

# 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)

DAAE20-01-R-0038

**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.**

## DOCUMENT SUMMARY LIST

Item: GUN, 20MM, AUTOMATIC, THREE BARREL, M197  
 NSN: 1005-00-369-9015  
 Control Number/PRON: R10A1R60

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 Q9002 or equivalent	Model for Quality Assurance in Production, Installation & Servicing	18 Jul 94
3a. NCSL Z540-1 (ES7010)	General Requirements for Calibration Laboratories and Measuring and Test Equipment OR	30 Aug 94
ISO 10012-1 (ES7010)	Quality Assurance Requirements for Measuring Equipment, Part 1: Metrological Confirmation System	1992
3b. DI-QCIC-81006 (DD Form 1423)	Special Inspection Equipment Descriptive Documentation	11 Sep 89 Cat 1
4a. MIL-DTL-16232G (TDPL)	Phosphate Coating Heavy Manganese or Zinc Base	07 Jan 00 Cat 2
4b. DI-NDTI-80603 (DD Form 1423)	Test Procedure	01 Jun 88 Cat 1

4a. MIL-DTL-16232G (TDPL)	Phosphate Coating Heavy Manganese or Zinc Base	07 Jan 00 Cat 2
4b. DI-NDTI-80603 (DD Form 1423)	Test Procedure	01 Jun 88 Cat 1
5. FAR PART 45 (ACCTBY INST, para 1,7)	Federal Acquisition Regulation	1 Apr 84 Cat 3
6. AR 710-3 (ACCTBY INST, para 4,7)	Asset and Transaction Reporting System	16 Dec 87 Cat 3
7.a. N/A (ACCTBY INST, para 4a(1))	Statement of Work	N/A Cat 2
7.b. DI-MGMT-80544A (Sequence A001)	Transportation Discrepancy Report	8 Nov 90 Cat 1
8.a. N/A (ACCTBY INST, para 4a(2))	Statement of Work	N/A Cat 2
8.b. DI-MGMT-80503 (Sequence A002)	Report of Shipping (Item) and Packaging Discrepancy	30 Dec 87 Cat 1
9.a. N/A (ACCTBY INST, para 5)	Statement of Work Cat 2	N/A
9.b. DI-MGMT-80408A (Sequence A003)	Request for Government Furnished Materiel	24 Apr 91 Cat 1
10a. N/A (ACCTBY INST, para 6)	Statement of Work	N/A Cat 2
10b. DI-MGMT-80438A (Sequence A004)	Government Furnished Materiel (GFM) Consumption Report	24 Apr 91 Cat 1

ONLY EVIDENCE OF PRIOR APPROVALS.  
 email: (1)aie-qac@pica.army.mil (2)amsta-ar-qa-cdr1@ria-emh2.army.mil  
 Text:Microsoft Office 97  
 Drawings:AutoCAD-Release 14 (Expressed mailed hard copies will be accepted)  
 Files may be compressed using ZIP program.  
 WARNING: Large packages may cause delays in delivery using mail internet.  
 Email subject line must contain end item nomenclature.

1. A003		14.	
		PROCUREMENT	/ /
2. TEST PROCEDURE/ PHOSPHATE COATING PRE-		CONTRACTING	/ /
3. PRODUCTION PROCEDURE		OFFICER	/ 1/
4. DI-NDTI-80603*			
5. MIL-DTL-16232, PARA 3.1			
6. AMSTA-AR-WEP-RM	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  
 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).

1. A004		14.	
		AMSTA-LC-CIAT	/ 1/
2. TRANSPORTATION DISCREPANCY REPORT			
3.			
4. DI-MGMT-80544A			
5. SOW, ACTBY INST, para 3a(1)			
6. AMSTA-LC-CIA	7. NO	8.	9. N/A
10. ASREQ	11. ASREQ	15. TOTAL	0/ 1/ 0
12. *	13.		

16. REMARKS  
 \*SUBMISSION REQUIRED UPON DISCOVERY OF TRANSPORTATION DISCREPANCY WHEN MATERIEL IS RECEIVED AT CONTRACTOR'S FACILITY.  
 E-MAIL: mosleya@tacom.army.mil

1. A005		14.	
		AMSTA-LC-CIAC	/ 1/
2. REPORT OF SHIPPING (ITEM) AND			
3. PACKAGING DISCREPANCY			
4. DI-MGMT-80503			
5. SOW, ACTBY INST, para 4a(2)			
6. AMSTA-LC-CIA	7. NO	8.	9. N/A
10. ASREQ	11. ASREQ	15. TOTAL	0/ 1/ 0

12. \*

13.

