

APPENDIX C

A/M32K-10 Provisioning Statement of Work
(K-10 PSOW)



DEPARTMENT OF THE NAVY
NAVAL INVENTORY CONTROL POINT
700 ROBBINS AVENUE
PHILADELPHIA, PA 19111-5098

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FAX # 215-697-5016
IN REPLY REFER TO: DMM

03/12/10

From: Commander, Naval Inventory Control Point-Philadelphia

To: Commanding Officer
Naval Air Warfare Center Aircraft Division
Attn: Michael Perkins, Code 6.6.4.9
Highway 547
Lakehurst, NJ 08733

Subj: **Provisioning Statement of Work (PSOW)/ Provisioning Requirements Statement (PRS)**
applicable to A/M32K-10 system.

- Encl: (1) Provisioning Statement of Work (PSOW)
- PSOW Details; PPS; TDBD Guidelines; EDFP Guidelines; PHS&T Guidelines; LMI DPD Guidelines; Demilitarization Code Guidance; Criticality Coding Guidance
- (2) Contract Data Requirements List (CDRL)
- ISIL; LLTIL; PPL; CBIL; DCN; LSAR; EDFP; SPS
1. Enclosure (1) constitutes the Provisioning Statement of Work (PSOW) applicable to the subject equipment. This enclosure includes the PSOW/PRS detailed requirements; Provisioning Performance Schedules; Guidelines for Top-Down Breakdown/ Engineering Data for Provisioning/ Packaging, Handling, Storage, & Transportation/ Provisioning Data Product Deliverables and Format; LMI Data Product Deliverables; Demilitarization Code Requirements; and Criticality Coding Requirements.
 2. Enclosure (2) Contract Data Requirements List (CDRL's) DD Form 1423-1, cite the following deliverables: Interim Support Items List; Long Lead Times Item List; Provisioning Parts List; Common & Bulk Items List; Design Change Notices; Logistics Support Analysis Record; Electronic Data for Provisioning; and Statement of Prior Submission.
 3. The enclosed PSOW was prepared based on an "I and D" level maintenance philosophy. If the Maintenance Concept changes, a revision to this PSOW may be required.
 4. FRC/NADEP has been designated as the Organic/Commercial Depot as a result of CORE law.
 5. Any questions concerning the requirements of this PSOW should be referred to the Naval Inventory Control Point (NAVICP), Ray Schweigart, Code 03622, Telephone (215) 697-5856, DSN 442-5856, Fax (215) 697-5016, E-Mail Address: Raymond.Schweigart@navy.mil.

Ray Schweigart
By Direction

PROVISIONING STATEMENT OF WORK (PSOW)

Equipment Nomenclature: Munitions Trailer
Model/Type Number: A/M32K-10
Contract/PR/MIPR Number: TBD
Part Number: 3847AS100-1

Provisioning Activity: Naval Inventory Control Point (NAVICP)
Address: 700 Robbins Avenue
Philadelphia, PA 19111-5098
Attn: Ray Schweigart Code: 03622

Contractor Name: TBD
Address:

1. This Provisioning Statement of Work (PSOW) is furnished in accordance with MIL-PRF-49506.
2. Milestone Dates for each event under this PSOW is cited in the Provisioning Performance Schedule (PPS). The PPS milestone dates will be reviewed and updated during the Provisioning Guidance Conference and incorporated into the contract.
3. The Top-Down Breakdown Guidelines provides instructions for building a complete top down breakdown of the A/M32K-10. This PSOW with Top-Down Breakdown Guidelines provides for a two (2) level Maintenance Philosophy. If the maintenance philosophy changes revisions to these documents may be required.
4. Engineering Data for Provisioning (EDFP) shall be submitted either in hardcopy format or in EDT (Electronic Data Transfer) format. Recommend contractor also submit in digital form compatible with JEDMICS in CDEX format. JEDMICS can import data from CALS Type 1 or CCITT Group 4 (C4) format. Repairable assemblies obtained from vendors/subcontractors shall be submitted in the same manner. EDFP shall be submitted in Top-Down Breakdown sequence and shall include all repairable assemblies and maintenance significant consumables, as shown in the approved Maintenance Planning document. Repairable assemblies obtained from vendors/subcontractors shall be submitted in the same manner. Consumable items shall appear as single line items without further breakdown. Drawings representing recognized military standard or industry standard items are not required in the EDFP submission.
5. If EDFP is not available as specified above, the contractor shall provide written confirmation stating reasons for their inability to comply with the NAVICP requirement. A copy of the refusal letter shall be forwarded to NAVICP (Code 03622) as soon as possible after funding of the PSOW/PRS. Such confirmation must clearly prescribe alternate methods of furnishing adequate data to enable the provisioning process be accomplished.
6. Revised EDFP shall be submitted for subsequent changes to the provisioned end item and shall include any additions, deletions, superseding, or modification of the end item or any provisioned part of the end item. The revisions are required to update the Navy Legacy Data Base and shall be used to identify changes to the original EDFP.

7. Packaging, Handling, Storage and Transportation (PHS&T) LMI Supportability Analysis Summary Data is included as part of this PSOW.

8. The deliverable provisioning data and distribution requirements are specified on the DD Form 1423-1 Contract Data Requirements List (CDRL).

