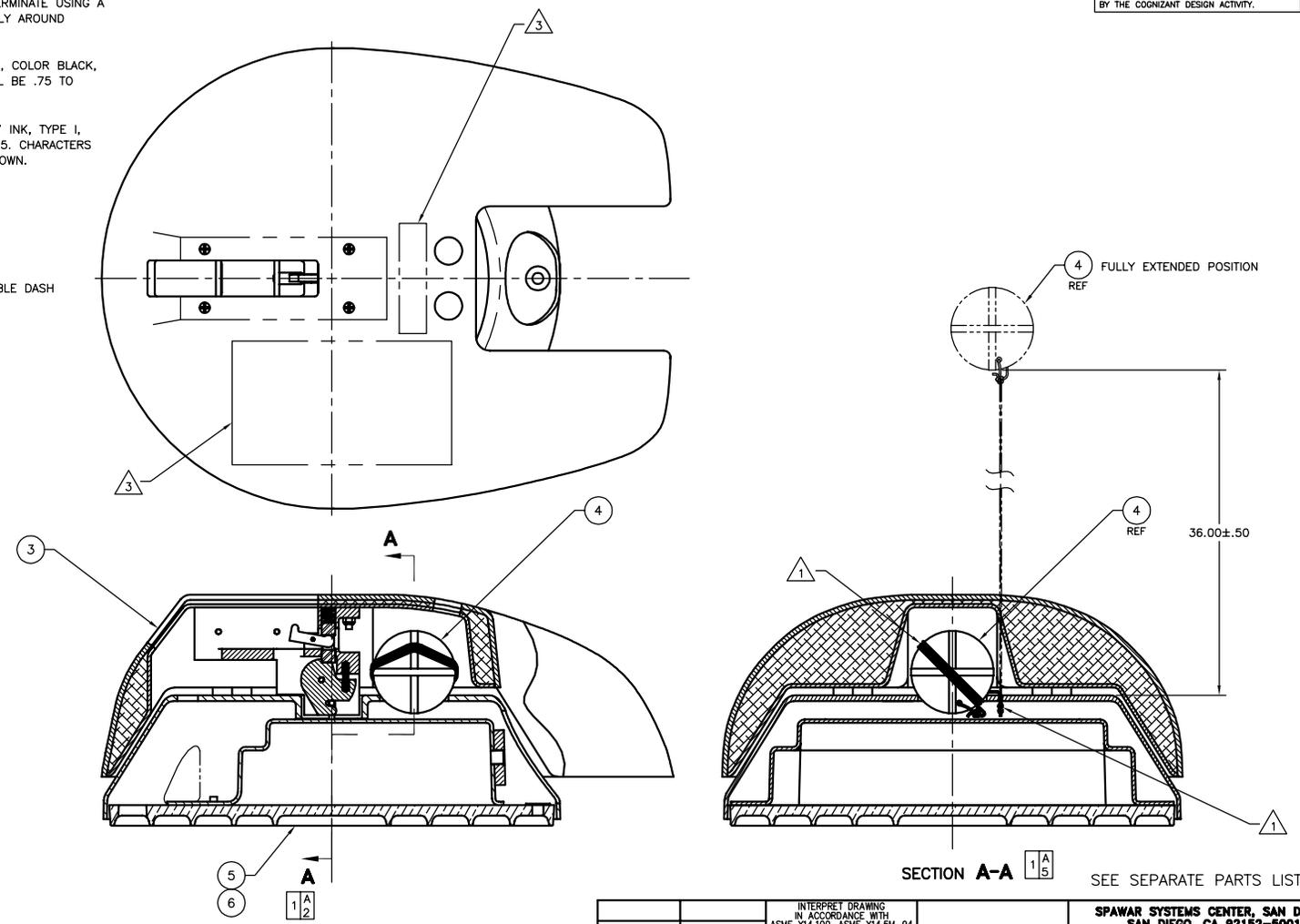
DWG NO.	0206119	SH	1	1
REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
-		INITIAL RELEASE	4-10-03	B.O.

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.

- NOTES:
- 1 INSERT NYLON CORD OF FIND NO 4 REFLECTOR ASSY THROUGH SMALL HOLE IN OUTER SHELL OF PAYLOAD SECTION AND TERMINATE USING A FIGURE EIGHT KNOT. WIND NYLON CHORD DIAGONALLY AROUND REFLECTOR ASSY AND PLACE IN #2.50 HOLE.
  - 2 HAND LETTER USING A PERMANENT FELT TIP MARKER, COLOR BLACK, WITH ASSIGNED SERIAL NUMBER. CHARACTERS SHALL BE .75 TO 1.00 HIGH. LOCATE APPROXIMATELY AS SHOWN.
  - 3 STENCIL THE FOLLOWING MARKINGS USING FIND NO 7 INK, TYPE I, II OR IV, COLOR NO 37038 BLACK PER FED-STD-595. CHARACTERS SHALL BE .38 HIGH. LOCATE APPROXIMATELY AS SHOWN.

\*\*\*CAUTION\*\*\*  
HIGH EXPLOSIVE  
U.S. NAVY PROPERTY. IF FOUND  
CONTACT NAVY SPECIAL CLEARANCE  
TEAM ONE (619) 437-5098

4. IDENTIFY WITH PART NO. "55910-0206119-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.



SECTION A-A 1/5 SEE SEPARATE PARTS LIST

-1 SHOWN  
-2

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Distribution Statement D: Distribution authorized to DoD & U.S. DoD contractors only; Administrative or Operational Use; [T1/18/02]. Other requests shall be referred to Commanding Officer, Space and Naval Warfare Systems Center, San Diego, San Diego CA 92152-5001  
Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

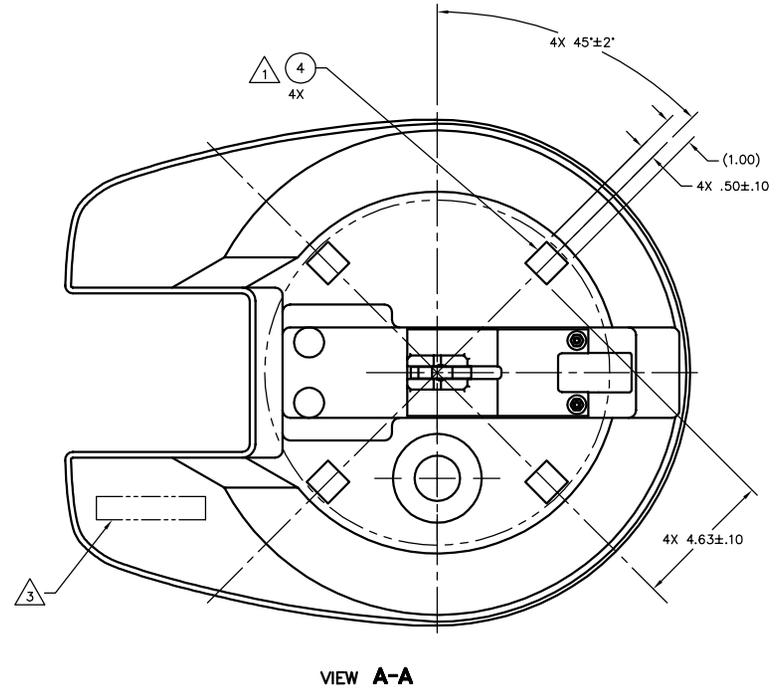
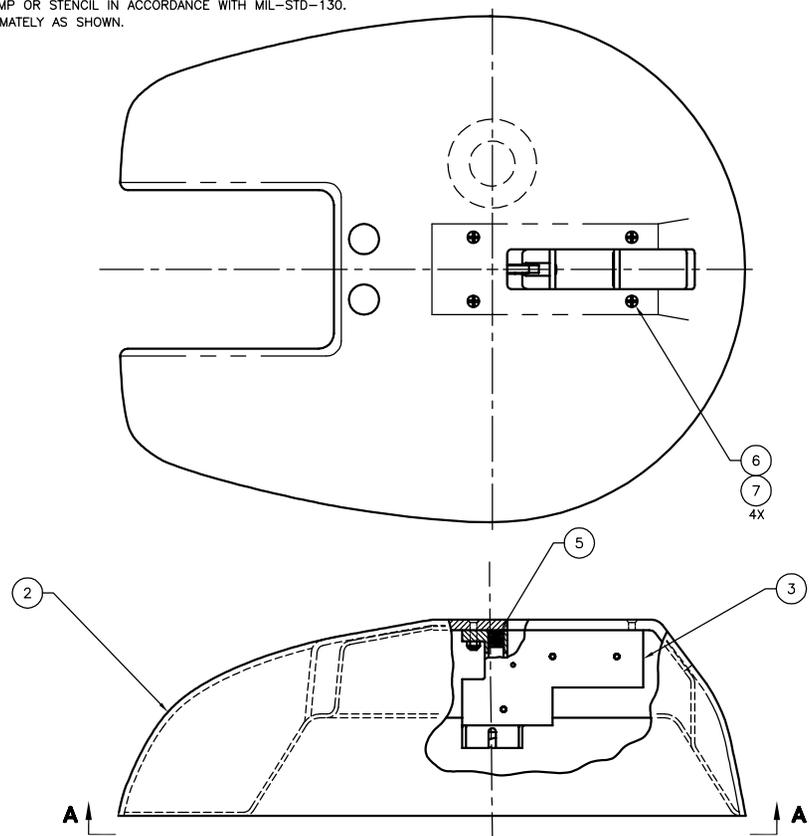
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100, ASME Y14.5M-94 DO NOT SCALE THIS DRAWING		SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001																										
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. BREAK ALL EDGES .015 MAX. REMOVE ALL BURRS. TOLERANCES ARE: .XX ± .03 .XXX ± .010 ANGLES 40°/30' MAX. SURFACE ROUGHNESS ✓		<table border="1"> <tr> <td>PROG MGR</td> <td>B. OLDS</td> <td>4-10-03</td> </tr> <tr> <td>CONFIG MGR</td> <td>F. BORKAT</td> <td>4-10-03</td> </tr> <tr> <td>DESIGN</td> <td>J. ARTHUR</td> <td>4-10-03</td> </tr> <tr> <td>CHECKED</td> <td>K. KRUEGER</td> <td>4-10-03</td> </tr> <tr> <td>PREPARED</td> <td>J. ARTHUR</td> <td>7-1-02</td> </tr> </table>	PROG MGR	B. OLDS	4-10-03	CONFIG MGR	F. BORKAT	4-10-03	DESIGN	J. ARTHUR	4-10-03	CHECKED	K. KRUEGER	4-10-03	PREPARED	J. ARTHUR	7-1-02	<table border="1"> <tr> <td>PROJECT NUMBER</td> <td>SIZE</td> <td>CAGE CODE</td> <td>DRAWING NUMBER</td> <td>REV</td> </tr> <tr> <td>0206115</td> <td>D</td> <td>55910</td> <td>0206119</td> <td>-</td> </tr> </table>	PROJECT NUMBER	SIZE	CAGE CODE	DRAWING NUMBER	REV	0206115	D	55910	0206119	-
PROG MGR	B. OLDS	4-10-03																										
CONFIG MGR	F. BORKAT	4-10-03																										
DESIGN	J. ARTHUR	4-10-03																										
CHECKED	K. KRUEGER	4-10-03																										
PREPARED	J. ARTHUR	7-1-02																										
PROJECT NUMBER	SIZE	CAGE CODE	DRAWING NUMBER	REV																								
0206115	D	55910	0206119	-																								
0206116	MK 7																											
0206115	MK 7																											
NEXT ASSY	USED ON	RELEASED DATE	4-10-03																									
APPLICATION		APPROVED FOR	BY DIRECTION																									
		SCALE 1/2		SHEET 1 OF 1																								



DWG NO. 0206132		SH 1	1	
REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
-		INITIAL RELEASE	11-25-02	TLW

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.

- NOTES:
- 1 INSTALL FN 4 PAD USING FN 8 ADHESIVE. ROUGHEN AND CLEAN MATING SURFACES OF PAD AND FAIRING, PRIOR TO INSTALLING PAD.
  - 2 FAIRING ASSEMBLY SHALL BE LEAK TESTED BY COMPLETELY SUBMERGING IN A MINIMUM OF 1 FT OF FRESH WATER ABOVE TOP OF INVERTED FAIRING FOR 5 HOURS. PRIOR TO SUBMERGING, WEIGH FAIRING. AFTER SUBMERGING FOR 5 HOURS, WIPE DRY AND REWEIGH. FAIRING ASSEMBLY WEIGHT SHALL NOT VARY MORE THAN 1 OZ.
  - 3 IDENTIFY WITH PART NO. "55910-0206132--(APPLICABLE DASH NO.)" BY RUBBER STAMP OR STENCIL IN ACCORDANCE WITH MIL-STD-130. LOCATE APPROXIMATELY AS SHOWN.



