

INCH-POUND

MIL-DTL-48623A (AR)

19 June 2007

SUPERSEDING

MIL-C-48623 (AR)

17 September 1980

DETAIL SPECIFICATION

CARTRIDGE, CALIBER .50, BLANK, M1A1

Inactive for new design after 12 February 1996.

This specification is approved for use by the U.S. Army Armament Research, Development and Engineering Center (ARDEC), and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers the requirements and verification methods for the Cartridge, Blank, Caliber .50, M1A1.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 or 4 of this specification. This section does not include documents in other section of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

Comments, suggestions, or questions on this document should be addressed to: Commander, U.S. Army ARDEC, ATTN: AMSRD-AAR-QES-E, Picatinny, New Jersey 07806-5000 or e-mailed to pica-stdzn@pica.army.mil. Since contact information can change, you may want to verify the currency of this information using ASSIST Online database at <http://assist.daps.dla.mil>.

AMSC N/A

FSC 1305

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2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

DEPARTMENT OF DEFENSE STANDARDS

MIL-STD-636	Visual Standards for Small Arms Ammunition Through Caliber .50
MIL-STD-1168	Ammunition and Ammunition Data Card
MIL-STD-1916	DOD Preferred Methods of Acceptance of Product

(Copies of these documents are available online at <http://assist.daps.dla.mil/quicksearch/> or <http://assist.daps.dla.mil> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.2.2 Other Government documents, drawings, and publications. The following other Government documents, drawings, and publications, form a part of this document, to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation or contract.

U.S. ARMY ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER (ARDEC) DRAWINGS

10534010	Vacuum Lead Tester
7643674	Classification of Cartridge Case Defects
9326760	Cartridge, Caliber .50, Blank, M1A1

(Copies of these drawings are available from US Army ARDEC, AMSRD-AAR-AIS-TD, Picatinny, NJ 07806-5000, or email Drawing-Request@pica.army.mil)

U.S. ARMY ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER (ARDEC) PUBLICATIONS

SCATP-7.62mm	Ammunition Ballistic Acceptance Test Methods, Test Procedures for 7.62 mm Cartridges
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(Application for copies should be addressed to Quality Engineering and System Assurance, U.S. Army, ARDEC, Picatinny, NJ 07806-5000, ATTN: AMSRD-AAR-QEM-D or email QESA-QEM-D@pica.army.mil)

US ARMY DEVELOPMENTAL TEST COMMAND

TEST OPERATING PROCEDURES

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TOP 1-2-608 - Sound Level Measurements

(Copies of these documents may be ordered from the US Army Developmental Test Command, ATTN: Publications, 314 Longs Corner Road, Aberdeen Proving Ground, MD 21005-5005, or online at <http://www.dtc.army.mil/publications/topsindex.aspx>.)

2.4 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 First article. When specified (see 6.2), a sample of the M1A1 cartridges shall be subjected to first article inspection in accordance with 4.3.

3.2 Conformance inspection. A sample of the M1A1 cartridges shall be subjected to conformance inspection in accordance with 4.4.

3.3 Cartridge. The cartridge shall comply with all requirements specified on Dwg 9326760.

3.4 Material. Materials shall be in accordance with all requirements specified on Dwg 9326760.

3.5 Residual stress. The blank cartridge case shall not split when subjected to a one percent mercurous nitrate solution for fifteen (15) minutes.

3.6 Screen perforation. The blank cartridge, when fired from a M2-HB (Heavy Barrel) machine gun, shall not cause perforations of 0.1 inch or greater in diameter in paper screen placed in the line of fire at a distance of 15 feet from the muzzle of the weapon.

3.7 Muzzle flash. The flash produced at the muzzle of a M2 HB machine gun shall be visible 100 yards from the weapon under conditions of darkness.

3.8 Fouling. The fouling produced by firing 500 blank cartridges shall not cause a change in the cycle rate shall not exceed fifteen (15) percent from the first to the last burst from a M2 HB Machine gun.

3.9 Waterproof. The blank cartridge shall not release more than one bubble of air when subjected to a pressure of 12.7 pounds per square inch (psi) and held at that pressure for 15 seconds.

3.10 Function and casualty. The blank cartridge shall function in the M2 HB machine gun without casualty at 0° to 125° Fahrenheit.

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3.11 Cycle rate. The blank cartridge shall operate in a M2 HB machine gun at an average cycle rate of not less than 450 cartridges per minute, or more than 600 cartridges per minute at 0° to + 125° F.

3.12 Noise level. Noise level produced by the M1A1 Blank shall fall between 146 and 160 dB.

3.13 Workmanship. The metal parts of the cartridge shall be free of cracks, splits, perforations, burrs and foreign matter. The cleaning method used shall not be injurious to any parts, nor shall the parts be contaminated by any cleaning agent.