9. The Interim Support Items List (ISIL), (CDRL PL017) with revisions (as necessary), shall be delivered in accordance with the Provisioning Performance Schedule (PPS) and the CDRL. The ISIL shall contain the recommended items and quantities determined to be required for removal and replacement between the Initial Operational Capability (IOC) date and Material Support Date (MSD). The NSNs assigned to ISIL approved items shall be considered as new peculiar items to the end item for the purposes of Maintenance Planning and during subsequent provisioning screening effort until final PTD and EDFP delivery. The following data elements, the majority of which are defined in Appendix B of MIL-PRF-49506, are the minimum data requirements for the ISIL:

a. Item Name/Nomenclature	DPD #0480
b. CAGE code (prime and vendor, if applicable)	DPD #0140
c. Reference Number (prime and vendor, if applicable)	DPD #1050
d. National Stock Number (if applicable)	DPD #0680
e. SM&R Code	DPD #1220
f. MRF and RPF	DPD #0550/1140
g. Quantity Per End Item (QPEI)	DPD #0950
h. Unit of Issue Price	DPD #1500
i. Production Lead Time	DPD #0830
j. Total Recommended Quantity	DPD #1400
k. IOC of the end item	
l. Number of end items to be delivered/supported	
m. Delivery schedule of end items	

10. Long Lead Time Items List (LLTIL), (CDRL P001) is to contain those items with a Production Lead Time greater than twenty-four (24) months. (If required)

11. The Provisioning Parts List (PPL), (CDRL P002) shall include all applicable items (prime, vendors, U.S. Government Standards and Industry Standards) contained in the subject equipment. The required provisioning Data Product Deliverables are in contained in the DPD Enclosure. The PPL, along with the applicable EDFP, shall be furnished in accordance with the PPS and the CDRL.

12. Subsequent changes to the provisioned Baseline Configuration which results from NAVAIR approved Engineering Change Proposals (ECPs) may require submission of Design Change Notices (DCNs), (CDRL P003) to update the NAVICP database. In this event, funding for the DCNs will be part of the ECP. Specific DCN submission instructions may be requested as needed from NAVICP, Code 03622. If Design Change Notices (DCNs) are required, the Engineering Data for Provisioning (EDFP) submitted shall include the next higher assembly drawing and the next higher repairable assembly drawing.

13. A Statement of Prior Submission (SPS), (CDRL P005) may result in reduction or elimination of Engineering Data for Provisioning (EDPF) requirements cited on the DD Form 1423-1

14. If required the contractor shall submit a cost proposal for each item of provisioning data required by the PSOW and the applicable CDRL (DD Form 1423-1). This cost proposal shall include the estimated number of items to be prepared, description of cost, labor hours and rates, burden rate, General/Administrative (G&A) rates, as appropriate, profit, unit and total price. The cost proposal shall be submitted to the PCO/ACO with a copy to NAVICP, Code 03622.

15. The Provisioning Technical Documentation (PTD), such as Interim Support Items List (ISIL) and Provisioning Parts List (PPL), may be prepared on the government furnished Interactive Computer Aided Provisioning System (ICAPS) PC version and submitted to NAVICP (03622.) on a CD-R or via Electronic Data Transfer (EDT). The contractor can obtain a copy of the ICAPS -PC program at no cost by registering as a user with the Naval Computer and Telecommunications Station (NCTS), Jacksonville, FL, using the Software User Registration Form available on the following web-site: <https://icaps.nmci.navy.mil> (PKI is required). Requests for technical support or user training should be directed to Rick Chambers at NCTS, Jacksonville, FL, Telephone (904) 270-6304, x133.

16. The Provisioning List Item Sequence Number (PLISN), shall consist of four characters, A001 through Z999. The first position will always be alphabetic, excluding alphabetic I and O. The second through fourth positions will always be numeric. The fifth position shall be blank. When an addition to the top down breakdown is necessary, the PLISNs shall be re-sequenced.

17. The variable quantity, "V" shall not be used for Quantity per Assembly or for Quantity per End Item.

18. For each potential "P" source-coded item, the Contractor shall determine a realistic unit price in US dollars. This price shall approximate the actual acquisition unit cost to the US Navy at the time of initial procurement and in consideration of the projected procurement quantity. The Contractor shall require that the vendors also provide realistic unit prices, with the above rationale. Unit prices for NSN-assigned items may be obtained from the Segment H provisioning screening results available through the Defense Logistics Information Service (DLIS). If Segment H is not included in the provisioning screening results, the Contractor may omit the unit price for NSN-assigned items. This requirement will be discussed in detail during the Provisioning Guidance Conference.

19. Provisioning Screening shall be accomplished for first appearance items only. The Contractor is authorized to use Haystack or other commercial type provisioning screening product containing current DLIS data. The Contractor shall revise the LMI Data Products/Summaries with the provisioning screening output data.

20. Item introduction of Critical Application Items including Critical Safety Items will be processed in accordance with NAVAIR INSTRUCTION 4200.25D AIR-4.1C 20 June 02. If the instruction is not in the contractor's possession, it will be provided upon request. The following definitions apply:

Critical Application Item (CAI) – Navy instruction defines a CAI item is: An item that is essential to weapon system performance or operation, or the preservation of life or safety of operational personnel, as determined by the military services. The subset of CAIs whose failure could have catastrophic or critical safety consequences (Category I or II as defined by MIL-STD-882) is Critical Safety Items (CSI).

Critical Safety Item (CSI) - Navy instruction defines a CSI item as: A part, an assembly, installation, or production system with one or more critical or critical safety characteristics that, if missing or not conforming to the design data, quality requirements, or overhaul and maintenance documentation, would result in an unsafe condition that could cause loss or serious damage to the end item or major components, loss of control, un-commanded engine shutdown, or serious injury or death to personnel. Unsafe conditions which relate to hazard severity categories I and II of MIL-STD-882, System Safety Requirements. CSI's are subsets of CAIs and include items determined to be life-limited, fracture critical, fatigue sensitive, etc. The determining factor in CSIs is the consequence of instruction "Critical Safety Item", or "Flight Safety Critical Aircraft Part", "Flight Safety Part", and "Flight Safety Critical Part" are synonymous. The term Critical Safety Item shall be the encompassing term used.

Note: The contractor shall pay particular attention to the criteria set forth for CAI/CSI items in the aforementioned instruction. Applicable Data Product Deliverables (DPD) Special Maintenance Item Code (SMIC) and Criticality Code (CC).

