

DATE: 3 Jun 02

STATEMENT OF WORK
for the
SCREENING/REPAIR
of the
LINE REPLACEABLE UNITS (LRU)
AVENGER WEAPON SYSTEM, AN/TWQ-1
0001-27-000-0000

SOW-04-C4I-09871A-3/1

1. This SOW identifies the work effort that shall be performed by the contractor to screen/repair the Avenger Line Replaceable Units (LRU) Avenger Weapon System, AN/TWQ-1.
2. The following points of contact apply for this SOW:

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1.0 Scope. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work effort that the contractor will perform to screen and repair Avenger, AN/TWQ-1, Line Replaceable Units (LRU), hereafter referred to as Avenger LRU. This document contains requirements to restore the Avenger LRU to Condition Code "A." Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitation or restriction, including material with more than six months shelf-life remaining." Within this SOW, the term Line Replaceable Unit refers to the Avenger LRU listed in Appendix (D), which the Avenger Materiel Manager at Code 575-2 Marine Corps Systems Command (MCSC) Albany, Georgia, will periodically update. Screening or repairing of Avenger LRU, not listed in Appendix (D), will only be performed when expressly authorized, in writing, by the Avenger Materiel Manager. When screened or repaired, the contractor shall assign the appropriate condition code to the Avenger LRU.

1.1 Background. Repair is defined as "That maintenance technique which determines the minimum repairs necessary to restore equipment, components, or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

2.0 Applicable Documents. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplements thereto which are in effect on the date of solicitation. In the event of conflict between the documents referred herein and the contents of the SOW, the content of this SOW shall be the superseding requirement.

2.1 Military Standards

| | |
|-----------------|--|
| MIL-STD-2073-1D | DoD Standard Practice for Military Packaging |
| MIL-STD-129 | DoD Standard Practice for Military Marking |

2.2 Other Government Documents and Publications

| | |
|----------------|--|
| TM 09871A-12/1 | Operator & Maintenance Instructions for Guided Missile Battery Control Central, Vehicle Mounted, Avenger Air Defense System AN/TWQ-1 |
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| NAS3426-71 | Cable Assemblies, Electrical Harness, Packaging of |
| TM 09871A-24P/6 | Guided Missile Battery Control Central, Vehicle Mounted: AN/TWQ-1 AVENGER Air Defense Weapon System |
| TM 9-1425-433-10 | Operator's Manual for Guided Missile Battery Control Central, Vehicle Mounted, Avenger, Air Defense Weapon System |
| TM 9-1425-433-BD | Battlefield Damage Assessment and Repair, Guided Missile Battery Control Central, Vehicle Mounted Weapon System |
| TM 9-1427-433-34 | Avenger Line Replacement Units |
| TM 9-1440-433-24-1 | Avenger, On-Equipment Maintenance, Volume 1 |
| TM 9-1440-433-24-2 | Avenger, On-Equipment Maintenance, Volume 2 |
| TM 9-1440-433-34 | Avenger, Off-Equipment Maintenance |
| TM 9-1440-434-24&P | Launcher, Guided Missile, Vehicle Mounted: XM294 |
| TM 9-4935-433-14 | Operator, Organizational, Direct Support and General Support Maintenance for Avenger LRU Test Program Set TS-4223/USM |
| TM 9-4935-433-24P | Avenger Guided Missile System |
| EM 0017 | TM 9-1440-Avenger CD-ROM |
| EM 0047 | Avenger/Stinger Missile CD-ROM |
| AL00000100 | Special Packaging Instruction |
| AL12914763 | Special Packaging Instruction |
| AL12983865 | Special Packaging Instruction |
| AL12986027 | Special Packaging Instruction |
| AL13203844 | Special Packaging Instruction |
| AM P9379277 | Special Packaging Instruction |

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|-----------------|--|
| DOD 4000.25-1-M | Military Standard Requisition & Issue Procedures Manual (MILSTRIP) |
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Military Handbooks (For Guidance)

| | |
|-------------|-----------------------------------|
| MIL-HDBK-61 | Configuration Management Guidance |
|-------------|-----------------------------------|