3.14 Ammunition lot numbering. Ammunition lot numbers shall be in accordance with MIL-STD-1168.

3.15 Mixed Ammunition. There shall be no other type of ammunition in the lot other than M1A1 Blank ammunition.

4. VERIFICATION

Table I. Requirements/verification cross-reference matrix

Section 3 Requirement		METHOD OF VERIFICATION						CLASSES OF VERIFICATION
		1- Analysis 2 - Demonstration 3 - Examination 4 - Test						A - First article B - Conformance
		Verification Methods				Verification Class		Section 4 Verification Procedures
		1	2	3	4	A	B	
3.1	First Article			X	X	X		4.3, Table II
3.2	Conformance			X	X		X	4.4, Table III, Table IV, Table V
3.3	Cartridge				X	X	X	Table, II, Table III, Table IV, Table V
3.4	Material				X	X	X	4.4, Table II, Table IV
3.5	Residual Stress				X	X	X	4.5.1
3.6	Screen Perforation				X	X	X	4.5.2
3.7	Muzzle Flash				X	X	X	4.5.3
3.8	Fouling				X	X	X	4.5.4
3.9	Waterproof				X	X	X	4.5.8
3.10	Function & Casualty				X	X	X	4.5.5
3.11	Cyclic Rate				X	X	X	4.5.6
3.12	Noise Level				X	X	X	4.5.7
3.13	Workmanship			X		X	X	4.5.9, Table IV
3.14	Ammo Lot Number			X		X	X	4.5.10
3.15	Mixed Ammunition			X		X	X	4.5.11

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4.1 Classifications of inspections. The inspection requirements specified herein are classified as follows:

- a. First article inspection (see 4.3)
- b. Conformance inspection (see 4.4)

4.2 Inspection conditions. Unless otherwise specified, all inspection shall be performed in accordance with the test conditions specified in 4.5.

4.3 First article. When specified, a sample of the M1A1 cartridges shall be subjected to first article verification in accordance with Table II and Table V.

4.3.1 First article quantity. The first article sample shall consist of 3,140 rounds of the Ctg, Cal .50, Blank, M1A1, Dwg 9326760.

4.3.2 First article rejection. If any assembly, component or test specimen fails to comply with any of the applicable requirements, the first article sample shall be rejected (see 6.12).

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Table II. First article tests and inspection

EXAMINATION OR TEST	CONFORMANCE CRITERIA			REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
	QTY	Ac	Re		
Examination for Defects <u>1/</u> Ctg, Cal .50, Blank, M1A1 (Dwg 9326760)					
Major <u>3/</u>	256	1	2	3.3, 3.13	Table IV
Minor <u>3/</u>	64	5	6	3.3, 3.13	Table IV
Function and casualty					
a. Ambient	300	TableV		3.10	4.5.5
b. 0 °F	300	TableV		3.10	4.5.5
c. +125 °F	300	TableV		3.10	4.5.5
Residual stress cycle rate	50	0	1	3.5	4.5.1
Cyclic rate <u>2/</u> (Ambient, 0 °F, +125 °F)	900	0	1	3.11	4.5.6
Waterproof	20	3	4	3.9	4.5.8
Screen perforation <u>2/</u>	200	1	2	3.6	4.5.2
Muzzle flash	20	0	1	3.7	4.5.3
Fouling <u>2/</u> (Ambient)	500	0	1	3.8	4.5.4
Noise level <u>2/</u> (Ambient)	100	0	1	3.12	4.5.7

Notes:

1/. To be inspected for all drawing requirements using standard measuring and test equipment (except for workmanship which is inspected for visually).

2/. These tests to be performed concurrently with the function and casualty test. (For fouling tests, an additional 200 rounds must be fired at ambient temperature without cleaning through the M2 machine gun giving a total of 500 rounds fired through the gun.

3/. A random sample of 256 cartridges for major defects shall be selected from the 3140 cartridges. The first 64 shall be inspected for major and minor defects and the rest shall be inspected for major defects.

4.4 Conformance inspection.

4.4.1 Inspection lot formation Lot formation shall be verified with MIL-STD-1916. Unless otherwise specified, component parts shall be homogenous and of a size convenient and inspected, tested and accepted. The cartridge lot shall contain:

- a. Cartridges cases from one unchanged process and from one manufacturer.
- b. Primers from one lot interfix number and one manufacturer.
- c. Propellant from no more than two lot numbers and from one manufacturer

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4.4.2 Classification of characteristics.

a. Sampling requirements. Inspection sampling requirements for critical, major and minor characteristics are defined in MIL-STD-1916. Unless specified otherwise, Inspection Level IV shall be used for all characteristics defined as Majors and Inspection Level II for all Minor characteristics; Critical characteristics shall be addressed in accordance with MIL-STD-1916.

b. Conformance inspection. Conformance inspection shall be performed in accordance with Table III, Table IV, and Table V. For all conformance inspections the same sample specimen may be used for all non-destructive examinations or tests.