VIEW A-A

SEE SEPARATE PARTS LIST

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Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

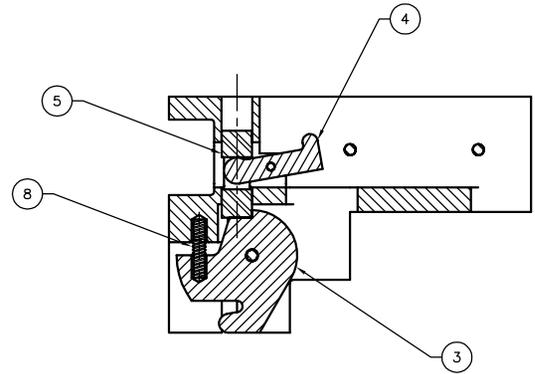
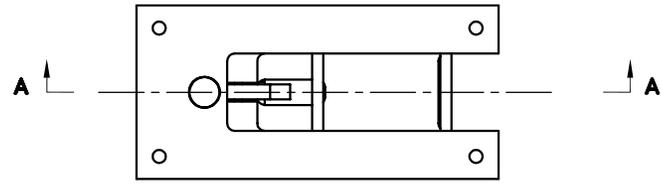
		INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100, ASME Y14.3M-94 DO NOT SCALE THIS DRAWING	SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001		
		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. BREAK ALL EDGES .015 MAX. REMOVE ALL BURRS. TOLERANCES ARE: XX ±.03    .XXX ±.010 ANGLES ±0°30' MAX. FILLETS SURFACE ROUGHNESS ✓ RELEASED DATE	PROG MGR T. WEBBER 11-25-02 CONF MGR E. BAUER 11-25-02 DESIGN J. ARTHUR 11-22-02 CHECKED K. KREUGER 11-22-02 PREPARED J. ARTHUR 11-14-01	FAIRING ASSEMBLY	
0207018	MK 7		PROJECT NUMBER COGNIZANT CODE	SIZE CAGE CODE DRAWING NUMBER	REV
0206119	MK 7		APPROVED FOR BY HALL BY DIRECTION	D 55910 0206132	-
NEXT ASSY USED ON APPLICATION		11-25-02	SCALE 1/2	SHEET 1 OF 1	



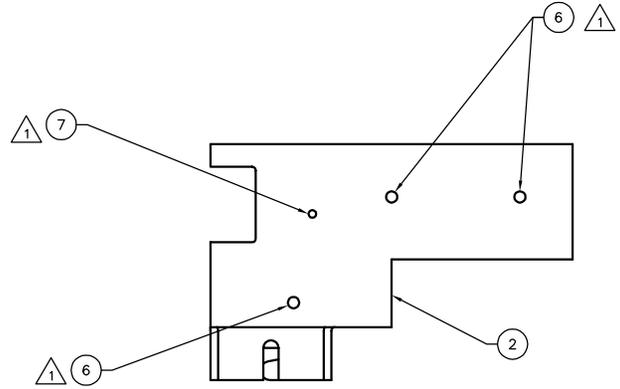
DWG NO. 0206134		SH 1	1	
REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
-		INITIAL RELEASE	11-25-02	TLW

- NOTES:
- 1 STAKE PIN HOLE AS REQUIRED TO RETAIN PIN.
  - 2 IDENTIFY WITH PART NO. "55910-0206134-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM; CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.



SECTION A-A



-1

SEE SEPARATE PARTS LIST

Do not distribute to DTIC or other data depositories.

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INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100, ASME Y14.5M-94 DO NOT SCALE THIS DRAWING		SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001									
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. BREAK ALL EDGES .015 MAX. REMOVE ALL BURRS. TOLERANCES ARE: .XX ±.03 .XXX ±.010 ANGLES 40'30"		PROG MGR T. WEBBER 11-25-02	<table border="1"> <tr> <th>SIZE</th> <th>CAGE CODE</th> <th>DRAWING NUMBER</th> <th>REV</th> </tr> <tr> <td>D</td> <td>55910</td> <td>0206134</td> <td>-</td> </tr> </table>	SIZE	CAGE CODE	DRAWING NUMBER	REV	D	55910	0206134	-
SIZE	CAGE CODE	DRAWING NUMBER		REV							
D	55910	0206134		-							
0206134 MK 7	FILLET MAX. SURFACE ROUGHNESS ✓	DESIGN MGR E. BAUER 11-25-02									
NEXT ASSY USED ON	RELEASED DATE 11-25-02	CHECKED K. KREUGER 11-22-02									
APPLICATION		PREPARED J. ARTHUR 7-25-01	PROJECT NUMBER COGNIZANT CODE								
		APPROVED FOR R. HALL BY DIRECTION	SCALE 1/1 SHEET 1 OF 1								



<b>PARTS LIST</b>		1 DESIGN ACTIVITY <b>SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001</b>					1A CAGE CODE <b>55910</b>		2 <b>PL0206134</b>			3 REV —	4 SHEET 1 OF 1									
		6 LIST TITLE <b>LATCH ASSEMBLY</b>								5 ORIG DATE				7 CONTRACT NO.								
8		PROG MGR		T. WEBBER		11-25-02		9 APPROVED FOR <u>          </u> R. HALL BY DIRECTION					REV		—							
CONFIG MGR		E. BAUER		11-25-02																		
DESIGN		J. ARTHUR		11-22-02																		
CHECKED		K. KREUGER		11-22-02																		
PREPARED		J. ARTHUR		1-17-01																		
								SHT		1												
10 REVISION STATUS OF SHEETS																						
11 FIND NO.	12 QUANTITY REQUIRED					13 CAGE CODE	14 PART OR IDENTIFYING NO.	15 DESCRIPTION OR NOMENCLATURE					16 MATERIAL/SPEC/REF DESG									
1	—					55910	—1	LATCH ASSEMBLY LATCH HOUSING LATCH, ROTARY LEVER, ROD ROD, RETENTION PIN (.188 DIA X 2.75 LG) PIN (.125 DIA X 2.75 LG) SPRING, ROTARY LATCH					316 SST 316 SST INCONEL									
2	1					55910	0206135-1															
3	1					55910	0206136-1															
4	1					55910	0206137-1															
5	1					55910	0206138-1															
6	3					55910	0206149-1															
7	1					55910	0206149-4															
8	1					55910	0207019-1															
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17	LTR		REVISION DESCRIPTION		DATE	APVD	18	LTR		REVISION DESCRIPTION		DATE	APVD	19	LTR		REVISION DESCRIPTION		DATE	APVD		
	—		INITIAL RELEASE		11-25-02	TLW																

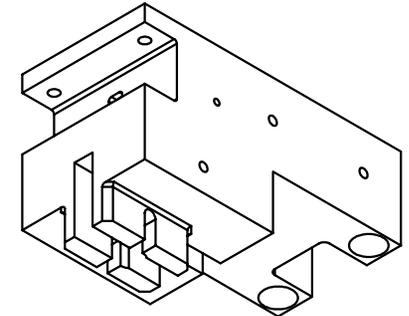
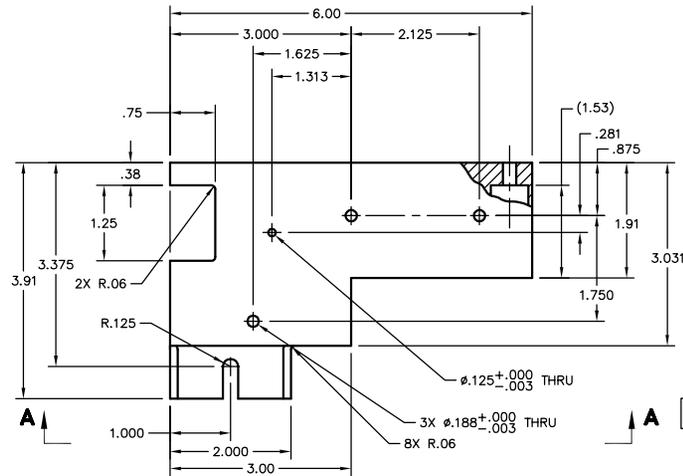
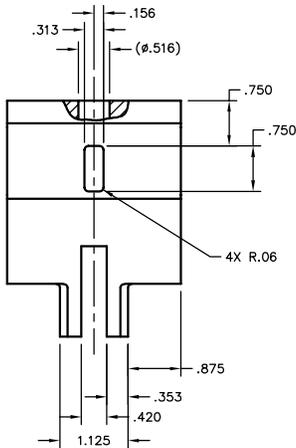
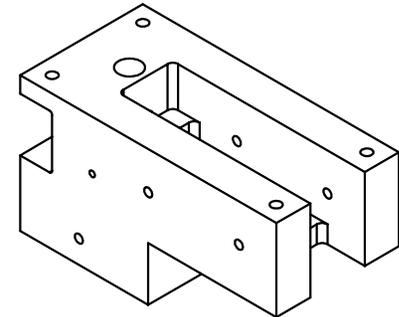
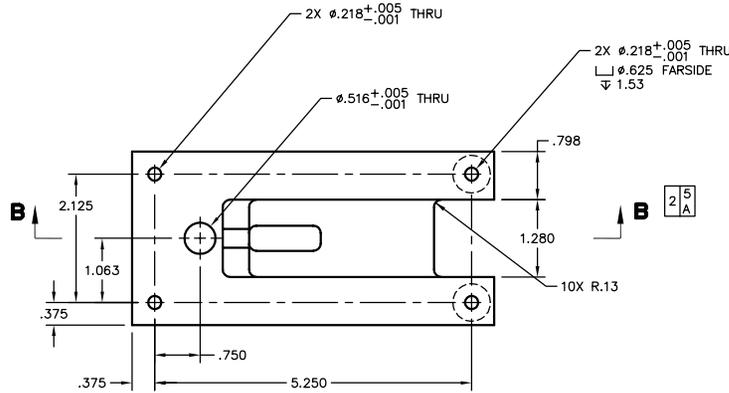
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DWG NO. 0206135		SH 1	
REVISION HISTORY			
ZONE	LTR	DESCRIPTION	DATE
-	-	INITIAL RELEASE	11-25-02
			APPROVED
			TLW

NOTES:

- MATERIAL: POLYPROPYLENE PER ASTM D4101 PP0111, COLOR NATURAL.
- IDENTIFY WITH PART NO. "55910-0206135-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.

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-1

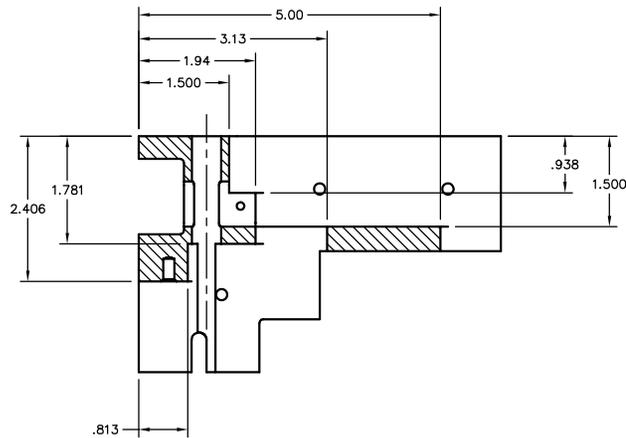
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100, ASME Y14.5M-94 DO NOT SCALE THIS DRAWING		SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. BREAK ALL EDGES .015 MAX. REMOVE ALL BURRS. TOLERANCES ARE: XX ±.03 -XXX ±.010 ANGLES ±0°30' FILLETS MAX. SURFACE ROUGHNESS ✓		PROG MGR T. WEBBER 11-25-02	CONFIG MGR E. BAUER 11-25-02
DESIGN J. ARTHUR 11-22-02		CHECKED K. KREUGER 11-22-02	PREPARED J. ARTHUR 10-31-01
PROJECT NUMBER COGNIZANT CODE		SIZE D	CAGE CODE 55910
APPROVED FOR R. HALL BY DIRECTION		DRAWING NUMBER 0206135	REV -
RELEASED DATE 11-25-02		SCALE 1/1	SHEET 1 OF 2

0206134	MK 7
NEXT ASSY	USED ON
APPLICATION	

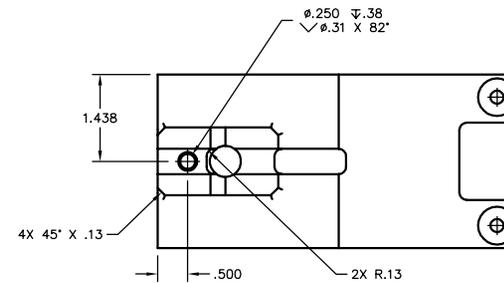
REV 10/02

8 7 6 5 4 3 2 1

DWG NO. 0206135		SH 2		1	
REVISION HISTORY					
ZONE	LTR	DESCRIPTION	DATE	APPROVED	
-	-	INITIAL RELEASE	11-25-02	.TLW	



SECTION B-B 1 3  
C



VIEW A-A 1 3  
A

REV. 9/92

SIZE	CAGE CODE	DRAWING NUMBER	REV
D	55910	0206135	-
SCALE	1/1	SHEET	2

0206135\_02\_-DWG 1

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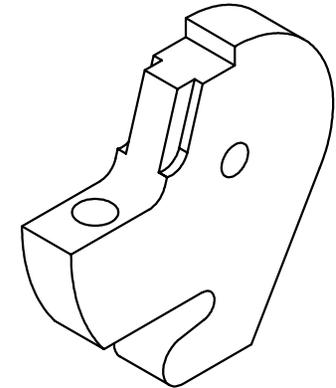
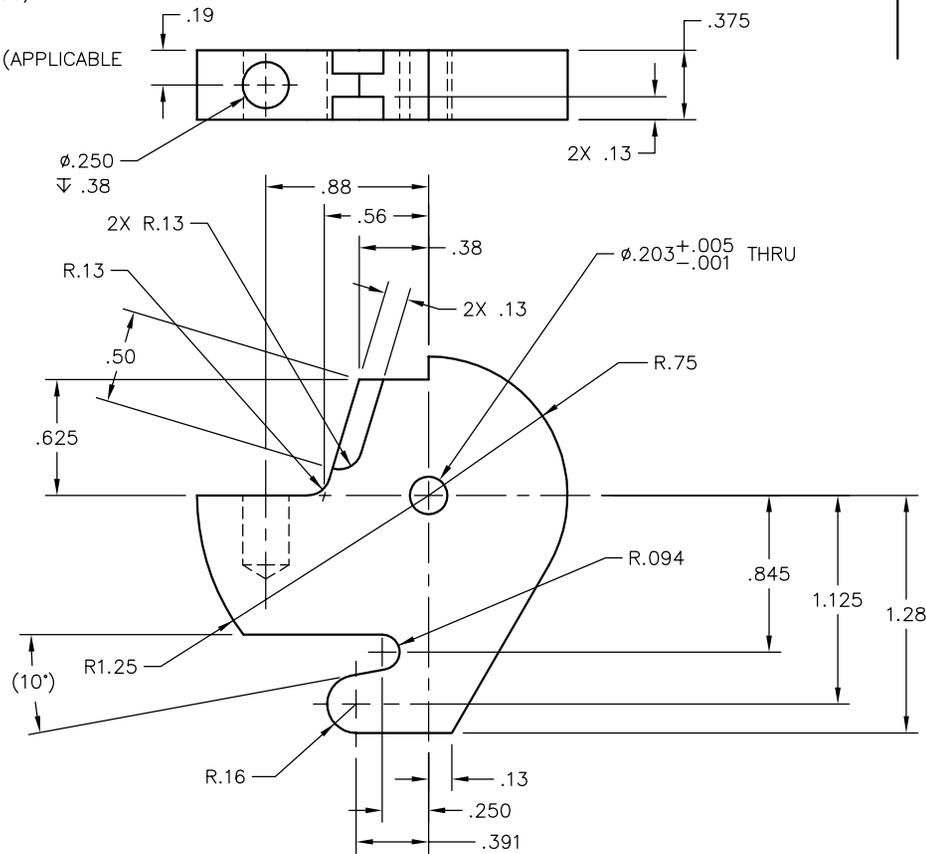
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NOTES:

- 1. MATERIAL: ACETAL PER ASTM D4181 POM111, COLOR NATURAL.
- 2. IDENTIFY WITH PART NO. "55910-0206136-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.

REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

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ISOMETRIC VIEW

-1

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES BREAK ALL EDGES .015 MAX REMOVE ALL BURRS TOLERANCES ARE: .XX± .03 .XXX± .010 ANGLES± 0°30' FILLETS MAX		INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100 AND ASME Y14.5M-94	
0206134	MK 7	PROG. T. WEBBER 11-25-02	CONFIG E. BAUER 11-25-02
NEXT ASSY	USED ON	DESIGN J. ARTHUR 11-22-02	CHKD K. KREUGER 11-22-02
APPLICATION		PREP J. ARTHUR 10-17-00	PROJ NO
SURFACE ROUGHNESS ✓		APPROVED FOR R. HALL	SCALE C
		RLSE DATE 11-25-02	CAGE CODE 55910
		BY DIRECTION	DWG NO. 0206136
			REV -
			SHEET 1 OF 1

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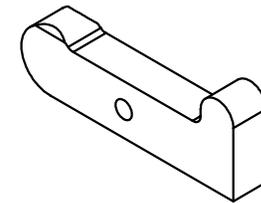
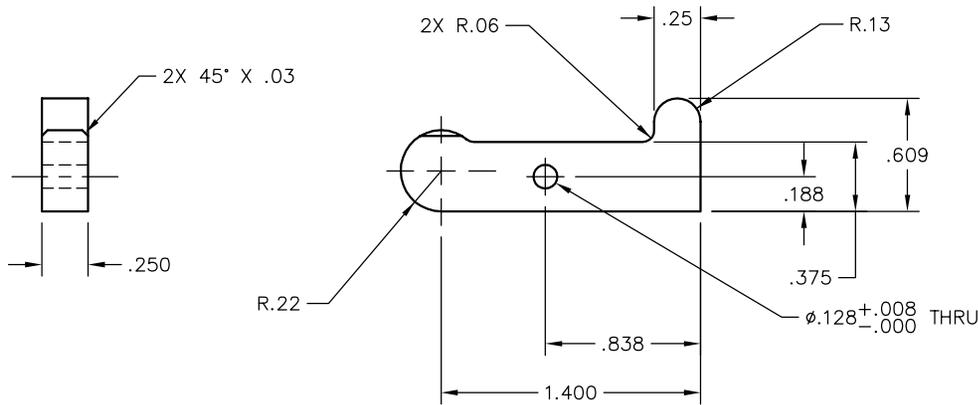
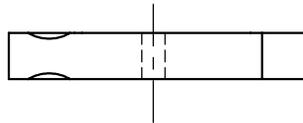
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REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

NOTES:

1. MATERIAL: ACETAL PER ASTM D4181 POM111, COLOR NATURAL.
2. IDENTIFY WITH PART NO. "55910-0206137-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.

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ISOMETRIC VIEW

-1

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DO NOT SCALE THIS DRAWING

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 BREAK ALL EDGES .015 MAX  
 REMOVE ALL BURRS  
 TOLERANCES ARE:  
 .XX± .03 .XXX± .010  
 ANGLES± 0°30'  
 FILLETS MAX

SURFACE ROUGHNESS ✓

SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001

INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100 AND ASME Y14.5M-94

PROG.	T. WEBBER	11-25-02
CONFIG	E. BAUER	11-25-02
DESIGN	J. ARTHUR	11-22-02
CHKD	K. KREUGER	11-22-02
PREP	J. ARTHUR	12-20-00

LEVER, ROD

PROJ NO  
COG COD  
RLSE DATE 11-25-02

APPROVED FOR  
BY DIRECTION  
R. HALL

SIZE  
SCALE 2/1  
CAGE CODE  
55910

DWG NO.  
0206137

REV  
-

SHEET 1 OF 1

4

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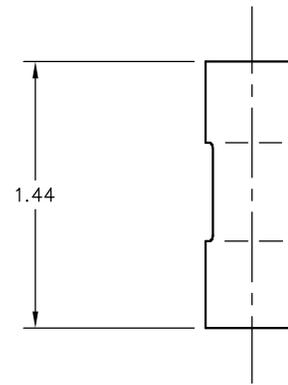
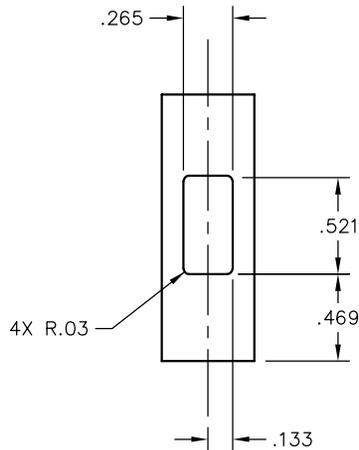
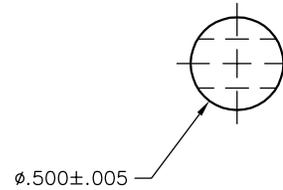
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NOTES:

- 1. MATERIAL: ACETAL PER ASTM D4181 POM111, COLOR NATURAL.
- 2. IDENTIFY WITH PART NO. "55910-0206138-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.

REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

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-1



ISOMETRIC VIEW

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 DIMENSIONS ARE IN INCHES  
 BREAK ALL EDGES .015 MAX  
 REMOVE ALL BURRS  
 TOLERANCES ARE:  
 .XX ± .03 .XXX ± .010  
 ANGLES ± 0°30'  
 FILLETS MAX

SURFACE ROUGHNESS ✓

SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001

INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100 AND ASME Y14.5M-94

PROG.	T. WEBBER	11-25-02
CONFIG	E. BAUER	11-25-02
DESIGN	J. ARTHUR	11-25-02
CHKD	K. KREUGER	11-25-02
PREP	J. ARTHUR	12-20-00

ROD, RETENTION

PROJ NO

APPROVED FOR

SIZE

CAGE CODE

DWG NO.

REV

COG COD

R. HALL

C

55910

0206138

-

RLSE DATE

11-25-02

SCALE

2/1

SHEET 1 OF 1

0206134	MK 7
NEXT ASSY	USED ON
APPLICATION	

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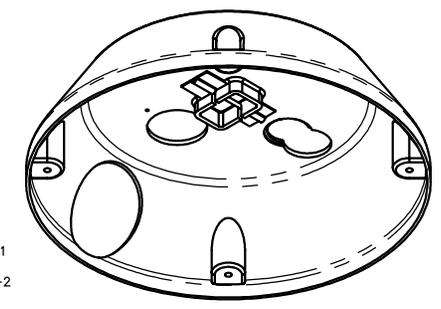
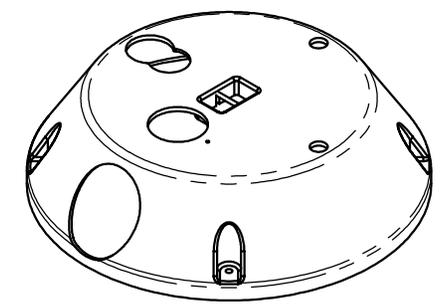
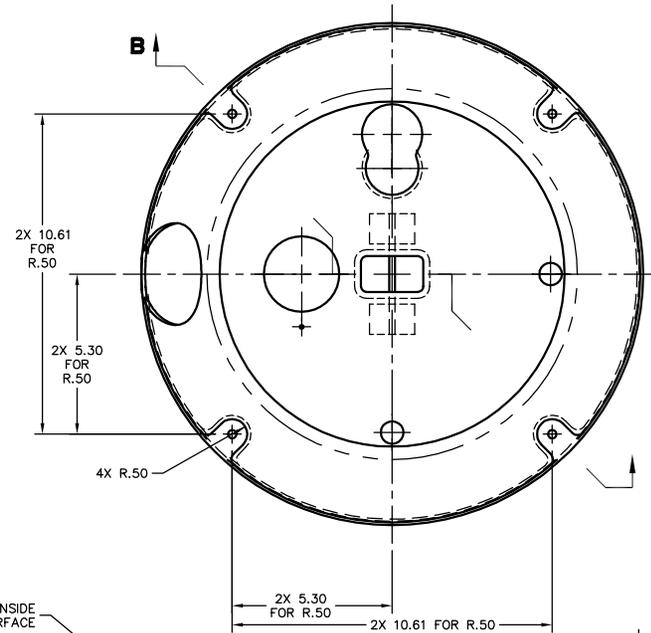
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DWG NO. 0206140		SH 1		1	
REVISION HISTORY					
ZONE	LTR	DESCRIPTION	DATE	APPROVED	
-	-	INITIAL RELEASE	3-5-03	A.L.	

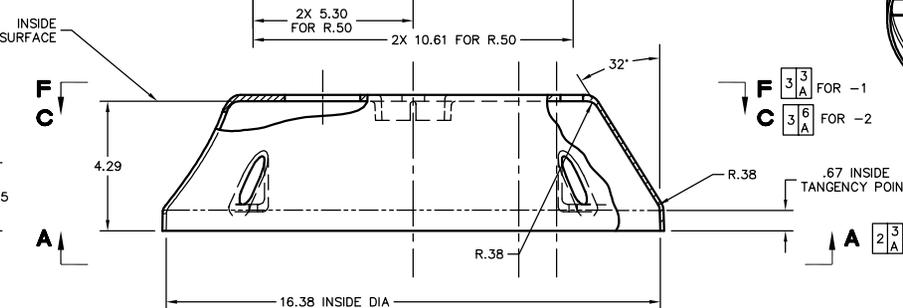
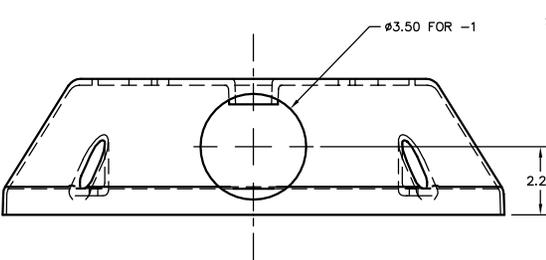
NOTES:

- THIS HOUSING IS DESIGNED TO BE MANUFACTURED USING RESIN TRANSFER MOLDED (RTM) PROCESS.
- LAYUP SCHEDULE:
  - FIND NO. 2 GELCOAT, 15-20 MILS THICK, COLOR NO. 23655 YELLOW PER FED-STD-595.
  - FIND NO. 3 COMBIFLOW.
  - FIND NO. 5 12 OZ BIAXIAL E-GLASS ON INSIDE OF TOP SURFACE INCLUDING LATCH ROD APERTURE.
  - FIND NO. 7 TAPE WITH VINYLESTER RESIN IN SCREW RECESS AREAS.
  - CLOSE MOLD AND INFUSE WITH FIND NO. 4 RESIN AND PIGMENT COLOR NO. 23655 YELLOW PER FED-STD-595.
- TRANSITION AREA BETWEEN VARYING THICKNESSES OPTIONAL.
- ALL DRAFT ANGLES SHALL BE 1.5°±1', UNLESS OTHERWISE SPECIFIED.
- INSTALL FIND NO. 6 ROD USING FIND NO. 7 TAPE AND VINYLESTER RESIN. ROD SHALL BE PASSIVATED PER SAE-AMS-QQ-P-35, TYPE VI, PRIOR TO INSTALLATION.
- IDENTIFY WITH PART NO. "55910-0206140-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.



**ISOMETRIC VIEWS**  
-1 SHOWN  
SCALE NONE



**-1 SHOWN**  
**-2**

SEE SEPARATE PARTS LIST

Do not distribute to DTIC or other data depositories.