2.3 Industry Standards

| | |
|-----------|--|
| JESD625-A | Requirements for Handling-Electrostatic-Discharge-Sensitive (ESDS) Devices |
|-----------|--|

| | |
|-----------------------------|--|
| ANSI/ISO/ASQC Q9003-1994 | Quality Systems - Model for Quality Assurance in Final Inspection and Test |
|-----------------------------|--|

Industry Standards (For Guidance)

| | |
|--------------|--|
| ANSI/EIA-649 | National Consensus Standard for Configuration Management |
|--------------|--|

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697- 2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, GA 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from: Supply Chain Management Center, Attn: Code 583-1, 814 Radford Blvd., Suite 20320, Albany, GA 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6476.

3.0 Requirements

3.1 General Tasks. In fulfilling the specified requirements, the contractor shall:

a. Provide materials, labor, equipment, facilities and missing/repair parts necessary to inspect, diagnose, restore, test and calibrate the Avenger LRU. Upon completion of screening/repair, the subject LRU shall be Condition Code "A."

b. Requisition replacement parts from the applicable source of supply.

c. Ensure Avenger LRU is modified to current configuration. If a modification has not been applied, indicate on the Limited Technical Inspection (LTI) at the time of induction, as prescribed in paragraph 3.2.1.

3.2 Detail Tasks. The following tasks describe the different phases for screening/repair of the Avenger LRU.

| | |
|-----------|--|
| Phase I | Pre-Induction |
| Phase II | Repair |
| Phase III | Inspection, Testing and Acceptance |
| Phase IV | Packaging, Handling, Storage and Transportation (PHS&T). |

3.2.1 Phase I - Pre-Induction. A pre-induction inspection analysis shall be performed for each Avenger LRU within five (5) working days of induction into the contractor's facility for evaluation of repair capability. A Limited Technical Inspection (LTI) shall be performed to determine the present condition of the item and feasibility of repair. If repair is not feasible, assign CC "F", otherwise assign CC "M" and induct into the repair cycle. Also note on the LTI if any modifications are required to bring this item up to the current configuration. Report DA-2404 (Appendix A) and Standard Form 364 (Appendix B) shall be used to report all anomalies and shall be provided to the Logistics Management Specialist (LMS) at Marine Corps Systems Command (MCSC), BMADS, Albany, Georgia in accordance with section 4.0 of this SOW.

3.2.2 Phase II – Repair. After pre-induction tests and inspections have been completed, repair of the Avenger LRU shall be accomplished in accordance with this SOW. Deficiencies noted on Appendix A and Appendix B during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

a. Hardware

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory replacement items, safety items and one-time use items, etc., in accordance with this SOW. Unserviceable items would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

b. Publications and Documentation. The contractor shall use the following technical documentation to restore the Avenger LRU to condition code "A." The following Standards and Publications shall be used to assist the contractor:

| | |
|-----------------|--|
| MIL-STD-2073-1D | DoD Standard Practice for Military Packaging |
| MIL-STD-129 | DoD Standard Practice for Military Marking |

