

DAAE20-98-D-0086

P00004

Attachment B

1. Scope.

Repair, as necessary, and upgrade Abrams Gunner's Auxiliary Sights (GAS), part numbers (PNs) 12278900, 9377900, and 9377915 to the latest configuration, PN 12911760. 12911760 GASs shall be repaired only. These sights will be used to support the M1A2 Abrams Upgrade Tank production line and M1A1 AIM program at the Lima Army Tank Plant (LATP) and TACOM spares.

2. Applicable documents.

ASTM-D3951-98	1998	Standard Practice for Commercial Packaging
DMWR 9-1200-206-GAS	Mar 89	DMWR for the Gunner's Auxiliary Sight (reference only)
FAR Part 45	1 Apr 84	Federal Acquisition Regulations - Government Property
SC9377924C w/ SCNs 1 & 2	14 Apr 95	Gunner's Auxiliary Sight Critical Item Product Fabrication Specification

3. Requirements.

3.1 TASK A. Repair for 12278900, 9377900, 9377915, and 12911760.

3.1.1 Upon receipt of a 12278900, 9377900 or 9377915 GAS, the Contractor shall perform an inspection to determine if the total estimated cost of repair and upgrade, including administration, exceeds the dollar limits in attachment 21 of the basic contract. All efforts thru and including initial inspection shall be charged to the firm fixed price CLIN. The Contractor shall not expend any resources, other than initial inspection, on any GAS that is estimated to exceed the limits and shall contact the PCO for instructions. The Contractor shall disposition the GAS residual components IAW the instructions identified in Exhibit A, paragraph 2.4.

3.1.2 Upon receipt of a 12911760 GAS, the Contractor shall perform an inspection to determine if the total estimated cost of repair, including administration, exceeds \$3,568. The Contractor shall not expend any resources, other than initial inspection, on any GAS that is estimated to exceed \$3,568. The Contractor shall disposition the GAS residual components IAW the instructions identified in Exhibit A, paragraph 2.4.

3.1.3 Upon determination for the need for repair, the Contractor shall proceed IAW the following subparagraphs:

3.1.3.1 Only those parts that will be reused on the GAS shall be reworked. New or reworked parts shall conform to the applicable drawings identified in Government furnished TDP, PN 12911760. During repair, any parts in Exhibit B that are disturbed or removed shall be replaced with new parts. This includes any repair/rework for those items that fail during final acceptance test. The

DMWR 9-1200-206-GAS may be used as guidance. The Contractor's final proposed repair action may be subject to the Government representative's review and verification.

3.1.3.2 Contractor is authorized to maintain bench stock to support the repair effort. The stock will be limited to a one-hundred and eighty (180) day supply level and not exceed a total of \$10,000. Excess material at the completion of the contract will be disposed of IAW Government plant clearance procedures.

3.1.3.3 All 12911760 GASs shall be re-coated with Chemical Agent Resistant Coating and have their brow rests replaced.

3.2 TASK B. Upgrade for 12278900, 9377900, and 9377915.

3.2.1 The upgrade of the GAS and the mandatory replacement parts, identified in Exhibit C, shall conform to the Government Technical Data Package, PN 12911760. All GASs shall be re-coated with Chemical Agent Resistant Coating IAW the TDP requirements. The inspection of the upgraded GASs shall be IAW Section E.

3.2.2 A new identification plate shall be applied with the applicable information(i.e. NSN, PN, Cage Code, and serial number) to the upgraded GASs. The contractor serial numbers shall begin with 52,000 and a "-U" shall be applied after the serial number.

3.2.3 All upgraded GASs shall be shipped IAW Exhibit A, paragraph 3, unless specific instructions are furnished to the contrary by the Government Contracting Officer.

4. Program Management.

4.1 The Contractor shall prepare a Contract Funds Status Report, DI-MGMT-81468, for the time and materials CLIN only.

4.2 In-Process Reviews (IPRs) shall be conducted to discuss and evaluate the Abrams Upgrade Program. The one day IPRs shall be held twice a year on a rotating basis between LAMP and Anniston Army Depot. One Contractor Representative shall attend the IPRs. The Contractor Representative shall be required to provide GAS program status to the Upgrade Team. The costs associated with these reviews shall be under the Firm Fixed Price Upgrade CLIN.

5.0 Failure Free Through the Tank Plant.

5.1 The Contractor is responsible for the correction of all GAS failures under this contract that occur at the LAMP thru tank final acceptance.

5.2 Any failed assets will be returned to the Contractor's facility for rework at no additional cost to the Government.

5.3 The Contractor shall be liable for all transportation costs associated with the receipt and return of failed assets back to the tank plant.