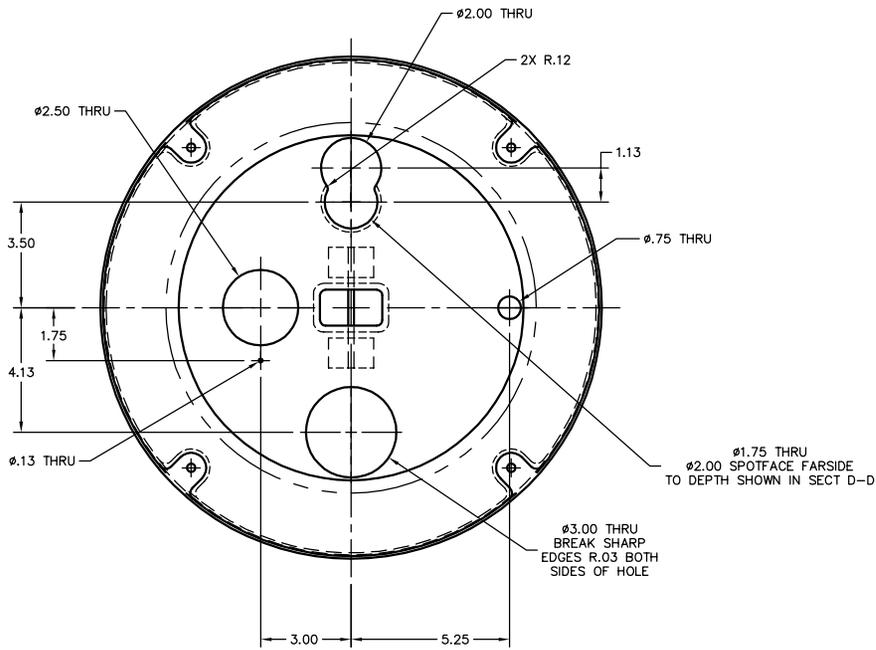
Distribution Statement D: Distribution authorized to DoD & U.S. DoD contractors only; Administrative or Operational Use; [11/18/02]. Other requests shall be referred to Commanding Officer, Space and Naval Warfare Systems Center, San Diego, San Diego CA 92152-5001

Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

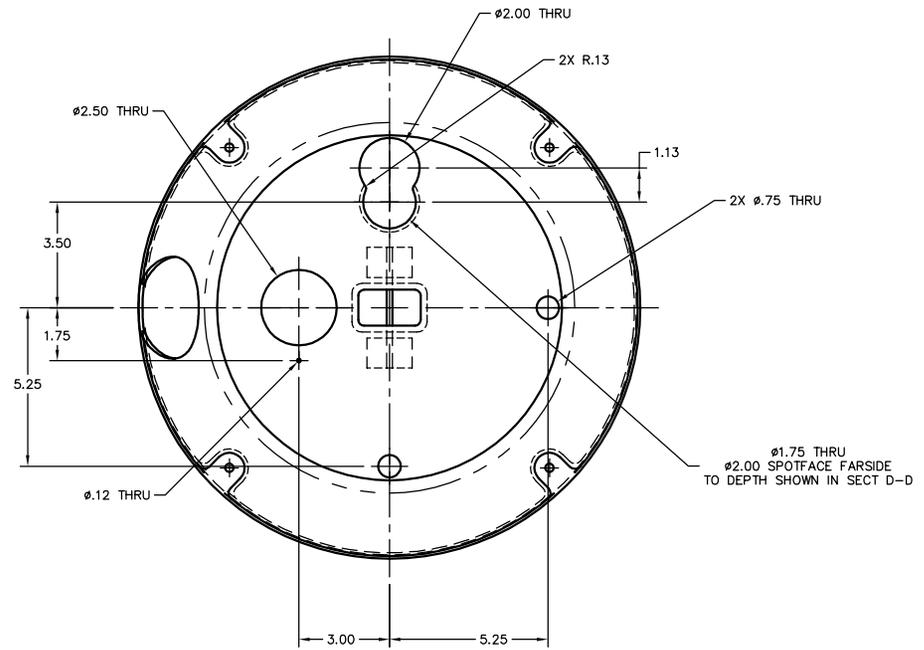
INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100, ASME Y14.5M-94 DO NOT SCALE THIS DRAWING		PROG MGR A. LEWIS 3-5-03		SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. BREAK ALL EDGES .015 MAX. REMOVE ALL BURRS. TOLERANCES ARE: .XX ±.03 .XXX ±.010 ANGLES 40'30' MAX. FILLETS SURFACE ROUGHNESS ✓		CONFIG MGR F. BORKAT 3-5-03		HOUSING, PAYLOAD SECTION	
0206139	MK 7	DESIGN J. ARTHUR 3-5-03	PROJECT NUMBER 0206140		
0207012	MK 7	CHECKED K. KRUEGER 3-5-03	CAGE CODE 55910		
NEXT ASSY USED ON APPLICATION		PREPARED J. ARTHUR 8-1-01	DRAWING NUMBER 0206140		
RELEASED DATE 3-5-03		PROJECT NUMBER COGNIZANT CODE		SIZE D	REV -
		APPROVED FOR R. HALL BY DIRECTION		SCALE 2/1	SHEET 1 OF 3



DWG NO. 0206140		SH 3		1	
REVISION HISTORY					
ZONE	LTR	DESCRIPTION	DATE	APPROVED	
-	-	INITIAL RELEASE	3-5-03	A.L.	



VIEW C-C 1/3  
B  
FOR -2



VIEW F-F 1/3  
B  
FOR -1

SIZE	CAGE CODE	DRAWING NUMBER	REV
D	55910	0206140	-
SCALE	1/2	SHEET	3

0206140\_03\_-DWG 1

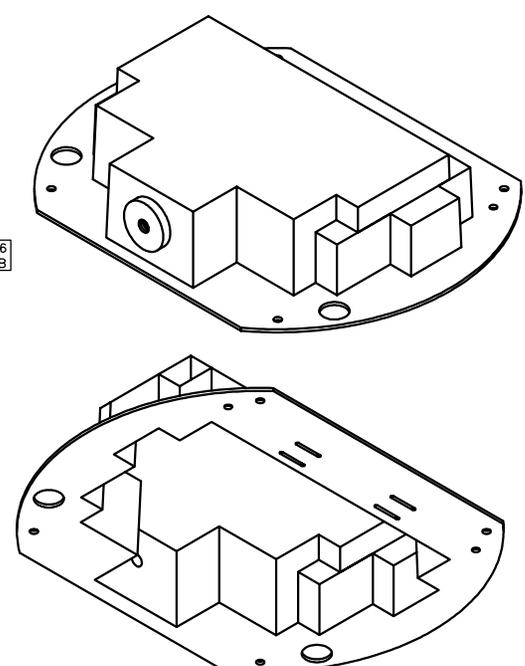
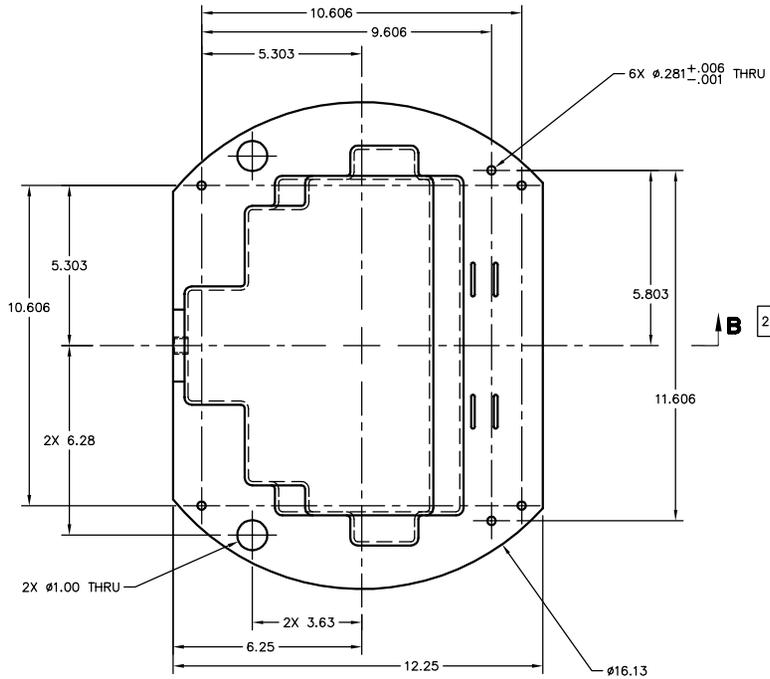


DWG NO. 0206144		SH 1		1	
REVISION HISTORY					
ZONE	LTR	DESCRIPTION	DATE	APPROVED	
-	-	INITIAL RELEASE	12-4-02	TLW	

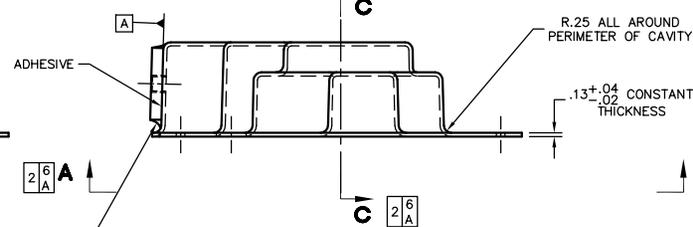
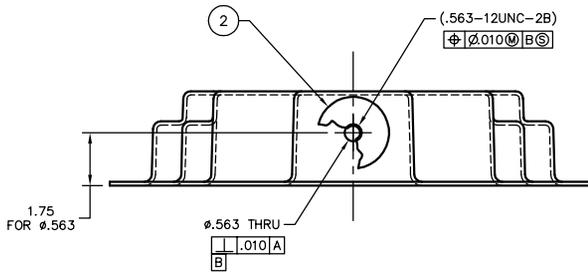
THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.

NOTES:

- THIS EXPLOSIVE TRAY IS DESIGNED TO BE MANUFACTURED USING RESIN TRANSFER MOLDED (RTM) PROCESS.
- LAYUP SCHEDULE:
  - FIND NO. 4 GELCOAT, 15-20 MILS THICK, COLOR NO. 27880 WHITE PER FED-STD-595.
  - FIND NO. 5 COMBIFLOW.
  - CLOSE MOLD AND INFUSE WITH FIND NO. 6 RESIN.
  - BOND FIND NO. 2 MOUNT USING VINYLESTER ADHESIVE.
- ALL INSIDE CORNERS AND FILLETS SHALL BE .13, EXCEPT AS NOTED.
- ALL DRAFT ANGLES SHALL BE 1.5°±1'.
- IDENTIFY WITH PART NO. "55910-0206144-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.



ISOMETRIC VIEWS



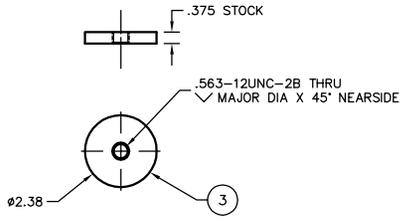
SEE SEPARATE PARTS LIST

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 Distribution Statement D: Distribution authorized to DoD & U.S. DoD contractors only; Administrative or Operational Use; [11/18/02]. Other requests shall be referred to Commanding Officer, Space and Naval Warfare Systems Center, San Diego, San Diego CA 92152-5001.  
 Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

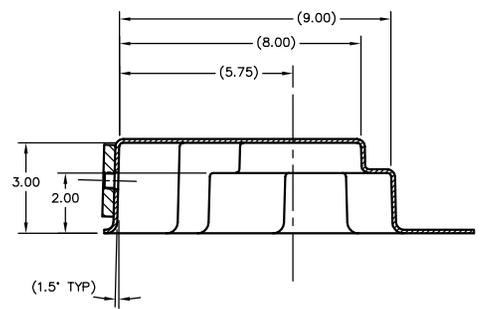
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REVISION	REVISION STATUS OF SHEETS	APPLICATION	INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100, ASME Y14.5M-94 DO NOT SCALE THIS DRAWING	PROG MGR T. WEBBER 12-4-02	<b>SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001</b>  <b>EXPLOSIVE TRAY- MK 62</b>	SIZE	CAGE CODE	DRAWING NUMBER	REV
2	1	SHEET	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. BREAK ALL EDGES .015 MAX. REMOVE ALL BURRS. TOLERANCES ARE: .XX ±.03 .XXX ±.010 ANGLES 40'30' MAX. FILLETS SURFACE ROUGHNESS ✓	CONFIG MGR E. BAUER 11-28-02		D	55910	0206144	-
			0207012 MK 7	DESIGN J. ARTHUR 11-28-02		SCALE	2/1		SHEET 1 OF 2
			NEXT ASSY USED ON	CHECKED K. KREUGER 11-28-02					
			RELEASED DATE	PREPARED J. ARTHUR 8-30-01	PROJECT NUMBER				
				APPROVED FOR BY HALL BY DIRECTION	COGNIZANT CODE				

DWG NO. 0206144		SH 2	1	
REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
-	-	INITIAL RELEASE	12-4-02	TLW

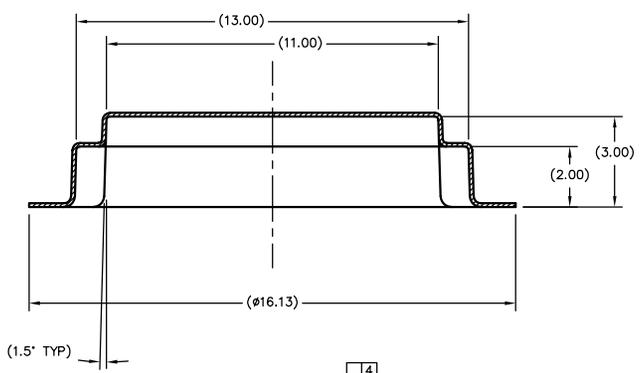


**-2**

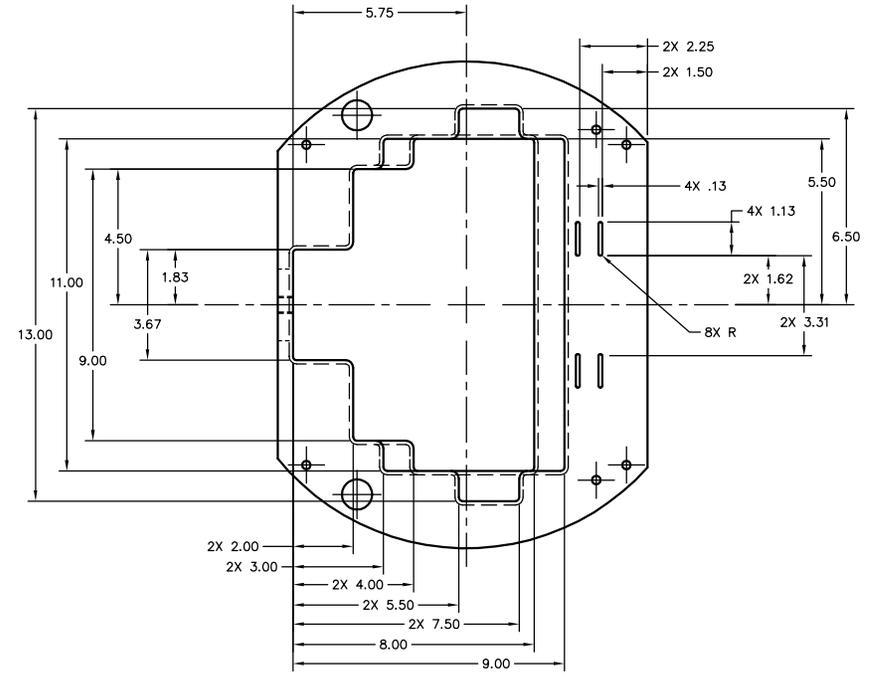


SECTION **B-B** 1 3  
C

NOTE: ALL CAVITY DIMENSIONS ARE TO INSIDE SURFACE



SECTION **C-C** 1 4  
A



VIEW **A-A** 1 3  
A

NOTE: ALL CAVITY DIMENSIONS ARE TO INSIDE SURFACE

SIZE	CAGE CODE	DRAWING NUMBER	REV
D	55910	0206144	-
SCALE	1/2	SHEET	2

0206144\_02\_-DWG 1



<b>PARTS LIST</b>	1 DESIGN ACTIVITY <b>SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001</b>			1A CAGE CODE <b>55910</b>	2 <b>PL0206144</b>	3 REV —	4 SHEET 1 OF 1
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6 LIST TITLE <b>EXPLOSIVE TRAY - MK 62</b>				5 ORIG DATE			
8 PROG MGR T. WEBBER 12-4-02				9 APPROVED FOR R. HALL			
CONFIG MGR E. BAUER 11-26-02				BY DIRECTION			
DESIGN J. ARTHUR 11-26-02				REV -			
CHECKED K. KREUGER 11-26-02				SHT 1			
PREPARED J. ARTHUR 8-30-01				10 REVISION STATUS OF SHEETS			