16. REMARKS

\*SUBMISSION REQUIRED UPON DISCOVERY OF SHIPPING DISCREPANCY WHEN MATERIEL IS RECEIVED AT CONTRACTOR'S FACILITY. REPORT SHALL BE SUBMITTED WITHIN 3 DAYS OF DISCOVERY.

E-MAIL: rods@ria.army.mil

1. A006

14. AMSTA-LC-CIAT / 1/

2. REQUEST FOR GOVERNMENT FURNISHED  
3. MATERIEL (GFM)

4. DI-MGMT-80408B

5. SOW, ACTBY INST,para 5

6. AMSTA-LC-CIA 7. NO 8. 9.N/A

10. ASREQ 11. ASREQ 15. TOTAL 0/ 1/ 0

12. \* 13.

16. REMARKS

\*SUBMISSION REQUIRED TO RECEIVE GFM  
E-MAIL: mosleya@tacom.army.mil

1. A007

14. AMSTA-LC-CIAT / 1/

2. GOVERNMENT FURNISHED MATERIEL (GFM)  
3. CONSUMPTION REPORT

4. DI-MGMT-80438B

5. SOW, ACTBY INST,para 6

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

**INSTRUCTIONS FOR COMPLETING DD FORM 1423**  
(See DoD 5010.12-M for detailed instructions)

**FOR GOVERNMENT PERSONNEL**

- Item A.** Self-explanatory.
- Item B.** Self-explanatory.
- Item C.** Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as AProvisioning, AConfiguration Management, etc.
- Item D.** Enter name of system/item being acquired that data will support.
- Item E.** Self-explanatory (to be filled in after contract award).
- Item F.** Self-explanatory (to be filled in after contract award).
- Item G.** Signature of preparer of CDRL.
- Item H.** Date CDRL was prepared.
- Item I.** Signature of CDRL approval authority.
- Item J.** Date CDRL was approved.
- Item 1.** See DoD FAR Supplement Subpart 4.71 for proper numbering.
- Item 2.** Enter title as it appears on data acquisition document cited in Item 4.
- Item 3.** Enter subtitle of data item for further definition of data item (optional entry).
- Item 4.** Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.
- Item 5.** Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).
- Item 6.** Enter technical office responsible for ensuring adequacy of the data item.
- Item 7.** Specify requirement for inspection/acceptance of the data item by the Government.
- Item 8.** Specify requirement for approval of a draft before preparation of the final data item.
- Item 9.** For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoD 5230.r24).
- Item 10.** Specify number of times data items are to be delivered.
- Item 11.** Specify as-of date of data item, when applicable.
- Item 12.** Specify when first submittal is required.
- Item 13.** Specify when subsequent submittals are required, when applicable.
- Item 14.** Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.
- Item 15.** Enter total number of draft/final copies to be delivered.
- Item 16.** Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14; Desired medium for delivery of the data item.

**FOR THE CONTRACTOR**

- Item 17.** Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.
- a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing and administration) but which is required by DD Form 1423.
- Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.
- b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.
- Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.
- c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.
- Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.
- d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.
- Estimated Price - Group IV items should normally be shown on the DD Form 1423 as no cost.
- Item 18.** For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. These estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

## GUIDANCE ON DOCUMENTATION OF CONTRACT REQUIREMENTS LIST (CDRL)

The following information is furnished to provide guidance with respect to the abbreviations and codes utilized in various blocks of DD Form 1423, Contract Data Requirements List.

**Block 1. Sequence Number.** This number is specified by DOD components in accordance with FAR Supplement Subpart 4.71.

**Block 2. Title of Description of Data.** This represents the title or brief description of the data. This title should be identical to the Data Item Description (DID) title with Block 3 being used for further identification, if required.

**Block 3. Subtitle of Data.** If the title requires further identification, a subtitle is entered.

**Block 4. Authority, Data Item Number.** Data item number of the DID which provides the data preparation instructions.

**Block 5. Contract Reference.** The specific paragraph number of the contract procurement request, system specification, or other applicable document which identifies the effort associated with the data item authorized by Block 4 above.

**Block 6. Technical Office.** The office that is responsible for assuring the adequacy of the data item unless this responsibility is delegated elsewhere in the contract or in Block 7 on the DD Form 1423.

