

22 August 1996

STATEMENT OF WORK
FOR
EYESAFE LASER RANGEFINDER
SYSTEM TECHNICAL SUPPORT
COST PLUS FIXED FEE

17

SECTION C - Statement of Work (SOW)

1.0 SCOPE

1.1 This SOW defines the requirements to be met by the Contractor for the Abrams Tank Eyesafe Laser Rangefinder (ELRF), its sub-assemblies and associated support equipment. The Contractor shall furnish the supplies, materials and services necessary to accomplish the related technical support functions for the ELRF.

1.2 The contract associated with this SOW will be a cost plus fixed fee award.

1.3 The Contractor will be required to provide engineering and logistics support functions for the ELRF in accordance with the requirements set forth in the Work Directives (WDs).

1.4 Total man-hours expended under any WD shall not exceed the authorized level of effort without Procurement Contracting Officer (PCO) approval and restructuring of all WD hours. For those WDs identified as "Request for Engineering Services (RES) Driven", no activity may be performed except in response to an RES. The maximum effort authorized by the RES may not be surpassed without Government Contracting Officer's Technical Representative (COTR)/Functional Technical Representative (FTR) approval. All RES hours combined may not exceed total WD hours authorized.

1.5 All work performed under this contract shall be accomplished under WD control. The WD will be the first in the order of precedence. The Contractor may prepare WDs and submit them to the PCO through the COTR for approval for those WDs over and above the on-going tasks. The Contractor shall inform the PCO, in writing, of any impact that this request may have in terms of cost, schedule, redirection or delay of current or planned work during the term of this contract. Active WDs/RESs can be canceled with a 10 work day notice at any time by the PCO. The PCO shall notify the Contractor in writing of the reason(s) for canceled WDs/RESs. The PCO shall establish priorities for Contractor performance on WDs. The PCO shall periodically review with the Contractor the priorities and ranking within priorities on all active WDs.

1.6 If it becomes necessary to make any addition, deletion, or revision to a WD/RES, an amended WD/RES will be prepared by the government. The original shall be assigned a WD/RES number with a letter suffix denoting the revision.

1.7 WD/RES shall not be submitted for projects of which any portion has been submitted on a WD/RES and was disapproved during the last ninety (90) calendar day period, unless specifically requested to do so by the PCO or COTR.

2.0 APPLICABLE DOCUMENTS

None

3.0 REQUIREMENTS

3.1 PROGRAM MANAGEMENT AND ADMINISTRATION (WD L3-1)

3.1.1 Review Meetings

The WD L3-1 will serve as the framework for all Management Review (MR) meetings.

3.1.2 Data Management

Data management for all work done under this contract is covered under the Program Management and Administration Work Directive L3-1. All data submissions will be made in a mutually agreeable format and media.

3.2 INTEGRATED LOGISTIC SUPPORT (ILS) PROGRAM (WD L3-2)

The Contractor shall execute an ILS Program for the contracted items utilizing all existing and developed data in accordance with WD L3-2.

3.3 LOGISTIC SUPPORT ANALYSIS/LOGISTIC SUPPORT ANALYSIS RECORD (LSA/LSAR) PROGRAM (WD L3-3)

3.3.1 LSA Program

The Contractor shall execute an LSA Program and maintain and update a master LSAR which reflects latest production configuration in accordance with WD L3-3.

3.3.2 LSAR Products

The LSAR from the Firm Fixed Price SOW shall be the baseline.

3.3.3 Packaging, Preservation and Transportation Data

The Contractor shall prepare/update "A" level packaging data sheets. This data shall reflect accurately the production items. The Contractor shall review all Engineering Change Actions (ECAs) and Engineering Change Proposals (ECPs) for their impact on Packaging Engineering. If impacted, the packaging changes shall be addressed via ECP.

3.3.4 Training Equipment

The Contractor shall provide status of impact on fielded training devices in accordance with WD L3-3. This support will consist of monitoring vehicle changes, reflecting these changes into the design of the trainer(s) and investigation and/or implementation of user suggested changes on these devices.

3.4 TECHNICAL MANUALS (WD L3-4)

The Contractor shall maintain, update, and deliver charge pages to TMs in accordance with the WD L3-4.

3.4.1 Modification Work Orders

The Contractor shall prepare, develop and support a validation/verification of MWOs necessitated as a result of retrofit requirements in accordance with the WD L3-3.

3.5 ENGINEERING (WD L3-5)

All Engineering related efforts will be defined by a RES. These efforts shall be performed in accordance with the requirements of the contract, the SOW, the Engineering Investigation of Performance Enhancements and Field Problems WD, and the RES.

3.5.1 Investigation of Performance Enhancements.

The Contractor shall provide engineering services, supplies and materials as required to analyze enhancements to the configuration items covered by this contract and related support equipment at Government, Contractor and other Contractor facilities.

3.5.2 Engineering Field Support.

The Contractor shall provide engineering services, supplies and materials as required to diagnose technical problems associated with the configuration items covered by this contract and related support equipment at Government, Contractor and other Contractor facilities.

3.6 ON CALL FIELD SERVICE REPRESENTATIVE (FSR) (WD L3-6)

In accordance with the WD/RES, the Contractor shall provide FSR services on an on-call basis to augment Material Fielding Team efforts and to support using units, depots or other Government agencies. The specific Contractor support requirements shall be outlined in applicable WD/RES.

WORK DIRECTIVE

SUBJECT: Program Management and
Administration

W.D. NUMBER: L3-1
PRIORITY: Level of Effort

1.0 OBJECTIVE

To manage and control the Contractor's resources, to the extent required by applicable CLINs and mutually agreed upon WD, to ensure timely achievement of contract requirements in the most economical manner.

2.0 WORK TO BE PERFORMED

2.1 Program Management

The Contractor shall provide the overall management necessary to organize, plan, control and coordinate all business activities to meet the contract requirements.

2.2 Status Reports

2.2.1 The Contractor shall submit a monthly Contractors Progress, Status and Management Report (CPSMR) reflecting the current technical status of each active WD. (DI-MGMT-80227 CDRL A101).

2.2.1.1 The CPSMR shall provide information at the WD/RES level. Cost and performance summary information and the work directive status reports shall provide the necessary contract data to evaluate cost, schedule, and technical status.

2.2.1.2 At completion of the contract, the Contractor shall provide a final report of cost and man hours by CLIN, WD and RES.

2.2.2 The Contractor shall notify the COTR of major design reviews scheduled within the Contractor organization in sufficient time to enable the Government to attend (10 working days). The Government will have the option to attend such reviews. The Contractor shall provide support to the Government in the conduct of design reviews by assembling and making available for its use pertinent data, test results and other information in adequate detail.

APPROVALS		
PCO	COTR	Contractor

2.2.3 The Contractor shall notify the COTR in writing if there is reason to believe the costs expected to be incurred in the performance of a WD/RES, when added to costs previously incurred, will exceed the total funds allocated for the WD. The Contractor shall furnish an estimated cost-to-completion for the WD/RES with said notification, which shall be delivered as early as possible before overrun costs are incurred.

2.3 Management Review (MR) Meetings:

The Government/Contractor MRs will be held as required, but not more than two (2) times a year. These reviews shall cover cost, schedule, and contract administration; technical reviews of problem areas to include TM reviews, technical progress, and test results; and review of manpower requirements. The MR meetings will be held at the contractors facility. Attendance will be limited to key Contractor and Government personnel.

2.4 Close-Out of Work Directives and Request for Engineering Services

The Contractor shall provide close-out information on all WDs/RESs. Data sources will include, but not be limited to, test reports, daily reports, field reports, and safety incidents. The close out shall be coordinated with the COTR.

WORK DIRECTIVE

SUBJECT: Integrated Logistics Support (ILS)

W.D. NUMBER: L3-2
PRIORITY: Level Of Effort

1.0 TASK SUMMARY

The Contractor shall provide ILS and Technical Support to the extent necessary by this WD.

1.1 The Contractor shall provide ILS Configuration Management support to include the following:

1.1.1 Analyze all engineering changes to determine the impact on logistics support functions/products along with System Safety impacts. Prepare and submit a Logistics Impact Summary for inclusion in the Engineering Change Proposal (ECP) describing the logistics impact of the proposed change.

1.1.2 Maintain a file of System Safety data generated by, or related to, the program.

1.1.3 Provide input to the monthly CPSMR outlining what specific activities occurred under this WD during the reporting period.

2.0 The Contractor shall provide ILS Technical Support as requested by the FTR in resolution of problems that arise.

APPROVALS		
PCO	COTR	Contractor

WORK DIRECTIVE

SUBJECT: LSA/LSAR

W.D. NUMBER: L3-3
PRIORITY: Level Of Effort

1.0 TASK SUMMARY

1.1 The Contractor shall conduct analysis to maintain/update the logistics support requirements and operational and maintenance tasks required for the end item. The LSA program shall be the basis for integrating support development efforts, design engineering, and the logistic support program for crew through depot level. The LSAR program shall be maintained with the guidance of MIL STD-1388-1A and MIL-STD-1388-2A.

1.2 The Contractor shall use computer model(s) for predicting and analyzing support structures, repair levels, and to support design activities.

2.0 THE CONTRACTOR SHALL IDENTIFY LOGISTICS REQUIREMENTS TO INCLUDE THE FOLLOWING:

2.1 Maintenance Planning

The Contractor shall describe, through the lowest indenture level of maintenance and supply, support required by the system. LSA shall provide the following:

2.1.1 Reliability (replacement/failure rates) and maintainability (repair times) parameters and requirements.

2.1.2 Maintenance (time and skills) tasks support and test equipment requirements, maintenance standards, personnel and supply support requirements.