11 FIND NO.	12 QUANTITY REQUIRED					13 CAGE CODE	14 PART OR IDENTIFYING NO.	15 DESCRIPTION OR NOMENCLATURE	16 MATERIAL/SPEC/REF DESG
	-1	-2							
1	-					55910	-1	EXPLOSIVE TRAY - MK 62	
2	1	-				55910	-2	MOUNT, FIRING DEVICE	
3		1					GPO-1	PLASTIC, LAMINATED, GENERAL PURPOSE	PLASTIC
4	AR						379 NPG	ISO GELCOAT	SEE PL NOTE 1
5	AR						A31450	COMBIFLOW	SEE PL NOTE 2
6	AR						9817-13006	RESIN, ISOPHTHALIC POLYESTER	SEE PL NOTE 1
7									
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NOTES:  
 1. ADVANCE COATINGS CO., WESTMINSTER, MA 01473.  
 2. ALHSTROM, FIBERCOMPOSITES DIVISION, TWO ELM ST,  
 WINDSOR LOCKS, CT 06096.

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Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.

17 LTR	REVISION DESCRIPTION	DATE	APVD	18 LTR	REVISION DESCRIPTION	DATE	APVD	19 LTR	REVISION DESCRIPTION	DATE	APVD		
-	INITIAL RELEASE	12-4-02	TLW										
												0207012	MK 7
												NEXT ASSY	USED ON
												20 APPLICATION	



4

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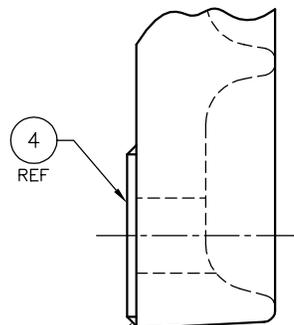
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THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.

REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

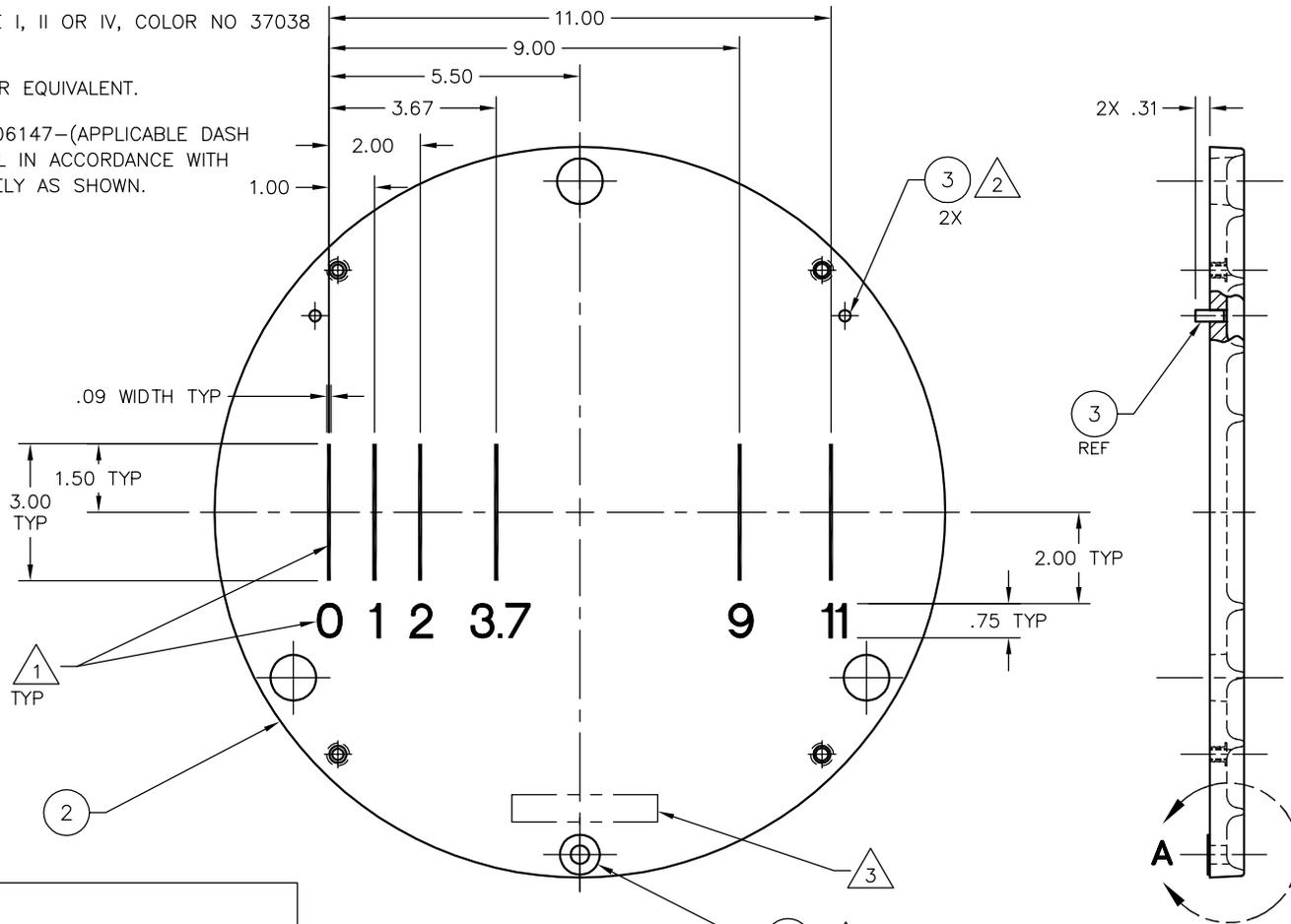
NOTES:

- 1 STENCIL USING FIND NO 6 INK, TYPE I, II OR IV, COLOR NO 37038 BLACK PER FED-STD-595.
- 2 INSTALL USING FIND NO. 5 EPOXY OR EQUIVALENT.
- 3 IDENTIFY WITH PART NO. "55910-0206147-(APPLICABLE DASH NO.)" BY RUBBER STAMP OR STENCIL IN ACCORDANCE WITH MIL-STD-130. LOCATE APPROXIMATELY AS SHOWN.



APPLY BEAD OF EPOXY AROUND PERIMETER OF WASHER

VIEW A  
SCALE: 2/1



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Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

DO NOT SCALE THIS DRAWING

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 BREAK ALL EDGES .015 MAX  
 REMOVE ALL BURRS  
 TOLERANCES ARE:  
 .XX± .03 .XXX± .010  
 ANGLES± 0°30'  
 FILLETS MAX  
 SURFACE ROUGHNESS ✓

INTERPRET DRAWING  
 IN ACCORDANCE WITH  
 ASME Y14.100 AND  
 ASME Y14.5M-94

PROG.	T. WEBBER	11-25-02
CONFIG	E. BAUER	11-25-02
DESIGN	J. ARTHUR	11-22-02
CHKD	K. KREUGER	11-22-02
PREP	J. ARTHUR	11-15-01

PROJ NO  
 COG COD  
 RLSE DATE 11-25-02

APPROVED FOR  
 R. HALL  
 BY DIRECTION

SIZE  
 CAGE CODE  
 SCALE 1/2

DWG NO.  
 0206147

REV  
 -  
 SHEET 1 OF 1

SEE SEPARATE PARTS LIST

SPAWAR SYSTEMS CENTER, SAN DIEGO,  
SAN DIEGO, CA 92152-5001

BASE PLATE ASSEMBLY

4

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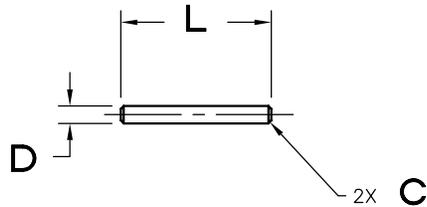
REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.

## NOTES:

- MATERIAL: (SEE TABLE)
-  PASSIVATE PER SAE-AMS-QQ-P-35, TYPE VI.
- IDENTIFY WITH PART NO. "55910-0206149-(APPLICABLE DASH NO.)" BY BAG IN ACCORDANCE WITH MIL-STD-130.

DASH NO.	DIMENSION			MATERIAL	FINISH
	L	D	C		
-1	2.75	ø.187-.189	45° X .03	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	
-2	1.50	ø.187-.189	45° X .03	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	
-3	1.13	ø.124-.126	45° X .03	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	
-4	2.75	ø.124-.126	45° X .03	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	
-5	1.50	ø.124-.126	45° X .03	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	
-6	1.13	ø.187-.189	45° X .03	ACETAL PER ASTM D4181 POM111, COLOR NATURAL	NONE
-7	.63	ø.249-.251	45° X .03	464 NAVAL BRASS PER ASTM B21	NONE
-8	1.25	ø.187-.189	45° X .03	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	
-9	4.75	ø.187-.189	45° X .03	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	
-10	1.69	ø.249-.251	45° X .03	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	
-11	.94	ø.249-.251	45° X .03	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	
-12	5.25	ø.063	45° X .01	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	
-13	1.00	ø.124-.126	45° X .03	316 STAINLESS STEEL PER SAE-AMS-QQ-S-763 COND A	



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Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

DO NOT SCALE THIS DRAWING				SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001					
		0206134	MK 7	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES BREAK ALL EDGES .015 MAX REMOVE ALL BURRS TOLERANCES ARE: .XX± .03 .XXX± .010 ANGLES± 0°30' FILLETS MAX SURFACE ROUGHNESS ✓	INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100 AND ASME Y14.5M-94	PROG. T. WEBBER 11-25-02	PIN		
		0206188	MK 7			CONFIG E. BAUER 11-25-02			
0206147	MK 7	0206118	MK 7			DESIGN J. ARTHUR 11-22-02			
0206201	MK 7	0206117	MK 7			CHKD K. KREUGER 11-22-02			
NEXT ASSY	USED ON	NEXT ASSY	USED ON			PREP J. ARTHUR 10-23-01			
APPLICATION		APPLICATION		PROJ NO	APPROVED FOR	SIZE	CAGE CODE	DWG NO.	REV
				COG COD	R. HALL	C	55910	0206149	-
				RLSE DATE	BY DIRECTION	SCALE NONE		SHEET 1 OF 1	
				11-25-02					

REV 10/02

4

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0206149\_01\_-.DWG

DWG NO. 0206149

SH 1

A

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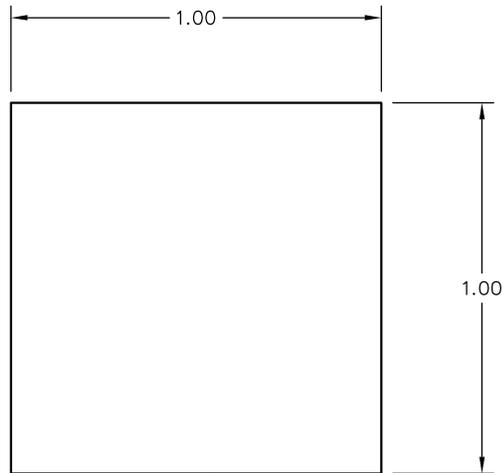
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REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

NOTES:

- MATERIAL: SILICONE FOAM RUBBER, TEXTURED SKIN, FIRMNESS RATING 4-5, COLOR ORANGE-RED.
- IDENTIFY WITH PART NO. "55910-0206160-(APPLICABLE DASH NO.)" BY BAG IN ACCORDANCE WITH MIL-STD-130.

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.



-1

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Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

DO NOT SCALE THIS DRAWING

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 BREAK ALL EDGES .015 MAX  
 REMOVE ALL BURRS  
 TOLERANCES ARE:  
 .XX± .03 .XXX± .010  
 ANGLES± 0°30'  
 FILLETS MAX

SURFACE ROUGHNESS ✓

SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001

INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100 AND ASME Y14.5M-94

PROG.	T. WEBBER	11-25-02
CONFIG	E. BAUER	11-25-02
DESIGN	J. ARTHUR	11-22-02
CHKD	K. KREUGER	11-22-02
PREP	J. ARTHUR	1-19-01

PAD, SPACER

PROJ NO	APPROVED FOR	SIZE	CAGE CODE	DWG NO.	REV
COG COD	R. HALL	C	55910	0206160	-
RLSE DATE	BY DIRECTION	SCALE 4/1		SHEET 1 OF 1	
11-25-02					

0206132	MK 7
NEXT ASSY	USED ON
APPLICATION	

4

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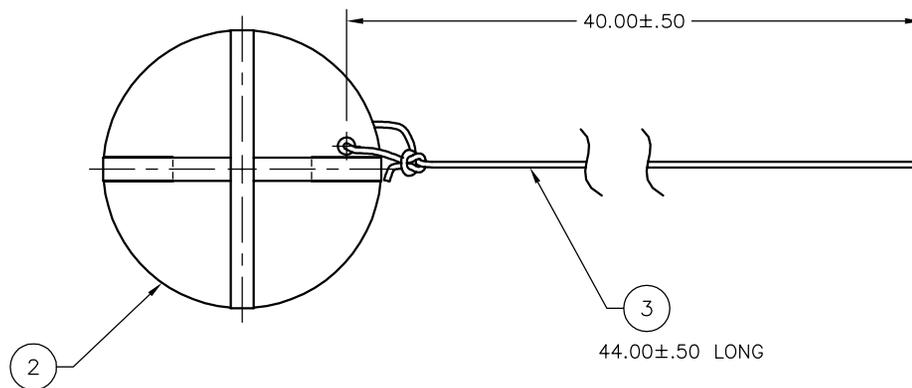
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REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

NOTES:

1. ATTACH FIND NO. 3 CORD TO FIND NO. 2 REFLECTOR USING A BOWLINE KNOT. ENDS SHALL BE SEIZED TO PREVENT UNRAVELING.
2. IDENTIFY WITH PART NO. "55910-0206190-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.



