

# STATEMENT OF WORK M203/M4 COMPATIBILITY KIT

22 Oct 99

## 1.0 SCOPE:

1.1 The objective of this statement of work is to describe the Government's requirements under the contract. The Government wants to procure hardware that will allow an M203 Grenade Launcher (P/N 11838703) to be mounted to and fired from a 5.56mm M4 Carbine (P/N 9390000) in a safe secure, accurate manner, and that will meet the performance requirements specified below. The hardware includes all the components necessary to permit the desired mounting and application and shall be referred to as the M203A1 Modification Kit. Once the kit is applied, the M203 Grenade Launcher shall be referred to as the M203A1 Grenade Launcher.

1.2 The contractor shall be responsible for the manufacture and fabrication of hardware (i.e., M203A1 Modification Kits) in accordance with the drawings specified below; however, the contractor is, also, responsible, under the Pre-Production Evaluation (PPE) effort, to conduct and perform any design engineering to ensure that the hardware meets all the specified requirements. The contractor is responsible for the evaluation of the adequacy of the Government's government drawings and has the primary responsibility to find any errors or problems with the drawings and to submit corrections or solutions to any and all design/engineering problems. Thus, the contractor is required to find and make any necessary changes to the technical drawings and shall deliver all technical data associated with the design changes with unlimited rights.

## 2.0 GOVERNMENT DRAWINGS FOR REFERENCE:

12982965	M203A1 Grenade Launcher
11838703	Launcher, Grenade, 40mm: Detachable M203
12597700	5.56mm M4 Carbine
12598114	Quadrant Sight Assembly
12598116	Quadrant Range Assembly
9-1010-221-30-1	Modification Work Order (MWO) - Modification of M203 Grenade Launcher
MS 24678-10	Screw

## 2.1 GOVERNMENT DRAWINGS FOR PRODUCTION:

Attachment 001

12991506	M203A1 Modification Kit (Reference Only - for list of parts in kit refer to paragraph 3.1 Deliverable Hardware.
12598113	Spacer, Quadrant Sight
SQ12598113	SQAP for Spacer, Quadrant Sight
MS 51959-34B	Screw
12991510	Bracket Assembly, Quadrant Sight
12991505	Bracket, Quadrant Sight
12991504	Clamp, Quadrant Sight
9345112-1	Insert, Bracket
9345112-2	Insert, Bracket
12990563	Handguard Assembly
SQ12990563	SQAP for Handguard Assembly
12990564	Handguard
12990565	Heat Shield
12990566	Insert, RH
12990567	Insert, LH
8448359	Insert
SQ8448359	SQAP Insert
MS 16535-81	Rivet
12957126	Mounting Bracket Assembly
12957129	Screw, Socket Head Hexagon Drilled
12957127	Bracket, Mounting
12957128	Bracket Clamp Assembly
12987978	Clamp, Bracket
M45938/3-9CL	Nut, Self Locking
AN960-XC10-L	Washer
12991254	Bar, Locking

## 2.2 GOVERNMENT ELECTRONIC SOLID MODELS:

The following parts are available in electronic solid model format (Pro/Engineer Version 20 and/or STEP AP203) and may be provided upon request for information only.

12990563	Handguard Assembly
12990564	Handguard
12990565	Heat Shield
12990566	Insert, RH
12990567	Insert, LH
12991254	Bar, Locking
12991505	Bracket, Quadrant Sight
12991504	Clamp, Quadrant Sight

### **3.0 REQUIREMENTS:**

#### **3.1 Deliverable Hardware:**

The contractor shall build and deliver the quantity of M203/M4 Modification Kits as specified in the contract. Each kit shall consist of four major components:

- a. One (1) Quadrant Sight Spacer (P/N 12598113) packaged with two screws (MS 51959-34B) and one Quadrant Sight Bracket Assembly (12991510) and one Quadrant Sight Clamp (12991504).
- b. One (1) Handguard Assembly (P/N 12990563).
- c. One (1) Mounting Bracket Assembly (P/N 12957126) packaged with two (2) additional screws (total of three (3)) (P/N 12957129) and two (2) washers (P/N AN960-XC10-L).
- d. One (1) Locking Bar (P/N 12991254).

The contractor shall provide and deliver any other components that are identified in the PPE effort and are approved by the Government.

#### **3.2 Pre-Production Evaluation Effort:**

3.2.1 The technical data for the M203A1 Modification Kit has been prepared and checked in accordance with accepted engineering practices. On the basis of previous experience, it appears reasonable to assume that such data may contain deficiencies that would make it impossible or economically impractical to produce, fabricate or assemble the contract items in the quantities specified in exact accordance with the technical data. This Pre-Production Evaluation Clause is intended to: (1) identify the problem of possible technical data deficiencies, (2) define the contractor's responsibility to review the technical data package to identify and correct deficiencies to permit quantity production, (3) require reporting of such deficiencies and corrections in a manner acceptable to the Government, (4) provide that the identification of such deficiencies and the necessary correction thereof shall not be cause under this contract for any price increase or revision in the delivery schedule. By way of example only, such deficiencies could include errors and omissions in drawings, tolerance dimensions resulting in no fit conditions, missing or inadequate test procedures, requirements for material which is not readily available, or processing requirements not suitable for production. This clause is not intended to transfer design responsibility to the contractor.

**3.2.2 Scope:** The contractor shall perform an evaluation of all technical data supplied by the government, such evaluation shall include, but not be limited to, analysis, identification and recommended correction of any deficiencies in such data which the contractor considers necessary to assure that:

a. The contract items, including all components, assemblies, parts and packaging thereof, can be produced, fabricated and assembled in complete accordance with the requirements of this contract and technical data, corrected as required by this clause, without resort to any deviations, waivers or changes therefrom.

b. Parts and material required for manufacture can be acquired or manufactured utilizing the applicable technical data provided with this contract.

c. Contractor's obligations: The contractor shall, without increase in the contract price or extension in the delivery schedule, submit and accept, during the term of this contract, any PPE change to the technical data supplied by the government and incorporate such PPE change into any contract items not yet delivered to the government.

d. Submission requirements: Deficiencies discovered in the evaluation shall be documented and submitted to the government as Pre-Production Evaluation (PPE) Engineering Change Proposals (ECP's) in accordance with MIL-STD 973. The PPE ECP's shall be clearly and explicitly stated, with particular emphasis on the need for change, in order to permit expeditious evaluation by the government, the request must be accompanied by marked prints, drawings, sketches, calculations, quality engineering documents or other data sufficient to serve as a basis for revision of the technical data by the government.

e. The government reserves the right to reject any PPE change by providing written notice to the contractor within 30 working days after receipt by the contracting officer located at the U.S. Army Tank-Automotive and Armaments Command-Rock Island (TACOM-RI). The government also reserves the right to change the classification of a PPE ECP to a value engineering change proposal or to an engineering change proposal under the "Changes" clause of this contract if it is determined that the change is not within the scope of the PPE effort.