2.2 Support and Test Equipment

2.2.1 The Contractor shall update and maintain a comprehensive identification of support and test equipment requirements at all levels of repair. Usable existing equipment must be identified. Impacts to DSESTS and other support equipment (including tools) must also be identified.

2.2.2 Test, Maintenance and Diagnostic Equipment (TMDE) data shall be submitted any time that technical changes require replacement of TMDE.

APPROVALS		
PCO	COTR	Contractor

2.3 Supply Support

2.3.1 The Contractor shall update and maintain system requirements by maintenance level and frequency of use for spares, repair parts and consumables.

2.3.2 The Contractor shall perform Defense Logistic Service Center (DLSC) prescreening to obtain prices for common/vendor type items. For items matching DLSC files during the prescreening process, pricing data shall be documented directly from the screening results.

2.3.3 Parts pricing for "part for part" replacements without National Stock Number (NSN) assignments will be the Army Master Data File (AMDF)/NSN price of the replaced item. For newly added parts, the Contractor shall check for items of similar complexity/technology on which to base price estimates. The remarks column of the LSA-036 Report should reflect whether this is an AMDF or estimated price, as applicable.

2.4 Transportation and Handling

2.4.1 The Contractor shall provide design feedback to ensure that the system/equipment, support and test equipment, spares and repair parts are designed, wherever possible, to be compatible with available modes of transportation and existing handling equipment.

2.4.2 The Contractor shall update data and provide changes to packaging, handling, storage and transportation data resulting from the LSA changes. The Contractor, as appropriate shall include equipment physical dimensions, container requirements and codes, storage and stowage space, preservation & packaging requirements and handling constraints.

2.5 Modification Work Order

2.5.1 The Contractor shall prepare, develop and support validation/verification of MWO necessitated as a result of retrofit requirements in accordance with the WD.

2.5.2 LSAR data will be developed for each retrofit kit, to include procedures for application and any procedures for MWO development; the update configuration and procedures will be contained under a separate Line Control Number (LCN).

2.6 Training

2.6.1 The Contractor shall identify all new training requirements for the support of the system/equipment/change.

2.6.2 The Contractor shall identify impacts to already fielded training devices.

2.7 Provisioning

2.7.1 The Contractor shall prepare and submit LSAR update Provisioning Technical Data (PTD) to reflect the most current configuration via LSA-036 Reports for each new item to be provisioned (DI-ILSS-81285 CDRL A102). A provisioning conference will be scheduled as required.

2.7.2 Reserved

2.7.3 The Contractor shall conduct preprocurement screening for standardization of all commercial and bulk items selected as repair parts and use comparable military/commercial standards where applicable. Results of preprocurement screening for standardization and component selection must accompany the provisioning documentation for each new or revised commercial item selected as a repair part (CDRL A103 DI-ILSS-81286). Screening results shall be presented in the same sequence as the LSAR/provisioning data and drawings.

WORK DIRECTIVE

SUBJECT: Technical Manuals (TMs) . W.D. NUMBER: L3-4
PRIORITY: Level of Effort

1.0 TASK SUMMARY

The Contractor shall maintain, update, and deliver change pages to TMs prepared in the same style and format as existing input data and will reflect, as applicable, physical and functional characteristics of the hardware with respect to current manuals.

2.0 WORK TO BE PERFORMED

2.1 Input Data Packages

The Contractor shall submit updates to change pages to the following input data in accordance with the CDRL:

- a) Operator's Manual (TM 9-2350-288-10-1 and 10-2 CDRL A106)
- b) Organizational Maintenance and Troubleshooting Manuals (TMs 9-2350-288-20-2-1, -20-2-2, -20-2-3, and -20-2-4 CDRL A107) and Repair Parts and Special Tools List (RPSTL) Data (TM 9-2350-288-24P-2 CDRL A108).
- c) Direct Support/General Support (DS/GS) Maintenance and Troubleshooting (TMs 9-1200-206-34-1, 34-2 and 34-3 CDRL A105) and RPSTL data (TM 9-1200-206-34P CDRL A104)

2.2 TM Validation.

The Contractor shall validate changed material. Contractor personnel performing operating and maintenance procedures on the equipment during validation shall be independent of the Contractor's TM preparation activity. The Contractor shall notify the PCO two weeks prior to start of validation, as the Government reserves the right to witness validation. The Contractor shall notify the PCO in writing upon completion of TM validation.

2.3 TM Verification.

The Government shall verify the changed material at the contractors facility. The Contractor shall provide, as a minimum, at the verification site: Three paper copies of each validated TM change to be verified; personnel necessary (writer(s), engineer(s)) to document needed changes and resolve hardware issues; the subject equipment in each TM change to be verified; and all tools and test equipment required, according to the MAC, to perform all procedures in each TM change.

APPROVALS		
PCO	COTR	Contractor

2.5 Conduct/attend meetings as required by the Engineering FTR or COTR.

2.6 Provide support to on-site Government personnel and coordinate return, analysis, repair and/or replacement of failed/problem hardware as required.

2.7 The Contractor, when necessary, shall fabricate hardware for engineering tests, conduct engineering tests, monitor user tests and prepare final designs.

WORK DIRECTIVE

SUBJECT: Field Service Representatives (FSRs)

W.D. NUMBER: L3-6
PRIORITY: RES Driven

1.0 TASK SUMMARY

The Contractor shall furnish FSRs, as required, Worldwide, to support the ELRF. Specific Contractor requirements and locations of FSRs shall be specified in approved RES.

2.0 WORK TO BE PERFORMED

2.1 As directed by RES, the Contractor shall:

2.1.1 Provide FSRs on-site technical support for the ELRF.

2.1.2 Perform on-site analysis as required.

2.1.3 Provide corrective actions as directed.

2.1.4 Prepare Technical Problem Reports and Trouble Failure Reports (CDRL A110 DI-MGMT-80061A).

2.1.5 Assist in installation of approved field retrofits.

2.1.6 Monitor ELRF performance during Army field operations.

2.1.7 Provide day-to-day liaison with the on-site Army personnel.

2.2 REPORTS

2.2.1 Reports shall be submitted as required by RES.

2.2.2 FSRs shall report problems and resolutions attendant to their responsibilities to the appropriate field officers and to the COTR

2.3 ON-CALL FSR

At the direction of the PCO, the Contractor shall provide FSR services on an on-call basis to augment Material Fielding Team efforts and to support using units, depots or their Government agencies. The POC for on-call FSRs is the COTR.

A P P R O V A L S		
P C O	C O T R	C o n t r a c t o r

CONTRACT DATA REQUIREMENTS LIST
(2 Data Items)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 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 or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, 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, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM M1A2 Tank/ELRF	E. CONTRACT/PR NO. CPFF	F. CONTRACTOR Litton
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1. DATA ITEM NO. A101	2. TITLE OF DATA ITEM CONTRACTORS PROGRESS, STATUS AND MANAGEMENT REPORT	3. SUBTITLE
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80227	5. CONTRACT REFERENCE WD L3-1, paragraph 2.2.1	6. REQUIRING OFFICE AMSTA-AC-PCFB
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED N/A	10. FREQUENCY MTHLY	12. DATE OF FIRST SUB. 45 DAC	14. DISTRIBUTION
8. APP CODE N/A		11. AS OF DATE	13. DATE OF SUBS. SUB. 25TH DAY	a. ADDRESSEE

16. REMARKS As indicated by work directive, paragraph 2.2.1 and subparagraphs. Submittal shall be by electronic media; either E-mail or IBM compatible software Block 13: Provide LSA-150 report 10 days after Provisioning Conference	15. TOTAL ----->	b. COPIES Draft Final Reg Repro 1
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1. DATA ITEM NO. A102	2. TITLE OF DATA ITEM Provisioning Data LSA-036	3. SUBTITLE
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-81285	5. CONTRACT REFERENCE WD L3-1, paragraph 2.7.1	6. REQUIRING OFFICE AMSTA-AC-ARPF
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED N/A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUB. ASREQ	14. DISTRIBUTION
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBS. SUB.	a. ADDRESSEE

16. REMARKS Block 2: Direct Support and General Support Maintenance Repair and Special Tools List. General Abrams Tank Sighting and Fire Control Components. Block 12: LSA-036 report on diskette via electronic media 10 calendar days prior to Provisioning Conference Block 13: LSAR Provisioning Technical Data (PTD) to reflect the most current configuration via LSA-036 Reports for each item to be provisioned. Provide LSA-150 report 10 days after Provisioning Conference LSA-036 Report on Disk	15. TOTAL ----->	b. COPIES Draft Final Reg Repro 1 1
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G. PREPARED BY	H. DATE 96/08/09	I. APPROVED BY	J. DATE
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Attachment 02

CONTRACT DATA REQUIREMENTS LIST

(2 Data Items)

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A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>			
D. SYSTEM/ITEM M1A2 Tank/ELRF			E. CONTRACT/PR NO. CPFF		F. CONTRACTOR Liton		
1. DATA ITEM NO. A103	2. TITLE OF DATA ITEM PROVISIONING AND OTHER PREPROCUREMENT SCREENING DATA			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-81286		5. CONTRACT REFERENCE WD L3-3, paragraph 2.7.3		6. REQUIRING OFFICE AMSTA-AC-ARPF			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUB. ASREQ	14. DISTRIBUTION			
8. APP CODE A	N/A	11. AS OF DATE	13. DATE OF SUBS. SUB.	a. ADDRESSEE	b. COPIES		
16. REMARKS Block 2: Direct Support and General Support Maintenance Repair and Special Tools List. General Abrams Tank Sighting and Fire Control Components. Block 12: The Contractor shall conduct preprocurement screening for standardization of all commercial and bulk items selected as repair parts and use comparable military/commercial standards where applicable. Results of preprocurement screening for standardization and component selection must accompany the provisioning documentation for each new or revised commercial item selected as a repair part. Block 13: Screening results shall be presented in the same sequence as the LSAR/provisioning data and drawings. Screening data shall be not more than thirty (30) calendar days old at the time of delivery of the LSA-036.				Draft	Final		
				amsta-ac-arpf		Reg	Repro
				15. TOTAL ----->			