| | |
|--------------------------|--|
| NAS3426-71 | Cable Assemblies, Electrical Harness, Packaging of |
| JESD625-A | Requirements for Handling-Electrostatic-Discharge Sensitive (ESDS) Devices |
| ANSI/ISO/ASQC Q9003-1994 | Quality Systems - Model for Quality Assurance in Q9003-1994 Final Inspection and Test |
| TM 09871A-12/1 | Operator & Maintenance Instructions for Guided Missile Battery Control Central, Vehicle Mounted, Avenger Air Defense System AN/TWQ-1 |
| TM 09871A-24P/6 | Guided Missile Battery Control Central, Vehicle Mounted: AN/TWQ-1 AVENGER Air Defense Weapon System |
| TM 9-1425-433-10 | Operator's Manual for Guided Missile Battery Control Central, Vehicle Mounted, Avenger, Air Defense Weapon System |
| TM 9-1425-433-BD | Battlefield Damage Assessment and Repair, Guided Missile Battery Control Central, Vehicle Mounted Weapon System |
| TM 9-1427-433-34 | Avenger Line Replacement Units |
| TM 9-1440-433-24-1 | Avenger, On-Equipment Maintenance, Volume 1 |
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| TM 9-1440-433-34 | Avenger, Off-Equipment Maintenance |
| TM 9-1440-434-24&P | Launcher, Guided Missile, Vehicle Mounted: XM294 |
| TM 9-4935-433-14 | Operator, Organizational, Direct Support and General Support Maintenance for Avenger LRU Test Program Set TS-4223/USM |
| TM 9-4935-433-24P | Avenger Guided Missile System |
| EM 0017 | TM 9-1440-Avenger CD-ROM |
| EM 0047 | Avenger/Stinger Missile CD-ROM |

| | |
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| AL00000100 | Special Packaging Instruction |
| AL12914763 | Special Packaging Instruction |
| AL12983865 | Special Packaging Instruction |
| AL12986027 | Special Packaging Instruction |
| AL13203844 | Special Packaging Instruction |
| AM P9379277 | Special Packaging Instruction |
| DOD 4000.25-1-M | Military Standard Requisition & Issue Procedures Manual (MILSTRIP) |

c. Repair time shall not exceed ninety days as a norm. The Avenger Materiel Manager (Code 575-2), Albany, Georgia will monitor and direct retention or return to stock if it is anticipated that the repair time will exceed ninety days.

3.2.3 Phase III - Inspection, Testing and Acceptance

a. Inspection, testing and acceptance of each Avenger LRU shall be conducted in accordance with TM 09871A-12/1. Records of tests shall be maintained for seven years and upon request, shall be made available to representatives at Marine Corps Systems Command (MCSC) BMADS, Albany, Georgia.

b. The contractor shall be responsible for conducting all required tests on the Avenger LRU.

c. The contractor shall be responsible for correcting deficiencies identified during inspection/testing. Representatives from MCSC, BMADS, Albany, Georgia may require the contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

3.2.4 Phase IV - Packaging, Handling, Storage, and Transportation (PHS&T)

a. The contractor shall be responsible for packaging and preservation of the items being repaired under the terms of this statement of work. Items scheduled for long term storage or shipment to overseas destinations shall be in accordance with the level "A" requirements of the packaging data cited on Appendix D. Items scheduled for domestic shipment, immediate use, or short-term storage shall be to level "B" requirements. Copies of Special Packaging Instructions (SPI) and packaging assistance may be obtained from Materiel Management Division, Attn: Logistics Support Section (Code 581), Suite 20320, 814 Radford Boulevard, Albany, GA 31704-0320, Commercial telephone (229) 639-6786 or DSN 567-6786.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the contractor.

3.3 Configuration Management. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. All permanent changes to the form, fit or function of the baseline shall be by Engineering Change Proposal. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request for Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing these configuration control documents.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 573-2) will coordinate Government Furnished Equipment/Government Furnished Materiel (GFE/GFM) requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE Accountability Agreement to the contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD 1348 to Material Management Department, Management Control Activity (Code 573-2), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320 or by faxing to commercial telephone number 229-639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The contractor may requisition materiel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.6 Electrostatic Discharge (ESD) Control Program. The contractor shall establish, implement and document an ESD control program following the guidelines provided in JESD625-A. ESD protective measures shall be used during manufacturing, handling, inspection, testing, marking, packaging, storing and transporting ESD sensitive components.

