

## DOCUMENT SUMMARY LIST

Item: CARRIER BOARD ASSEMBLY

NSN: 5915-01-068-6742

Control Number/PRON: P39ANVX3

Identifies all first tier documents (cited in SOW) (applicable DIDs). Also included are all referenced documents (2nd, (includes DID block 10 references), 3<sup>rd</sup> and lower tier) which have been tailored.

### DOCUMENT CATEGORY:

CATEGORY O - Unless otherwise specified in the solicitation, contract, or contract modifications, all documents are for guidance and information only.

CATEGORY 1 - The requirements contained in the directly cited document are contractually applicable to the extent specified. All referenced documents are for guidance and information only.

CATEGORY 2 - The requirements contained in the directly cited document and the reference documents identified in the directly cited document are contractually applicable to the extent specified. All subsequently referenced documents are for guidance and information only.

CATEGORY 3 - Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in the directly cited document and all reference and subsequently referenced documents are contractually applicable to the extent specified.

Document Number (Contract Reference) Applicable Tailoring	Document Title	Document Date/ Document Category
1a. MIL-STD-2549 Table DIP 4-1	Configuration Management Data Interface	30 Jun 97 Cat 2
1b. DI-CMAN-81554 (seq A001)	Configuration Change Control Data Information Packet	30 Jun 97 Cat 2
2. ANSI/ISO/ASQC Q9002 or equivalent	Model for Quality Assurance in Production, Installation & Servicing	18 Jul 94

# SPECIAL PACKAGING INSTRUCTION

Form Approved  
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 30 days per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, Va 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project(0704-0188), Washington, D.C. 20503. Please do not return your form to either of these addresses.

1. PART OR DRAWING NO. NOMENCLATURE <b>SM-D-804960 CARRIER BOARD ASSY</b>		2. CODE INDENT <b>80063</b>	3. SPI NO. <b>(AM)PSM-D-804960</b>	
4. NATIONAL STOCK NUMBER <b>5915010686742</b>		5. DATE OF DRAWING/SPI <b>01/07/99</b>	6. REVISION / ERR NO. <b>A/L8K2019</b>	
7. QUP <b>1/EA</b>	B. ICQ	9. UNIT PACK WT. (LB) (0.0) <b>1.00</b>	10. UNIT PACK CU (CU. FT) (0.000) <b>0.062</b>	11. UNIT PACK SIZE (INCHES) (00.0) <b>8.5 X 8.5 X 1.5</b>

		18 STEPS	19 REQD	20 DESCRIPTION
		1		DWG. 9370051,SEE NOTE (A)
12. MILITARY PRESERVATION <b>MIL-STD-2073-1,METHOD 41</b>				
13. CLEANING *				
14. DRYING *				
15. PACKING				
a. LEVEL A <b>MIL-STD-2073-1</b>				
b. LEVEL B <b>MIL-STD-2073-1</b>				
16. MARKING <b>MIL-STD-129</b>				

### 17. NOTES / DRAWING

**\*UNLESS OTHERWISE SPECIFIED, CLEANING AND DRYING SHALL BE IN ACCORDANCE WITH PARAGRAPH 5.2.1 OF MIL-STD-2073-1. WEIGHTS AND SIZES ARE ESTIMATED AND MAY VARY SLIGHTLY. INTERMEDIATE PACKAGING AND PACKING WILL BE IN ACCORDANCE WITH SPECIFICATION MIL-STD-2073-1 OR AS OTHERWISE SPECIFIED HEREON.**

**(A) ALL LEVELS OF PRESERVATION,PACKAGING,PACKING AND MARKING SHALL BE IN ACCORDANCE WITH DWG. 9370051.**

WSC: JH ITEM SIZE: 6.5 X 6.5 X .75

ITEM WEIGHT: .85

APPROVED: JAMES F. ZOLL

STATEMENT A, UNLIMITED

# CONTRACT C WORKSHEET

ECP Required \_\_\_\_\_

PRON P39ANVX3 AMC \_\_\_\_\_ AMSC \_\_\_\_\_ ATC ARB5R

TPDL SM-D-804960 TDPL DATE 01/29/99

NSN 5915010686742 NOMENCLATURE CARRIER BOARD ASSY

ENGINEERING EXCEPTIONS : The following engineering exceptions apply to this procurement action(s):