Approval of a PPE change by the contracting officer will be provided by written notice in a letter, teletype, email, or other form of reply indicating approval within 30 working days after receipt.

**3.2.3 Rights in technical data:** Any and all data submitted by the contractor under this clause shall be provided to the Government with unlimited rights in accordance with the rights in technical data clause of this contract.

**3.2.4 Termination of PPE:** The PPE effort shall continue until successful completion of this contract.

**3.3 Lot Acceptance Testing Requirements:** Testing shall be performed on each production lot as specified in the quality assurance provisions with verification level (VL) II for major characteristics and verification level I for minor characteristics (ref MIL-STD-1916).

**3.4 Preproduction Evaluation Test Requirements:** The contractor shall build ten (10) M203A1 Modifications Kits for pre-production engineering evaluation. Each of these ten kits shall be installed on each of three (3) randomly selected M4 Carbines and M203 Grenade Launchers. Selective fitting of components of the kit is not allowed. Each of the M4 Carbine/M203 Grenade Launchers shall then be inspected to ensure proper fit and function of all weapons components. Any design change required to ensure proper fit and function shall be submitted under the Pre-Production Engineering Changes clauses above. Two of the M4 Carbine/M203 Grenade Launchers shall then be randomly selected and tested in accordance with paragraph 4.1 Endurance below.

3.4.1 Endurance. The modification kit shall withstand the firing of 3600 rounds of M855 5.56mm ammunition and 1000 rounds of Government standard M406 High Explosive (HE) grenades, M781 Training and Practice grenades, or Government approved equivalent, without any component failures, cracks, loosening (except as permitted below) or deformation that could adversely affect safety or function. The modification kit shall not damage the weapon in a way that could adversely affect any function of the weapon.

3.4.1.1 Tightness of fit. The modification kit shall ensure a tight fit of the M203 Grenade Launcher to the M4/M4A1 Carbine. Tightness of fit shall be checked by holding the M4/M4A1 Carbine in a vertical position with the muzzle up and attempting to move the receiver assembly up and down and from side to side. There shall be no up and down movement between the receiver assembly and the carbine. The movement side to side should not exceed 1/8 inch left or right of center.

3.4.1.2 Upon initial installation and the end of each lubrication cycle of the endurance test, the M203 shall be

checked for tightness of fit. If the tightness of fit criteria of paragraph 3.4.1.1 is not met, the mounting bracket may be adjusted to correct it (up to three times). If on the initial installation, or on more than 3 of the 11 lubrication cycle checks during the endurance test, the tightness of fit is not met, the endurance test shall be considered failed.

#### **4.0 PREPRODUCTION EVALUATION/LOT ACCEPTANCE TEST PROCEDURES**

4.0.1 The Preproduction Test will include the contractor providing First Piece Inspection reports to final drawing dimensions and verification of special processes on all M203A1 Compatibility Kit component parts. As part of your Preproduction test data, the Government will accept for review and approval, the receiving inspection reports of QAP characteristics, as a minimum, for vended parts.

4.0.2 The contractor will further provide a Certificate of Conformance (COC) for all Performance Characteristics listed in section 3.4, in accordance with sections 4.1 of the end item Statement of Work for each lot of M203A1 Compatibility Kits manufactured under this contract.

4.0.3 The first month's production lot of Kits will not be accepted by the Government until the data has been reviewed and accepted by the Government.

4.1 Endurance test. The endurance test shall be performed with the modification kit, an M203 grenade launcher mounted on an M4/M4A1 carbine. The ammunition used for this test shall be M855 5.56mm Ball Cartridges for carbine testing and M406 HE 40mm grenades, M781 Training and Practice grenades, or Government approved equivalent for grenade launcher testing. The modification kits shall be visually inspected prior to and after testing and no cracks shall be permitted. The following components shall be magnetic particle inspected prior to and after testing and no crack indications shall be permitted:

12957129	Screw, Socket Head Hexagon Drilled (3 per kit)
12957127	Bracket, Mounting
12957128	Bracket Clamp Assembly
12991254	Bar, Locking

##### 4.1.1 Carbine.

4.1.1.1 Cleaning and lubrication. The carbine shall be

cleaned and lubricated at the beginning of the test and at the end of every 10 cycles. The carbine shall be lubricated after the fifth cycle and every 10 cycle increment. No other cleaning and lubrication shall be performed during this test. At the close of each day's firing, the carbine shall be protected against corrosion.

4.1.1.1.1 Lubrication. The carbine shall have been lubricated using lubricant in accordance with MIL-L-63460 (CLP). Apply a light coat of oil to all surfaces of the bolt carrier group. (Do not apply excessive oil in the bolt firing pin recess). Apply a moderate coat of oil on all firing mechanism components in lower receiver.

4.1.1.1.2 Cleaning. The carbine shall be cleaned with a cleaning solvent in accordance with MIL-PRF-372 and the following procedures:

a. Barrel. Brush bore thoroughly with a brush soaked in cleaning solvent. Brush the bore from the chamber to the muzzle using straight through strokes. Do not reverse direction of brush until it extends beyond the muzzle. Continue brushing until the bore is covered with solvent. Dry the bore by pushing clean dry swabs through the bore. Continue until the swab comes out clean and dry. Clean dry compressed air may be used for preliminary drying.

b. Barrel chamber. Insert the cleaning rod section and chamber brush that has been dipped in cleaning solvent into the chamber and use reciprocating plunge strokes and rotational 360° motions. Dry chamber with cleaning swabs.

c. Barrel extension. Using a small bristle brush that has been dipped in cleaning solvent, clean the locking lugs in the barrel extension. Remove excess cleaning solvent.

d. Bolt carrier group. With the exception of the bolt carrier key, bolt rings, extractor spring and the ejector, disassemble all parts, wash these parts in cleaning solvent and remove all carbon deposits. Particular attention should be given to the areas under the face of the extractor and behind the three rings on the bolt. Clean the bolt carrier key hole with a worn bore brush that has been dipped in cleaning solvent by rotating the brush clockwise (repeat several times until clean). Remove excess solvent and dry.

e. Upper receiver. Clean with cleaning solvent and remove all powder fouling. Clean the protruding gas tube using a bore brush attached to a section of the cleaning rod. Saturate the brush with cleaning solvent. (Do not use any type of abrasive

material to clean the gas tube. Remove excess cleaning solvent.)

f. Lower receiver. Remove all carbon residue from lower receiver group assembly using cleaning solvent. Drain excess solvent from lower receiver cavity and dry.