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A104	2. TITLE OF DATA ITEM DS and GS Maintenance RPSTL Manual			3. SUBTITLE TM 9-1200-206-34P			
4. AUTHORITY (Data Acquisition Document No.) MIL-STD-335		5. CONTRACT REFERENCE WD L3-4, paragraph 2.1		6. REQUIRING OFFICE AMSTA-AC-ARPF			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY See Block 16	12. DATE OF FIRST SUB. See Block 16	14. DISTRIBUTION			
8. APP CODE A	C	11. AS OF DATE	13. DATE OF SUBS. SUB. See Block 16	a. ADDRESSEE	b. COPIES		
16. REMARKS Preliminary Draft Equipment Publication (PDEP) due 75 calendar days after contract award. Draft Equipment Publication (DEP) due 30 calendar days prior to Government verification. Final Draft Equipment Publication (FDEP) due 45 calendar days after receipt of comments from Government verification. Reproducible copy due 30 calendar days after FDEP comments have been received from Government. NOTE: Government has 30 calendar days to provide comments after each review. Shipping address: Director, ACALA, ATTN: AMSTA-AC-ARPF, Rock Island, IL 61299-7630				Draft	Final		
				PDEP	1		
				DEP	1		
				FDEP	1		
				Reproducible			1
				15. TOTAL ----->			

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY		H. DATE 96/08/09	I. APPROVED BY		J. DATE
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CONTRACT DATA REQUIREMENTS LIST

(2 Data Items)

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM <input checked="" type="checkbox"/> OTHER _____
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D. SYSTEM/ITEM MIA2 Tank/ELRF	E. CONTRACT/PR NO. CPFF	F. CONTRACTOR Litton
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1. DATA ITEM NO. A105	2. TITLE OF DATA ITEM DS and GS Maintenance Manuals	3. SUBTITLE TM 9-1200-206-34 Series
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4. AUTHORITY (Data Acquisition Document No.) MIL-M-63038C	5. CONTRACT REFERENCE WD L3-4, paragraph 2.1	6. REQUIRING OFFICE AMSTA-AC-ARPF
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY See Block 16	12. DATE OF FIRST SUB. See Block 16	14. DISTRIBUTION	
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBS. SUB. See Block 16	a. ADDRESSEE	
				b. COPIES	

16. REMARKS
Preliminary Draft Equipment Publication (PDEP) due 75 calendar days after contract award.

Draft Equipment Publication (DEP) due 30 calendar days prior to Government verification.

Final Draft Equipment Publication (FDEP) due 45 calendar days after receipt of comments from Government verification.

Reproducible copy and Digital (for -1, -2) due 30 calendar days after FDEP comments have been received from Government.

NOTE: Government has 30 calendar days to provide comments after each review.

Shipping address: Director, ACALA, ATTN: AMSTA-AC-ARPF, Rock Island, IL 61299-7630

a. ADDRESSEE	b. COPIES	
	Draft	Final
	Reg	Repro
PDEP	1	
DEP	1	
FDEP	1	
Reproducible		1
Digital		1
15. TOTAL ----->		
	3	1 1

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A106	2. TITLE OF DATA ITEM Operator's Manual	3. SUBTITLE TM 9-2350-288-10 Series
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4. AUTHORITY (Data Acquisition Document No.) MIL-M-63036C	5. CONTRACT REFERENCE WD L3-4, paragraph 2.1	6. REQUIRING OFFICE AMSTA-AC-ARPF
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY See Block 16	12. DATE OF FIRST SUB. See Block 16	14. DISTRIBUTION	
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBS. SUB. See Block 16	a. ADDRESSEE	
				b. COPIES	

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a. ADDRESSEE	b. COPIES	
	Draft	Final
	Reg	Repro
PDEP	1	
DEP	1	
FDEP	1	
Reproducible		1
Digital		1
15. TOTAL ----->		
	3	1 1

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE 96/08/09	I. APPROVED BY	J. DATE
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CONTRACT DATA REQUIREMENTS LIST
(2 Data Items)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. _____ B. EXHIBIT _____ C. CATEGORY: TDP _____ TM OTHER _____

D. SYSTEM/ITEM MIA2 Tank/ELRF E. CONTRACT/PRI NO. CPFF F. CONTRACTOR Litton

1. DATA ITEM NO. A107 2. TITLE OF DATA ITEM Unit Maintenance Manuals 3. SUBTITLE TM 9-2350-288-20 Series

4. AUTHORITY (Data Acquisition Document No.) MIL-M-63038C 5. CONTRACT REFERENCE WD L3-4, paragraph 2.1 6. REQUIRING OFFICE AMSTA-AC-ARPF

7. DD 250 REQ LT 9. DIST STATEMENT REQUIRED C 10. FREQUENCY See Block 16 12. DATE OF FIRST SUB. See Block 16 11. AS OF DATE 13. DATE OF SUBS. SUB. See Block 16

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES	
	Draft	Final
	Reg	Repro
PDEP	1	
DEP	1	
FDEP	1	
Reproducible		1
Digital	1	
15. TOTAL ----->	3	1

16. REMARKS
Preliminary Draft Equipment Publication (PDEP) due 75 calendar days after contract award.
Draft Equipment Publication (DEP) due 30 calendar days prior to Government verification.
Final Draft Equipment Publication (FDEP) due 45 calendar days after receipt of comments from Government verification.
Reproducible copy and Digital due 30 calendar days after FDEP comments have been received from Government.
NOTE: Government has 30 calendar days to provide comments after each review.
Shipping address: Director, ACALA, ATTN: AMSTA-AC-ARPF, Rock Island, IL 61299-7630

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A108 2. TITLE OF DATA ITEM Unit, Direct, and General Support Maintenance Manual 3. SUBTITLE TM 9-2350-288-24P

4. AUTHORITY (Data Acquisition Document No.) MIL-STD-335 5. CONTRACT REFERENCE WD L3-4, paragraph 2.1 6. REQUIRING OFFICE AMSTA-AC-ARPF

7. DD 250 REQ LT 9. DIST STATEMENT REQUIRED C 10. FREQUENCY See Block 16 12. DATE OF FIRST SUB. See Block 16 11. AS OF DATE 13. DATE OF SUBS. SUB. See Block 16

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES	
	Draft	Final
	Reg	Repro
PDEP	1	
DEP	1	
FDEP	1	
Reproducible		1
15. TOTAL ----->	3	1

16. REMARKS
Preliminary Draft Equipment Publication (PDEP) due 75 calendar days after contract award.
Draft Equipment Publication (DEP) due 30 calendar days prior to Government verification.
Final Draft Equipment Publication (FDEP) due 45 calendar days after receipt of comments from Government verification.
Reproducible copy due 30 calendar days after FDEP comments have been received from Government.
NOTE: Government has 30 calendar days to provide comments after each review.
Shipping address: Director, ACALA, ATTN: AMSTA-AC-ARPF, Rock Island, IL 61299-7630

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

PREPARED BY _____ H. DATE 96/08/09 I. APPROVED BY _____ J. DATE _____

CONTRACT DATA REQUIREMENTS LIST (2 Data Items)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 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 or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, 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, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM <input checked="" type="checkbox"/> OTHER _____	
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D. SYSTEM/ITEM M1A2 Tank/ELRF	E. CONTRACT/PR NO. CPFF	F. CONTRACTOR Litton
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1. DATA ITEM NO. A109	2. TITLE OF DATA ITEM	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
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7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUB.	14. DISTRIBUTION		
8. APP CODE		11. AS OF DATE	13. DATE OF SUBS. SUB.	a. ADDRESSEE		b. COPIES
				Draft	Final Reg Repro	

16. REMARKS RESERVED	15. TOTAL>
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. A110	2. TITLE OF DATA ITEM Engineering Accomplishment Report	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80061A	5. CONTRACT REFERENCE WD L3-5, paragraph 2.1	6. REQUIRING OFFICE AMSTA-AR-FSF-DT
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUB. ASREQ	14. DISTRIBUTION		
8. APP CODE A	C	11. AS OF DATE	13. DATE OF SUBS. SUB. ASREQ	a. ADDRESSEE		b. COPIES
				Draft	Final Reg Repro	

16. REMARKS Delete paragraph 7.2 and 7.3 within DID DI-MGMT-80061A. E-mail or IBM compatible software	15. TOTAL>
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE 96/08/09	I. APPROVED BY	J. DATE
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INSTRUCTIONS FOR COMPLETING DD FORM 1423
(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