DOCUMENT	DELETE	REPLACE WITH
SPI SM-D-804960	INITIAL RELEASE	REV A (HARD COPY) 1 SHEET
12928852	QQ-P-35	ASTM A967
12928852	MIL-G-45204	ASTM A488
12928852	QQ-S-571	J-STD-004, J-STD-005, J-STD-006
SM-C-772740	MIL-G-45204	ASTM B488
SM-C-772740	MIL-T-10727	ASTM B545
SM-C-772740	QQ-S-571	J-STD-006, Sn63Pb37A
SM-D-772740	MIS-STD-429	ANSI/IPC-T-50
SM-C-773541	QQ-P-35	ASTM A967
SM-C-773541	QQ-S-571	J-STD-006, Sn63Pb37A
SM-C-773541	MIL-G-45204	ASTM B488
SM-D-804960	MIL-STD-454	"SOLDER IN ACCORDANCE WITH BEST COMMERCIAL PRACTICE TO ENSURE COMPLIANCE WITH DWG OR SPECIFICATION REQUIREMENTS AS APPLICABLE"

All soldering and soldering related operations shall be performed in accordance with a detailed soldering process plan to be developed and maintained by the contractor. The plan shall include the procedures to be used for all soldering and soldering related operations (i.e. hand soldering, tinning, solderability testing or verification, automated soldering, inspection, process controls). Each procedure shall describe the operation in sufficient detail to ensure that the performance

(Continued On Page 2)

## CONTRACT C WORKSHEET (Continued)

### ENGINEERING EXCEPTIONS (CONTINUED)

requirements for the item being manufactured are met. As a minimum, each procedure shall include the process, tools, equipment, materials and acceptance criteria used for the operation. The soldering process plan shall be made available to the cognizant government technical agency.

In lieu of developing a soldering process plan, the contractor may elect to utilize ANSI/IPC/J-STD-001, Class 3\*, with the cleanliness designator as indicated below:

<u>Flux Type in use</u>	<u>Cleanliness Designator**</u>
Low Residue/No Clean Flux	C02
Rosin Based Flux	C22
Water Soluble Flux	C22

\*Class 3 High Performance Electronic Products

Includes equipment for commercial and military products where continued performance or performance-on-demand is critical. Equipment downtime cannot be tolerated, end-item use may be uncommonly harsh, and the equipment must function when required, such as life support systems and critical weapons systems.

\*\*ANSI/IPC/J-STD-001 Rev A, paragraph 8.3.2 and sub-paragraphs.

CONTRACT DATA REQUIREMENTS LIST

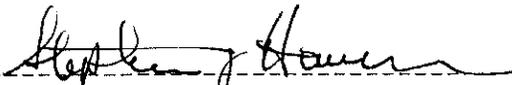
DD FORM 1423 (MECHANIZED)

CATEGORY: MISC SYSTEM/ITEM: CARRIER BOARD ASSEMBLY  
TO CONTRACT/PR: P39ANVX3

1. SEQUENCE NUMBER  
2. TITLE OF DATA ITEM  
3. SUBTITLE  
4. DATA ITEM NUMBER  
5. CONTRACT REFERENCE  
6. TECHNICAL OFFICE 7. DD 8. APP 9. DIST STATEMENT  
250 CODE REQUIRED  
10. FREQUENCY 11. AS OF DATE 15. TOTAL:  
12. DATE OF 1ST SUBMISSION 13. DATE OF SUBSEQUENT SUBMISSION  
16. REMARKS

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1. A001 14. AMSTA-AR-ES / /  
(ECALS) / /  
2. CONFIGURATION CHANGE CONTROL\*  
3. ENGINEERING ACTIONS  
4. DI-CMAN-81554  
5. SECTION C  
6. AMSTA-AR-ES 7. NO 8. - 9. \*\*  
10. ASREQ 11. --- 15. TOTAL 0 / 0 / 0  
12. ASREQ 13. ASREQ

16. REMARKS  
PREPARE ENGINEERING ACTIONS IAW DI-CMAN-81544 AND SUBMIT ELECTRONICALLY VIA  
ECALS WORLDWIDE WEB PAGE [HTTP://EDMD4.PICA.ARMY.MIL/](http://EDMD4.PICA.ARMY.MIL/). \*DATA INFORMATION PACKET  
\*\*DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIG-  
URATION MANAGER. THE POC FOR ECALS IS LEE SADAUSKAS, AMSTA-AR-QAW, (973) 724-6626  
LEES@PICA.ARMY.MIL.

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APPROVED BY:  STEPHEN J HANSEN, SDMO, AMSTA-AR-QAD

DATE: 03/23/1999