-1

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Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

SEE SEPARATE PARTS LIST

		DO NOT SCALE THIS DRAWING			SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001	
		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES BREAK ALL EDGES .015 MAX REMOVE ALL BURRS TOLERANCES ARE: .XX± .03 .XXX± .010 ANGLES± 0°30' FILLETS MAX			INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100 AND ASME Y14.5M-94	
0207018	MK 7	PROG.	T. WEBBER	11-25-02	REFLECTOR ASSEMBLY	
0206119	MK 7	CONFIG	E. BAUER	11-25-02		
NEXT ASSY	USED ON	DESIGN	J. ARTHUR	11-22-02		
APPLICATION		CHKD	K. KREUGER	11-22-02		
		PREP	J. ARTHUR	4-3-02	PROJ NO	APPROVED FOR
		SURFACE ROUGHNESS ✓			COG COD	R. HALL
		RLSE DATE	11-25-02	BY DIRECTION	SIZE	CAGE CODE
					C	55910
					DWG NO.	0206190
					SCALE	1/1
					REV	-
					SHEET 1 OF 1	

REV 10/02

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0206190\_01\_-.DWG

DWG NO. 0206190 SH 1



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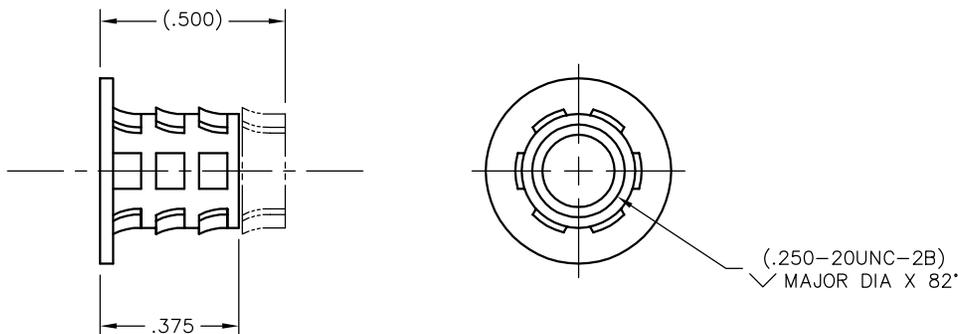
1

REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

NOTES:

- ALTER 25020SF16-16 INSERT, CAGE CODE 07514, BY SHORTENING AS SHOWN.
- OBLITERATE VENDOR'S PART NUMBER WITHOUT DAMAGE TO PART AND REIDENTIFY WITH NO. "55910-0206197-(APPLICABLE DASH NO.)" BY BAG IN ACCORDANCE WITH MIL-STD-130.

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.



-1

Do not distribute to DTIC or other data depositories.

Distribution Statement D: Distribution authorized to DoD & U.S. DoD contractors only; Administrative or Operational Use; [11/18/02]. Other requests shall be referred to Commanding Officer, Space and Naval Warfare Systems Center, San Diego, San Diego CA 92152-5001

Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

ALTERED ITEM DRAWING

		DO NOT SCALE THIS DRAWING		SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001	
		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES BREAK ALL EDGES .015 MAX REMOVE ALL BURRS TOLERANCES ARE: .XX± .03 .XXX± .010 ANGLES± 0°30' FILLETS MAX		INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100 AND ASME Y14.5M-94	
0207707	MK 7	PROG.	T. WEBBER	11-25-02	INSERT, BASE PLATE
		CONFIG	E. BAUER	11-25-02	
		DESIGN	J. ARTHUR	11-22-02	
		CHKD	K. KREUGER	11-22-02	
NEXT ASSY	USED ON	PREP	J. ARTHUR	6-21-02	
APPLICATION		PROJ NO	APPROVED FOR		SIZE
		COG COD	R. HALL		CAGE CODE
		RLSE DATE	11-25-02	BY DIRECTION	55910
		SURFACE ROUGHNESS		✓	DWG NO.
					0206197
					REV
					-
					SCALE
					4/1
					SHEET 1 OF 1

REV 10/02

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0206197\_01\_-.DWG

DWG NO. 0206197 SH 1

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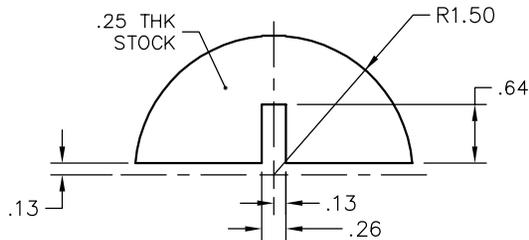
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REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

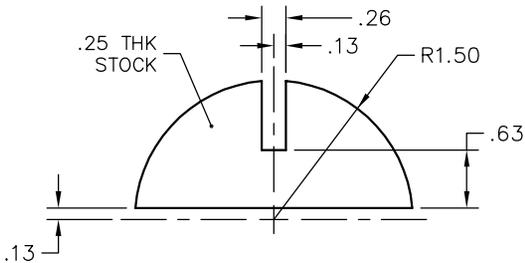
NOTES:

- BOND ALL MATING SURFACES USING FIND NO. 5 EPOXY OR EQUIVALENT.
- FINISH : APPLY 2 COATS OF FIND NO. 6 EPOXY RESIN WITH FIND NO 7 HARDENER OR EQUIVALENT.
- IDENTIFY WITH PART NO. "55910-0206206-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.

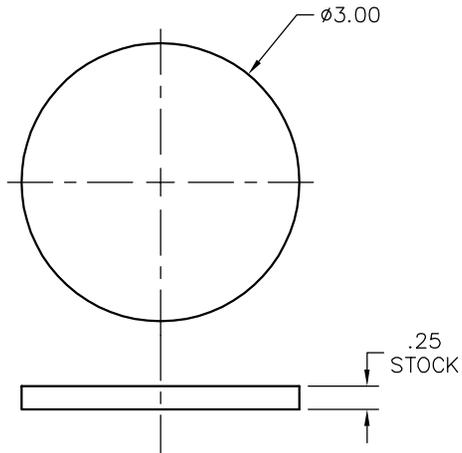
THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.



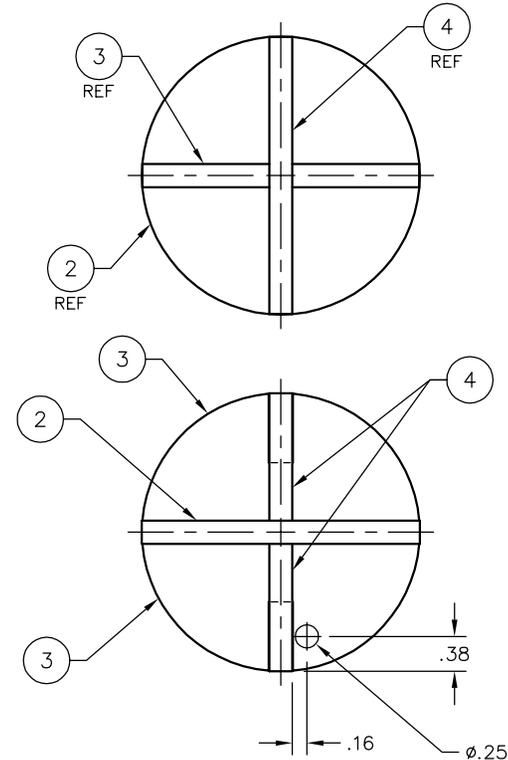
-4



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Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

SEE SEPARATE PARTS LIST

DO NOT SCALE THIS DRAWING		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES BREAK ALL EDGES .015 MAX REMOVE ALL BURRS TOLERANCES ARE: .XX± .03 .XXX± .010 ANGLES± 0°30' FILLETS MAX		SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001	
0206190	MK 7	INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100 AND ASME Y14.5M-94	PROG. T. WEBBER 11-25-02 CONFIG E. BAUER 11-25-02 DESIGN J. ARTHUR 11-22-02 CHKD K. KREUGER 11-22-02 PREP J. ARTHUR 4-1-02	REFLECTOR	
NEXT ASSY	USED ON	PROJ NO	APPROVED FOR	SIZE	CAGE CODE
APPLICATION		COG COD	R. HALL	C	55910
		RLSE DATE 11-25-02	BY DIRECTION	DWG NO.	0206206
				SCALE 1/1	REV -
					SHEET 1 OF 1

REV 10/02

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0206206\_01\_-.DWG

DWG NO. 0206206 SH 1



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THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.

REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
-	-	INITIAL RELEASE	11-25-02	TLW

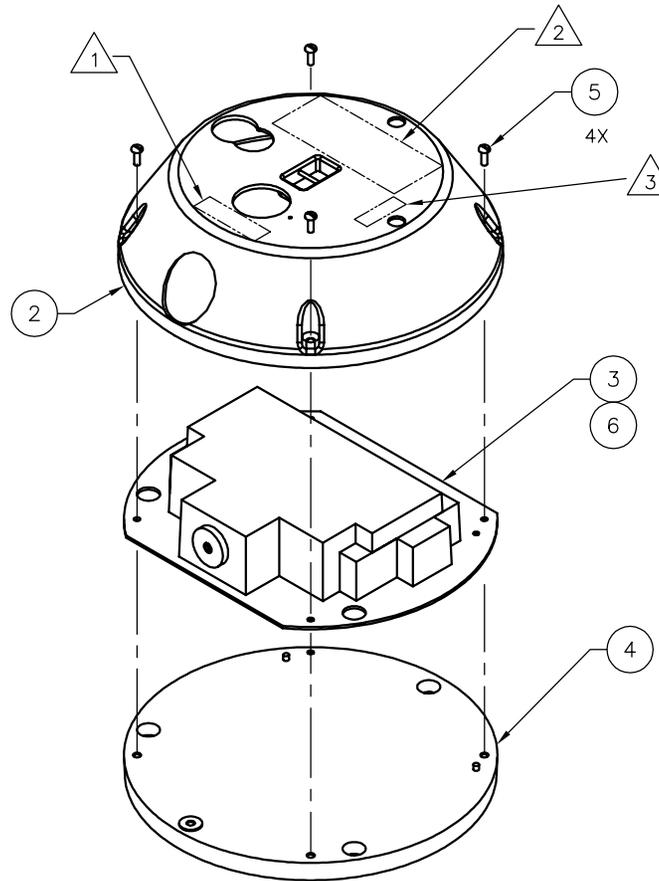
NOTES:

1 HAND LETTER USING A PERMANENT FELT TIP MARKER, COLOR BLACK, WITH ASSIGNED SERIAL NUMBER. CHARACTERS SHALL BE 1.00 TO 1.25 HIGH. LOCATE APPROXIMATELY AS SHOWN.

2 STENCIL THE FOLLOWING MARKINGS USING FIND NO 7 INK, TYPE I, II OR IV, COLOR NO 37038 BLACK PER FED-STD-595. CHARACTERS SHALL BE .38 HIGH. LOCATE APPROXIMATELY AS SHOWN.

\*\*\*CAUTION\*\*\*  
HIGH EXPLOSIVE  
U.S. NAVY PROPERTY. IF FOUND  
CONTACT NAVY SPECIAL CLEARANCE  
TEAM ONE (619) 437-5098

3 IDENTIFY WITH PART NO. "55910-0207012-(APPLICABLE DASH NO.)" BY RUBBER STAMP OR STENCIL IN ACCORDANCE WITH MIL-STD-130. LOCATE APPROXIMATELY AS SHOWN.