**Block 7. DD Form 250 Requirement.** This block designates the location (contractor's facility or destination) for performance of Government inspection and acceptance. The applicable codes for inspection and acceptance are cited below. The Government activity to perform the destination acceptance task is entered in Block 14 as the first addressee.

Code	Inspection	Acceptance
SS	*Source(DD Form 250)	*Source(DD Form 250)
DD	Destination(DD Form 250)	Destination(DD Form 250)
SD	*Source(DD Form 250)	Destination(DD Form 250)
DS	Destination(DD Form 250)	*Source(DD Form 250)
LT	Letter of Transmittal only	
NO	No inspection or acceptance required	
XX	Inspection/acceptance requirements specified elsewhere in the contract.	

\*Source indicates contractor's facility,

**Block 8. Approval Code.** Items of critical data requiring specified advanced written approval, such as test plans, are identified by an "A" in this field. This data requires submission of a preliminary draft prior to publication of the final document. When advanced approval is not required, this field is blank.

**Block 9. Distribution Statement Required.** The code letter corresponding to the distribution statement to be marked on the technical data item by the contractor, in accordance with DoD Directive 5230.24 and the guidance in DoD 5010.12-M.

**Block 10. Frequency.** The codes that appear in this block are cited below:

ANNLY	Annually	ASGEN	As generated*
ASREQ	As required*	BI-MO	Every 2 months
BI-WE	Every 2 weeks	DAILY	Daily
DFDEL	Deferred Delivery	MTHLY	Monthly
ONE/P	One Preliminary	ONE/R	One time with revisions
QRTLY	Quarterly	R/ASR	Revision as required*
SEMIA	Every 6 months	WEKLY	Weekly
XTIME**	Number of time to be submitted (1TIME, 2TIMES, etc.)		

\*Use of these codes requires further explanation in block 16 to provide the contractor with guidance necessary to accurately price the deliverable data item.

\*\*A number must be inserted in place of the "X".

Block 11. As of Date (AOD). When data is submitted only once, this block indicates the number of days the data is to be submitted prior to the end of the reporting period; e.g., "15" would place the AOD for this report as 15 days before the end of each month, quarter, or year depending on the frequency established in Block 10; "0" places the AOD at the end of the month, quarter, or year. Further guidance is shown in Block 13 or 16 as required.

Block 12. Date of First Submission. This block indicates the initial data submission date (Year/Month/Day). When the contract start date has not been established, this block indicates the number of days after the contract start date that the data is due; e.g., 30 days after contract (DAC). Further information, if required is contained in Block 13. "DFDEL" indicates deferred delivery.

Block 13. Date of Subsequent Submission/Event Identification. When data is submitted more than once, the date(s) of subsequent submission(s) is indicated in this block. Example: "Not later than (NLT) 15 days before start of production"; "45 days before first article", etc.

Block 14. Distribution and Addressees. Addressees and number of copies (draft/regular/reproducible) to be forwarded to each addressee as cited in this block. Addressees are indicated by office symbols (i.e., AMSIO-XYZ). A list explaining these symbols and their addressees is attached to the form. When reproducible copies are required, the type of copies required will be cited in this block or Block 16.

NOTE: Unless otherwise cited in Block 10 of DD Form 1664, entries in Blocks 3 through 9 on DD Form 1664, Data Item Descriptions, are for information purposes only and are not contractually binding.

NOTE: It is required that data items be delivered using electronic media. Where possible electronic transmission (e-mail) is the most preferred method. Refer to the Contract Data Requirements List (CDRL), DD Form 1423 for more specific information (i.e., e-mail addresses, etc.)

For narrative kinds of reports, submission of a 3 1/2 inch disk in Rich Text Format (RTF), Microsoft Word or by e-mail is acceptable.

For spreadsheets or database kinds of reports, the acceptable software packages would be Microsoft Office products, i.e., Access or Excel. If these packages are not available, the information could be forwarded using a word processing kind of document saved in a Rich Text Format (RTF).

