

NOTES

- 1 MATERIAL: .125 (3.18) THICK ALUMINUM ALLOY 5052-H32, ASTM B209.
- 2 ALL INSIDE BENDS R.19 (4.82).
- 3 REMOVE BURRS AND BREAK SHARP EDGES.
- 4 INSTALL FN'S 4, 5, 6 AND 7 PER MANUFACTURER'S INSTRUCTIONS.
- 5 WELD (.2) FN 2 TO FN 1 PER DIMENSION SHOWN PER AWS D17.2, CLASS C. ALL WELDS TO BE WATER TIGHT.
- 6 FINISH: CHEMICAL FILM PER MIL-DTL-5541, TYPE II, CLASS 3.
- 7 FINAL FINISH PER 77AS80204 (PLUS APPLICABLE FINISH SUFFIX) ON ALL EXTERNAL SURFACES OF FN 1 AND 2, EXCEPT AREAS X AND Z AND SURFACES T AND U.
- 8 STENCIL, SILK SCREEN OR RUBBER STAMP USING EPOXY INK PER A-A-56032, TYPE I, OR EQUIVALENT CONTRASTING COLOR, CHARACTER .25 (6.4) HIGH, UNLESS OTHERWISE SPECIFIED. PERMANENCY AND LEGIBILITY SHALL MEET THE REQUIREMENTS OF MIL-STD-130. LOCATE APPROXIMATELY AS SHOWN.
- 9 STENCIL, SILK SCREEN, RUBBER STAMP OR LABEL: 03538-77AS84101G1 (PLUS APPLICABLE FINISH SUFFIX) MFR - "CAGE CODE" IN ACCORDANCE WITH MIL-STD-130, USING EPOXY INK PER A-A-56032, TYPE I OR EQUIVALENT, CONTRASTING COLOR, CHARACTER .09 (2.3) HIGH. LOCATE APPROXIMATELY AS SHOWN. LABELS WHEN USED SHALL BE PER MIL-PRF-61002A, GRADE A, STYLE I, COMPOSITION C.
- 10 PENETRANT INSPECT WELD PER ASTM E-165, ACCEPTANCE CRITERIA PER AWS D17.2, CLASS C USAGE.
- 11 MULTI-PIECE CONSTRUCTION OF FN 1 PERMISSIBLE.
- 12 PLUG WELD MACHINED NUBS FOR INSTALLATION OF FN 3.
- 13 ASTM SI 10 APPLIES. METHOD B SHALL BE USED IN CONVERTING AND ROUNDING OFF. 1 INCH= 25.4 mm APPLIES.
- 14 PRIMARY DIMENSIONS ARE IN INCHES AND SECONDARY DIMENSIONS ARE IN MILLIMETERS ().
- 15 STENCIL, SILK SCREEN OR RUBBER STAMP USING EPOXY INK PER A-A-56032, TYPE I OR EQUIVALENT, COLOR CONTRASTING, LINE 1 CHARACTERS .25 (6.4) HIGH, REMAINING LINE CHARACTERS .13 (3.2) HIGH. PERMANENCY AND LEGIBILITY SHALL MEET THE REQUIREMENTS OF MIL-STD-130. LOCATE APPROXIMATELY AS SHOWN.
- 16 STENCIL, SILK SCREEN OR RUBBER STAMP USING EPOXY INK PER A-A-56032, TYPE I OR EQUIVALENT, COLOR CONTRASTING, LINE 1 CHARACTERS .38 (9.7) HIGH, REMAINING LINE CHARACTERS .18 (4.6) HIGH. PERMANENCY AND LEGIBILITY SHALL MEET THE REQUIREMENTS OF MIL-STD-130. LOCATE APPROXIMATELY AS SHOWN.