4.1.1.2 Firing procedure. The carbine shall be held in a Government approved firing stand. One firing cycle shall consist of 120 rounds as specified in TABLE III. All firing shall be done from 30 round magazines. Barrels shall be allowed to cool after each 120 round cycle. Cooling of the barrel shall be to the point that it is capable of being held by the bare hand. Supplemental cooling is permissible in the handguard area.

TABLE III. M4 Carbine Firing cycle.

30 rounds	Burst - one complete trigger pull (3 round burst) every 5 to 8 seconds.
30 rounds	Burst - one complete trigger pull (3 round burst every 2 to 5 seconds.
30 rounds	Semi-Automatic - rate of 10 to 30 rounds per minute.
30 rounds	Semi-Automatic - rate of 10 to 30 rounds per minute.

120 rounds  
total

TABLE III. M4A1 Carbine Firing cycle.

30 rounds	Automatic - one 5 round burst every 5 to 8 seconds.
30 rounds	Full Automatic - all 30 rounds
30 rounds	Semi-Automatic - rate of 10 to 30 rounds per minute.
30 rounds	Semi-Automatic - rate of 10 to 30 rounds per minute.

120 rounds  
total

#### 4.1.2 Grenade Launcher.

4.1.2.1 Cleaning and lubrication. Launchers shall be cleaned and lubricated with lubricant conforming to MIL-L-63460 (CLP) after each 240 rounds fired and at the close of day's firing.

4.1.2.2 Firing procedure. One grenade firing cycle shall

consist of 40 rounds of grenades. Grenades shall be shoulder fired or simulated shoulder fired

4.1.3 Combined firing cycle. The M4/M4A1 and M203 firing cycles shall be performed in sequence as shown in Table IV.

TABLE IV. M203 and M4/M4A1 Firing cycles combined.

	M855	Total M855	M406	Total M406	Remarks
1	120	120			
2	120	240			
3	120	360			
4	120	480			
5	120	600			
6			40	40	
7	120	720			
8			40	80	
9	120	840			
10			40	120	
11	120	960			
12			40	160	
13	120	1080			
14			40	200	
15	120	1200			
16			40	240	
17	120	1320			
18			40	280	
19	120	1440			
20			40	320	
21	120	1560			
22			40	360	
23	120	1680			
24			40	400	
25	120	1800			
26			40	440	
27	120	1920			
28			40	480	
29	120	2040			
30			40	520	
31	120	2160			
32			40	560	
33	120	2280			
34			40	600	
35	120	2400			
36			40	640	
37	120	2520			

38			40	680	
39	120	2640			
40			40	720	
41	120	2760			
42			40	760	
43	120	2880			
44			40	800	
45	120	3000			
46			40	840	
47	120	3120			
48			40	880	
49	120	3240			
50			40	920	
51	120	3360			
52			40	960	
53	120	3480			
54			40	1000	
55	120	3600			

4.1.4 Post firing evaluation. The modification kits shall be visually inspected and magnetic particle inspected in accordance with the requirements of paragraphs 3.4.1 Endurance and 4.1 Endurance Test. Failure of the modification kit to meet the endurance requirements shall be cause for failure of the endurance test.

**M203A1 Mod Kit** **Note: The offeror shall fill in only the unit price blocks. All other spaces are for**  
**DAAE20-00-R-0009** **government evaluation Purposes Only.**

**ATTACHMENT 2**

	Order Period 1			Order Period 2			Order Period 3			Order Period 4			Order Period 5		
	Order Qty	Unit Price	Wgt												
<b>CLIN 0001</b>	1 - 500		5%	1 - 50		40%	1 - 50		40%	1 - 50		40%	1 - 50		40%
M203A1 Mod Kit	501 - 2500		10%	51 - 250		45%	51-250		45%	51-250		45%	51-250		45%
P/N 12991506	2501 - 5000		70%	251 - 1000		10%	251-1000		10%	251-1000		10%	251-1000		10%
Evaluated unit price	5001 - 7500		15%	1001 - 2500		5%	1001-2500		5%	1001-2500		5%	1001-2500		5%
x Estimated Total Qty		3,850	100%			100%			100%			100%			100%
Evaluated CLIN price					100			100			100			100	
<b>CLIN 0002</b>	1 - 250		10%	1 - 25		5%	1 - 25		10%	1 - 25		5%	1 - 25		10%
Bracket Mounting Assy	251 - 500		20%	26 - 100		15%	26 - 100		50%	26 - 100		15%	26 - 100		50%
1010-01-442-0165	501 - 1000		60%	101 - 250		30%	101 - 250		30%	101 - 250		30%	101 - 250		30%
P/N 12957126	1001 - 1200		10%	251 - 600		50%	251 - 600		10%	251 - 600		50%	251 - 600		10%
Evaluated unit price			100%			100%			100%			100%			100%
x Estimated Total Qty		600						100			300				100
Evaluated CLIN price					300						300				
<b>CLIN 0003</b>	1 - 100		5%	1 - 25		5%	1 - 25		10%	1 - 25		5%	1 - 25		10%
Clamp Assy Bracket	101 - 250		10%	26 - 100		15%	26 - 100		50%	26 - 100		15%	26 - 100		50%
1010-01-442-0156	251 - 500		60%	101 - 250		60%	101 - 250		30%	101 - 250		60%	101 - 250		30%
P/N 12957128	501 - 1000		25%	251 - 500		20%	251 - 500		10%	251 - 500		20%	251 - 500		10%
Evaluated unit price			100%			100%			100%			100%			100%
x Estimated Total Qty		500						100			200				100
Evaluated CLIN price															
<b>CLIN 0004</b>	1 - 100		10%	1 - 25		5%	1 - 25		10%	1 - 25		5%	1 - 25		10%
Socket Head Cap, Screw	101 - 250		20%	26 - 100		15%	26 - 100		50%	26 - 100		15%	26 - 100		50%
5305-01-442-0157	251 - 500		60%	101 - 250		30%	101 - 250		30%	101 - 250		30%	101 - 250		30%
P/N 12957129	501 - 1000		10%	251 - 600		50%	251 - 600		10%	251 - 600		50%	251 - 600		10%
Evaluated unit price			100%			100%			100%			100%			100%
x Estimated Total Qty		500						100			300				100
Evaluated CLIN price															