-1 SHOWN  
-2

SEE SEPARATE PARTS LIST

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Distribution Statement D: Distribution authorized to DoD & U.S. DoD contractors only; Administrative or Operational Use; [11/18/02]. Other requests shall be referred to Commanding Officer, Space and Naval Warfare Systems Center, San Diego, San Diego CA 92152-5001

Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

DO NOT SCALE THIS DRAWING

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
BREAK ALL EDGES .015 MAX  
REMOVE ALL BURRS  
TOLERANCES ARE:  
.XX± .03 .XXX± .010  
ANGLES± 0°30'  
FILLETS MAX  
SURFACE ROUGHNESS ✓

0206119	MK 7
NEXT ASSY	USED ON
APPLICATION	

INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100 AND ASME Y14.5M-94	PROG. T. WEBBER	11-25-02
	CONFIG E. BAUER	11-25-02
	DESIGN J. ARTHUR	11-22-02
	CHKD K. KREUGER	11-22-02
PREP J. ARTHUR	11-15-01	
PROJ NO	APPROVED FOR	SIZE
COG COD	R. HALL	C
RLSE DATE 11-25-02	BY DIRECTION	CAGE CODE
		55910
		DWG NO.
		0207012
		REV
		-
		SCALE 1/4
		SHEET 1 OF 1

SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001

PAYLOAD SECTION

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<b>PARTS LIST</b>	1 DESIGN ACTIVITY <b>SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001</b>			1A CAGE CODE <b>55910</b>	2 <b>PL0207012</b>	3 REV —	4 SHEET 1 OF 1
	6 LIST TITLE <b>PAYLOAD SECTION</b>				5 ORIG DATE		

8 PROG MGR T. WEBBER 11-25-02	9 APPROVED FOR <u>R. HALL</u> BY DIRECTION	7 CONTRACT NO.					
CONFIG MGR E. BAUER 11-25-02		REV	—				
DESIGN J. ARTHUR 11-22-02		SHT	1				
CHECKED K. KREUGER 11-22-02		10 REVISION STATUS OF SHEETS					
PREPARED J. ARTHUR 11-15-01							

11 FIND NO.	12 QUANTITY REQUIRED					13 CAGE CODE	14 PART OR IDENTIFYING NO.	15 DESCRIPTION OR NOMENCLATURE	16 MATERIAL/SPEC/REF DESG
	-1	-2							
1	—					55910	—1	PAYLOAD SECTION — MK 62	316 SST
2	1	1				55910	0206140-1	HOUSING, PAYLOAD SECTION	
3	1					55910	0206144-1	EXPLOSIVE TRAY — MK 62	
4	1	1				55910	0206147-1	BASE PLATE ASSEMBLY	
5	4	4				39428	91735A540	SCREW, PAN HD, PHILLIPS, .25-20UNC X .75 LG	
6		1				55910	0207709-1	EXPLOSIVE TRAY — MK 58 MOD 0	
7		—				55910	—2	PAYLOAD SECTION — MK 58 MOD 0	
8									
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Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

17 LTR	REVISION DESCRIPTION	DATE	APVD	18 LTR	REVISION DESCRIPTION	DATE	APVD	19 LTR	REVISION DESCRIPTION	DATE	APVD		
—	INITIAL RELEASE	11-25-02	TLW										
												0206119	MK 7
												NEXT ASSY	USED ON
												20 APPLICATION	



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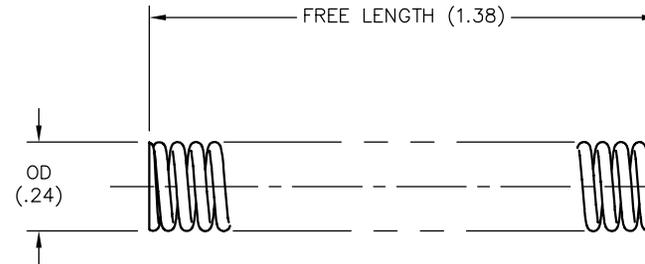
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REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

NOTES:

- MATERIAL: INCONEL X-750 PER SAE-AMS5699.
- SPECIFICATIONS:  
 WIRE DIA: .032  
 ENDS: CLOSED/GROUND  
 OD: .24  
 WIND DIRECTION: OPTIONAL  
 FREE LENGTH: 1.38  
 TOTAL COILS: 26.3  
 RATE: 6.6 LB/IN  
 LOAD AT COMPRESSED LENGTH OF .973: 2.7±.3 LB
- FINISH : PASSIVATE PER SAE-AMS-QQ-P-35.
- IDENTIFY WITH PART NO. "55910-0207019-(APPLICABLE DASH NO.)"  
 BY BAG IN ACCORDANCE WITH MIL-STD-130.

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.



-1

SUGGESTED SOURCE(S) OF SUPPLY

CONTROL PART NO.	VENDOR		VENDOR PART NO.	ITEM IDENTIFICATION
	ADDRESS	CAGE CODE		
0207019-1	CENTURY SPRING CORP. 222 E. 16TH ST LOS ANGELES, CA 90015	56988	SPC-10207	55910-0207019-1

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Distribution Statement D: Distribution authorized to DoD & U.S. DoD contractors only; Administrative or Operational Use; [11/18/02]. Other requests shall be referred to Commanding Officer, Space and Naval Warfare Systems Center, San Diego, San Diego CA 92152-5001

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VENDOR ITEM DRAWING

DO NOT SCALE THIS DRAWING		SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001																
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES BREAK ALL EDGES .015 MAX REMOVE ALL BURRS TOLERANCES ARE: .XX± .03 .XXX± .010 ANGLES± 0°30' FILLETS MAX		<table border="1"> <tr> <td>INTERPRET DRAWING</td> <td>PROG. T. WEBBER</td> <td>11-25-02</td> </tr> <tr> <td>IN ACCORDANCE WITH</td> <td>CONFIG E. BAUER</td> <td>11-25-02</td> </tr> <tr> <td>ASME Y14.100 AND</td> <td>DESIGN J. ARTHUR</td> <td>11-22-02</td> </tr> <tr> <td>ASME Y14.5M-94</td> <td>CHKD K. KREUGER</td> <td>11-22-02</td> </tr> <tr> <td></td> <td>PREP J. ARTHUR</td> <td>4-16-02</td> </tr> </table>		INTERPRET DRAWING	PROG. T. WEBBER	11-25-02	IN ACCORDANCE WITH	CONFIG E. BAUER	11-25-02	ASME Y14.100 AND	DESIGN J. ARTHUR	11-22-02	ASME Y14.5M-94	CHKD K. KREUGER	11-22-02		PREP J. ARTHUR	4-16-02
INTERPRET DRAWING	PROG. T. WEBBER	11-25-02																
IN ACCORDANCE WITH	CONFIG E. BAUER	11-25-02																
ASME Y14.100 AND	DESIGN J. ARTHUR	11-22-02																
ASME Y14.5M-94	CHKD K. KREUGER	11-22-02																
	PREP J. ARTHUR	4-16-02																
0206134	MK 7	SIZE C	CAGE CODE 55910															
NEXT ASSY	USED ON	DWG NO. 0207019	REV -															
APPLICATION		APPROVED FOR R. HALL	SCALE 4/1															
SURFACE ROUGHNESS ✓		BY DIRECTION	SHEET 1 OF 1															
PROJ NO	COG COD	RLSE DATE 11-25-02																

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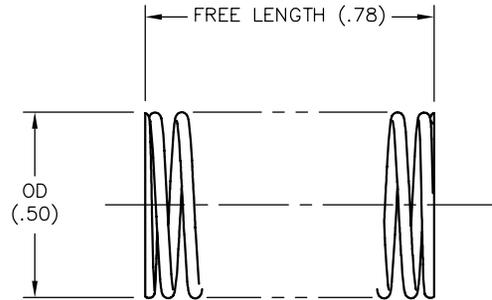
1

REVISION HISTORY				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	11-25-02	TLW

NOTES:

- MATERIAL: INCONEL X-750 PER SAE-AMS5699.
- SPECIFICATIONS:  
 WIRE DIA: .031  
 ENDS: CLOSED/GROUND  
 OD: .50  
 WIND DIRECTION: OPTIONAL  
 FREE LENGTH: .78  
 TOTAL COILS: 10.2  
 RATE: 1.5 LB/IN  
 LOAD AT COMPRESSED LENGTH OF .375: .61±.06 LB
- FINISH : PASSIVATE PER SAE-AMS-QQ-P-35.
- IDENTIFY WITH PART NO. "55910-0207020-(APPLICABLE DASH NO.)" BY BAG IN ACCORDANCE WITH MIL-STD-130.

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.



-1

SUGGESTED SOURCE(S) OF SUPPLY				
CONTROL PART NO.	VENDOR		VENDOR PART NO.	ITEM IDENTIFICATION
	ADDRESS	CAGE CODE		
0207020-1	CENTURY SPRING CORP. 222 E. 16TH ST LOS ANGELES, CA 90015	56988	SPC-10204	55910-0207020-1

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Distribution Statement D: Distribution authorized to DoD & U.S. DoD contractors only; Administrative or Operational Use; [11/18/02]. Other requests shall be referred to Commanding Officer, Space and Naval Warfare Systems Center, San Diego, San Diego CA 92152-5001

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VENDOR ITEM DRAWING

DO NOT SCALE THIS DRAWING		SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES BREAK ALL EDGES .015 MAX REMOVE ALL BURRS TOLERANCES ARE: .XX± .03 .XXX± .010 ANGLES± 0°30' FILLETS MAX		INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100 AND ASME Y14.5M-94	
0206132	MK 7	PROG. T. WEBBER 11-25-02 CONFIG E. BAUER 11-25-02 DESIGN J. ARTHUR 11-22-02 CHKD K. KREUGER 11-22-02 PREP J. ARTHUR 4-18-02	SPRING, RETENTION ROD
NEXT ASSY	USED ON	PROJ NO COG COD	APPROVED FOR R. HALL
APPLICATION		RLSE DATE 11-25-02	BY DIRECTION
SURFACE ROUGHNESS ✓		SIZE C	CAGE CODE 55910
		SCALE 4/1	DWG NO. 0207020
			REV -
			SHEET 1 OF 1

4

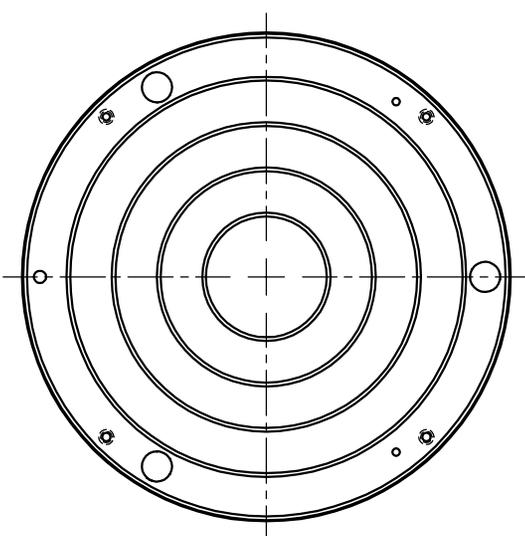
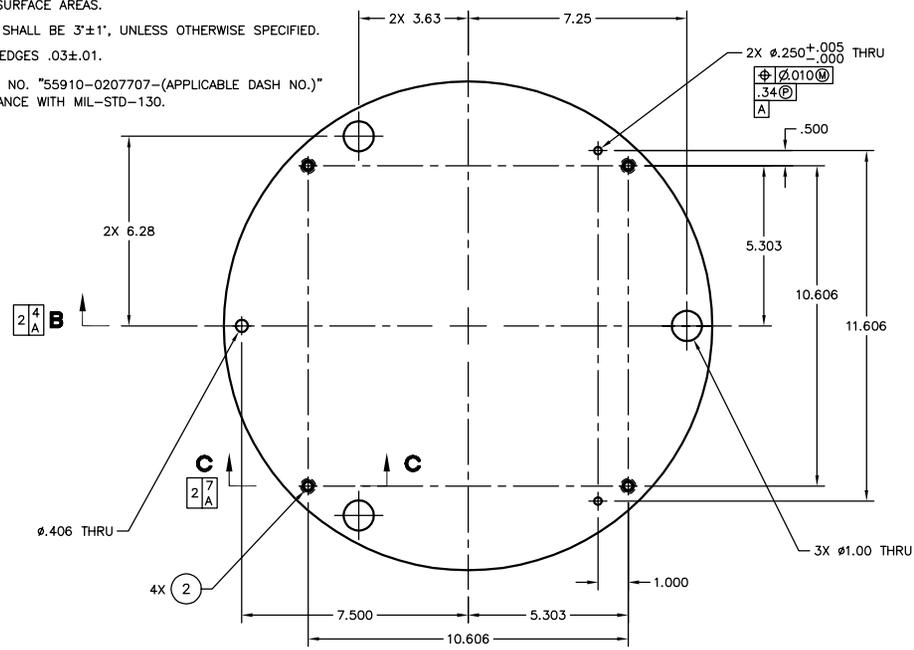
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DWG NO. 0207707		SH 1	
REVISION HISTORY			
ZONE	LTR	DESCRIPTION	DATE
-	-	INITIAL RELEASE	11-25-02
			APPROVED
			TLW

- NOTES:
- BASE PLATE SHALL BE CONSTRUCTED OF A COMPOSITE MATERIAL AS SPECIFIED HEREIN. SEE VIEW D ON SHEET 2 FOR DETAIL LAYUP. FIND NO 3 EPOXY RESIN SHALL MAINTAIN PHYSICAL PROPERTIES FROM 0°F TO 150°F. FIND NO. 7 GELCOAT COLOR SHALL BE GRAY NO. 26493 PER FED-STD-595. FIND NO. 6 (OR EQUIVALENT) LEAD SHOT SHALL BE EVENLY DISPERSED WITHIN THE RESIN, KEEPING THE WEIGHT CENTERED.
  - PROPERTIES:  
ESTIMATED VOLUME: 87.4 CU IN  
WEIGHT IN AIR: 11.2±.2 LB  
WEIGHT IN SEAWATER: 8.0±.2 LB
  - NO AIR VOIDS ON SURFACE AREAS.
  - ALL DRAFT ANGLES SHALL BE 3°±1', UNLESS OTHERWISE SPECIFIED.
  - BREAK ALL SHARP EDGES .03±.01.
  - IDENTIFY WITH PART NO. "55910-0207707-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.