3.7 Quality Assurance Provisions. The contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9003-1994, Quality Systems - Model for Quality Assurance in Final Inspection and Test. The program shall ensure quality throughout all areas to include processing, assembly, inspection, testing, maintenance and preparation for delivery and shipping. Unless otherwise specified in the contract, the contractor shall be responsible for performance of all inspection requirements. The Government, MCSC, BMADS, Albany, Georgia reserves the right to perform any of the inspections set forth in the

contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

3.8 Acceptance. The performance of the contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and Quality Assurance (QA) representatives shall be permitted to observe the work or to conduct inspections at all reasonable hours. Final inspection and acceptance testing shall be conducted at the contractor's facility. Final acceptance shall be conducted on 100% of items to verify that the Avenger LRU meets all requirements.

3.9 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by the QA representative. The contractor shall, at no additional cost, perform the following actions:

a. Develop a corrective action plan to correct all deficiencies.

b. Upon approval of a corrective action plan, the contractor shall correct the deficiencies and repeat the verification until all requirements are met.

4.0 Reports

4.1 In fulfilling the specified requirements, the contractor is required to submit the following reports. For a current listing of the e-mail address(es) and/or telephone numbers(s) which will be used to submit these reports, contact the Equipment Specialist(s) listed on the cover page of this SOW at either DSN 567-5072/6568 or commercial telephone number (229) 639-5072/6568.

a. Report DA-2404 (Appendix A) and Standard Form 364 (Appendix B) shall be utilized to report all anomalies during the Pre-Induction Phase I. These reports shall be submitted electronically to the Logistics Management Specialist (LMS), MCSC, BMADS, Albany, Georgia.

b. A Monthly Avenger Screening Program Report (Appendix C) is required, which shall include all data from the previous months of the current fiscal year. The monthly report shall include all completed and in-process items in NSN sequence, funding data, and point of contact information for the contractor. This report is due no later than the tenth of the following month and shall be submitted electronically to the Avenger Materiel Manager (Code 575-2), Albany, Georgia.

NOTE: Prior to the submission of the final monthly Avenger Screening Program Report (no later than 10 October), the contractor shall close out the Avenger LRU Master Work Schedule (MWS) line item number that provides program funding. Non-closure shall not be cause for delay of the final monthly report.

5.0 Cost and Financial Administration

a. Upon completion of negotiations, the agreed upon price will remain fixed for the duration of the repair effort, or through the end of the fiscal year, whichever comes first. The price for any work to be performed for the next fiscal year shall be developed by the contractor facility, and shall be included in a five-year estimate of the funding required to support the screening/repair of the Avenger LRU. This estimate is due by 31 March of each year for funding planning purposes for the coming fiscal year. The five-year estimate shall be sent electronically to the Avenger Materiel Manager (Code 575-2), Albany, Georgia.

b. The financial management representatives of the two activities shall determine the specific procedures that will be used to transfer funds under this SOW. A Project Order, NAVCOMPT FORM 2275, will be used for transfer of funds between the parties to this SOW. The contractor shall accept Marine Corps funding as cost reimbursable. Final obligation must be received no later than one (1) week before the end of the fiscal year. This agreement will go into effect as soon as funds are transferred to the contractor.

c. The Program Pricing Policy for repair costs will be determined as follows:

(1) Labor cost will be calculated and recorded against each item processed based on agreed hourly labor rates.

(2) Parts costs will be stratified over the dollar value (Standard Unit Price) of each item processed to include "lot-quantity" materials.

(3) The pricing policy will allow for determination of fund balances based on Monthly Avenger Screening Program Reports and must equal the total funded for a fiscal year upon completion of the last in-process items for that fiscal year.

(4) MCSC (Code 575-2), Albany, Georgia will annually review and establish general program pricing policy as necessary.

d. The contractor shall maintain complete fund accounting, according to current regulations and the procedures identified in this SOW.

e. The contractor and MCSC (Code 575-2), Albany, Georgia will conduct an annual financial review no later than 1 July to determine the funding required for the remainder of the fiscal year. MCSC (Code 575-2), Albany, Georgia will take the lead in scheduling the date and time for the financial review.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized 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 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 Contract Officer for the contract/PR No. listed in block E.