- Item A. Self-explanatory.
- Item B. Self-explanatory.
- Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management," etc.
- Item D. Enter name of system/item being acquired that data will support.
- Item E. Self-explanatory (to be filled in after contract award).
- Item F. Self-explanatory (to be filled in after contract award).
- Item G. Signature of preparer of CDRL.
- Item H. Date CDRL was prepared.
- Item I. Signature of CDRL approval authority.
- Item J. Date CDRL was approved.
- Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.
- Item 2. Enter title as it appears on data acquisition document cited in Item 4.
- Item 3. Enter subtitle of data item for further definition of data item (optional entry).
- Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-1 (AMSDL), or one-time DID number, that defines data content and format requirements.
- Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).
- Item 6. Enter technical office responsible for ensuring adequacy of the data item.
- Item 7. Specify requirement for inspection/acceptance of the data item by the Government.
- Item 8. Specify requirement for approval of a draft before preparation of the final data item.
- Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).
- Item 10. Specify number of times data items are to be delivered.
- Item 11. Specify as-of date of data item, when applicable.
- Item 12. Specify when first submittal is required.
- Item 13. Specify when subsequent submittals are required, when applicable.
- Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.
- Item 15. Enter total number of draft/final copies to be delivered.
- Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his/its internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

PART I LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED
LSAR DATA RECORD A			
01-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER (Applies to complete A Record)	▲
01-2	023	ALTERNATE LSA CONTROL NUMBER CODE (Applies to complete A Record as needed)	▲
01-3	105	END ITEM ACRONYM CODE	
01-4	414	SERVICE DESIGNATOR CODE	
01-5	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
01-6	098	DRAWING CLASSIFICATION	
01-7	411	SERIAL NUMBER EFFECTIVITY	
01-8	536	USABLE ON CODE	▲
	536	OPTION 1	
	536	OPTION 2	
	536	OPTION 3	
01-9	535	UPDATE CODE (Applies to complete A Record)	▲
02-3	536	USABLE ON CODE	▲
03-3	181	ITEM NAME	
03-4	178	ITEM DESIGNATOR CODE	
03-5	069	CONVERSION FACTOR	
04-3	213	MANUFACTURER'S PART NUMBER	
04-4	133	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
04-5	099	DRAWING NUMBER	
04-6	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
04-7	545	WORK UNIT CODE / TECHNICAL MANUAL FUNCTIONAL GROUP CODE	
05-3	214	MANUFACTURER'S PART NUMBER OVERFLOW	
05-4	100	DRAWING NUMBER OVERFLOW	
06-3,5,7	029	ANNUAL OPERATING REQUIREMENTS	
06-4,6,8	244	MEASUREMENT BASE	
06-9	285	OPERATIONAL REQUIREMENT INDICATOR	
06-10	027	ANNUAL NUMBER OF MISSIONS	
06-11	028	ANNUAL OPERATING DAYS	
06-12	234	MEAN MISSION DURATION	
06-13	244	MEASUREMENT BASE	
06-14	254	MODE OF TRANSPORT	
06-15	499	TOTAL SYSTEMS SUPPORTED	
06-16	073	CREW SIZE	
06-17	268	NUMBER OF OPERATING LOCATIONS	
07-3	051	CARD SEQUENCING CODE	▲
07-4	248	MINIMUM ACCEPTABLE VALUE	
07-4A	235	MEAN TIME BETWEEN FAILURES	
07-4B	236	MEAN TIME BETWEEN MAINTENANCE ACTIONS	
07-4C	244	MEASUREMENT BASE	
07-4D	241	MEAN TIME TO REPAIR	
07-4E	219	MEAN ACTIVE MAINTENANCE DOWNTIME	
07-5	039	BEST OPERATIONAL CAPABILITY	
07-5A	235	MEAN TIME BETWEEN FAILURES	
07-5B	236	MEAN TIME BETWEEN MAINTENANCE ACTIONS	
07-5C	244	MEASUREMENT BASE	
07-5D	241	MEAN TIME TO REPAIR	
07-5E	219	MEAN ACTIVE MAINTENANCE DOWNTIME	
08-3	218	MAXIMUM TIME TO REPAIR	
08-4	312	PERCENTILE	
08-5	158	INHERENT AVAILABILITY	
08-6	003	ACHIEVED AVAILABILITY	
08-7	283	OPERATIONAL AVAILABILITY	
08-8	015	ADMINISTRATIVE AND LOGISTIC DELAY TIME	

▲ Required for automated processing

ATTACHMENT 03

PART I

LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED
LSAR DATA RECORD A (Continued)			
09-3	051	CARD SEQUENCING CODE	▲
09-4	288	OPERATIONS / MAINTENANCE LEVEL	▲
09-5	414	SERVICE DESIGNATOR CODE	▲
09-6	270	NUMBER OF SYSTEMS SUPPORTED	
09-7	534	UNSCHEDULED MAINTENANCE	
09-7A	534	MEAN ELAPSED TIME	
09-7B	534	MEAN MAN-HOURS	
09-8	218	MAXIMUM TIME TO REPAIR	
09-9	312	PERCENTILE	
09-10	210	MAN-HOUR PER OPERATING HOUR	
09-10A	210	SCHEDULED	
09-10B	210	UNSCHEDULED	
09-11	026	ANNUAL MAN-HOURS	
09-11A	026	SCHEDULED	
09-11B	026	UNSCHEDULED	
09-12	508	TURNAROUND	
09-12A	508	MEAN ELAPSED TIME	
09-12B	508	MEAN MAN-HOURS	
10-3	051	CARD SEQUENCING CODE	▲
10-4	288	OPERATIONS / MAINTENANCE LEVEL	▲
10-5	414	SERVICE DESIGNATOR CODE	▲
10-6	079	DAILY INSPECTION	
10-6A	079	MEAN ELAPSED TIME	
10-6B	079	MEAN MAN-HOURS	
10-7	328	PREOPERATIVE INSPECTION	
10-7A	328	MEAN ELAPSED TIME	
10-7B	328	MEAN MAN-HOURS	
10-8	323	POSTOPERATIVE INSPECTION	
10-8A	323	MEAN ELAPSED TIME	
10-8B	323	MEAN MAN-HOURS	
10-9	314	PERIODIC INSPECTION	
10-9A	314	MEAN ELAPSED TIME	
10-9B	314	MEAN MAN-HOURS	
10-10	253	MISSION PROFILE CHANGE	
10-10A	253	MEAN ELAPSED TIME	
10-10B	253	MEAN MAN-HOURS	
11-3	051	CARD SEQUENCING CODE	▲
11-4,10,16	288	OPERATIONS / MAINTENANCE LEVEL	▲
11-5,11,17	414	SERVICE DESIGNATOR CODE	▲
11-6,12,18	423	SKILL SPECIALTY CODE	
11-7,13,19	422	SKILL LEVEL CODE	
11-8,14,20	358	QUANTITY SKILL SPECIALTY CODE AVAILABLE	
11-9,15,21	037	AVAILABLE MAN-HOURS	
12-3	051	CARD SEQUENCING CODE	▲
12-4	181	ITEM NAME	
12-5	271	NUMBER TYPE	
12-6	260	NATIONAL STOCK NUMBER / REFERENCE NUMBER	
12-7	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
13-3	051	CARD SEQUENCING CODE	
13-4	012	ADDITIONAL SPECIFICATIONS / REQUIREMENTS	
LSAR DATA RECORD B			
01-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER (Applies to complete B Record)	▲ X
01-2	023	ALTERNATE LSA CONTROL NUMBER CODE (Applies to complete B Record as needed.)	▲ X
01-3	106	END ITEM ACRONYM CODE	

PART I

LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED
LSAR DATA RECORD B (Continued)			
01-4	414	SERVICE DESIGNATOR CODE	X
01-5	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
01-6	098	DRAWING CLASSIFICATION	X
01-7	411	SERIAL NUMBER EFFECTIVITY	X
01-8	536	USABLE ON CODE	
	536	OPTION 1	
	536	OPTION 2	
	536	OPTION 3	
01-9	535	UPDATE CODE <i>(Applies to complete B, B1, and B2 Records)</i>	
02-3	536	USABLE ON CODE	
03-3	181	ITEM NAME	X
03-4	178	ITEM DESIGNATOR CODE	
03-5	069	CONVERSION FACTOR	X
04-3	213	MANUFACTURER'S PART NUMBER	X
04-4	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	X
04-5	099	DRAWING NUMBER	
04-6	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	X
04-7	545	WORK UNIT CODE / TECHNICAL MANUAL FUNCTIONAL GROUP CODE	
05-3	214	MANUFACTURER'S PART NUMBER OVERFLOW	
05-4	100	DRAWING NUMBER OVERFLOW	
06-3	195	LOGISTIC CONSIDERATIONS	
06-4	040	BUILT IN TEST APPLICATION	
06-4A	040	DETECTABILITY LEVEL PERCENTAGE	
06-4B	040	FAULT ISOLATION	
06-5	040	BUILT IN TEST APPLICATION	
06-5A	040	DETECTABILITY LEVEL PERCENTAGE	
06-5B	040	FAULT ISOLATION	
06-6	041	BUILT IN TEST CANNOT DUPLICATE PERCENTAGE	
06-7	042	BUILT IN TEST RETEST OK PERCENTAGE	
06-8	321	PILOT REWORK / OVERHAUL CANDIDATE	
06-9	165	INTERIM CONTRACTOR SUPPORT	
06-10	152	HARDNESS CRITICAL ITEM	X
06-11	158	INHERENT AVAILABILITY	
06-12	003	ACHIEVED AVAILABILITY	
06-13	283	OPERATIONAL AVAILABILITY	
06-14	540	WEAROUT LIFE	
06-15	244	MEASUREMENT BASE	
06-16	015	ADMINISTRATIVE AND LOGISTIC DELAY TIME	
07-3	379	RELIABILITY / MAINTAINABILITY INDICATOR CODE	X
07-4	235	MEAN TIME BETWEEN FAILURES	X
07-5	236	MEAN TIME BETWEEN MAINTENANCE ACTIONS	
07-6	153	INHERENT MAINTENANCE FACTOR	
07-7	238	MEAN TIME BETWEEN MAINTENANCE INHERENT	
07-8	151	GROWTH RATE	
07-9	237	MEAN TIME BETWEEN MAINTENANCE INDUCED	
07-10	239	MEAN TIME BETWEEN MAINTENANCE NO DEFECT	
07-11	240	MEAN TIME BETWEEN PREVENTIVE MAINTENANCE	
07-12	244	MEASUREMENT BASE	
07-13	241	MEAN TIME TO REPAIR	X
07-14	218	MAXIMUM TIME TO REPAIR	
07-15	312	PERCENTILE	
08-3	051	CARD SEQUENCING CODE	
08-4	179	ITEM FUNCTION	