HAZARDOUS COMPONENT SAFETY DATA STATEMENT			DATE	
1. MATERIAL/COMPONENT/ASSEMBLY Cartridge, 20mm, HPT, M54A1			2. NUMBER 10150	3. REVISION F
4. APPLICABLE SAFETY CLAUSE FAR 20.7102				
SENSITIVITY (Apparatus and Comparison Values)				
5. FRICTION TEST  NA		6. IMPACT TEST  NA		7. ELECTROSTATIC DISCHARGE TEST  NA
HAZARDS				
8. RISK Low		9. AUTO IGNITION TEMP NA	10. FLASH POINT NA	11. DECOMPOSITION PRODUCTS Toxic, Avoid Inhalation and Ingestion
12. FLAMMABLE AND/OR EXPLOSIVE LIMITS a. LOWER PERCENT NA		b. UPPER PERCENT NA	13. EXPLOSION Low	14. EXPLOSIVE TEMPS (Sec) NA
15. HEALTH HAZARD INFORMATION (Toxicity) Not Toxic			17. UNPACKED (In-Process) HAZARD CLASS (Specify Quantities Involved) Class 1.4	
18. SPECIAL REQUIREMENTS (Continuation on plain paper authorized) Ref Dwg: 7258858 and Spec: MIL-C-46635.  Approved Packaging Drawings: (See Attached Sheet)  **Classifications* Tri-Service Coordinated.				
SHIPPING/STORAGE CLASSIFICATION OF ITEM WHEN PACKED IN ACCORDANCE WITH APPROVED PACKING DRAWINGS				
19. DOD HAZARD CLASS/DW 1.4	20. DOD COMPAT GROUP C	21. DOT HAZARD CLASS Class C Explosive		22. DOT CONTAINER MARKING Small Arms Ammunition
23. PREPARED BY (Name, Signature, Organization) R. W. BATSON <i>R. W. Batson</i>			25. SAFETY OFFICE (Name, Signature, Organization) <i>C. Peters</i> C. PETERS	
24. CONCLUDED IN BY (Name, Signature, Organization) R. W. SNOOK <i>R. W. Snook</i>				
<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 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>				

10158  
F  
16 Aug 85

Cartridge, 20mm, HPT, M54A1  
Spec: MIL-C-46635  
HCSDS: 10158  
Dwg: 7258858, Rev-K

Primer, Electric, M52A3B1  
Spec: MIL-P-1394  
HCSDS: 10154  
Dwg: 7548066

-or-  
Propellant, WC 858  
HCSDS: 2083  
Dwg: 9378131

-or-  
Propellant, IMR 7013  
Spec: MIL-P-3984  
HCSDS: 10157  
Dwg: 10534014

Projectile, 20mm, HPT, M54A1  
Dwg: 7258859

SPECIAL REQUIREMENTS (Cont):

1. Classifications\* are for shipment and storage when item is packaged in accordance with packaging drawings or sections of 49 CFR as follows:

DEFINITION: Section 173.100(b)  
PACKAGING: Section 173.101  
MARKING: Section 172 Subpart D and Section 173.101(c) & (f)  
LABELING: Exempt from the label prescribed in Section 172.411.  
Outside of each package to be plainly marked "Small Arms Ammunition".