M203A1 Mod Kit		Note: The offeror shall fill in only the unit price blocks. All other spaces are for																								
DAAE20-00-R-0009		government evaluation Purposes Only.																								
		Order Period 1					Order Period 2					Order Period 3					Order Period 4					Order Period 5				
		Order Qty	Unit Price	Wgt	Order Qty	Unit Price	Wgt	Order Qty	Unit Price	Wgt	Order Qty	Unit Price	Wgt	Order Qty	Unit Price	Wgt	Order Qty	Unit Price	Wgt	Order Qty	Unit Price	Wgt				
<b>CLIN 0005</b>		1 - 250		5%	1 - 25		5%	1 - 25		10%	1 - 25		10%	1 - 25		5%	1 - 25		5%	1 - 25		10%				
Handguard Assembly		251 - 500		10%	26 - 100		15%	26 - 100		50%	26 - 100		50%	26 - 100		15%	26 - 100		15%	26 - 100		50%				
P/N 12990563		501 - 1000		60%	101 - 250		30%	101 - 250		30%	101 - 250		30%	101 - 250		30%	101 - 250		30%	101 - 250		30%				
Evaluated unit price		1001 - 1200		25%	251 - 600		50%	251 - 600		10%	251 - 600		10%	251 - 600		50%	251 - 600		50%	251 - 600		10%				
x Estimated Total Qty			600	100%		300	100%		100		300	100%			300	100%					100	100%				
Evaluated CLIN price																										
<b>CLIN 0006</b>		25 - 100		15%	25 - 100		15%	25 - 100		50%	25 - 100		50%	25 - 100		15%	25 - 100		15%	25 - 100		50%				
Locking Bar		101 - 250		60%	101 - 250		60%	101 - 250		30%	101 - 250		30%	101 - 250		60%	101 - 250		60%	101 - 250		30%				
P/N 12991254		251 - 500		20%	251 - 500		20%	251 - 500		15%	251 - 500		15%	251 - 500		20%	251 - 500		20%	251 - 500		15%				
Evaluated unit price		501 - 3000		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%				
x Estimated Total Qty			200	100%		200	100%		100		200	100%			200	100%					100	100%				
Evaluated CLIN price																										
<b>CLIN 0007</b>		25 - 100		50%	25 - 100		15%	25 - 100		50%	25 - 100		50%	25 - 100		15%	25 - 100		15%	25 - 100		50%				
Quad Sight Clamp		101 - 250		30%	101 - 250		60%	101 - 250		30%	101 - 250		30%	101 - 250		60%	101 - 250		60%	101 - 250		30%				
P/N 12991504		251 - 500		15%	251 - 500		20%	251 - 500		15%	251 - 500		15%	251 - 500		20%	251 - 500		20%	251 - 500		15%				
Evaluated unit price		501 - 3000		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%				
x Estimated Total Qty			100	100%		200	100%		100		200	100%			200	100%					100	100%				
Evaluated CLIN price																										
<b>CLIN 0008</b>		25 - 100		50%	25 - 100		15%	25 - 100		50%	25 - 100		50%	25 - 100		15%	25 - 100		15%	25 - 100		50%				
Bracket Assembly		101 - 250		30%	101 - 250		60%	101 - 250		30%	101 - 250		30%	101 - 250		60%	101 - 250		60%	101 - 250		30%				
P/N 12991510		251 - 500		15%	251 - 500		20%	251 - 500		15%	251 - 500		15%	251 - 500		20%	251 - 500		20%	251 - 500		15%				
Evaluated unit price		501 - 3000		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%	501 - 2500		5%				
x Estimated Total Qty			100	100%		200	100%		100		200	100%			200	100%					100	100%				
Evaluated CLIN price																										
Evaluated Price of all CLINs																										
Price-Related Evaluation Factors Required by RFP																										
Total Evaluated Price																										

**ATTACHMENT 2**

HAZARDOUS COMPONENT SAFETY DATA STATEMENT (HCSDS)		1. DATE PREPARED (MM/DD/YY) 96 May 23	REPORT CONTROL SYMBOL MIL (AF) 1087
2. MATERIAL COMPONENT ASSEMBLY Cartridge, 5.56mm, Ball, M855		3. NUMBER 1728	4. REVISION J
3. APPLICABLE FEDERAL ACQUISITION REGULATION (PART SAFETY CLAUSE) 28.7102			
PART I - SENSITIVITY (Accelerations and Comparison Values)			
6. FRICTION TEST NA	7. IMPACT TEST NA	8. ELECTROSTATIC DISCHARGE TEST NA	
PART II - HAZARDOUS			
9. FIRE Low	10. AUTO IGNITION TEMP NA	11. FLASH POINT NA	12. DECOMPOSITION PRODUCTS Toxic, Avoid Inhalation and Ingestion
13. FLAMMABLE AND/OR EXPLOSIVE LIMITS		14. EXPLOSION Low	15. EXPLOSIVE TEMP (5 Sec) NA
a. LOWER PERCENT NA	b. UPPER PERCENT NA		
17. HEALTH HAZARD INFORMATION (Toxicity) Not Toxic		16. UNPACKED (In-Process) HAZARD CLASS (Specify Parameters if Applicable) CLASS 1.2	
12. SPECIAL REQUIREMENTS (If additional space is needed, use plain bond paper)  Ref-Dwg: 9342868 and Spec: MIL-C-63989  Approved Packaging Drawings (See Attached Sheet)  *** (See attached sheet)			
PART III - SHIPPING/STORAGE CLASSIFICATION OF ITEM WHEN PACKED IN ACCORDANCE WITH APPROVED PACKING DRAWINGS			
20. DOT HAZARD CLASSIFICATION 1.4	21. DOT STORAGE COMPATIBILITY GROUP S	22. DOT HAZARD CLASSIFICATION 1.4S	23. DOT CONTAINER MARKING ***
24. PREPARED BY (Initials)			
a. TYPED OR PRINTED NAME R. W. BATSON	b. SIGNATURE <i>R.W. Batson</i>	c. ORGANIZATION Safety Office	
25. CONCURRED IN BY			
a. TYPED OR PRINTED NAME C. L. NGUYEN	b. SIGNATURE <i>Cl Nguyen</i>	c. ORGANIZATION Safety Office	
26. SAFETY CHIEF OR AUTHORIZED REPRESENTATIVE			
a. TYPED OR PRINTED NAME C. PETERS	b. SIGNATURE <i>C. Peters</i>	c. ORGANIZATION Safety Office	
The information relating to safety (herein referred to as "safety data") contained in this document is limited to those instances when the document is provided as a part of a procurement/production package which involves the development, testing, storage, manufacture, modification, renovation, demilitarization, packaging, transportation, handling, disposal, inspection, repair or any other use of the item, (material/component/assembly) which is specified in the contract. The safety data contained herein are examples which shall be used by the contractor to alert contractor personnel as well as other personnel of hazards associated with the procure-		ment/production of the item. No representation is made that compliance with the information provided will prevent any accident to persons or property or that additional warnings may not be appropriate. Neither the foregoing nor any act or failure to act by the Government in regard to alerting personnel to the hazards of the item shall affect or relieve the contractor of responsibility for the safety of contractor personnel or property and for the safety of the general public in connection with the performance of the contract, or impose or add to any liability of the Government for such safety.	