21. Demilitization Code Guidance is also provided in this enclosure.

PROVISIONING PERFORMANCE SCHEDULE

Provisioning Type:	MIL-PRF-49506	Acquisition ID:	COMMON SE
Revision:	Basic	System Designator:	A/S32K-10
PPS Issue Date:	January 2005	Type of Acquisition:	Traditional

End Item: Trailer, Munitions
End Item Delivery Date:
Contract Number:
Contractor:

<u>RESPONSIBILITY</u>	<u>EVENT</u>	<u>SCHEDULED</u>	<u>ACTUAL</u>
NAVICP	PSOW Issued	Aug 2006	
NAVAIR	PSOW Funded	Feb 2007	
NAVICP/CONTRACTOR	PSOW Guidance Conference	Mar 2007	
CONTRACTOR/NAVICP	ISIL Received	Jun 2007	
NAVICP	ISIL Material Placed on Contract	Jan 2008	
CONTRACTOR	ISIL Material Delivered	Jun 2008	
NAVAIR/CONTRACTOR	Product Baseline	Jan 2009	
NAVAIR	Initial Operating Capability	Apr 2009	
NAVAIR	Supportability Analysis Complete	Mar 2009	
NAVICP/CONTRACTOR	Provisioning Preparedness Review	Apr 2009	
CONTRACTOR	PTD Submittal (024, 036, Master Files, etc.)	May 2009	
NAVICP	Commence ISP	Jun 2009	
NAVICP	ISP Results Input to MIF/PSI/WSF	Sep 2009	
	MSD	Mar 2011	

SPECIFIC INSTRUCTIONS: Top-Down Breakdown Guidelines

SPECIFIC INSTRUCTIONS: The contractor shall build a complete top down breakdown of the end item/system/equipment as follows:

- a. All field level repairables (i.e., fourth character of SMR code is F, G, H, L, or O and the fifth character is F, G, H, L, or O) shall be broken down at the first appearance only. All subsequent appearances of this FLR shall be provisioned as single line entries.
- b. All depot level repairables (i.e., fifth character of SMR code is D) shown in the maintenance plan as P-source code shall be broken down at the first appearance only. All subsequent appearances of this DLR shall be provisioned as single line entries.

The following exceptions apply:

- (1) A depot level repairable with a NSN assigned which is either: (a) Identical to a repairable previously provisioned by NAVICP and for which all applicable design change data has been submitted to NAVICP, or (b) For which another service is the primary manager and Naval Aviation users are limited to remove and replace only (SMR code P__DD) shall be provisioned as a single line entry without a top down breakdown.
 - (2) Any P-source code depot level repairable which has been designated as commercial repair for life and Naval Aviation users are limited to remove and replace only (SMR code P__KK) shall be provisioned as a single line entry without a top down breakdown. This also applies to GFE and common Naval repairable items which have already been provisioned as SMR code P__D or P__DD.
- c. Depot level repairables which are non P-source code (i.e., XA, XB, XD, A_, etc.) and which do not contain any P-source code repairables within them, shall be broken down at the first appearance only and provisioned as single line entries on subsequent appearances, if the next higher assembly (NHA) is the same. If the NHA is different, a breakdown is required each time. Non P- source code DLRs which contain P-source code repairables shall be broken down to the P-source code repairables on every appearance. These P- source code repairables shall then be broken down according to the criteria cited above.
 - d. Vendor repairables shall be broken down in the same manner as prime contractor repairables. If TDBD cannot be supplied by the vendor/subcontractor in the format as specified by NAVICP, the prime contractor will be responsible for obtaining written confirmation from vendors/subcontractors stating reasons for their inability to comply with the NAVICP requirement. A copy of the refusal letter shall be forwarded to NAVICP as soon as possible after funding of the PSOW. Such confirmation must clearly prescribe alternate methods of furnishing adequate data to enable the provisioning process to be accomplished. The vendor/subcontractor may provide the data required directly to the Government to insure continuity of the provisioning process.

- e. The breakdown of a repairable assembly shall immediately follow the assembly of which it is a part.
- f. All items known by the contractor to be repairable but not identified as such in the approved maintenance plan are to be referred to NAVICP, Code 03622.16, and/or the LSAR review team for SMR code resolution.
- g. Consumable items shall appear as single line entries without a breakdown at each appearance in the top down breakdown.

DATA NOT IN LMI SPECIFICATION (Please provide the data product title, its definition and its format):

The contractor is to provide the Top Down Break Down (TDBD) of assemblies and components to the piece part level. This TDBD is to be imbedded within the Provisioning Parts List (PPL) or the LSA-036 Format.

SUMMARY LAYOUT (if applicable): Government Provided Γ Contractor Provided Γ

PACKAGING, HANDLING, STORAGE AND TRANSPORTATION (PHS&T)

11.1 Personnel Requirements

The contractor's packaging personnel shall be qualified military packaging specialists and shall be thoroughly indoctrinated by NAVICP-Phil Code 0771 prior to development and submission of packaging data. The contractor shall contact NAVICP-Phil Code 0771.21 to schedule an indoctrination meeting.

11.2 Packaging Requirements Data

The contractor shall develop packaging requirements data for all new "P" source code Depot Level Repairables (DLRs), Field Level Repairables (FLRs) and Maintenance Significant Consumables (MSCs). Packaging data shall be submitted to NAVICP-Phil Code 0771 for review along with engineering data required by this SOW. Packaging data shall be developed in accordance with MIL-STD-2073-1D and the criteria to be provided by NAVICP Code 0771 at the contractor's indoctrination meeting.

11.3 Interim Support Period Requirements

The contractor shall preserve, package, pack and mark interim support material as specified below and shall contractually require same by vendors and subcontractors:

- a. ASTM D 3951-98. Commercial packaging and packing for immediate use.

- b. MIL-STD-2073-1D, Military Preservation Level / Military Packing Level A. For long term storage, surface X-CONUS shipments.

- c. MIL-STD-2073-1D, Military Preservation Level / Military Packing Level B. For long term storage, air X-CONUS shipments or surface containerized X-CONUS shipments.

- d. MIL-STD-2073-1D, Military Preservation Level / Military Packing Level B. For long term storage, CONUS shipments only.

11.4 Existing Multi-Application Containers

The contractor shall assign, to the maximum extent possible, existing reusable, multi-application containers for packaging of DLRs such as avionics, electronic and fragile items.

11.5 New Specialized Containers

The contractor shall provide NAVICP-Phil Code 0771 a list of candidates for new specialized containers. Under no circumstances shall the contractor design specialized reusable containers for any item without prior authorization from NAVICP-Phil Code 0771.