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|---|---|--|---|---|-----------|----------|----------|
| A. CONTRACT LINE ITEM NO. | | B. EXHIBIT | | C. CATEGORY: TDP _____ TM _____ Other <u>XXX</u> | | | |
| D. SYSTEM/ITEM Enhanced Memory Avenger Line Replaceable Units | | E. CONTRACT/PR No. | | F. CONTRACTOR | | | |
| 1. DATA ITEM No. B002 | 2. TITLE OF DATA ITEM REQUEST FOR DEVIATION (RFD) | | | 3. SUBTITLE CONFIGURATION MANAGEMENT | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640C | | 5. CONTRACT REFERENCE Para 3.3 | | 6. REQUIRING OFFICE MARCORLOGBASES 583-1 | | | |
| 7. DD 250 REQ. LT | 9. DIST STATEMENT REQUIRED A | 10. FREQUENCY AS REQ | 12. DATE OF FIRST SUBMISSION SEE BLOCK 16 | 14. DISTRIBUTION | | | |
| 8. APP CODE A | | 11. AS OF DATE | 13. DATE OF SUBSEQUENT SUBMISSION | a. ADDRESSEE | b. COPIES | | |
| 16. REMARKS Block 4: Contractor Format using .doc or .pdf software applications is authorized. Block 10 & 12: RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet the prescribed configuration documentation. RFDs will be reviewed and disposition determined within 20 working days upon receipt by the government. RFDs shall be transmitted via e-mail to the following address: <u>mbmatcomconfigmngmnt@matcom.usmc.mil.</u> Distribution Statement A: Approved for public release, distribution is unlimited. | | | | | | | |
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| 15. TOTAL | | | | 0 | 1 | 0 | |

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

G. PREPARED BY:
Coll. P. Little

H. DATE
6-3-02

I. APPROVED BY:
Richard S Jones

J. DATE
3 Jun 2002

Report of Discrepancy (ROD)

INSTRUCTIONS

DEPARTMENT OF DEFENSE: DLAR 4140.55/AR 735.11.2/NAVSUPINST 4440.127E/AFR 400.54/MCO 4430.3E, Reporting of Item and Packaging Discrepancies, and/or DLAR 4140.60/AR 12-12/NAVSUPINST 4920.9B/AFR 67.7/MCO 4140.1B, processing Discrepancy Reports Against Foreign Military Sales Shipments. CIVILIAN AGENCIES: See FPMR handbook cited in 19 (2) (a).

| | | | | | | | | |
|---|----------------------------------|---|--|-----------------|-------------------|-------------------|---------------|---|
| REPORT OF DISCREPANCY (ROD) SHIPPING _____ PACKAGING _____ | | 1 DATE OF PREPARATION | 2 REPORT NUMBER | | | | | |
| 3 TO (Name and Address, Include ZIP Code) | | 4 FROM (Name and Address, Include ZIP Code) | | | | | | |
| 5a SHIPPERS NAME | | 5b NUMBER AND DATE OF INVOICE | 5c TRANSPORTATION DOCUMENT NUMBER (GBL, Waybill, R N, etc.) | | | | | |
| 7a SHIPPER'S NUMBER (Purchase Order/Shipmet, Contract, etc) | 7b OFFICE ADMINISTERING CONTRACT | | 8 REQUISITIONER'S NUMBER (Requisition, Purchase Request, etc.) | | | | | |
| 9 SHIPMENT, BILLING, AND RECEIPT DATA | | | 10 DISCREPANCY DATA | | | | | |
| NSN/PART NUMBER AND NOMENCLATURE (a) | UNIT OF ISSUE (b) | QUANTITY SHIPPED/BILLED (c) | QUANTITY RECEIVED (d) | QUANTITY (a) | UNIT PRICE (b) | TOTAL COST (c) | 1 CODE (d) | 2 |
| 12 REMARKS (continue on separate sheet of paper if necessary) | | | | | | | | |