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Table III. Conformance tests

CARTRIDGE, CALIBER .50, BLANK, M1A1					DRAWING NUMBER	
					9326760	
CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA			REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
		QTY	Ac	Re		
<u>Critical</u>	None defined					
<u>Major</u>						
101	Function and casualty <u>5/</u> , <u>6/</u>					
	a. Ambient	300	TableV	3.10	4.5.5	
	b. 0 °F	300	TableV	3.10	4.5.5	
	c. +125 °F	300	TableV	3.10	4.5.5	
102	Residual stress	50	<u>3/</u>	3.5	4.5.1	
103	Cyclic rate	<u>1/</u>	<u>4/</u>	3.11	4.5.6	
104	Waterproof	20	<u>2/</u>	3.9	4.5.8	
105	Screen perforation	50	<u>3/</u>	3.6	4.5.2	
<u>Minor</u>	None defined					

Notes:

1/. These tests to be performed concurrently with the function and casualty test.

2/ Failure of nine or more cartridges to comply with the applicable requirement shall be cause for rejection of lot. If more than four, but less than nine cartridges fail in the first test, a second sample consisting of double the number of cartridges in the first sample shall be tested. The lot shall be rejected if, in the combined first and second sample, nine or more cartridges fail to comply with the applicable requirements.

3/ Failure of two or more cartridges to comply with the applicable requirement shall be cause for the rejection of the lot. If one cartridge fails in the first test, a second sample consisting of double the number of cartridges in the first sample shall be tested. If any failing cartridges are found in the second sample, the lot shall be rejected.

4/ The cycle rate shall be determined during the firing of the function and casualty test. Failure of any burst to comply with the applicable requirement shall be cause for rejection of the lot subject to the testing of a second sample consisting of double the number of cartridges in the first sample. Failure of any burst in the second sample to comply with the applicable requirement shall be cause for rejection of the lot. The second sample shall be fired in the type of weapon in which the failure occurred.

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Table III. Conformance tests - Continued

CARTRIDGE, CALIBER .50, BLANK, M1A1				DRAWING NUMBER 9326760	
EXAMINATION OR TEST	CONFORMANCE CRITERIA			REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
	QTY	Ac	Re		
<p>Notes:</p> <p><u>5/</u> The lot shall be rejected when function and casualty defects plus firing defects observed in all other firing tests exceed the acceptance number for the cumulative sample in Table III. If the number of defects found in the first test exceeds the acceptance number for the first sample but is equal to or less than the acceptance number for the cumulative sample, a second sample consisting of double the quantity specified under function and casualty test shall be fired in the service weapon specified therefore. This procedure shall apply regardless of the weapon or weapons in which the firing defects occurred in the first test. If the total number of defects in the combined first and second sample exceeds the acceptance number for the cumulative sample, the lot shall be rejected. If, in testing a second sample, defects other than those for which the second sample is being tested should occur to the extent that they exceed the acceptance number for the cumulative sample, the lot shall be rejected.</p> <p><u>6/</u> Cartridges shall be conditioned at the specified temperatures for a minimum of four hours after test temperatures of item has been reached.</p>					

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Table IV. Conformance inspections

CARTRIDGE, CALIBER .50, BLANK, M1A1				DRAWING NUMBER 9326760
CLASSIFICATION	EXAMINATION OR TEST <u>1/</u>	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
<u>Critical</u>	None defined			
<u>Major</u>				
101	No primer <u>1/</u>		3.3	Visual
102	Cocked primer <u>1/</u>		3.3	Visual
103	Inverted primer <u>1/</u>		3.3	Visual
104	Loose primer <u>1/</u>		3.3	Visual
105	Dropped primer <u>1/</u>		3.3	Visual
106	Depth of primer, incorrect		3.3	Gage
107	Overall Length, incorrect		3.3	Gage
108	Split case <u>1/</u>		3.3	Visual
109	Perforated case <u>1/</u>		3.3	Visual
110	Diameter extractor groove, incorrect		3.3	Gage
111	Thickness heat, incorrect		3.3	Gage
112	Primer crimp, defective <u>1/</u>		3.3	Visual
113	Mouth (rosette) crimp, defective or missing		3.3	Visual
114	Length of shoulder, incorrect		3.3	Gage
115	Profile & alignment, incorrect <u>2/</u>		3.3	Gage
116	Overall weight, incorrect		3.3	Gage
117	Mouth waterproof lacquer, improper or missing		3.3	Visual
118	Propellant weight, incorrect		3.3	Gage
<u>Minor</u>				
201	Discolored, Dirty, oily, or smeared (waterproofing) <u>1/</u>		3.3	Visual
202	Corroded or Stained, if etched <u>1/</u>		3.3	Visual
203	Dented case <u>1/</u>		3.3	Visual
204	Draw scratch in case <u>1/</u>		3.3	Visual
205	No chamfer on head <u>1/</u>		3.3	Visual
206	Fold <u>1/</u>		3.3	Visual
207	Illegible or missing head stamp <u>1/</u>		3.3	Visual
208	Defective head <u>1/</u>		3.2	Visual