11.6 Marking Requirements

All unit, intermediate, and shipping containers shall be marked in accordance with the requirements of MIL-STD-129P.

11.7 Handling and Storage Requirements

The system components will be handled by common equipment, e.g., forklifts, hand trucks, loaders and associated equipment, in preparation for shipment and storage. Avionics equipment susceptible to damage from electrostatic discharge (ESD) and/or electromagnetic (EM) forces shall be handled in accordance with existing approved procedures (e.g., grounded work stations, etc. as defined in MIL-HDBK-263 and MIL-STD-1686) to preclude serious damage or degradation of operating performance.

Items shall not be removed from original packaging until ready for installation. Protective wraps, cushioning materials and containers, both single trip and reusable containers will remain intact during storage and local movement of material. Non-RFI repairable items shall be placed directly into assigned reusable containers from which RFI spares are removed, for retrograde shipment to repair activities.

11.8 Electrostatic Sensitive Devices

Certain components (mostly circuit card assemblies) are easily damaged if exposed to electrostatic charges. These components are called Electrostatic Discharge Sensitive (ESDS) items. ESDS items are handled, packaged, shipped, and stored in accordance with standard Navy policy provided in NAVSUPINST 4030.46, Protection of Items Susceptible to Damage from Electrostatic Discharge.

Avionics equipment susceptible to damage from ESD and/or EM forces will be handled in accordance with existing approved procedures (e.g., grounded work stations, etc. as defined in MIL-HDBK-263 and MIL-STD-1686) to preclude serious damage or degradation of operating performance. ESD/EM protective wraps, barriers and protective packaging materials will not be removed until material is ready for installation.

The protection of electronic and electrical materials sensitive to electrostatic discharge damage should be in accordance with MIL-STD-1686 and MIL-HDBK-263. All printed circuit card assemblies shall have an initial wrap of cushioning material conforming to PPP-C-795, Class 2 or cushioned pouches conforming to MIL-B-81997, Type I and shall then be placed into a heat sealed bag conforming to MIL-B-117, Type I, Class F, Style 1 (MIL-B-81705, Type I). Special marking on related unit packages must state: "Items Susceptible to ESD Damage - Must be Opened/Handled at Approved Stations Only."

11.9 Hazardous Material

Preservation, packaging, packing, and marking of hazardous materials (HAZMAT) shall conform to the requirements of MIL-STD-2073-ID. For HAZMAT the contractor shall identify any hazardous materials, and prepare and provide Material Safety Data Sheets (MSDSs) in accordance with the FED-STD-313. Copies of MSDSs shall be forwarded to NAVICP-Mech, Code M0772 and the Navy Environmental Health Center (NEHC), Code IH5. If FAR 23.3, FAR 52.223-3, Hazardous Material Identification and Material Safety Data, and DFARS Subpart 223.3 and DFARS 252.223-7001, Hazard Warning Labels, are applicable to this contract. Material Safety Data Sheets (MSDSs) must be provided in accordance with these provisions to the NAVICP contracting officer and the Navy Environmental Health Center, 2510 Walmer Ave., Norfolk, VA 23513-2617, Attn: Industrial

Hygiene Directorate for inclusion in the Hazardous Materials Information System (HMIS). Copies shall also be provided to NAVICP, Code M0772, P.O. Box 2020, 5450 Carlisle Pike, Mechanicsburg, PA 17955-0788.

11.10 Transportation

Standard Navy policy and procedures will apply to all shipments related to A/M32K-10. The urgency of need will dictate transportation priorities and methods. The selection of carriers for shipments of differing security classification may be found by consulting Chapter 226 of the Military Traffic Management Regulations (NAVSUP 4600.70).

11.11 Return of Failed Items to Depot

Due to minimal depot spare parts inventory, timely return of defective carcasses is essential to quick repair turnaround in order to provide adequate fleet support. Failed items should be returned to the depot in the same, or similar, containers that the replacement parts were shipped in. Failed items should be protected during the packaging and shipping process to prevent further damage to the returned item. ESDS components shall be returned in ESD protected packaging. Failed items should be shipped in accordance with MRIL shipping addresses marked for A/E32K-11.

11.12 Plastics Removal in Marine Environment (PRIME).

In accordance with the Navy's PRIME program, the contractor shall ensure that only non-plastic packaging materials are to be used for items entering the supply system except in the following cases:

- a. When grease proof, waterproof or water vapor proof protection is specified or required for circuit card assemblies, electronic modules, etc. and non-plastic packaging materials cannot provide the necessary protection.
- b. When electrostatic discharge protection is specified or required for circuit card assemblies, electronic modules, etc. and non-plastic packaging materials cannot provide the necessary protection.
- c. When reusable containers are specified or required.
- d. When the physical/mechanical protection required by the item cannot be provided by the non-plastic packaging material.

11.13 European Union Restrictions Regarding Non-Manufactured Wood Packaging and Pallets

"In accordance with the requirements of International Standards for Phytosanitary Measures (ISPM) 15 "Guidelines for Regulating Wood Packaging Material in International Trade," approved by the Interim Commission on Phytosanitary Measures of the IPPC Convention on 14 Mar 2002 <https://www.ippc.int/IPP/En/default.jsp> and imposed by the United Nations (UN), the following commercial heat treatment process has been approved by the American Lumber Standards Committee (ALSC) and is required for all Wood Packaging Material (WPM). WPM is defined as wood pallets, skids, load boards, pallet collars, wooden boxes, reels, dunnage, crates, frames, and cleats. Packaging materials exempt from the requirements are materials that have undergone a manufacturing process such as corrugated fiberboard, plywood, particleboard, veneer and oriented strand board. All WPM shall be constructed from Heat Treated (HT to 56 degrees Centigrade for 30 minutes) lumber and certified by an accredited agency recognized by the ALSC in accordance with

Wood Packaging Material Policy and Wood Packaging Material Enforcement Regulations (see URL: <http://www.alsc.org>). All materials must include certification markings in accordance with ALSC standards and be placed in an unobstructed area that will be readily visible to inspectors. Pallet markings shall be applied to the stringer or block on diagonally opposite sides and ends of the pallet and be contrasting and clearly visible. All dunnage used in configuring and/or securing the load shall also comply with ISPM 15 and be marked with an ALSC approved DUNNAGE stamp. Failure to comply with the requirements of this restriction may result in refusal, destruction, or treatment of materials at the point of entry."