Attachment 003

1728  
J  
23 May 96

Cartridge, 5.56mm, Ball, M855

Spec: MIL-C-63989

HCSDS: 1728

Dwg: 9342868, Rev-F

Primer, Percussion, M41

Spec: MIL-P-46610

HCSDS: 10032

Dwg: 10534279

Propellant, WC-844

Spec: MIL-P-3984

HCSDS: 340

Dwg: 10542743

"or"

Propellant, WCR-845

Spec: MIL-P-3984

HCSDS: 2504

Dwg: 12953490

Bullet, Ball, 5.56mm

Dwg: 9342869 Rev-D

9392531 Rev-

1728  
J  
23 May 96

SPECIAL REQUIREMENTS: (CON'T)

In accordance with applicable parts of 49CFR for proper description, packaging, marking and classification, the following Hazard Classification is assigned to the subject item:

DOD Hazard Class/Div/SCG: 1.4S  
DOT Hazard Class: 1.4S  
(Section 173, Subpart C, Section 173.52)  
DOT Label: Explosive 1.4  
(Section 172, Subpart B (172.411 (c) & (d))  
DOT Proper Shipping Name (PSN): Cartridges, Small Arms  
(Section 172, Subpart B and Section 172.101)  
UN Serial Number/PSN: 0012  
DOT Container Marking: Cartridges, Small Arms  
UN: 0012  
NSN: (as applicable)  
DOT Authorization: (as applicable)  
(Section 172, Subpart D, Section 172.301(a) and  
172.320(a))  
Packaging Method: US005  
Explosive Weight for QD Determination: lbs (kgs): 0.00379  
(.00172)

2. Approved Packaging Drawings:

800 Cartridges - M27 Linked: 9354507, 9354506, 9354585,  
9354584, 9354583

(NSN: 1305-01-156-7584 DODIC: A064 UN Ident: 0012)  
DOT Authorization; Ref: 8501077A

1680 Cartridges - 10 Rd Clips: 9354626, 12551963-4, 11735700

(NSN: 1305-01-155-5459 DODIC: A059 UN Ident: 0012)  
DOT Authorization; Ref: Ex-8501076C

1600 Cartridges - M27 Linked: 9357709, 9357711, 9357710

(NSN: 1305-01-155-5461 DODIC: A062 UN Ident: 0012)  
DOT Authorization; Ref: Ex-8501076D

1680 Cartridges: 9357712, 9357715, 9357714, 9357713,  
10534433

(NSN: 1305-01-155-5458 DODIC: A058 UN Ident: 0012)  
DOT Authorization; Ref: Ex-8501076B

SPECIAL REQUIREMENTS: (CONT'D)

1680 Cartridges - 10 Rd Clips: 9357724, 9357715, 9357714,  
9357713, 11010483  
(NSN: 1305-01-155-5462 DODIC: A059 UN Ident: 0012)  
DOT Authorization; Ref: Ex-8501076E

1640 Cartridges: 9357726, 9345240, 9345239, 10534433  
(NSN: 1305-01-155-5455 DODIC: A058 UN Ident: 0012)  
DOT Authorization; Ref: Ex-8501076G

800 Cartridges - M27 Linked: 9378320, 9378319, 9378318,  
9378317, 9378316  
(NSN: 13305-01-174-9277 DODIC: A062 UN Ident: 0012)  
DOT Authorization; Ref: Ex-8501076F

1600 Cartridges - M27 Linked: 12597656, 12590217, 12590219,  
9354584, 9354583  
(NSN: 1305-01-252-0153 DODIC: A064 UN Ident: 0012)  
DOT Authorization; Ref: Ex-8712753

200 Cartridges - M27 Linked: 9357709, 9357711, 9357710  
(NSN: 1305-01-155-5461)  
DOT Authorization; Ref: Ex-8501076D

1600 Cartridges - M27 Linked - M248 Mag: 12590315, 12590217,  
12590219, 9378317  
(NSN: 1305-01-358-8692)  
DOT Authorization; Ref: Ex-9211175

# HAZARDOUS COMPONENT SAFETY DATA STATEMENT (HCSDS)

<b>2 MATERIAL/COMPONENT/ASSEMBLY</b> Cartridge, 40mm, Practice, M781	<b>1. DATE PREPARED (YYMMDD)</b> 92 May 18	<b>REPORT CONTROL SYMBOL</b> MIL (AR) 1687
<b>5 APPLICABLE FEDERAL ACQUISITION REGULATION (FAR) SAFETY CLAUSE</b> 28.7102	<b>3. NUMBER</b> 1145	<b>4. REVISION</b> F

## PART I - SENSITIVITY (Apparatus and Comparison Values)

<b>6 FRICTION TEST</b> NA	<b>7 IMPACT TEST</b> NA	<b>8. ELECTROSTATIC DISCHARGE TEST</b> NA
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## PART II - HAZARDS

<b>9. FIRE</b> Low	<b>10. AUTO IGNITION TEMP.</b> NA	<b>11. FLASH POINT</b> NA	<b>12. DECOMPOSITION PRODUCTS</b> Toxic, Avoid Inhalation and Ingestion
<b>13 FLAMMABLE AND/OR EXPLOSIVE LIMITS</b>		<b>14. EXPLOSION</b> Low	<b>15. EXPLOSIVE TEMP. (5Sec)</b> NA
<b>a. LOWER PERCENT</b> NA	<b>b. UPPER PERCENT</b> NA		
<b>17 HEALTH HAZARD INFORMATION (Toxicity)</b> Not Toxic			<b>18. UNPACKED (In-Process) HAZARD CLASS (Specify Quantities Involved)</b> Class 1.4