PART I

LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED
LSAR DATA RECORD B (Continued)			
09-3	051	CARD SEQUENCING CODE	X
09-4	348	QUALITATIVE AND QUANTITATIVE MAINTAINABILITY REQUIREMENTS	X
10-3	051	CARD SEQUENCING CODE	X
10-4	204	MAINTENANCE CONCEPT	X
11-3	128	FAILURE MODE INDICATOR	X
11-4	051	CARD SEQUENCING CODE	X
11-5	333	PREVENTIVE MAINTENANCE	X
11-5A	377	RELIABILITY CENTERED MAINTENANCE LOGIC RESULTS	X
11-5B	095	DISPOSITION	
11-5C	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER	
11-5D	023	ALTERNATE LSA CONTROL NUMBER CODE	X
11-5E	467	TASK CODE	
11-5F	476	TASK TIME	
11-5G	194	LOGIC UTILIZED	
12-3	128	FAILURE MODE INDICATOR	
12-4	051	CARD SEQUENCING CODE	
12-5	466	SYSTEM REDESIGN: RECOMMENDATION, DISPOSITION, RESULTS, REMARKS	
LSAR DATA RECORD B1			
13-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER (Applies to complete B1 Record)	X
13-2	023	ALTERNATE LSA CONTROL NUMBER CODE (Applies to complete B1 Record as needed.)	X
13-3	128	FAILURE MODE INDICATOR	X
13-4	051	CARD SEQUENCING CODE	X
13-5	126	FAILURE MODE CODE	X
13-6	125	FAILURE MODE AND CAUSE / DAMAGE MODE	
13-7	251	MISSION PHASE CODE	X
13-8	252	MISSION PHASE / OPERATIONAL MODE	
13-9	131	FAILURE PROBABILITY LEVEL	
13-10	396	SAFETY HAZARD SEVERITY CODE	
14-3	128	FAILURE MODE INDICATOR	X
14-4	051	CARD SEQUENCING CODE	X
14-5	123	FAILURE EFFECT CODE	X
14-6	120	FAILURE / DAMAGE EFFECTS: LOCAL, NEXT HIGHER, END EFFECT	X
15-3	128	FAILURE MODE INDICATOR	X
15-4	051	CARD SEQUENCING CODE	X
15-5	122	FAILURE DETECTION METHOD CODE	X
15-6	121	FAILURE DETECTION METHOD	X
15-7	057	COMPENSATING PROVISIONS	X
LSAR DATA RECORD B2			
16-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER (Applies to complete B2 Record)	X
16-2	023	ALTERNATE LSA CONTROL NUMBER CODE (Applies to complete B2 Record as needed.)	X
16-3	128	FAILURE MODE INDICATOR	X
16-4	051	CARD SEQUENCING CODE	X
16-5	133	FAILURE RATE DATA SOURCE	
16-6	251	MISSION PHASE CODE	
16-7	396	SAFETY HAZARD SEVERITY CODE	
16-8	124	FAILURE EFFECT PROBABILITY	
16-9	129	FAILURE MODE RATIO	
16-10	132	FAILURE RATE	
16-11	280	OPERATING TIME	
16-12	127	FAILURE MODE CRITICALITY NUMBER	
16-13	176	ITEM CRITICALITY NUMBER	
17-3	128	FAILURE MODE INDICATOR	X
17-4	051	CARD SEQUENCING CODE	X
17-5	130	FAILURE PREDICTABILITY	X

PART I

LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED
LSAR DATA RECORD B2 (Continued)			
18-3	128	FAILURE MODE INDICATOR ▲	
18-4	051	CARD SEQUENCING CODE ▲	
18-5,9	197	LOGISTICS SUPPORT ANALYSIS CONTROL NUMBER	
18-6,10	023	ALTERNATE LSA CONTROL NUMBER CODE	
18-7,11	467	TASK CODE	
18-8,12	476	TASK TIME	
LSAR DATA RECORD C			
01-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER <i>(Applies to complete C Record)</i> ▲	X
01-2	023	ALTERNATE LSA CONTROL NUMBER CODE <i>(Applies to complete C Record as needed.)</i> ▲	X
01-3	106	END ITEM ACRONYM CODE	
01-4	414	SERVICE DESIGNATOR CODE	
01-5	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
01-6	098	DRAWING CLASSIFICATION	
01-7	411	SERIAL NUMBER EFFECTIVITY	X
01-8	536	USABLE ON CODE ▲	X
	536	OPTION 1	
	536	OPTION 2	
	536	OPTION 3	
01-9	535	UPDATE CODE <i>(Applies to complete C Record)</i> ▲	X
02-3	536	USABLE ON CODE ▲	
03-3	181	ITEM NAME	
03-4	178	ITEM DESIGNATOR CODE	
03-5	069	CONVERSION FACTOR	
04-3	213	MANUFACTURER'S PART NUMBER	
04-4	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
04-5	099	DRAWING NUMBER	
04-6	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
04-7	545	WORK UNIT CODE/TECHNICAL MANUAL FUNCTIONAL GROUP CODE	
05-3	214	MANUFACTURER'S PART NUMBER OVERFLOW	
05-4	100	DRAWING NUMBER OVERFLOW	
06-3	467	TASK CODE ▲	X
06-4	470	TASK FREQUENCY	X
06-5	244	MEASUREMENT BASE	X
06-6	472	TASK IDENTIFICATION	X
06-7	473	TASK IDENTIFICATION CODE	
06-8	394	REQUIREMENTS FOR	
06-8A	394	FACILITIES REQUIREMENTS CODE	
06-8B	394	TRAINING EQUIPMENT REQUIREMENTS CODE	
06-8C	394	TOOL/SUPPLY EQUIPMENT REQUIREMENTS CODE	
06-9	242	MEANS OF DETECTION	
06-10	155	HAZARDOUS MAINTENANCE PROCEDURES CODE	
06-11	153	HARDNESS CRITICAL PROCEDURES	
06-12	479	TECHNICAL MANUAL CODE	
LSAR DATA RECORD D			
01-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER <i>(Applies to complete D Record except DO2)</i> ▲	X
01-2	023	ALTERNATE LSA CONTROL NUMBER CODE <i>(Applies to complete D Record as needed except DO21)</i> ▲	X
01-3	467	TASK CODE	X
01-4	473	TASK IDENTIFICATION CODE ▲	
01-5	472	TASK IDENTIFICATION	X
01-6	535	UPDATE CODE <i>(Applies to D and DT Record)</i> ▲	
02-1	473	TASK IDENTIFICATION CODE	
02-2	406	SEQUENCE LINE NUMBER ▲	
02-3	403	SEQUENCE INSERTION LINE NUMBER ▲	
02-4	451	SUBTASK/TASK ELEMENT CODE	

PART I

LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED
LSAR DATA RECORD D (Continued)			
02-5	410	SEQUENTIAL TASK DESCRIPTION	X
02-6	544	WORK AREA CODE	
02-7	316	PERSON IDENTIFIER	
02-8	223	MEAN MAN-MINUTES	X
02-9	232	MEAN MINUTE ELAPSED TIME	X
03-3	467	TASK CODE	
03-4	051	CARD SEQUENCING CODE	▲
03-5	406	SEQUENCE LINE NUMBER	▲
03-5	403	SEQUENCE INSERTION LINE NUMBER	▲
03-7	376	REFERENCED TASK	
03-7A	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER	
03-7B	023	ALTERNATE LSA CONTROL NUMBER CODE	
03-7C	467	TASK CODE	
03-7D	473	TASK IDENTIFICATION CODE	▲
03-7E	407	SEQUENCE LINE NUMBER FROM	▲
03-7F	404	SEQUENCE INSERTION LINE NUMBER FROM	
03-7G	408	SEQUENCE LINE NUMBER TO	▲
03-7H	405	SEQUENCE INSERTION LINE NUMBER TO	
04-3	467	TASK CODE	
04-4	425	SKILL SPECIALTY CODE - A	
04-5	224	MEAN MAN-MINUTES PER SKILL SPECIALTY CODE - A	
04-6	426	SKILL SPECIALTY CODE - B	
04-7	225	MEAN MAN-MINUTES PER SKILL SPECIALTY CODE - B	
04-8	427	SKILL SPECIALTY CODE - C	
04-9	226	MEAN MAN-MINUTES PER SKILL SPECIALTY CODE - C	
04-10	428	SKILL SPECIALTY CODE - D	
04-11	227	MEAN MAN-MINUTES PER SKILL SPECIALTY CODE - D	
04-12	233	MEAN MINUTES TOTAL ELAPSED TIME	
05-3	467	TASK CODE	
05-4	429	SKILL SPECIALTY CODE - E	
05-5	228	MEAN MAN-MINUTES PER SKILL SPECIALTY CODE - E	
05-6	430	SKILL SPECIALTY CODE - F	
05-7	229	MEAN MAN-MINUTES PER SKILL SPECIALTY CODE - F	
05-8	431	SKILL SPECIALTY CODE - G	
05-9	230	MEAN MAN-MINUTES PER SKILL SPECIALTY CODE - G	
05-10	432	SKILL SPECIALTY CODE - H	
05-11	231	MEAN MAN-MINUTES PER SKILL SPECIALTY CODE - H	
LSAR DATA RECORD D1			
06-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER (Applies to complete D1 Record)	▲
06-2	023	ALTERNATE LSA CONTROL NUMBER CODE (Applies to complete D1 Record as needed)	▲
06-3	467	TASK CODE	▲
06-4	051	CARD SEQUENCING CODE	▲
06-5	220	MEAN ELAPSED TIME	▲
06-5A	220	PREDICTED	
06-5B	220	MEASURED	
06-6	456	SUPPORT EQUIPMENT GROUPING	
06-7	317	PERSONNEL SUMMARY	
06-7A	316	PERSON IDENTIFIER	
06-7B	422	SKILL LEVEL CODE	
06-7C	423	SKILL SPECIALTY CODE	
06-7D	433	SKILL SPECIALTY EVALUATION CODE	
06-7E	269	NUMBER OF PERSONS PER SKILL SPECIALTY CODE	
06-7F	222	MEAN MAN-HOURS PER SKILL SPECIALTY CODE	