11.14 Additional Packaging Requirements

Reporting of improperly packaged retrograde material received by the contractor shall be accomplished through contractor input into the Technical Assistance for Repairables (TARP) Web Site, <https://www.icptarp.net/autorod> (or any successor website or reporting methodology).

11.15 Radio Frequency Identification Requirements

The contractor is responsible to adhere to the DoD RFID requirements. DoD RFID requirements are outlined in ID DFAR Clause 252.211-7006.

DATA PRODUCT DELIVERABLE: A/M32K-10

- This worksheet is used to select data deemed necessary by the government.
- Data should be used to feed down stream government process.

SELECT EXPLANATION

X Data product required on all items

A As applicable
T Registered Support Equipment Only
U Non-Registered Support Equipment Only
R Repairable only
P All "P" source code items
N New "P" source code items
Y National Stock Number items
O "Ref" items only
F First appearance items only
C COTS items
I NDI items
D Developmental items
L LRU/WRA items
S SRA/SRU items
M Packaging, Common items
B Packaging, Bulk items
E Support Equipment

NOTE: The program office as identified below may assign other codes. Program specific selections and explanations:

DATE PRODUCT TITLE	SELECT	ADDITIONAL INFORMATION
ALLOWANCE ITEM CODE (AIC)		
ALLOWANCE ITEM QUANTITY		
ALTERNATE INDENTURED PRODUCT CODE (AIPC)	A	
ALTERNATE IPC - UUT		
AUTOMATIC DATA PROCESSING EQUIPMENT CODE	P	
BASIS OF ISSUE (BOI)		
QUANTITY AUTHORIZED (QTY-AUTH)		
END ITEM		
LEVEL		
CONTROL		
CALIBRATION AND MEASUREMENT REQUIREMENTS SUMMARY RECOMMENDED		
CALIBRATION INTERVAL		
CALIBRATION ITEM		
CALIBRATION PROCEDURE		
CALIBRATION REQUIRED		
CALIBRATION TIME		
CHANGE AUTHORITY NUMBER	X	Design Change Notices Only
CLEANING AND DRYING PROCEDURE	N	
COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE	X	
CAGE CODE - ADAPTER INTERCONNECTOR DEVICE		
CAGE CODE - ARN		
CAGE CODE - ARN ITEM		
CAGE CODE - ARTICLES REQUIRING SUPPORT		
CAGE CODE - ATE		
CAGE CODE - CATEGORY III SE		
CAGE CODE - CTIC		

CAGE CODE - PACKAGING DATA PREPARER		
CAGE CODE - SUPPORT EQUIPMENT		
CAGE CODE - TEST PROGRAM SET		
CAGE CODE - UUT		
CONTRACTOR FURNISHED EQUIPMENT/ GOVERNMENT FURNISHED EQUIPMENT (CFE/GFE)		
CONTRACTOR RECOMMENDED		
CONTRACTOR RECOMMENDED - DDCC		
CONTRACTOR RECOMMENDED - IRCC		
CONTRACTOR TECHNICAL INFORMATION CODE (CTIC)		
CONTROLLED INVENTORY ITEM CODE		
CRITICALITY CODE	A	"E" and "F" take precedence
CUSHIONING AND DUNNAGE MATERIAL CODE	N	
CUSHIONING THICKNESS	N	
DEGREE OF PROTECTION CODE	N	
DEMILITARIZATION CODE (DMIL)	N	
DESCRIPTION/FUNCTION AND CHARACTERISTICS OF SUPPORT EQUIPMENT		
DESIGN DATA CATEGORY CODE		
DESIGN DATA PRICE		
END ITEM ACRONYM CODE (EIAC)		
ESSENTIALITY CODE	P	
ESTIMATED PRICE	N	
ESTIMATED PRICE - DDCC		
ESTIMATED PRICE - IRCC		
FIGURE NUMBER		
FRAGILITY FACTOR	A	Only for Candidates for Specialized Containers
FUNCTIONAL ANALYSIS		
FUNCTIONAL GROUP CODE		

HARDNESS CRITICAL ITEM (HCI)	A	
HARDWARE DEVELOPMENT PRICE		
HAZARDOUS CODE	N	
INDENTURE CODE	X	
ATTACHING PART/HARDWARE	X	
OPTION 1		
OPTION 2		
OPTION 3		
OPTION 4		
OPTION 5		
INDENTURE FOR KITS		
OPTION 1		
OPTION 2		
OPTION 3		
INDENTURE CODE - IPC		
INDENTURED PRODUCT CODE (IPC)		
INDENTURED PRODUCT CODE (IPC) - UUT		
INPUT POWER SOURCE		
OPERATING RANGE - MINIMUM		
OPERATING RANGE - MAXIMUM		
ALTERNATING CURRENT/DIRECT CURRENT		
FREQUENCY RANGE - MINIMUM		
FREQUENCY RANGE - MAXIMUM		
PHASE		
WATTS		
PERCENT MAXIMUM RIPPLE		
INSTALLATION FACTORS OR OTHER FACILITIES		
INTEGRATED LOGISTIC SUPPORT PRICE		