**19 SPECIAL REQUIREMENTS (If additional space is needed, use plain bond paper)**  
 Ref-Dwg: 9322240 and Spec: MIL-C-63239  
 Approved Packaging Drawings (See Attached Sheet)  
 \*\*\* (See Attached Sheet)

## PART III - SHIPPING / STORAGE CLASSIFICATION OF ITEM WHEN PACKED IN ACCORDANCE WITH APPROVED PACKING DRAWINGS

<b>20 DOD HAZARD CLASS/DIV</b> 1.4	<b>21. DOD STORAGE COMPATIBILITY GROUP</b> C	<b>22. DOD HAZARD CLASSIFICATION</b> 1.4C	<b>23. DOD CONTAINER MARKING</b> ***
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<b>24 PREPARED BY (Initiator)</b>		
<b>a TYPED OR PRINTED NAME</b> R W BRATSON	<b>b SIGNATURE</b> <i>R.W. Bratson</i>	<b>c. ORGANIZATION</b> SAFETY OFFICE, ARDEC
<b>25 CONCURRED IN BY</b>		
<b>a TYPED OR PRINTED NAME</b> R W SNOOK	<b>b SIGNATURE</b> <i>R.W. Snook</i>	<b>c. ORGANIZATION</b> SAFETY OFFICE, ARDEC
<b>26 SAFETY CHIEF OR AUTHORIZED REPRESENTATIVE</b>		
<b>a TYPED OR PRINTED NAME</b> C PRITERS	<b>b SIGNATURE</b> <i>C. Priters</i>	<b>c. ORGANIZATION</b> SAFETY OFFICE, ARDEC

<p>The information relating to safety (herein referred to as "safety data") contained in this document is limited to those instances when the document is provided as a part of a procurement/production package which involves the development, testing, storage, manufacture, modification, renovation, demilitarization, packaging, transportation, handling, disposal, inspection, repair or any other use of the item, (material/component/assembly) which is specified in the contract. The safety data contained herein are examples which shall be used by the contractor to alert contractor personnel as well as other personnel of hazards associated with the procurement/production</p>	<p>of the item. No representation is made that compliance with the information provided will prevent any accident to persons or property or that additional warnings may not be appropriate. Neither the foregoing nor any act or failure to act by the Government in regard to alerting personnel to the hazards of the item shall affect or relieve the contractor of responsibility for the safety of contractor personnel or property and for the safety of the general public in connection with the performance of the contract, or impose or add to any liability of the Government for such safety.</p> <p style="text-align: right;">Sheet 1 of 3</p>
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1145  
P  
18 May 92

Cartridge, 40mm, Practice, M781

Spec: MIL-C-63239

HCSDS: 1145

Dwg: 9322240, Rev-H

Case, Cartridge, M212

Spec: MIL-C-63240

HCSDS: 1144

Dwg: 9322239

Projectile Assy, 40mm Practice

Dwg: 9310345  
9381594

**SPECIAL REQUIREMENTS: (CON'T)**

1. Classifications are for shipment and storage when item is packaged in accordance with applicable parts of 49CFR for proper description, packaging, marking and classification, the following Hazard Classification is assigned to the subject item:

DOD Hazard Class/Div/SCG: 1.4C  
DOT Hazard Class: 1.4C  
(Section 173, Subpart C, Section 173.52)  
DOT Label: Explosive 1.4C  
(Section 172, Subpart E (172.411 (c) & (d))  
DOT Proper Shipping Name (PSN): Cartridges for Weapons,  
Inert Projectile  
(Section 172, Subpart B and Section 172.101)  
UN Serial Number/PSN: 0339 Cartridges for Weapons, Inert  
Projectile  
DOT Container Marking: Cartridges for Weapons, Inert  
Projectile  
UN: 0339  
NSN: (as applicable)  
DOT Authorization: (as applicable)  
(Section 172, Subpart D, Section 172.301(a) and  
172.320(a))  
Packaging Method: US 005  
Explosive Weight for QD Determination: lbs (kgs):  
0.000823(0.000373)

2. Approved Packaging Drawings:

100 Cartridge: 9326637, 9325896, 9325894  
(NSN: 1310-01-050-7967 DODIC: B519)  
DOT Authorization; Ref: EX-8906030

44 Cartridge: 9341472, 9209205, 9209204  
(NSN: 1310-01-107-5404 DODIC: B519)  
DOT Authorization; Ref: EX-8906029

100 Cartridges: 9358069, 9325896, 9325894  
(NSN: 1310-01-148-8881 DODIC: B519)  
DOT Authorization; Ref: EX-8906028

100 Cartridges: 9395853, 9325896, 9325894  
(NSN: 1310-01-211-8073 DODIC: B519)  
DOT Authorization; Ref: EX-8904055

DOCUMENT SUMMARY LIST

Item: M203 f/M4 CARBINE

NSN: 1010-01-435-0910

Control Number/PRON: XXXXXXXXXX

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

DOCUMENT CATEGORY:

CATEGORY 0 - Unless otherwise specified in the solicitation, contract, or contract modifications, all documents are for guidance and information only.

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

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

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

Document Number (Contract Reference) Applicable Tailoring	Document Title	Document Date/ Document Category
1a. MIL-STD-2549 Table DIP 4-1	Configuration Management Data Interface	30 Jun 97 Cat 2
1b. DI-CMAN-81554 (seq A001)	Configuration Change Control Data Information Packet	30 Jun 97 Cat 2
2. ANSI/ISO/ASQC Q9001 Higher Level Contract Quality Requirement (Sec E) or equivalent	Quality Systems-Model for QA in Design/Devel., Prod., Installation & Servicing	1994
3a. DOD-P-16232F INT Amd 1 (TDPL)	Phosphate Coating Heavy Manganese or Zinc Base (for Ferrous Metal)	09 Sep 92 Cat 2
3b. DI-NDTI-80603 (DD Form 1423)	Test Procedure	01 Jun 88 Cat 1
4. FAR PART 45 ACTBY INST, para 1,9	Federal Acquisition Regulation	1 Apr 1984 Cat 2