PART I

LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED
LSAR DATA RECORD D1 (Continued)			
06-7F-1	222	PREDICTED MEAN MAN-HOURS	X
06-7F-2	222	MEASURED MAN-HOURS	
06-7G	468	TASK CONDITION	X
06-7H	313	PERFORMANCE STANDARDS	
06-7I	504	TRAINING RECOMMENDATION	
06-7J	503	TRAINING RATIONALE	
06-7K	502	TRAINING LOCATION RATIONALE	
06-7L	469	TASK CRITICALITY	
07-3	467	TASK CODE	▲ X
07-4	460	SUPPORT ITEM SEQUENCE CODE	▲ X
07-5	372	REFERENCE NUMBER	X
07-6	421	SIGNIFICANT CHARACTER CODE	
07-7	175	ITEM CATEGORY CODE	
07-8	181	ITEM NAME	X
07-9	354	QUANTITY PER TASK	X
07-10	524	UNIT OF MEASURE	X
07-11	152	HARDNESS CRITICAL ITEM	X
LSAR DATA RECORD E			
01-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER (Applies to complete E Record)	▲
01-2	023	ALTERNATE LSA CONTROL NUMBER CODE (Applies to complete E Record as needed)	▲
01-3	106	END ITEM ACRONYM CODE	
01-4	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
01-5	098	DRAWING CLASSIFICATION	
01-6	411	SERIAL NUMBER EFFECTIVITY	
01-7	414	SERVICE DESIGNATOR CODE	
01-8	211	MANAGING COMMAND / AGENCY	
01-9	458	SUPPORT EQUIPMENT RECOMMENDATION DATA NUMBER	
01-10	459	SUPPORT EQUIPMENT RECOMMENDATION DATA NUMBER SUPERSEDED	
01-11	065	CONTRACTOR FURNISHED EQUIPMENT / GOVERNMENT FURNISHED EQUIPMENT	
01-12	066	CONTRACTOR TECHNICAL INFORMATION CODE	
01-13	535	UPDATE CODE (Applies to E and E1 Records)	▲
02-3	181	ITEM NAME	
02-4	178	ITEM DESIGNATOR CODE	
02-5	063	CONTRACT NUMBER	
03-3	213	MANUFACTURER'S PART NUMBER	
03-4	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
03-5	099	DRAWING NUMBER	
03-6	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
03-7	134	FAMILY GROUP	
03-8	148	GENERIC CODE	
03-9	196	LOGISTIC CONTROL CODE	
03-10	102	ECONOMIC ANALYSIS	
03-11	256	MODIFICATION OR CHANGE	
03-12	198	LSA RECOMMENDATION CODE	
04-3	214	MANUFACTURER'S PART NUMBER OVERFLOW	
04-4	100	DRAWING NUMBER OVERFLOW	
05-3	259	NATIONAL STOCK NUMBER AND RELATED DATA	
05-4	536	USABLE ON CODE	
06-3	288	OPERATIONS / MAINTENANCE LEVEL	
06-4	436	SOURCE, MAINTENANCE, AND RECOVERABILITY CODE	
06-5	510	TYPE CLASSIFICATION	
06-6	190	LIFE SPAN	
06-7	189	LIFE CYCLE STATUS	
06-8	109	ESTIMATED DEVELOPMENT TIME FIRST ARTICLE	

PART I

LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED
LSAR DATA RECORD E (Continued)			
06-9	336	PRODUCTION LEAD TIME	
06-10	547	YEAR OF FIELDING	
06-11	456	SUPPORT EQUIPMENT GROUPING	
06-12	330	PRE-POSITION CODE	
06-13	400	SELF TEST	
06-14	092	DEVELOPMENT STANDARD	
06-15	074	CRITICAL SUPPORT EQUIPMENT	
06-16	457	SUPPORT EQUIPMENT REQUIRED	
06-17	097	DOCUMENT IDENTIFIER CODE	
06-18	392	REPORTABLE ITEM CONTROL CODE	
06-19	048	CALIBRATION STANDARD	
06-20	047	CALIBRATION REQUIRED	
06-21	045	CALIBRATION INTERVAL	
06-22	049	CALIBRATION TIME	
06-23	046	CALIBRATION ITEM	
06-24	485	TEST POINTS	
06-25	483	TEST LANGUAGE	
07-3	175	ITEM CATEGORY CODE	
07-4	278	OPERATING CHARACTERISTICS	
07-5	450	STORAGE CHARACTERISTICS	
07-6	192	LINE ITEM NUMBER	
08-3	519	UNIT COST NONRECURRING	
08-4	528	UNIT PRICE MARKER	
08-5	520	UNIT COST RECURRING	
08-6	528	UNIT PRICE MARKER	
08-7	112	EXTENDED UNIT PRICE	
08-8	277	OPERATING AND SUPPORT COST	
08-9	235	MEAN TIME BETWEEN FAILURES	
08-10	236	MEAN TIME BETWEEN MAINTENANCE ACTIONS	
08-11	241	MEAN TIME TO REPAIR	
09-3	051	CARD SEQUENCING CODE	▲
09-4	414	SERVICE DESIGNATOR CODE	
09-5	446	SPECIFIC AUTHORIZATION	
09-6	497	TOTAL QUANTITY	
09-7	423	SKILL SPECIALTY CODE	
09-8	291	OPERATOR'S MANUAL	
10-3	051	CARD SEQUENCING CODE	▲
10-4	146	FUNCTIONS TO BE PERFORMED, C AND D RECORDS	
11-3	051	CARD SEQUENCING CODE	▲
11-4	305	PARAMETERS MEASURED	
11-5	008	ADAPTER/INTERCONNECTION DEVICE REQUIRED	
11-6	402	SENSORS OR TRANSDUCERS	
11-7	160	INPUT POWER SOURCE	
12-3	051	CARD SEQUENCING CODE	▲
12-4	007	ADAPTER/INTERCONNECTION DEVICE(S)	
13-3	051	CARD SEQUENCING CODE	▲
13-4	034	ATE/TMOE TEST PROGRAM	
14-3	051	CARD SEQUENCING CODE	▲
14-4	486	TEST PROGRAM INSTRUCTION	
15-3	051	CARD SEQUENCING CODE	▲
15-4	163	INSTALLATION FACTORS OR OTHER FACILITIES	
16-3	051	CARD SEQUENCING CODE	▲
16-4	447	SPECIFICATION, CHARACTERISTICS, DESCRIPTION AND FUNCTION	
17-3	051	CARD SEQUENCING CODE	▲

LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED
LSAR DATA RECORD E (Continued)			
17-4	011	ADDITIONAL SKILLS AND SPECIAL TRAINING REQUIREMENTS	
18-3	051	CARD SEQUENCING CODE	▲
18-4	183	JUSTIFICATION	
19-3	051	CARD SEQUENCING CODE	▲
19-4	050	CARD REFERENCE	
19-5	111	EXPLANATION	
LSAR DATA RECORD E1			
20-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER	▲
20-2	023	ALTERNATE LSA CONTROL NUMBER CODE	▲
20-3	181	ITEM NAME	
20-4	213	MANUFACTURER'S PART NUMBER	
20-5	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
20-6	488	TEST REQUIREMENTS DOCUMENT NUMBER	
20-7	069	CONVERSION FACTOR	
21-3	214	MANUFACTURER'S PART NUMBER OVERFLOW	
22-4	306	PARAMETERS TO BE MEASURED	
22-5	449	STANDARDS FOR COMPARISON	
22-6	070	COORDINATED TEST PLAN	
22-7	477	TECHNICAL DATA PACKAGE	
22-8	400	SELF-TEST	
22-9	484	TEST, MEASUREMENT AND DIAGNOSTIC EQUIPMENT REGISTER INDEX NUMBER	
23-3	051	CARD SEQUENCING CODE	▲
23-4	007	ADAPTER / INTERCONNECTION DEVICE(S)	
24-3	051	CARD SEQUENCING CODE	▲
24-4	282	OPERATIONAL ATE / TMDE TEST PROGRAM	
25-3	051	CARD SEQUENCING CODE	▲
25-4	286	OPERATIONAL TEST PROGRAM INSTRUCTION	
26-3	051	CARD SEQUENCING CODE	▲
26-4	136	FAULT ISOLATION	
26-5	135	FAULT ISOLATED REPLACEABLE UNITS	
27-3	051	CARD SEQUENCING CODE	▲
27-4	163	INSTALLATION FACTORS OR OTHER FACILITIES	
28-3	051	CARD SEQUENCING CODE	▲
28-4	183	JUSTIFICATION	
29-3	051	CARD SEQUENCING CODE	▲
29-4	447	SPECIFICATIONS, CHARACTERISTICS, DESCRIPTION AND FUNCTION	
30-3	051	CARD SEQUENCING CODE	▲
30-4	050	CARD REFERENCE	
30-5	112	EXPLANATION	
LSAR DATA RECORD F			
01-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER <i>(Applies to complete F Record)</i>	▲
01-2	023	ALTERNATE LSA CONTROL NUMBER CODE <i>(Applies to complete F Record as needed)</i>	▲
01-3	106	END ITEM ACRONYM CODE	
01-4	414	SERVICE DESIGNATOR CODE	
01-5	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
01-6	098	DRAWING CLASSIFICATION	
01-7	181	ITEM NAME <i>(FACILITY)</i>	
01-8	118	FACILITY CATEGORY CODE	
01-9	031	AREA	
01-10	524	UNIT OF MEASURE	
01-11	535	UPDATE CODE <i>(Applies to complete F Record)</i>	▲
02-3	051	CARD SEQUENCING CODE	▲
02-4,7,10	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER	