INTEGRATED LOGISTIC SUPPORT REQUIREMENTS CATEGORY CODE		
INTERCHANGEABILITY CODE	A	Design Change Notices Only
INTERMEDIATE CONTAINER CODE	N	
INTERMEDIATE CONTAINER QUANTITY	N	
ITEM CATEGORY CODE (ICC)	X	
ITEM DESIGNATOR CODE		
ITEM DESIGNATOR - END ARTICLE		
ITEM DESIGNATOR - GOVERNMENT		
ITEM NAME	X	
ITEM NAME - ARTICLE REQUIRING SUPPORT		
ITEM NAME - SE		
ITEM NAME CODE		
ITEM NUMBER		
JULIAN DATE - SPI NUMBER	N	
LINE REPLACEABLE UNIT (LRU)		
LOT QUANTITY		
FROM		
TO		
MAINTENANCE ACTION CODE (MAC)		
MAINTENANCE REPLACEMENT FACTOR (MRF)	X	
MRF - DEPOT LEVEL REPAIRABLES	R	
MRF - FIELD LEVEL REPAIRABLES	R	
MRF - CONSUMABLES	P	
MAINTENANCE REPLACEMENT RATE I (MRR I)	X	
MAINTENANCE REPLACEMENT RATE II (MRR II)		
OPTION 1		
OPTION 2		
MAINTENANCE TASK DISTRIBUTION		

MATERIAL		
MATERIAL LEADTIME		
MATERIAL WEIGHT		
MAXIMUM ALLOWABLE OPERATING TIME (MAOT)		
MEAN TIME BETWEEN FAILURES (MTBF)		
MEAN TIME BETWEEN FAILURES (MTBF) - SUPPORT EQUIPMENT		
MEAN TIME TO REPAIR (MTTR)		
MEAN TIME TO REPAIR (MTTR) - SE		
MEASUREMENT BASE (MB)		
MEASUREMENT BASE - MEAN TIME BETWEEN FAILURES		
MEASUREMENT BASE - MEAN TIME BETWEEN FAILURES - SUPPORT EQUIPMENT		
MEASUREMENT BASE - WEAROUT LIFE		
METHOD OF PRESERVATION	N	
MOBILE FACILITY CODE		
NATIONAL STOCK NUMBER - CONTAINER	N	
FEDERAL SUPPLY CLASSIFICATION		
NATIONAL ITEM IDENTIFICATION NUMBER		
NATIONAL STOCK NUMBER AND RELATED DATA	Y	
COGNIZANCE CODE	Y	
MATERIEL CONTROL CODE	Y	
FEDERAL SUPPLY CLASSIFICATION	Y	
NATIONAL ITEM IDENTIFICATION NUMBER	Y	
SPECIAL MATERIEL IDENTIFICATION CODE/ MATERIEL MANAGEMENT AGGREGATION CODE	Y	
ACTIVITY CODE		
NEXT HIGHER ASSEMBLY PROVISIONING LIST ITEM SEQUENCE NUMBER (NHA PLISN)	X	
NEXT HIGHER ASSEMBLY PROVISIONING LIST ITEM SEQUENCE NUMBER INDICATOR (NHA IND)	X	
NOT REPARABLE THIS STATION (NRTS)		

OPERATOR'S MANUAL		
OPTIONAL PROCEDURE INDICATOR	N	
OVERHAUL REPLACEMENT RATE (ORR)	P	PADZZ Items Only
PACKAGING CATEGORY CODE	N	
PACKING CODE	N	
PARAMETERS		
INPUT/OUTPUT CODE - CATEGORY III SE		
PARAMETER - CATEGORY III SE		
RANGE FROM - CATEGORY III SE		
RANGE TO - CATEGORY III SE		
ACCURACY - CATEGORY III SE		
RANGE/VALUE CODE - CATEGORY III SE		
INPUT/OUTPUT CODE - SUPPORT EQUIPMENT		
PARAMETER - SUPPORT EQUIPMENT		
RANGE FROM - SUPPORT EQUIPMENT		
RANGE TO - SUPPORT EQUIPMENT		
ACCURACY - SUPPORT EQUIPMENT		
RANGE/VALUE CODE - SUPPORT EQUIPMENT		
INPUT/OUTPUT CODE - UUT		
PARAMETER - UUT		
RANGE FROM - UUT		
RANGE TO - UUT		
ACCURACY - UUT		
RANGE/VALUE CODE - UUT		
OPERATIONAL/SPECIFICATION PARAMETER		
PASS THROUGH PRICE		
PRECIOUS METAL INDICATOR CODE (PMIC)	N	
PREPARING ACTIVITY		
PRESERVATION MATERIAL CODE	N	

PRIOR ITEM PROVISIONING LIST ITEM SEQUENCE NUMBER (PRIOR ITEM PLISN)	A	
PRODUCTION LEAD TIME (PLT)	N	
PROGRAM PARTS SELECTION LIST (PPSL)		
PRORATED EXHIBIT LINE ITEM NUMBER (PRORATED ELIN)		
PRORATED ELIN QUANTITY		
PROVISIONING CONTRACT CONTROL NUMBER (PCCN)	X	Will be assigned by NAVICP
PROVISIONING LIST CATEGORY CODE (PLCC)		
PROVISIONING LIST ITEM SEQUENCE NUMBER (PLISN)	A	Begin at A001 thru Z999
PROVISIONING NOMENCLATURE		
PROVISIONING PRICE CODE		
PROVISIONING REMARKS	A	
QUANTITY PER ASSEMBLY (QPA)	X	
OPTION 1	X	Do not use "V"
OPTION 2		
OPTION 3		
QUANTITY PER ASSEMBLY/QUANTITY PER END ITEM INDICATOR		
QUANTITY PER END ITEM (QPEI)	X	
OPTION 1	X	Do not use "V"
OPTION 2		
OPTION 3		
QUANTITY PER FIGURE		
QUANTITY PER TEST		
QUANTITY PER UNIT PACK	N	
QUANTITY PROCURED		
QUANTITY SHIPPED		
RECOMMENDED MINIMUM SYSTEM STOCK LEVEL		
RECURRING COST		