5.4 Should the Contractor's lack of support of the tank upgrade line result in a line stoppage or out of station costs, then liquidated damages per FAR

DODAAC: TBD

MARK FOR: M1A2 Upgrade Program

3.2.2 Ship other GAS assets (originally 9377915 or 12911760) using DD form 1348-1 (DOD Single Line Item Release/Receipt Document) with the original receipt document number (if any) to:

DCMS General Dynamics - Lima

1155 Buckey Road

Lima, OH 45804-1898

DODAAC: TBD

MARK FOR: M1A1 AIM Program

Exhibit B - Repair Disturbed Mandatory Replacement Parts Lists

Table A. Focusing Housing Assembly

Nomenclature	National Stock No.	Part No. & CAGEC	QTY
Strap, Diopter	5340-00-464-4792	10516567 (19200)	1
Packing, Preformed	5330-00-054-0168	MS29513-029 (96906)	1
Packing, Preformed	5330-00-252-6058	MS29513-143 (96906)	1
Packing, Preformed	5330-00-291-3080	MS29513-146 (96906)	2
Setscrew	5305-00-531-0137	MS51021-21 (96906)	2

Table B. Optic Cell Assembly

Nomenclature	National Stock No.	Part No. & CAGEC	QTY
Packing, Preformed	5330-00-291-7295	MS29513-136 (96906)	1

Table C. Mirror Housing Assembly

Nomenclature	National Stock No.	Part No. & CAGEC	QTY
Gasket	5330-01-079-2942	12278969 (19200)	1
Washer, Lock	5310-00-933-8119	MS35338-137 (96906)	3
Packing, Preformed	5330-00-250-0238	MS29513-216 (96906)	1
Packing, Preformed	5330-00-291-3077	MS29513-238 (19200)	2
Packing, Preformed	5330-00-291-3273	MS29513-229 (96906)	1

Exhibit B - Repair Disturbed Mandatory Replacement Parts Lists (cont)

Table D. Main Housing Assembly

Nomenclature	National Stock No.	Part No. & CAGEC	QTY
Washer, Spring Tension	5310-01-079-9865	11669607 (19200)	2
Washer, Spring Tension	5310-01-079-9863	11669608 (19200)	2
Sleeving, Insulation	5970-00-899-6660	11669611 (19200)	1
Ring, Retaining	5365-01-079-9860	11669615 (19200)	1
Spring, Helical Compression	5360-01-079-2929	11669617-1 (19200)	2
Spring, Helical Compression	5360-01-079-9859	11669617-2 (19200)	1
Ring, Retaining	5365-00-804-7646	MS16624-4056 (96906)	2
Packing, Preformed	5330-00-248-3845	MS29513-016 (96906)	1
Packing, Preformed	5330-00-248-3837	MS29513-110 (96906)	5
Packing, Preformed	5330-00-250-0228	MS29513-119 (96906)	1
Packing, Preformed	5330-00-054-0168	MS29513-029 (96906)	1
Washer, Lock	5310-00-595-7237	MS35333-42 (96906)	6
Washer, Lock	5310-00-933-8119	MS35338-137 (96906)	2
Spring, Helical Compression	5360-00-120-1650	MS24585C100 (96906)	2
Spring, Helical Compression	5360-00-089-2366	MS24585C56 (96906)	2
Spring, Helical Compression	5360-01-027-3915	MS24586C50 (96906)	1
Spring, Helical Compression	5360-01-023-9427	MS24585C51 (96906)	2
Spring, Helical Compression	5360-00-143-8837	MS24585C61 (96906)	2
Nut, Self Locking	5310-00-914-6028	MS51922-18 (96906)	6
Key, Woodruff	5315-01-094-2296	MS9841-10 (96906)	1