| 1 DISCREPANCY CODES | | 2 ACTION CODES |
|--|--|---|
| CONDITION OF MATERIAL C1 - In condition other than that indicated on release/receipt document C2 - Expired shelf life C3 - Damaged parcel post shipment SUPPLY DOCUMENTATION D1 - Not received D2 - Illegible or mutilated D3 - Incomplete, improper or without authority <i>(Only when receipt cannot be properly processed)</i> MISDIRECTED MATERIAL M1 - Addressed to wrong activity OVERAGE/DUPLICATE SHIPMENTS O1 - Quantity in excess of that on receipt document O2 - Quantity in excess of that requested <i>(Other than unit of issue pack)</i> O3 - Quantity duplicate shipment PACKING DISCREPANCY P1 - Improper preservation P2 - Improper packing P3 - Improper Marking P4 - Improper unitization | PRODUCT QUALITY DEFICIENCIES Q1 - Deficient material <i>(Applicable to Grant Aid and FMS shipments)</i> SHORTAGE OF MATERIAL S1 - Quantity less than that on receipt document S2 - Quantity less than that requested <i>(Other than unit of issue pack)</i> S3 - Non-receipt of parcel post shipments ITEM TECHNICAL DATA MARKINGS (i.e., Name Plates, Log Books, Operating Handbooks, Special Instructions, etc.) T1 - Missing T2 - Illegible or Mutilated T3 - Precautionary operational markings missing T4 - Inspection data missing or incomplete T5 - Serviceability operating data missing or incomplete T6 - Warranty data missing WRONG ITEM (Identify requested item as a separate copy in Item 9, above) W1 - Incorrect item received W2 - Unacceptable substitute OTHER DISCREPANCIES Z1 - See Remarks | 1A - Disposition instructions requested <i>(Reply on reverse)</i> 1B - Material being retained <i>(See Remarks)</i> 1C - Supporting supply documentation requested 1D - Material still required, expedite shipment <i>(Not applicable to FMS)</i> 1E - Local purchase material to be returned at supplier's expense unless disposition instructions to the contrary are received within 15 days <i>(Reply on reverse) (Not applicable to FMS)</i> 1F - Replacement shipment requested <i>(Not applicable to FMS)</i> 1G - Reshipment not required. Item to be re-requisitioned 1H - No action required. Information only 1Z - Other action requested <i>(See Remarks)</i> |

| | |
|--|---------------|
| 13 FUNDING AND ACCOUNTING DATA | |
| 14a TYPED OR PRINTED NAME, TITLE, AND PHONE NUMBER OF PREPARING OFFICIAL | 14b SIGNATURE |
| 15. DISTRIBUTION ADDRESSEES FOR COPIES | |

Report of Discrepancy (ROD)

| | |
|---------|---|
| 16 FROM | 17 DISTRIBUTION ADDRESSEES FOR DISTRIBUTION |
|---------|---|

| | |
|-------|---|
| 18 TO | Use window envelope to mail this document. Insert Name and address, including ZIP Code, starting one typing space below the left dot. Each address line must NOT extend beyond right dot. Address must not exceed four single space typing lines. |
|-------|---|

19 IN ACCORDANCE WITH NOTICE OF DISCREPANCY ON FACE OF THIS FORM:

| | | | |
|---|-----------------|--|--|
| a MATERIAL <input type="checkbox"/> HAS BEEN SHIPPED <input type="checkbox"/> WILL BE SHIPPED | DOCUMENT NUMBER | b. <input type="checkbox"/> NO RECORD OF SHIPMENT RESUBMIT REPORT TO PROPER OFFICE UNDER | |
| c. <input type="checkbox"/> AN ADJUSTMENT IN BILLING HAS BEEN/WILL BE PROCESSED AS A <input type="checkbox"/> CREDIT <input type="checkbox"/> DEBIT | | d. <input type="checkbox"/> INVOICE/BILL ATTACHED e. <input type="checkbox"/> PROOF OF DELIVERY | |