SEE NOTE 4
8X EXTERNAL THREADS
Ø .014 (0.35) A B C

SEE NOTE 4
28X INTERNAL THREADS
Ø .024 (0.61) E B C
Ø .012 (0.30) E

AREA X
SEE NOTE 7

3X 1.005 (25.53)

SEE NOTE 12

4X R.28 (7.11)

2X 2.000 (50.8)

14.000 (1101.6)

3X 4.000 (101.6)

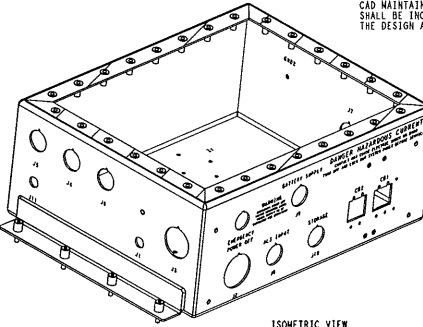
3X 1.005 (25.53)

2X 1.004 (25.4)

SEE NOTE 5

6 PRESS IN FAR SIDE
SEE NOTE 4
4X INTERNAL THREADS
AT A
Ø .056 (1.42) F A C
Ø .022 (0.55) F

Ø .020 (0.51)
E 4 SURFACES

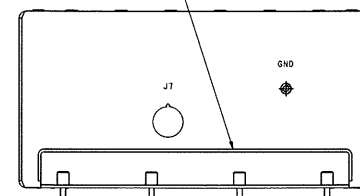


CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY

ISOMETRIC VIEW (FOR REFERENCE ONLY)

SCALE 3/8

SEE NOTE 5 3X .12 (3.05)

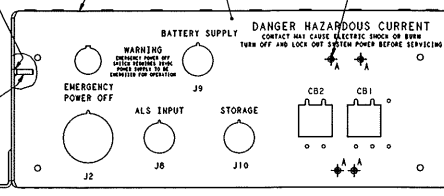


G1

FINISH: SEE NOTE 7

SURFACE U
SEE NOTE 7

SEE NOTE 5
Ø .12 (3.05)



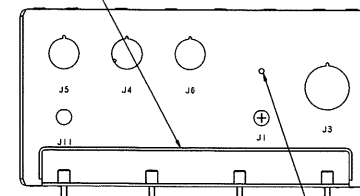
NEAR SIDE

(7)

SEE NOTE 5, 4X

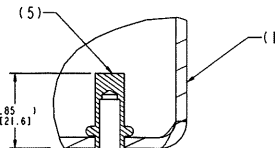
A 3 SURFACES

7 PRESS IN NEAR SIDE
SEE NOTE 4
EXTERNAL THREAD
Ø .056 (1.42) D A B

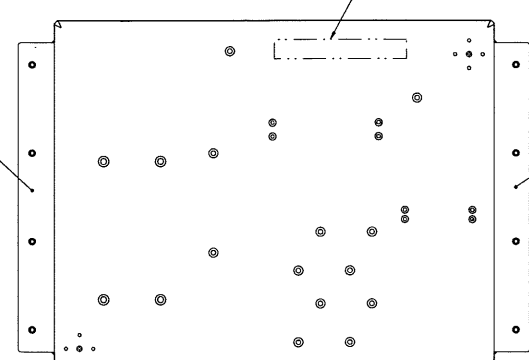


SEE NOTE 5 3X .12 (3.05)

PARTIAL SECTION L-L
SCALE 2/1



SURFACE T
SEE NOTE 7

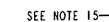


SEE NOTE 9

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A	A	A	REV	REV STATUS OF SHEETS
4	3	2	1	SH

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTR NO.	WISPTT-06-C-1004	LOCKHEED MARTIN CORPORATION	
TOLERANCES ON		SIGNATURES	YR-MO-DY	SYRACUSE, NY	
3 PL DECIMALS	± .010	CAD	J. MOLA 10-08-06	WELDMENT, ENCLOSURE, B1A	
3 PL DECIMALS	± .010	PROD	C. RICHARDSON 10-08-10		
ANGLES ± 1		ENGR	B. TWANER 10-08-11		
INTERPRET DIM AND TOL PER ASME Y14.5M-1994		ISSUED	10-08-25		
THIRD ANGLE PROJECTION		SIZE	1/2	CAGE CODE	03538
		USED ON		QTR NO	77AS84101
		APPLICATION		SCALE	1/2
		PROENGINEER		SHEET	1 OF 4
				REV	A
				A.3 WIP	



SIZE E	CAGE CODE 03538	DWG NO 77A584101	REV A
SCALE 1/2	SHEET 4		