PART I

LSAR DATA SELECTION SHEET

CARD/ BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQUIRED
LSAR DATA RECORD F (Continued)			
02-5,8,11	023	ALTERNATE LSA CONTROL NUMBER CODE	
02-6,9,12	467	TASK CODE	
03-3	051	CARD SEQUENCING CODE	▲
03-4	115	FACILITIES REQUIREMENTS	
04-3	051	CARD SEQUENCING CODE	▲
04-4	113	FACILITIES DESIGN CRITERIA	
05-3	051	CARD SEQUENCING CODE	▲
05-4	114	FACILITIES INSTALLATION LEAD TIMES	
06-3	051	CARD SEQUENCING CODE	▲
06-4	513	TYPE OF CONSTRUCTION	
07-3	051	CARD SEQUENCING CODE	▲
07-4	537	UTILITIES REQUIREMENTS	
08-3	051	CARD SEQUENCING CODE	▲
08-4	117	FACILITIES UTILIZATION	
09-3	051	CARD SEQUENCING CODE	▲
09-4	119	FACILITY UNIT COST RATIONALE	
10-3	051	CARD SEQUENCING CODE	▲
10-4	123	JUSTIFICATION	
LSAR DATA RECORD G			
01-1	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER <i>(Applies to complete G Record)</i>	▲
01-2	023	ALTERNATE LSA CONTROL NUMBER CODE <i>(Applies to complete G Record as needed)</i>	▲
01-3	424	SKILL SPECIALTY CODE ASSIGNED NEW DUTY POSITION	▲
01-4	106	END ITEM ACRONYM CODE	
01-5	414	SERVICE DESIGNATOR CODE	
01-6	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	
01-7	098	DRAWING CLASSIFICATION	
01-8	411	SERIAL NUMBER EFFECTIVITY	
01-9	535	UPDATE CODE <i>(Applies to complete G Record)</i>	▲
02-3	424	SKILL SPECIALTY CODE ASSIGNED NEW DUTY POSITION	▲
02-4	101	DUTY POSITION REQUIRING A NEW OR REVISED SKILL	
02-5	434	SKILL SPECIALTY FROM WHICH PERSONNEL CAN BE OBTAINED	
02-6	489	TEST SCORE	
02-7	399	SECURITY CLEARANCE	
02-8	366	RECOMMENDED RANK /RATE /PAY PLAN /GRADE	
03-3	424	SKILL SPECIALTY CODE ASSIGNED NEW DUTY POSITION	▲
03-4	051	CARD SEQUENCING CODE	▲
03-5,8	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER	
03-6,9	023	ALTERNATE LSA CONTROL NUMBER CODE	
03-7,10	467	TASK CODE	
04-3	424	SKILL SPECIALTY CODE ASSIGNED NEW DUTY POSITION	▲
04-4	051	CARD SEQUENCING CODE	▲
04-5	010	ADDITIONAL SKILL REQUIREMENT: SKILL REQUIRING A NEW OR REVISED CODE	
05-3	424	SKILL SPECIALTY CODE ASSIGNED NEW DUTY POSITION	▲
05-4	051	CARD SEQUENCING CODE	▲
05-5	319	PHYSICAL AND MENTAL REQUIREMENTS	
06-3	424	SKILL SPECIALTY CODE ASSIGNED NEW DUTY POSITION	▲
06-4	051	CARD SEQUENCING CODE	▲
06-5	103	EDUCATIONAL QUALIFICATIONS: ACADEMIC SUBJECTS, SPECIAL SUBJECTS, DEGREES, LICENSES, ETC	
07-3	424	SKILL SPECIALTY CODE ASSIGNED NEW DUTY POSITION	▲
07-4	051	CARD SEQUENCING CODE	▲
07-5	013	ADDITIONAL TRAINING REQUIREMENTS	
08-3	424	SKILL SPECIALTY CODE ASSIGNED NEW DUTY POSITION	▲
08-4	051	CARD SEQUENCING CODE	▲

PART II

LSAR DATA SELECTION SHEET

LSA-036 REPORT SELECTION

		R E O D	L T I L	P P L	S F P P L	C B I L	R I L	I S I L	P C L	T T E L	S C P L	D C N
SEQUENCE												
LOGISTIC SUPPORT ANALYSIS RECORD CONTROL NUMBER		M		M								M
TOPDOWN DISASSEMBLY												
REFERENCE NUMBER												
REFERENCE DESIGNATION												
MEDIA												
HARD COPY		M		M								M
EAM PUNCHED CARDS												
MAGNETIC TAPE:												
7-TRACK	<input type="checkbox"/>											
EVEN PARITY	<input type="checkbox"/>											
BCD CODED	<input type="checkbox"/>											
9-TRACK	<input type="checkbox"/>											
ODD PARITY	<input type="checkbox"/>											
EBCDIC CODED	<input type="checkbox"/>											
800 BPI	<input type="checkbox"/>											
1600 BPI	<input type="checkbox"/>											
6250 BPI	<input type="checkbox"/>											
NUMBER OF RECORDS PER BLOCK IS:												
ASCI Disc 342"												
HEADER DATA												
PROCUREMENT INSTRUMENT IDENTIFICATION (PIIN/SPIN)		M		M								M
NOMENCLATURE OR MODEL OR TYPE NUMBER												
CONTROL DATA												
PRIME FEDERAL SUPPLY CODE FOR MANUFACTURERS (FSCM)		M		M								M
SUBMISSION CONTROL CODE												
DATE (YYMMDD)		M		M								M

H R E C O R D C A R D A N D B L O C K N U M B E R	LSA-036 R E P O R T C A R D A N D B L O C K N U M B E R	DED N O.	DATA ELEMENT NAME	R E O D	L T I L	P P L	S F P P L	C B I L	R I L	I S I L	P C L	T T E L	S C P L	D C N
			AUTOMATED	M		M								M
			MANUAL											
01-1	A-6	372	REFERENCE NUMBER (All H cards)	M		M								M
01-2		421	SIGNIFICANT CHARACTER CODE (All H cards as required)	A										A
01-3		345	PROVISIONING SYSTEM IDENTIFIER CODE (All H cards)											
01-4	A-5	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	M		M								M
01-5	A-7	373	REFERENCE NUMBER CATEGORY CODE	M		M								M
01-6	A-10	337	PROGRAM PARTS SELECTION LIST	A										A
01-7	A-8	375	REFERENCE NUMBER VARIATION CODE											
01-8	A-9	096	DOCUMENT AVAILABILITY CODE											
01-9	A-12	181	ITEM NAME	M		M								M
01-10		346	PROVISIONING TECHNICAL DOCUMENTATION SELECTION CODE	M										M
01-11	B-21	355	QUANTITY PER UNIT PACK	M		M								M
01-12	C-37	498	TOTAL QUANTITY RECOMMENDED											
01-13	B-24	336	PRODUCTION LEAD TIME	M		M								M
01-14	D-48	441	SPECIAL MATERIAL CONTENT CODE	A										A
01-15	D-49	341	PROVISIONING LIST CATEGORY CODE	A										A
01-16	D-50	439	SPECIAL MAINTENANCE ITEM CODE	A										A
01-17	B-25	152	HARDNESS CRITICAL ITEM	A										A