VIEW A-A 1 4/A

SEE SEPARATE PARTS LIST

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**Note:** Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100, ASME Y14.3M-94 DO NOT SCALE THIS DRAWING		SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. BREAK ALL EDGES .015 MAX. REMOVE ALL BURRS. TOLERANCES ARE: .XX ±.03 .XXX ±.010 ANGLES 40'30" MAX. FILLETS SURFACE ROUGHNESS ✓		PROG MGR T. WEBBER 11-25-02	BASE PLATE
0206147 MK 7		CONF MGR E. BAUER 11-25-02	
NEXT ASSY USED ON		DESIGN J. ARTHUR 11-22-02	
RELEASED DATE 11-25-02		CHECKED K. KREUGER 11-22-02	
PROJECT NUMBER COGNIZANT CODE		PREPARED J. ARTHUR 6/20/02	SIZE CAGE CODE DRAWING NUMBER REV
APPROVED FOR R. HALL BY DIRECTION		SCALE 1/2	D 55910 0207707 -
APPLICATION		SHEET 1 OF 2	

2	1	REVISION SHEET	REVISION STATUS OF SHEETS
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8 7 6 5 4 3 2 1

DWG NO. 0207707		SH 2		1	
REVISION HISTORY					
ZONE	LTR	DESCRIPTION	DATE	APPROVED	
-	-	INITIAL RELEASE	11-25-02	TLW	

D

D

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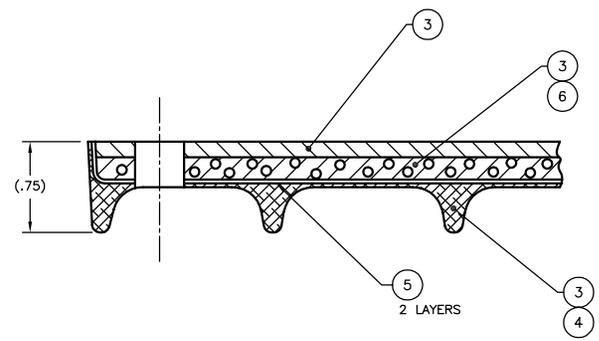
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B

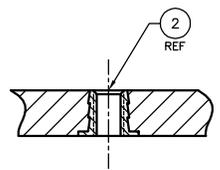
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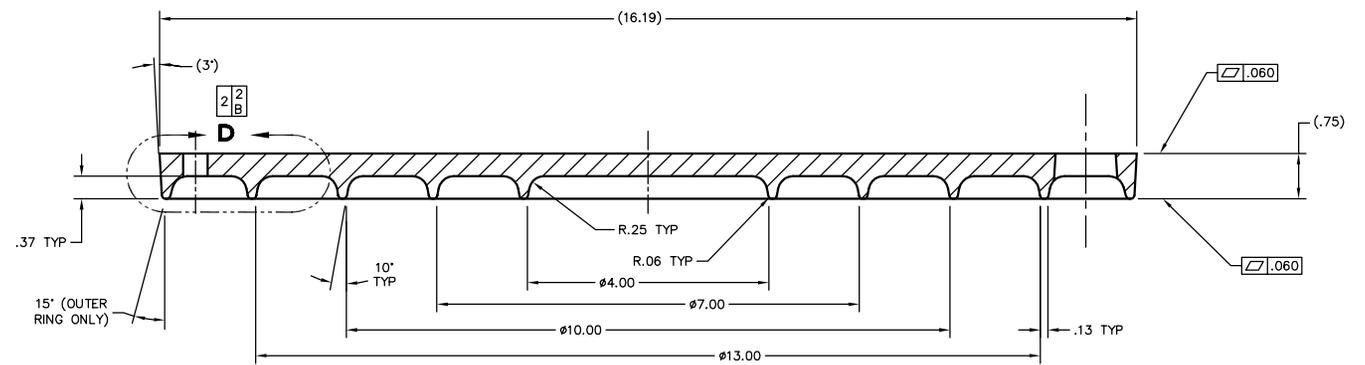
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VIEW D <sup>2</sup>/<sub>5</sub>B  
SCALE 2/1



SECTION C-C <sup>1</sup>/<sub>7</sub>B  
SCALE 2/1  
4 PLACES



SECTION B-B <sup>1</sup>/<sub>7</sub>C

SIZE	CAGE CODE	DRAWING NUMBER	REV
D	55910	0207707	-
SCALE	1/1	SHEET	2

0207707\_02\_-DWG

REV. 9/92

8 7 6 5 4 3 2 1

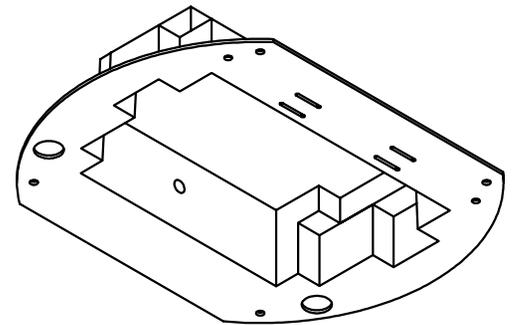
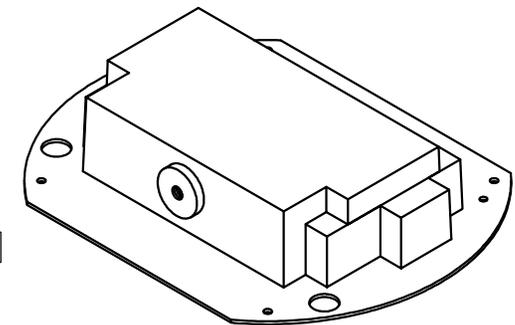
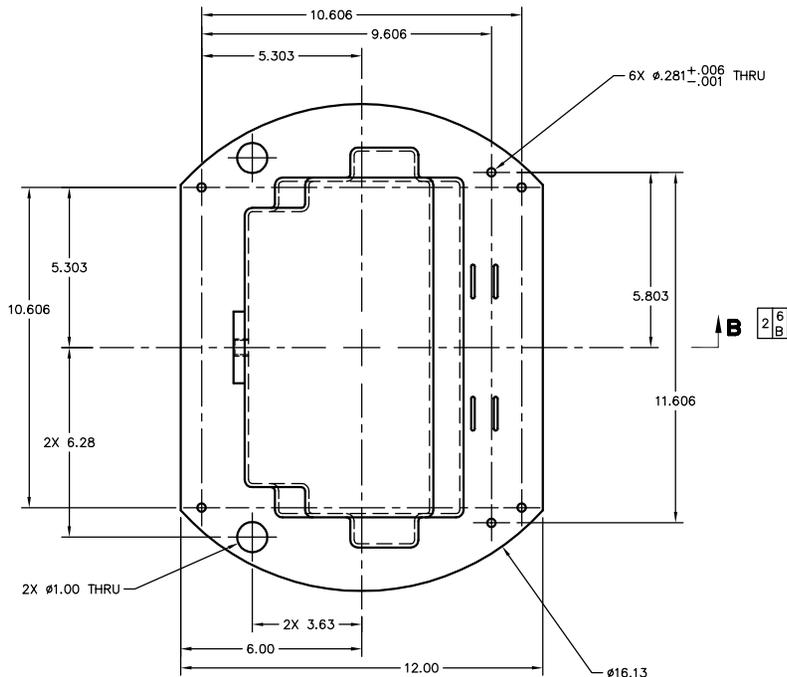


DWG NO. 0207709		SH 1	
REVISION HISTORY			
ZONE	LTR	DESCRIPTION	DATE APPROVED
-	-	INITIAL RELEASE	12-4-02 TLW

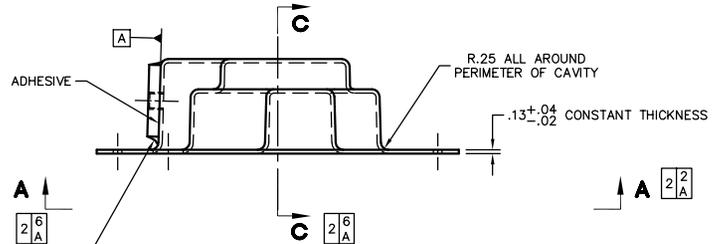
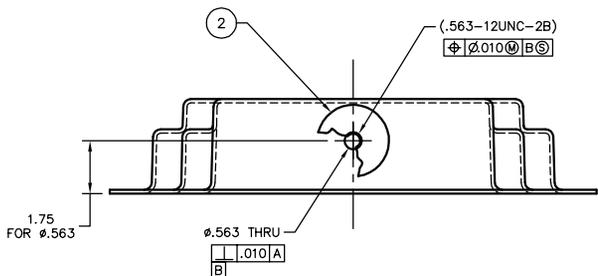
THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE COGNIZANT DESIGN ACTIVITY.

NOTES:

- THIS EXPLOSIVE TRAY IS DESIGNED TO BE MANUFACTURED USING RESIN TRANSFER MOLDED (RTM) PROCESS.
- LAYUP SCHEDULE:
  - FIND NO. 4 GELCOAT, 15-20 MILS THICK, COLOR NO. 27880 WHITE PER FED-STD-595.
  - FIND NO. 5 COMBIFLOW.
  - CLOSE MOLD AND INFUSE WITH FIND NO. 6 RESIN.
  - BOND FIND NO. 2 MOUNT USING VINYLESTER ADHESIVE.
- ALL INSIDE CORNERS AND FILLETS SHALL BE .13, EXCEPT AS NOTED.
- ALL DRAFT ANGLES SHALL BE 1.5°±1'.
- IDENTIFY WITH PART NO. "55910-0207709-(APPLICABLE DASH NO.)" BY TAG IN ACCORDANCE WITH MIL-STD-130.



ISOMETRIC VIEWS



SEE SEPARATE PARTS LIST

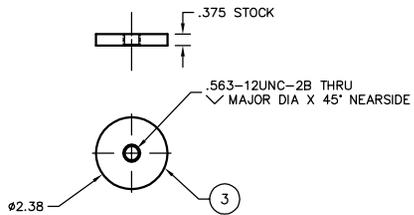
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 Note: Distribution to potential U.S. DoD contractors for the purpose of soliciting bids is authorized.

-1

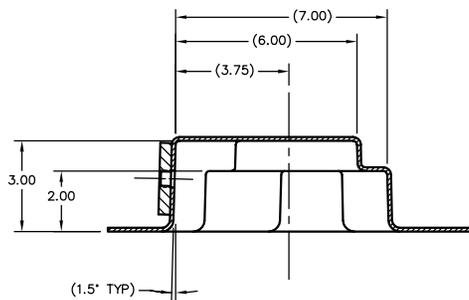
REVISION	REVISION STATUS OF SHEETS	APPLICATION
2 1	SHEET	NEXT ASSY USED ON

INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100, ASME Y14.5M-94. DO NOT SCALE THIS DRAWING.		PROG MGR T. WEBBER 12-4-02 CONFIG MGR E. BAUER 11-28-02 DESIGN J. ARTHUR 11-28-02 CHECKED K. KREUGER 11-28-02 PREPARED J. ARTHUR 8-7-02		PROJECT NUMBER COGNIZANT CODE APPROVED FOR R. HALL BY DIRECTION	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. BREAK ALL EDGES .015 MAX. REMOVE ALL BURRS. TOLERANCES ARE: .XX ±.03 .XXX ±.010 ANGLES 40'30" MAX. FILLETS SURFACE ROUGHNESS ✓ RELEASED DATE 12-4-02		SPAWAR SYSTEMS CENTER, SAN DIEGO, SAN DIEGO, CA 92152-5001		EXPLOSIVE TRAY- MK 58 MOD 0	
0207012	MK 7	SIZE D	CAGE CODE 55910	DRAWING NUMBER 0207709	REV -
APPLICATION		SCALE 2/1	SHEET 1 OF 2		8207709_01_-DWG

DWG NO. 0207709		SH 2		1	
REVISION HISTORY					
ZONE	LTR	DESCRIPTION	DATE	APPROVED	
-	-	INITIAL RELEASE	12-4-02	TLW	

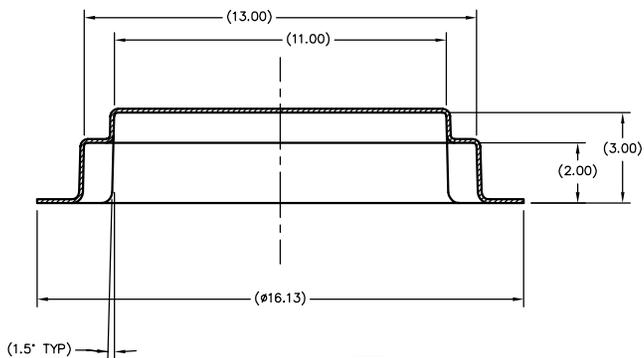


**-2**

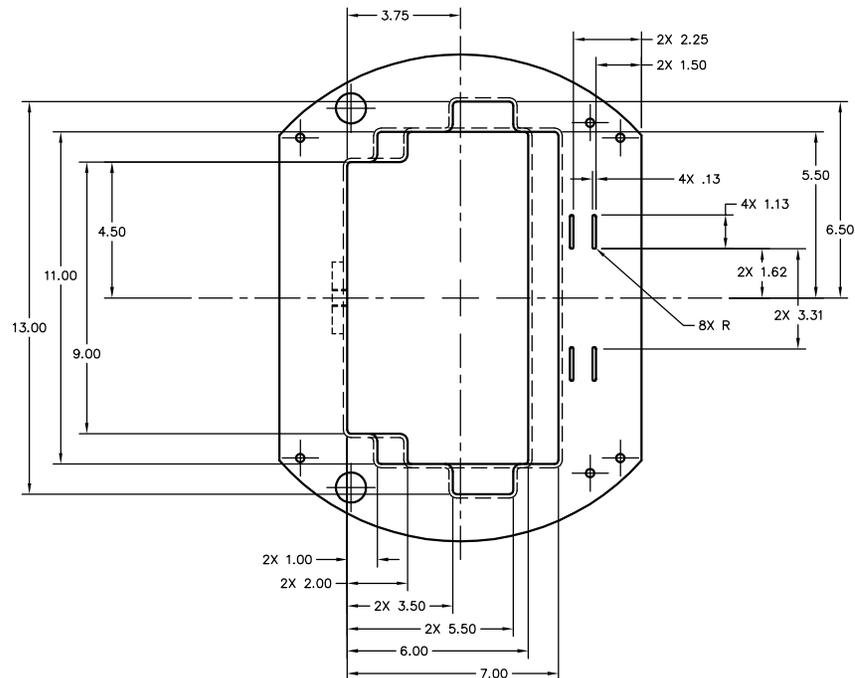


SECTION **B-B**  $\frac{1}{3}$   
C

NOTE: ALL CAVITY DIMENSIONS ARE TO INSIDE SURFACE



SECTION **C-C**  $\frac{1}{4}$   
A



VIEW **A-A**  $\frac{1}{3}$   
A

NOTE: ALL CAVITY DIMENSIONS ARE TO INSIDE SURFACE

SIZE	CAGE CODE	DRAWING NUMBER	REV
D	55910	0207709	-
SCALE	1/2	SHEET	2

0207709\_02\_-DWG 1