*Attachment 005*

5.	AR 710-3 ACTBY INST, para 4,7	Asset and Transaction Reporting System	16 Dec 1987 Cat 2
6a.	N/A ACTBY INST, para 4a(1)	Statement of Work	N/A Cat 2
6b.	DI-MGMT-80544A (DD Form 1423)	Transportation Discrepancy Report	08 Nov 1990 Cat 1
7a.	N/A ACTBY INST, para 4a(2)	Statement of Work	N/A Cat 2
7b.	DI-MGMT-80503 (DD Form 1423)	Report of Shipping (Item) and Packaging Discrepancy	30 Dec 1987 Cat 1
8a.	N/A ACTBY INST, para 5	Statement of Work	N/A Cat 2
8b.	DI-MGMT-80408B (DD Form 1423)	Request for Government Furnished Materiel	15 May 1998 Cat 1
9a.	N/A ACTBY INST, para 6	Statement of Work	N/A Cat 2
9b.	DI-MGMT-80438B (DD Form 1423)	Government Furnished Materiel (GFM) Consumption Report	15 May 1998 Cat 1
10a.	N/A ACTBY INST, para 4b, 7	Statement of Work	N/A Cat 1
10b.	DI-MISC-80914A (DD Form 1423)	Small Arms Serialization Program (SASP) Transaction Card	19 Jul 1991 Cat 1

## LIST OF ADDRESSES

Commander  
U.S. Army Industrial Operations Command  
ATTN: AMSIO-\_\_\_\_\_ (see block 14 of DD form 1423 for symbols that apply)  
Rock Island, IL 61299-6000

Director  
Armament and Chemical Acquisition, and Logistics Activity  
ATTN: AMSTA-AC\_\_\_\_\_ (see block of DD form 1423 for symbols that apply)  
Rock Island, IL 61299-8630

Director  
U.S. Army, Armament, Research, Development & Engineering Center  
ATTN: AMSTA-AR\_\_\_\_\_ \*(R) (see block of DD form 1423 for symbols that apply)  
Rock Island, IL 61299-7300

Commander  
U.S. Army, Armament Research, Development & Engineering Center  
ATTN: AMSTA-AR-\_\_\_\_\_ \*(D) (See block 14 of DD Form 1423 for symbols that apply)  
Picatinny Arsenal, NJ 07806-5000

\*When letter in parentheses at end of office symbol is a "R", use Rock Island address; when it is a "D", use Picatinny Arsenal address.

### E-MAIL ADDRESSES:

AMSTA-AR-QAA(D)	aie-qa@pica.army.mil
AMSTA-AR-QAC(D)	aie-qac@pica.army.mil
AMSTA-AR-QAT(D)	aie-qat@pica.army.mil
AMSTA-AR-QA__(R)	amsta-ar-qa-cdr@ria-emh2.army.mil

Attachment 006

## ACCOUNTABILITY INSTRUCTIONS

 Mod Kit

1. Transfer of Accountability. Government furnished equipment (GFE) for temporary use and Government furnished material (GFM) for consumption/incorporation: Accountability for this material is transferred to the Contractor under provisions of the FAR. The Contractor shall maintain the official property records in accordance with Part 45. Cited data item descriptions provide transaction reporting necessary for accurate physical and fiscal accounting for material in the possession of defense contractors.

2. Point of contact for accountability.

ASSOCIATE DIRECTOR COMMODITY BUSINESS OPERATIONS/RI SITE MANAGER  
TACOM-RI  
ATTN: AMSTA-LC-CIAI  
ROCK ISLAND, IL 61299-7630  
COMMERCIAL PHONE 309-782-3863

3. All Data/Reports to be submitted electronically utilizing E-Mail with attachments of MSWORD, MICROSOFT EXCEL, or Flat Text file software packages. If unable to E-Mail, reports are to be submitted on 3 ½ 1.44M floppy disks.

4. Material Receipt by Contractor.

a. Discrepancy Reporting: Discrepancies shall be distinguished and reported as one of the following:

(1) Transportation type discrepancy: This discrepancy is evident when material received disagrees with the condition, quantity, or type from that property described on the bill of lading or other transportation document. See DI-MGMT-80544A.

(2) Shipping type discrepancy: This discrepancy is evident when freight is opened and the contents do not agree with the supply shipping documents. See DI-MGMT-80503, Report of Shipping (Item) and Packaging Discrepancy.

b. Receipt of Serial Numbered Small Arms: Tracking small arms by serial control transactions is required by AR 710-3, Chapter 4, Section 1, and shall be accomplished in accordance with DI-MISC-80914A. Each asset received from the Government will be accompanied by two Small Arms Serialization Program (SASP) "S" transaction cards (DIC DSM). Immediately upon receipt of weapons with accompanying SASP cards, process the two "S" transactions in accordance with the following to prepare three .

Attachment 007

"R" transactions.

(1) Perpetuate all data entries except the following:

CC 7 Transaction Code: Change to "R"  
CC 45-50 DODAAC, Ship to: To be provided  
CC 51-56 Reporting DODAAC: Change to the DODAAC  
specified in the contract  
CC 76-80 Transaction Date: Enter current Ordinal  
date

(2) Two "R" transactions shall remain with the weapon throughout the repair/storage process. The remaining transaction shall be immediately forwarded by registered mail to:

LOGISTICS SUPPORT ACTIVITY (LOGSA)  
MAJOR ITEM CENTER (MIC)  
ATTN: AMXLS-MD (UIT)  
REDSTONE ARSENAL, ALABAMA 35898-7466  
Commercial Phone (205) 955-8358/7218  
DSN 645-8358/7218  
E-Mail uit@logsa.army.mil

(3) Transactions may also be transceived by AUTODIN utilizing address routing indicator code RUQADUE with content indicator code AHAE.

#### 5. MILSTRIP Requisitioning.

a. MILSTRIP requisition authority is granted for items identified by NSN and quantities (not to be exceeded) in this contract. MILSTRIP requisitions will be submitted in accordance with DD Form 1423, DI-MGMT-80408A.

b. Requisitions submitted under this contract shall contain the following data:

- (1) Document Identifier Code Modifier (CC 3): A
- (2) Routing Identifier Code (CC 4-6): A84
- (3) Media and Status Code (CC 7): S
- (4) Supplementary Address (CC 45-50): Blank
- (5) Signal Code (CC 51): TBD
- (6) Fund Code (CC 52-53): TBD
- (7) Distribution Code (CC 54): S

(8) Project Code (CC 57-59):

(9) Priority (CC 60-61): Blank  
03 Work Stoppage  
06 Anticipated Work Stoppage  
13 Routine

(10) Advice (CC 65-66): 2J

6. Consumption of GFM. Consumption of GFM shall be reported in accordance with DD Form 1423. See DI-MGMT-80438A.

7. Return or Direct Shipment of Serial Numbered Small Arms.

a. For each small arms asset being shipped, three DIC DSM "S" transactions shall be prepared IAW DI-MISC-80914A.

b. Perpetuate all data entries from the DIC DSM "R" transaction except the following:

CC 7 Transaction Code: Change to "S"  
CC 76-80 Ordinal Date: Enter date of shipment.

c. Distribution and submission media shall be in accordance with paragraph 3b above.