f. AN ADJUSTMENT IN BILLING FOR THIS REPORTED DISCREPANCY WILL NOT BE PROCESSED FOR THE FOLLOWING REASON WHICH IS CITED IN THE INDICATED REGULATION

| (1) REASON FOR NOT PROCESSING | (2) PRESCRIBING REGULATION |
|--|---|
| (a) DISCREPANCY WAS NOT REPORTED WITHIN THE TIME FRAMES ALLOWED AND/OR | (a) CHAPTER 5 OF THE GSA HANDBOOK, DISCREPANCIES OR DEFICIENCIES IN GSA OR DOD SHIPMENTS, MATERIALS, OR BILLINGS (FPMR 101.26.8) |
| (b) DOLLAR VALUE DOES NOT MEET THE CRITERIA PRESCRIBED IN THE REGULATION OR AGREEMENT INDICATED IN 19(2) | (b) CHAPTER 2 AND/OR 7 OF DOD 4000.25.7.M. MILITARY STANDARD BILLING SYSTEM (MILBILLS) AND/OR DD 1513, U.S. DOD OFFER AND ACCEPTANCE, AS APPLICABLE |

20. THE FOLLOWING DISPOSITION IS TO BE MADE OF THE REFERENCED MATERIAL.

| | | |
|---|--|------|
| a. <input type="checkbox"/> PROCESS FOR DISPOSAL IN ACCORDANCE WITH SERVICE AGENCY DIRECTIVES | b. <input type="checkbox"/> REPRESENTATIVE WILL CALL FOR DISCUSSION CONCERNING DISPOSITION | DAYS |
| c. <input type="checkbox"/> RETAIN MATERIAL AT NO CHARGE | d. <input type="checkbox"/> MATERIAL WILL BE PICKED UP IN | DAYS |
| e. <input type="checkbox"/> SHIP MATERIAL <i>Specify location</i> | | |
| (1) <input type="checkbox"/> GBL APPROPRIATION CHARGEABLE | | |
| (2) <input type="checkbox"/> CHARGES COLLECT - VIA <input type="checkbox"/> FREIGHT <input type="checkbox"/> EXPRESS <input type="checkbox"/> PARCEL POST | | |
| (3) <input type="checkbox"/> PARCEL POST LABEL ATTACHED (4) <input type="checkbox"/> FREIGHT PREPAID | | |
| | | (\$) |

f. OTHER *Specify*

| | | |
|--|---|------|
| 21. <input type="checkbox"/> IF MATERIAL IS STILL REQUIRED, SUBMIT NEW REQUISITION | 22. <input type="checkbox"/> REPLACEMENT WITH SATISFACTORY MATERIAL WILL BE MADE ON/OR BEFORE | DATE |
|--|---|------|

23 REMARKS *(Continue on separate sheet of paper if necessary).*

| | | |
|--|---------------|----------|
| 24a TYPED OR PRINTED NAME AND PHONE NUMBER OF PREPARING OFFICIAL | 24b SIGNATURE | 24c DATE |
|--|---------------|----------|