Exhibit C - Upgrade Mandatory Parts List

Nomenclature	National Stock No.	Part No. & CAGEC	QTY
Brow Rest	6650-01-077-7594	12278904 (19200)	1
Link	3040-01-079-3028	12278963 (19200)	1
Gasket	5330-01-079-2941	12278984 (19207)	1
Scale, Diopter	1240-01-079-3002	12279031 (19207)	1
Control Assy, Reticle	1240-01-367-1317	12911761 (19200)	1
Panel	5340-01-387-9094	12911766 (19200)	1
Decal, GAS	N/A	12960837 (19200)	1
Decal, Laser Safety	N/A	9377890 (19200)	1
Cell Assy, Object Lens	1240-01-254-6344	9377911 (19200)	1
Plate, Identification	N/A	9377920 (19200)	1
Packing, Preformed	5330-00-684-3419	MS28775-16 (96906)	1
Packing, Preformed	5330-00-527-8555	MS29513-141 (96906)	1
Packing, Preformed	5330-00-478-2938	MS29513-166 (96906)	1
Washer, Lock	5310-01-033-8615	MS51848-50 (96906)	2
Boot, Dust	5975-00-892-9026	M5423/09-03 (96906)	1
Pin, Straight	5315-00-058-1568	MS20392-5C41 (96906)	2
Pin, Cotter	5315-00-187-9377	MS24665-317 (96906)	2
Lens, Optical Instr.	6650-01-079-3017	12278942 (19200)	1

SECTION D - Packaging And Marking

1. Preservation/packaging/packing shall conform to commercial level IAW the requirements of ASTM-D3951-98. The special packaging instructions in the TDP do not apply to this contract. The GASs with a W52H09----H2-- document number shall be individually packed.
2. A copy of the DD form 250 shall be packed with each GAS.

SECTION E - Inspection And Acceptance

1. The Contractor shall have a quality program acceptable to the Government quality assurance representative.
2. Final acceptance test shall be IAW the product fabrication specification and the TDP. Control testing will not be required.
3. [OPTION] First Article Testing shall be conducted IAW the initial production test requirements of the product fabrication specification and TDP. All nonconformances, accountable or not, shall be documented. A Root Cause Analysis (DI-RELI-80253) shall be conducted on failures and provided to the contracting officer. Nonconformances related to parts replacement or upgrade parts shall be accountable as failures for First Article Testing and corrective action shall be provided as necessary.

DOCUMENT SUMMARY LIST

 System/Item: Repair and Upgrade of Gunner's Auxiliary Sight Statement Of Work (SOW)

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

DOCUMENT CATEGORY:

CATEGORY 0 - Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in the directly cited document and all referenced and subsequently referenced documents are not contractually applicable and are for guidance and information only.

CATEGORY 1 - The requirements contained in the directly cited document are contractually applicable to the extent specified. Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in reference and subsequently referenced documents are contractually for guidance and information only.

CATEGORY 2 - The requirements contained in the directly cited document and the reference documents identified in the directly cited document are contractually applicable to the extent specified. Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in subsequently referenced documents within reference documents are contractually for guidance and information only.

Document Number (Contract Reference) Applicable Tailoring	Document Title	Document Date/ Category

1A. MIL-STD-973	Configuration Management	13 Jan 95
1B. DI-CMAN-80640B (See CDRL)	Request for Deviation	13Jan95 CAT 2
1C. DI-CMAN-80641B (See CDRL)	Request for Waiver	13Jan95 CAT 2

2. SC9377924C SCN 1 & 2 (Sec C, Para 2.3)	Gunner's Auxiliary Sight Critical Item Product Fabrication Specification	14Apr95 CAT 2

3. DMWR 9-1200-206-GAS w/c1 Depot Maintenance (Sec C, Para 3.1.2.1)	Work Requirement for Gunner's Auxiliary Sight	15Jan92 CAT 0

4A. N/A (Sec C, Para 4.1)	Statement of Work	N/A CAT 1
4B. DI-MGMT-81468 (See CDRL)	Contract Funds Status Report	19Oct95 CAT 1

5.	FAR Part 45 (Sec. C, Exhibit B, Para 1)	Federal Acquisition Regulations - Government Property	1 Apr84 CAT 1

6A.	N/A (Sec C, Exhibit B, Para 2.1)	Statement of Work	N/A CAT 1
6B.	DI-MGMT-80442 (See CDRL)	Report of Receipts, Inventory, Adjustments and Shipments of Government Property	17Sep87 CAT 1

7A.	N/A (Sec C, Exhibit B, Para 2.3)	Statement of Work	N/A CAT 1
7B.	DI-MGMT-80544A (See CDRL)	Reporting of Transportation Discrepancies in shipping	12Nov85 CAT 1

8A.	N/A (Sec C, Exhibit B, Para 2.3)	Statement of Work	N/A CAT 1
8B.	DI-MGMT-80503 (See CDRL)	Report of Shipping (Item) and Packaging Discrepancy	30Dec87 CAT 1

9.	ASTM-D3951-98 (Section D, Para 1)	Standard Practice for Commercial Packaging	10Nov98 CAT 1

10A.	N/A (Section E, Para 3)	Statement of Work	N/A CAT 1
10B.	DI-RELI-80253 (See CDRL)	Failed Item Analysis Report	17Oct86 CAT 1