8. Return of GFE.

a. Inventory: The Contractor shall, within 30 calendar days after Government acceptance of all items on this contract, provide an inventory list of all remaining GFE, through the Administrating Contracting Officer (ACO) to the Contracting Officer.

b. Disposition Instructions: Within 45 days after receipt of the inventory list, the Contracting Officer will provide the Contractor with disposition instructions. To assure property accountability and preclude Contractor liability, all GFE must be returned on the document number under which it was received.

9. Excess GFM.

a. Inventory: In accordance with the FAR, subpart 45.508-1, immediately upon termination or completion of a contract, the Contractor shall perform and cause each subcontractor to perform a physical inventory, adequate for disposal purposes, of all GFM applicable to the contract.

b. Reporting: In accordance with the FAR, subpart 45.608,

the Plant Clearance Office will determine the categories of screening required and initiate screening action.

c. Purchase or Retention: The FAR, subpart 45.604 and applicable Government restrictions apply.

# WARNING

## ***THIS CONTRACT INVOLVES HAZARDOUS MATERIAL***

SEE SEPARATE HAZARDOUS COMPONENT SAFETY  
DATA STATEMENTS FOR TECHNICAL DATA  
AND SAFETY REQUIREMENTS

(TITLE OF END ITEM AND IFB, RFQ, RFP'S, ETC. OR CONTRACT NUMBER)  
SOLICITATION DAAE20-R-0009  
M203A1 Modification Kit

**FIRMS MUST HAVE ADEQUATE FACILITIES  
FOR HANDLING AMMUNITION, EXPLOSIVES,  
or other unique military related dangerous material  
involved that could adversely affect personnel and  
property in the event of explosion, fire or exposure.  
Prior to contract award, the Government will thoroughly  
investigate the ability of prospective contractor to  
comply with safety requirements.**

Attachment 008

EXECPTIONS:1) The M203 KIT shall be packaged in the following configuration:

OPER NO.	QTY REQ.	NOMENCLATURE	PART NUMBER
1	1	Quardrant Sight Spacer	12598113
2	2	Screws	MS51959-34B
3	Place	operations NO 1	and 2 together in a bag
4	1	Quardrant Sight Bracket ASSY	12991510
5	1	Quardrant Sight Clamp	12991504
6	1	Handguard ASSY	12990563
7	1	Mounting Bracket	12957126
8	3	Screws	12597129
9	2	Washers	AN960-XC10-L
10	Place	operations 7,8,	and 9 together in a bag
11	1	Locking Bar	12991254
12	Place	Operations 3,4,	5,6,10 and 11 all together in bag.

Attachment 00.9

CONTRACT DATA REQUIREMENTS LIST  
DD FORM 1423 (MECHANIZED)

CATEGORY: MISC SYSTEM/ITEM: M203 f/M4 CARBINE  
TO CONTRACT/PR: ██████████

1. SEQUENCE NUMBER		14. DISTRIBUTION	DRFT/REG/REPRO COPIES
2. TITLE OF DATA ITEM			
3. SUBTITLE			
4. DATA ITEM NUMBER			
5. CONTRACT REFERENCE			
6. TECHNICAL OFFICE	7. DD 250	8. APP CODE	9. DIST STATEMENT REQUIRED
10. FREQUENCY	11. AS OF DATE		15. TOTAL:
12. DATE OF 1ST SUBMISSION		13. DATE OF SUBSEQUENT SUBMISSION	
16. REMARKS	-----		

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

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

1. A002		14. PROCUREMENT	/ /
2. TEST PROCEDURE/ PHOSPHATE COATING PRE-		CONTRACTING	/ /
3. PRODUCTION PROCEDURE		OFFICER	/ 1/
4. DI-NDTI-80603*			
5. DOD-P-16232, PARA 3.1			
6. AMSTA-AR-ESM	7. XX	8. A	9. N/A
10. ONE/R	11. N/A		15. TOTAL 0/ 1/ 0
12. 60 DAC		13. N/A	

16. REMARKS  
\*PARA'S 10.2.2.2 & 10.2.2.3 ONLY APPLY. BLOCK 8 CONT.-PRIOR TO PRODUCTION, APPROVAL THROUGH THE CONTRACTING OFFICER IS REQUIRED WITHIN 60 DAYS AFTER CONTRACT AWARD. A DD FORM 250 IS NOT REQUIRED FOR PHOSPHATE COATING PROCEDURE APPROVAL. CONTRACTOR FORMAT ACCEPTABLE. SHALL BE SUBMITTED ON AN IBM COMPATIBLE 3-1/2" DISKETTE IN RICH TEXT FORMAT (RTF).

Exhibit A



1. A006  
 2. GOVERNMENT FURNISHED MATERIEL (GFM)  
 3. CONSUMPTION REPORT  
 4. DI-MGMT-80438B  
 5. SOW, ACTBY INST,para 5  
 6. AMSTA-LC-CIA            7. DD   8.            9. N/A  
 10. MTHLY            11. 0 TIME                            15. TOTAL            0/ 1/ 0  
 12. 40 DAC    13.  
 16. REMARKS  
 SUBMISSION REQUIRED TO REFLECT GFM CONSUMED DURING REPORT PERIOD-NEGATIVE  
 REPORT REQUIRED.BLK 10:10TH DAY OF MONTH FOLLOWING REPORT MONTH.  
 E-MAIL: mosleya@tacom.army.mil

1. A007    14.  
 AMXLS-MD                                    / 1/  
 2. SMALL ARMS SERIALIZATION PROGRAM  
 3. (SASP) TRANSACTION CARD                                    STORAGE LOC                                    / 1/  
 4. DI-MISC-80914A  
 5. SOW, ACTBY INST para 6  
 6. AMSTA-LC-CIA            7. DD   8.            9.N/A  
 10. ASREQ            11. ASREQ                                    15. TOTAL            0/ 2/0  
 12. \*    13.  
 16. REMARKS  
 \*SUBMISSION REQUIRED IMMEDIATELY UPON GOVERNMENTS ACCEPTANCE OF WEAPONS,  
 ALSO REQUIRED IMMEDIATELY UPON RECEIPT OF CONTRACTOR.  
 E-MAIL: uit@logsa.army.mil

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

DATE: 12/08/1999