REFERENCE DESIGNATION		
OPTION 1		
OPTION 2		
OPTION 3		
OPTION 4		
OPTION 5		
REFERENCE DESIGNATION CODE (RDC)		
REFERENCE NUMBER	X	
REFERENCE NUMBER - AID		
REFERENCE NUMBER - ARN ITEM		
REFERENCE NUMBER - ARTICLES REQUIRING SUPPORT		
REFERENCE NUMBER - AUTOMATIC TEST EQUIPMENT		
REFERENCE NUMBER - CATEGORY III SE		
REFERENCE NUMBER - SUPPORT EQUIPMENT		
REFERENCE NUMBER - TPS		
REFERENCE NUMBER - UUT		
REFERENCE NUMBER (ARN) - ADDITIONAL		
REFERENCE NUMBER CATEGORY CODE (RNCC)		
REFERENCE NUMBER CATEGORY CODE - ARN		
REFERENCE NUMBER VARIATION CODE (RNVC)		
REFERENCE NUMBER VARIATION CODE - ARN		
REPAIR CYCLE TIME		
OPTION 1		
OPTION 2		
REPLACED OR SUPERSEDING PROVISIONING LIST ITEM SEQUENCE NUMBER	A	
REPLACED OR SUPERSEDING PROVISIONING LIST ITEM SEQUENCE NUMBER INDICATOR (RS/IND)		
REPLACEMENT TASK DISTRIBUTION		

REVISION		
REVISION - SERD		
REWORK REMOVAL RATE (RRR)	R	
ROTATABLE POOL FACTOR (RPF)	R	
SAME AS PROVISIONING LIST ITEM SEQUENCE NUMBER (SAME AS PLISN)	O	
SCOPE		
SCOPE - DDCC		
SCOPE - IRCC		
SERIAL NUMBER EFFECTIVITY		
SERIAL NUMBER EFFECTIVITY - FROM		
SERIAL NUMBER EFFECTIVITY - TO		
SERVICE DESIGNATOR CODE (SER)		
SERVICE DESIGNATOR CODE - SE		
SERVICE DESIGNATOR CODE - USING		
SHELF LIFE (SL)	P	
SHELF LIFE ACTION CODE (SLAC)	P	
SKILL SPECIALTY CODE FOR SUPPORT EQUIPMENT OPERATOR		
SOURCE, MAINTENANCE AND RECOVERABILITY (SMR) CODE	X	
SOURCE, MAINTENANCE AND RECOVERABILITY CODE - SE		
SPARES ACQUISITION INTEGRATED WITH PRODUCTION (SAIP)		
SPECIAL MAINTENANCE ITEM CODE (SMIC)	P	"J" code take precedence
SPECIAL MARKING CODE	N	
SPECIAL MATERIAL CONTENT CODE (SMCC)	N	
SPECIAL PACKAGING INSTRUCTION NUMBER	N	
SPECIAL PACKAGING INSTRUCTION (SPI) NUMBER REVISION	N	
SUPPLEMENTAL PACKAGING DATA	N	

SUPPORT EQUIPMENT DIMENSIONS		
SE DIMENSIONS OPERATING		
LENGTH		
WIDTH		
HEIGHT		
SE DIMENSIONS SHIPPING		
LENGTH		
WIDTH		
HEIGHT		
SE DIMENSIONS STORAGE		
LENGTH		
WIDTH		
HEIGHT		
SUPPORT EQUIPMENT EXPLANATION		
SUPPORT EQUIPMENT RECOMMENDATION DATA NUMBER (SERD NUMBER)		
SUPPORT EQUIPMENT RECOMMENDATION DATA REVISION/SUPERSEDURE REMARKS		
SUPPORT EQUIPMENT WEIGHT		
SUPPORT EQUIPMENT WEIGHT - OPERATING		
SUPPORT EQUIPMENT WEIGHT - SHIPPING		
SUPPORT EQUIPMENT WEIGHT - STORAGE		
TECHNICAL MANUAL CHANGE NUMBER (TM CHG)		
TECHNICAL MANUAL INDENTURE CODE (TM IND)		
TECHNICAL MANUAL NUMBER		
TEST ACCURACY RATIO (TAR)		
TEST ACCURACY RATIO - CATEGORY III SE		
TEST ACCURACY RATIO - UUT PARAMETER		
TOTAL ITEM CHANGES (TIC)		
TOTAL QUANTITY RECOMMENDED		

TYPE EQUIPMENT CODE		
TYPE OF CHANGE CODE (TOCC)	A	Design Change Notices Only
TYPE OF PRICE CODE		
TYPE OF STORAGE CODE	N	
UNIT CONTAINER CODE	N	
UNIT CONTAINER LEVEL	N	
UNIT OF ISSUE (UI)	N	
UNIT OF ISSUE CONVERSION FACTOR (UI CONVERSION FACTOR)		
UNIT OF ISSUE/UNIT OF MEASURE CODE		
UNIT OF ISSUE/UNIT OF MEASURE PRICE (UI/UM PRICE)	X	
UNIT OF MEASURE (UM)		
UNIT OF MEASURE - SE DIMENSIONS OPERATING		
UNIT OF MEASURE - SE WEIGHT OPERATING		
UNIT OF MEASURE - SE DIMENSIONS STORAGE		
UNIT OF MEASURE - SE WEIGHT STORAGE		
UNIT OF MEASURE - SE DIMENSIONS SHIPPING		
UNIT OF MEASURE - SE WEIGHT SHIPPING		
UNIT PACK CUBE	N	
UNIT SIZE	N	
UNIT SIZE - LENGTH	N	
UNIT SIZE - WIDTH	N	
UNIT SIZE - HEIGHT	N	
UNIT SIZE - PACK LENGTH	N	
UNIT SIZE - PACK WIDTH	N	
UNIT SIZE - PACK DEPTH	N	
UNIT UNDER TEST EXPLANATION		

UNIT WEIGHT	N	
UNIT WEIGHT - PACK	N	
USABLE ON CODE (UOC)	X	
USABLE ON CODE - DESIGN CHANGE	A	
USABLE ON CODE - SUPPORT EQUIPMENT		
WEAROUT LIFE		
WORK UNIT CODE		
WORK UNIT CODE - ARTICLES REQUIRING SUPPORT		
WRAPPING MATERIAL	N	

SEP 2007

DEMILITIZATION CODE GUIDANCE

NOTE: DEMIL CODE "P" TAKES PRECEDENCE OVER THE OTHER CODES FOR A CLASSIFIED ITEM, EXCLUDING "G". ALSO, DEMIL CODE "F" TAKES PRECEDENCE OVER DEMIL CODES "B" AND "D" FOR HAZARDOUS/COMPOSITE MATERIAL.