▲ Required for automated processing

M = mandatory
A = AS req. used

PART II

LSAR DATA SELECTION SHEET

H/H1 RECORD CARD AND BLOCK NUMBER	LSA-036 REPORT CARD AND BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	R E O D	L T I L	P P L	S F P L	C B I L	R I L	I S I L	P C L	T T E L	S C P L	D C N
01-18	B-27	325	PRECIOUS METAL INDICATOR CODE	M		M								M
01-19		535	UPDATE CODE <i>(Applies to complete H Record)</i>	▲	M									M
02-4		374	REFERENCE NUMBER OVERFLOW	A		A								A
02-5	B-15	259	NATIONAL STOCK NUMBER AND RELATED DATA											
02-6	B-18	521	UNIT OF ISSUE	M		M								M
02-7	B-19	523	UNIT OF ISSUE PRICE	M		M								M
02-8	B-20	522	UNIT OF ISSUE CONVERSION FACTOR	M		M								M
02-9	A-13	415	SHELF-LIFE	M		M								M
02-10	A-14	416	SHELF-LIFE ACTION CODE											
03-4		051	CARD SEQUENCING CODE	▲	M									M
03-5	A-6	009	ADDITIONAL REFERENCE NUMBER	A		A								A
03-6	A-5	139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	M		M								M
03-7	A-7	373	REFERENCE NUMBER CATEGORY CODE	M		M								M
03-8	A-8	375	REFERENCE NUMBER VARIATION CODE	M		M								M
03-9	C-40	216	MAXIMUM ALLOWABLE OPERATING TIME											
03-10	C-41	203	MAINTENANCE ACTION CODE	A		A								A
03-11	B-26	320	PHYSICAL SECURITY / PILFERAGE CODE	M		M								M
03-12	B-28	035	AUTOMATIC DATA PROCESSING EQUIPMENT CODE											
03-13	D-51	020	ALLOWANCE ITEM CODE	M		M								M
** 03-14	D-52	021	ALLOWANCE ITEM QUANTITY	A		A								A
04-4		051	CARD SEQUENCING CODE	▲	M									M
04-5	B-17	525	UNIT OF MEASURE PRICE	M		M								M
04-6		201	LOT QUANTITY	M										M
04-7		075	CURRENT PRODUCTION CODE	M										M
04-8		514	TYPE OF UNIT OF MEASURE PRICE CODE	M										M
04-9		347	PROVISIONING UNIT OF MEASURE PRICE CODE	M										M
04-10		141	FISCAL YEAR	A										A
04-11	B-16	524	UNIT OF MEASURE	M		M								M
04-12	E-62	066	CONTRACTOR TECHNICAL INFORMATION CODE	A										A
04-13	E-63	004	ACQUISITION METHOD CODE	M										M
04-14	E-65	005	ACQUISITION METHOD SUFFIX CODE	M										M
04-15		139	FEDERAL SUPPLY CODE FOR MANUFACTURERS	A										A
05-4	J-86	038	BASIS OF ISSUE	A										A
			LSAR DATA RECORD H1											
			AUTOMATED	M		M								M
			MANUAL											
09-1	A-6	372	REFERENCE NUMBER	▲	M		M							M
09-2		421	SIGNIFICANT CHARACTER CODE	A										A
09-3	H-76	197	LOGISTIC SUPPORT ANALYSIS CONTROL NUMBER <i>(All H1 cards)</i>	▲	M									M
09-4	H-77	023	ALTERNATE LSA CONTROL NUMBER <i>(All H1 cards as required)</i>	A										A
09-5		345	PROVISIONING SYSTEM IDENTIFIER CODE											
09-6		051	CARD SEQUENCING CODE	▲	M									M
09-7	D-44	536	USABLE ON CODE	▲	M		M							M
			OPTION 1											
			OPTION 2											
			OPTION 3											
09-8		535	UPDATE CODE <i>(All H1 cards)</i>	▲	M									M
10-6		051	CARD SEQUENCING CODE	▲	M									M
10-7	A-1	340	PROVISIONING CONTRACT CONTROL NUMBER	M		M								M
10-8	A-4	157	INDENTURE CODE	M		M								M
			ATTACHING HARDWARE											

PART II

LSAR DATA SELECTION SHEET

H1 RECORD CARD AND BLOCK NUMBER	LSA-036 REPORT CARD AND BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	R E Q D	L I M I T	P P L	S F P P L	C B I L	R I L	I S I L	P C L	T T E L	S C P L	D C N
			OPTION 1											
			OPTION 2											
			OPTION 3											
			OPTION 4	m		m								m
			OPTION 5											
			KIT											
			OPTION 1											
			OPTION 2											
			OPTION 3											
10-9	A-2	342	PROVISIONING LIST ITEM SEQUENCE NUMBER	m		m								m
10-10	A-3	509	TYPE OF CHANGE CODE											
10-11	C-33	352	QUANTITY PER END ITEM	m		m								m
			OPTION 1	m		m								m
			OPTION 2											
10-12	C-29	261	NEXT HIGHER ASSEMBLY PROVISIONING LIST ITEM SEQUENCE NUMBER	m		m								m
10-13	C-30	262	NHA PLISN INDICATOR	A		A								A
10-14	C-31	298	OVERHAUL REPLACEMENT RATE											
10-15	C-38	397	SAME AS PROVISIONING LIST ITEM SEQUENCE NUMBER	A		A								A
10-16	C-39	335	PRIOR ITEM PROVISIONING LIST ITEM SEQUENCE NUMBER											
10-17	C-32	351	QUANTITY PER ASSEMBLY	m		m								m
			OPTION 1	m		m								m
			OPTION 2											
10-18		080	DATA RECORD STATUS CODE	A										A
10-19		461	SUPPRESSION INDICATOR CODE	A										A
11-6		175	ITEM CATEGORY CODE	A										A
11-7	B-22	436	SOURCE, MAINTENANCE, RECOVERABILITY CODE	m		m								m
11-8	B-23	082	DEMILITARIZATION CODE	m		m								m
11-9	B-34	206	MAINTENANCE REPLACEMENT RATE 1	m		m								m
			OPTION 1											
			OPTION 2	m		m								m
11-10	B-35	207	MAINTENANCE REPLACEMENT RATE II	m		m								m
			OPTION 1											
			OPTION 2	m		m								m
11-11	B-36	208	MAINTENANCE REPLACEMENT RATE MODIFIER	m		m								m
11-12	E-58	209	MAINTENANCE TASK DISTRIBUTION	m		m								m
12-6	A-11	108	ESSENTIALITY CODE	m		m								m
12-7	C-43	193	LINE REPLACEABLE UNIT	A		A								A
12-8	C-42	266	NOT REPARABLE THIS STATION											
12-9	D-59	386	REPAIR SURVIVAL RATE											
12-10	D-53	250	MINIMUM REPLACEMENT UNIT											
12-11	D-55	364	RECOMMENDED INITIAL SYSTEM STOCK BUY											
12-12	D-54	365	RECOMMENDED MINIMUM SYSTEM STOCK LEVEL											
12-13	D-56	367	RECOMMENDED TENDER LOAD LIST QUANTITY											
12-14	E-61	090	DESIGNATED REWORK POINT											
13-6	E-59	385	REPAIR CYCLE TIME	m		m								m
			OPTION 1											
			OPTION 2	m		m								m
13-7	E-60	391	REPLACEMENT TASK DISTRIBUTION	m		m								m
14-6		051	CARD SEQUENCING CODE	m										m
14-7	D-45	369	REFERENCE DESIGNATION	m										m

PART II

LSAR DATA SELECTION SHEET

H1 RECORD CARD AND BLOCK NUMBER	LSA-036 REPORT CARD AND BLOCK NUMBER	DED NO.	DATA ELEMENT NAME	REQD	LTIEL	PPL	SFPL	CBIL	RIL	ISIL	PCL	TTEL	SCPL	DCN
			REFERENCE DESIGNATION ORIENTED EQUIPMENTS											
			OPTION 1											
			OPTION 2											
			NON-REFERENCE DESIGNATION ORIENTED EQUIPMENTS											
			OPTION 3											
			OPTION 4											
			OPTION 5											
14-8	D-46	371	REFERENCE DESIGNATOR OVERFLOW CODE											
14-9	D-47	370	REFERENCE DESIGNATION CODE											
15-6		051	CARD SEQUENCING CODE	▲	M									M
15-7	J-79	479	TECHNICAL MANUAL CODE		M									M
15-8	J-80	140	FIGURE NUMBER		M	M								M
15-9	J-81	182	ITEM NUMBER		M	M								M
15-10	J-82	478	TECHNICAL MANUAL CHANGE NUMBER											
15-11	J-83	480	TECHNICAL MANUAL INDENTURE CODE											
15-12	J-84	353	QUANTITY PER FIGURE											
15-13	J-85	545	WORK UNIT CODE/TECHNICAL MANUAL FUNCTIONAL GROUP CODE		M	M								M
16-6		481	TECHNICAL MANUAL INDICATOR											
16-7		051	CARD SEQUENCING CODE	▲	M									M
16-8	K-87	343	PROVISIONING NOMENCLATURE		M	M								M
17-6		051	CARD SEQUENCING CODE	▲	M									M
17-7	F-65	052	CHANGE AUTHORITY NUMBER		A	A								A
17-8	F-66	164	INTERCHANGEABILITY CODE		A	A								A
17-9	F-67	411	SERIAL NUMBER EFFECTIVITY		A	A								A
17-10	F-69	389	REPLACED OR SUPERSEDING PROVISIONING LIST ITEM SEQUENCE NUMBER		A	A								A
17-11	F-70	390	REPLACED OR SUPERSEDING PLISN INDICATOR		A	A								A
18-6		051	CARD SEQUENCING CODE	▲	M									M
18-7	F-65	052	CHANGE AUTHORITY NUMBER		A	A								A
18-8	F-68	495	TOTAL ITEM CHANGES		A	A								A
			OPTION 1		A	A								A
			OPTION 2		A	A								A
18-9	F-71	357	QUANTITY SHIPPED											
18-10	F-72	356	QUANTITY PROCURED											
18-11	F-74	338	PRORATED EXHIBIT LINE ITEM NUMBER											
18-12	F-75	339	PRORATED QUANTITY											
19-6		051	CARD SEQUENCING CODE	▲	M									M
19-7	F-65	052	CHANGE AUTHORITY NUMBER		A	A								A
19-8	F-73	087	DESIGN CHANGE NOTICE USABLE ON CODE		A	A								A
20-6		051	CARD SEQUENCING CODE	▲	M									M
20-7	K-87	380	REMARKS		A	A								A