AVENGER - LINE REPLACEABLE UNITS

| <u>FSC</u> | <u>NIIN</u> | <u>NOMENCLATURE</u> | <u>PACKAGING</u> |
|------------|-------------|--|---|
| 1240 | 013203844 | Optical Sight Head | Special Packaging Instruction - AL13203844 |
| 1240 | 013347329 | Mount, Sight | Special Packaging Instruction - AL00000100 |
| 1290 | 012922259 | Remote Control System (old RCU) | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1290 | 013885433 | Remote Control System (new RCU) | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1430 | 012288394 | Electronic Assembly, Interface (old IEA) | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1430 | 012914763 | Forward Looking Infrared Receiver (old FLIR) | Special Packaging Instruction - AL12914763 |
| 1430 | 012933750 | Standard Vehicle Mounted Launcher (SVML) | Special Packaging Instruction - AL12933750 |
| 1430 | 012983865 | Control Assembly, Electronic | Special Packaging Instruction - AL12983865 |
| 1430 | 013087006 | Laser PFN Optical Assembly | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1430 | 013098269 | Projector Assembly | MIL-STD-2073-1D, Method 50 |
| 1430 | 013167766 | Laser Range Finder | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1430 | 013172706 | Scan Head Assembly | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1430 | 013422290 | Launcher Assembly XM-294 w/IEA | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1430 | 013443503 | Console, Assault Fire | MIL-STD-2073-1D, Method 52 |
| 1430 | 013627029 | Beam Assembly, Launch | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1430 | 013676540 | Channel Assembly, AM | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1430 | 013824310 | Control Electronics, Avenger (ACE) | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1430 | 014422322 | Forward Looking Infrared Receiver (new FLIR) | Special Packaging Instruction - AL12914763 |
| 1430 | 014422323 | Display Unit (new RCU display unit) | MIL-STD-2073-1D, App. J, Table J.Ia, S.P.C. "GX". |
| 1440 | 012986880 | Traversing Unit, GMI. | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 1450 | 014845985 | Primary Power Unit (PPU) | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 4120 | 014475683 | ECU/PPU Assembly | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 4120 | 014574455 | Environmental Control Unit (ECU) | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 5840 | 013261290 | Tracking Group, Video | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 5977 | 012256208 | Slip Ring Assembly | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 5995 | 013079060 | Cable Assembly, Special | NAS 3426 |
| 5995 | 013087048 | Cable Assembly, Special | NAS 3426 |
| 5995 | 013180924 | Cable Assembly, Special | NAS 3426 |
| 5998 | 011120041 | CCA | MIL-STD-2073-1D, App. J, Tbl J.Ia., S.P.C. "GX". |
| 5998 | 011927226 | CCA | Special Packaging Instruction - AM P9379277 |
| 5998 | 012288503 | Electronics Assembly, Launcher (old LEA) | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 5998 | 013074882 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013079108 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013079109 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013087077 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013091437 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013094206 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013094208 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013094209 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013099311 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013099319 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013102204 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013103164 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013103165 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013140968 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013147752 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013147753 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013180964 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013180965 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013189042 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013236213 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013236214 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013267170 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013422979 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013454285 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013675136 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013855255 | CCA (A2 old) | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013855509 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 013905948 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 014203424 | CCA | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 014665618 | CCA (A2 new) | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 014589987 | Electronic Assembly, Interface (new IEA) | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 5999 | 011107721 | Components Assembly, Electronic | MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX". |
| 5998 | 014672721 | Electronics Assembly, Launcher (new LEA) | MIL-STD-2073-1D, App. A, Table A.VI., Elect. Equip. |
| 6150 | 013079034 | Cable Assembly, Special | NAS 3426 |
| 6150 | 013091397 | Cable Assembly, Special | NAS 3426 |
| 6150 | 013162609 | Wiring Harness, Branched | NAS 3426 |
| 6150 | 013199503 | Cable Assembly, Special | NAS 3426 |
| 6150 | 013995799 | Cable Assembly, Special | MIL-STD-2073-1D, Method 41. |
| 6210 | 013115162 | Lens, Afocal Zoom | MIL-STD-2073-1D, App. A, Tbl A.VI., Optical Equip. |

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6615 010990164 Gyroscope, Rate
7025 012986027 Control Display Assembly (FLIR display)
7025 013207863 Display Unit (old RCU Display Unit)

MIL-STD-2073-1D, App.A, Tbl A.VI., Elect. Equip.
Special Packaging Instruction – AL12986027
MIL-STD-2073-1D, App. J, Table J.Ia., S.P.C. "GX"

NOTE: All Special Handling Instructions and Packaging Data Sheets noted above may be obtained from the Storage and Distribution Department (Code 580), Business Management Branch (Code 581), Attn: PHS&T LEM, Suite 20320, 814 Radford Blvd, Albany, GA 31704-0320. Telephone (229) 639-6786 or DSN 567-6786.