<u>UNIT TYPES</u>	<u>DEMIL CODES</u>	<u>PS/PC (CIIC)</u>
Classified Items/COMSEC	P	D, E or F
Unclassified/COMSEC	D	9 *

* PS/PC "9" requires all markings removed prior to turn-in to DRMO.
Must have a LSN.

AVIONICS:

Boxes, Fire Control, Antenna's and other related equipment:	D	Y, 9, X, 7
Circuit Cards:	D	Y, 9, X, 7
RF Components: (micro chips, programmable IC's, etc.)	D	Y, 7

COMMON HARDWARE: nuts, bolts, rivets, etc. Example: NAS, AN, MS, etc.	A	U
COMMON ELECTRICAL: clamps, resistors, etc.	A	U
WEAPONS: pylons, launchers, guns, etc.	D	1,2,3,4,7,P&N
AIRCRAFT BRAKES: will be coded A hazard code of -D- will be used on the rotors and disks.	B	U
PYRO:	G	1 thru 8, P, N

<u>UNIT TYPES</u>	<u>DEMIL Code</u>	<u>PS/PC (CIIC)</u>
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ELECTRICAL PANELS: NON-OFFENSIVE/DEFENSIVE	B	U
OFFENSIVE/DEFENSIVE	D	Y, 7

CABLING/WIRING HARNESSSES:	B	U
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POWER SUPPLIES: (Non-Missile related)	B	U
POWER SUPPLIES: (Missile related)	D	7

COMPONENTS WITH NEW TECHNOLOGY: E If unsure what to do since there's nothing similar. Ft. Belvoir would provide instructions.		7
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STRUCTURAL (Non-Composite Material): D Major components of the fuselage (doors, access panels) Tail Assy (horizontal & vertical stabilizers) Wing Spar (where it attaches to the fuselage) Fairings and Flaps		7
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STRUCTURAL (Composite Material):	F	7
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HAZARDOUS/COMPOSITE MATERIALS F Refer to DoD 4160-21-M Chapter 10		7, Y
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Drawings should cite the material and the following statement should be in NAVICP Item Notes, in the Provisioning Remarks and in Part I of the Maintenance Plan:

"This item contains _____ material. Dispose of IAW local state environmental laws."

In the above statement, cite the hazardous/composite material. For example: Beryllium, Krypton, Lead, etc.

NOTE: DEMIL CODE "C" – Assign to entire systems.

SUPPORT EQUIPMENT:

(a) REPAIRABLE:	B	U
(b) CONSUMABLE:	A	U
(b.1) unless it is manufactured to a Military Design Specification:	B	U

DEMIL CODE / PS/PC (CIIC) COMBINATIONS

IF DEMIL IS:	PS/PC (CIIC) MUST BE:
P	A, B, C, D, E, F, G, H, K, L, S, T, 5, 6, or 8
A, B, or Q	1, 2, 3, 4, 9, J, I, M, N, O, P, Q, R, U, V, W, X, Y, or Z
C, D, E, or F	1, 2, 3, 4, 7, 9, J, I, M, N, O, P, Q, R, V, W, X, Y, or Z
G	1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, V, W, X, Y, or Z

NOTE: PS/PC is the Physical Security/Pilferage Code. Refer to TABLE 61 (CONTROLLED INVENTORY ITEM CODES). DEMIL Codes are found in Appendix 3 of DoD 4160.21.M-1.

Criticality Coding in accordance with Logistics Management Information (LMI)
MIL-PRF-49506 11 November 1996

Per NAVAIRINST 4200.25D dated 20 June 02:

- *Items determined to be CAIs (including CSIs) shall be identified as such to the Assistant Program Manager, Logistics (APML) or designated logistics manager for inclusion in the supportability analysis candidate listing to ensure adequate support planning. Additions to the initial list of CAIs (including CSIs) shall also be provided to the APML or logistics manager as changes occur throughout the life cycle of the equipment.*
- *All CAIs (including CSIs) shall be documented, by Part Number (P/N), in the maintenance plan. CSIs, CAIs, and Non-CAIs (Non-Critical) shall be identified and coded as displayed in the below matrix:*

Critical Safety Item (CSI)

Criticality Code (CC)	F or E (Nuclear Hardened)
Special Maintenance Item Code (SMIC)	H or J

Critical Application Item (CAI)

Criticality Code (CC)	Y
Special Maintenance Item Code (SMIC)	H or J

Non-Critical Application Item

Criticality Code (CC)	X
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DATA ITEM DESCRIPTION

The public reporting burden for this collection of information is estimated to average 110 hours 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 and any other aspect of this collection of information, including suggestions for reducing the burden to Department of Defense, Washington Headquarters Services, Directorate of Information Operations and reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.

2. TITLE Logistics Management Information (LMI) Data Product (s)	1. IDENTIFICATION NUMBER DI-ALSS-81529
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3. DESCRIPTION/PURPOSE
The LMI Data Product(s) consists of data that a requiring authority needs to develop their internal materiel management process. This data contains information in the areas of provisioning, cataloging, packaging, and support equipment.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) TM	6a. DTIC APPLICABLE
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7. APPLICATION/INTERRELATIONSHIP

7.1 This DID contains the format and content preparation instructions for LMI Data Product(s) required by Appendix B of MIL-PRF-49506.

7.2 This DID is applicable to the acquisition of military systems and equipment.

7.3 The delivery method (e.g., on-line access, tape, floppy, etc.) is outside the scope of MIL-PRF-49506 and must be addressed separately.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS
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10. PREPARATION INSTRUCTIONS

10.1 Reference Documents. The applicable issue of the documents cited herein, including their approval dates and the dates of any applicable amendments, notices, and revisions, shall be specified in the contract.

10.2 Format. The Data Product(s) must be in accordance with the associated format in Appendix B of MIL-PRF-49506.

10.3 Content. The content of Data Product(s) is described in Appendix B, MIL-PRF-49506. The Data Product Worksheets (Figure 2, MIL-PRF-49506), or some other requirements identification tool contained in the contract, shall specify the selected data.

11. DISTRIBUTION STATEMENT
DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.