2. Approved Packaging Drawings:

100 Cartridges: 7259248, 7258928, 7258941

200 Cartridges: 7259249, 7258928, 7258942  
NSN: 1305-00-935-2019\*\*  
DODIC: A892  
UN Ident: 0339

250 Cartridges: 9344280, 7258928, 9344119  
NSN: 1305-01-116-3930  
DODIC: A892  
UN Ident: 0339

3. National Stock Numbers (NSN) (UN Ident: 0339):

<u>NSN</u>	<u>DODIC</u>
1305-00-308-5569**	A892

HAZARDOUS COMPONENT SAFETY DATA STATEMENT (HCSDS)			1 DATE PREPARED (YYMMDD) 93 May 12	REPORT CONTROL NUMBER ARL (AR) 1487
2 MATERIAL/COMPONENT/ASSEMBLY Cartridge, 20mm, Target Practice, M55A2		3 NUMBER 10159		4 REVISION G
5 APPLICABLE FEDERAL ACQUISITION REGULATION PART SAFETY CLAUSE 28-7102				
PART I - SENSITIVITY (Apparatus and Component Values)				
6 FRICTION TEST NA	7 IMPACT TEST NA	8 ELECTROSTATIC DISCHARGE TEST NA		
PART II - HAZARDS				
9 FIRE LOW	10 AUTO IGNITION TEMP NA	11 FLASH POINT NA	12 DECOMPOSITION PRODUCTS Toxic, Avoid Inhalation and Ignition	
13 FLAMMABLE AND/OR EXPLOSIVE LIMITS a. LOWER PERCENT NA		14 EXPLOSION LOW	15 EXPLOSIVE TEMP (5 Sec.) NA	16 DUSTS NA
b. UPPER PERCENT NA			17 HEALTH HAZARD INFORMATION (Toxicity) NOT TOXIC	
18 UNPACKED (In-Process) HAZARD CLASS (Specify Quantities Involved) CLASS 1.4				
19 SPECIAL REQUIREMENTS (If additional space is needed, use plain bond paper) Ref - Dwg: 7258817 and Spec: MIL-C-46552 Approved Packaging Drawings: (See Attached Sheet) ** Classifications Tri-Service Coordinated *** (See Attached Sheet)				
PART III - SHIPPING / STORAGE CLASSIFICATION OF ITEM WHEN PACKED IN ACCORDANCE WITH APPROVED PACKING DRAWINGS				
20 DOD HAZARD CLASS/DIV 1.4	21 DOD STORAGE COMPATIBILITY GROUP C	22 DOT HAZARD CLASSIFICATION 1.4C	23 DOT CONTAINER MARKING ***	
24 PREPARED BY (Signature) a TYPED OR PRINTED NAME D. M. JOHNSON				
b SIGNATURE <i>D. M. Johnson</i>		c ORGANIZATION SAFETY OFFICE, ARDEC		
25 CONCURRED IN BY (Signature) a TYPED OR PRINTED NAME C. R. DEBERS				
b SIGNATURE <i>C. R. Debers</i>		c ORGANIZATION SAFETY OFFICE, ARDEC		
26 SAFETY CHIEF OR AUTHORIZED REPRESENTATIVE a TYPED OR PRINTED NAME C. R. DEBERS, DE				
b SIGNATURE <i>C. R. Debers</i>		c ORGANIZATION SAFETY OFFICE, ARDEC		
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		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. Sheet 1 of 5		

10159  
G  
12 May 93

Cartridge, 20mm, Target  
Practice, M55A2

Spec: MTL-C-46552  
BCSDS: 10159  
DWG: 7258817, Rev-Y

Primer, Electric, M52A3B1

SPEC: MYL-P-1394  
BCSDS: 10154  
Dwg: 7548066

Propellant, WC-872

BCSDS: 1445  
DWG: 9326796

Projectile

DWG: 7258812  
7259126  
9342861  
11075781

10159  
G  
12 May 93

Special Requirements: (Con't)

1. 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 173.32)  
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 : 0339  
DOT Container Marking: Cartridges for Weapons, Inert  
Projectile  
UN: 0339  
MSH: (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): 0.0861  
(.03905)

3. The M55A2 Cartridge is either packed singularly or in multiple packages in combination with other cartridges. National Stock Numbers (NSN) are as follows:

a. Cartridge, 20mm, TP, M55A2

<u>NSN</u>	<u>DODIC</u>	<u>UN IDENT</u>	<u>DOT FILE NO. (EX)</u>
1305-01-010-0258**	A700	0339	8807882
1305-00-756-1675**	A889	0339	8807818
1305-00-935-1944	A889	0339	8812544
1305-00-132-3283	A891	0339	8812377
1305-00-542-0400	A891	0339	8812456
1305-00-542-0405**	A891	0339	8807789
1305-00-699-1382	A891	0339	8804340
1305-00-144-5545**	A894	0339	8807725
1305-00-892-2161**	A894	0339	8807843
1305-00-935-6060**	A894	0339	8807871
1305-00-928-1945	A926	0339	8812545
1305-00-965-0559**	A926	0339	8807877
1305-01-119-8548	A891	0339	8712718
1305-00-752-8114**	A891	0339	8807815
1305-00-180-9268**	A926	0339	8807732
1305-01-116-4560**	A891	0339	8712715

b. Cartridge, 20mm, TP, M55A2 and TP-T, M220

<u>NSN</u>	<u>DODIC</u>	<u>UN IDENT</u>	<u>DOT FILE NO. (EX)</u>
1305-00-182-3254	A667	0339	8810532
1305-00-078-8220**	A654	0339	8807706
1305-00-926-4059**	A656	0339	8807862
1305-00-169-1782	A670	0339	8812391
1305-00-182-3158**	A080	0339	8807737
1305-00-926-9421**	A896	0339	8807865
1305-01-061-2213	A057	0339	8810577
1305-00-169-1784**	A896	0339	8807729

## ACCOUNTABILITY INSTRUCTIONS

M197 Gun  
1005-00-369-9015

1. Transfer of Accountability. 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 Deputy, Commodity  
Business Operations  
Rock Island Site Manager  
ATTN: AMSTA-LC-CIAI  
Rock Island, IL 61299-7630  
Commercial Phone: (309) 782-5291

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 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.

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): B14
- (3)
- (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. 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.