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Table IV. Conformance inspections - Continued

CARTRIDGE, CALIBER .50, BLANK, M1A1		DRAWING NUMBER 9326760		
CLASSIFICATION	EXAMINATION OR TEST <u>1/</u>	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
209	Nicked or dented primer <u>1/</u>		3.3	Visual
210	Workmanship <u>3/</u>		3.2	Visual

Notes:

1/. Refer to MIL-STD-636 for visual defects. While no photographs of blank cartridges are included in this Standard, the cartridge case defects and primer defects illustrated in the caliber .50 section can be used. In the event of conflict between paragraphs of this specification and MIL-STD-636 as to defect classification the classification specified by specification shall apply.

2/ Cartridge profile failure (requiring more than 80 lbs dead weight to insert in profile and alignment gage)

3/ Defects other than those listed in MIL-STD-636 (Caliber .50 Section).

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Table V. Function and casualty firing defect criteria

CARTRIDGE, CALIBER .50, BLANK, M1A1					DRAWING NUMBER 9326760
Defect Description	Criteria <u>1</u> /				Classification
	First Article		Lot Acceptance		
	Acc	Rej	First Sample	Cumulative Sample	
Misfire	0	1	1	2	Major
Primer leak:					
a. Escape of gas through primer cup other than 3d	5	6	6	13	Minor
b. Blown primer on retraction of bolt (Primer separates from casehead and primer pocket is grossly distorted)	0	1	0	1	Minor
c. Dropped primer on retraction of bolt (Primer falls out of pocket upon retraction of bolt)	0	1	0	1	Minor
d. Perforation in firing pin indent in primer cup, machine guns	17	18	18	45	Major
e. Escape of gas around primer cup more than 50% of periphery	11	12	12	25	Major
Case casualties <u>3/ 4</u> /					
a. Longitudinal split					
(1) Upper body (J)	6	7	7	15	Major
(2) Body (K) extending to case base	0	1	1	2	Major
(3) To head (L)	0	1	0	1	Major
(4) Through head (M)	0	1	0	1	Major
(5) Neck or shoulder (I or S)	26	27	27	65	Major
b. Circumferential rupture					
(1) Partial – neck, shoulder, or body (S, J, or K)	1	2	2	4	Major
(2) Partial, head (L)	0	1	0	1	Major
(3) Complete	0	1	0	1	Major
Weapon stoppage attributable to Ammunition <u>2</u> /	0	1	0	1	Major

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Table V. Function and casualty firing defect criteria - Continued

CARTRIDGE, CALIBER .50, BLANK, M1A1					DRAWING NUMBER 7553097
Defect Description	Criteria <u>1/</u>				Classificatio n
	First Article		Lot Acceptance		
	Acc	Rej	First Sample	Cumulative Sample	
<p>Notes:</p> <p><u>1/</u>. No second sample permitted. Lot shall be rejected.</p> <p><u>2/</u>. All stoppages attributable to the ammunition, with the exception of misfire, complete rupture or failure to extract, observed in all tests shall be included.</p> <p><u>3/</u> Failure of any burst to comply with the applicable requirement shall be cause for rejection of the lot subject to the testing of a second sample consisting of double the number of cartridges in the first sample. Failure of any burst in the second sample to comply with the applicable requirement shall be cause for rejection of the lot. The second sample, if required, shall only be fired in the weapon type in which the failure occurred.</p> <p><u>4/</u> For location of defects indicated by letter in parentheses, see Dwg 7643674.</p>					

4.5 Methods of verification.

4.5.1 Residual stress (mercurous nitrate). The test shall be conducted in accordance with SCATP-7.62mm Chapter 2, Mercurous Nitrate Test Procedure.

4.5.2 Screen perforation. The test shall be conducted in accordance with SCATP-7.62mm Chapter 2, Screen Perforation Test.

4.5.3 Muzzle flash. The test shall be conducted in accordance with SCATP-7.62mm Chapter 2, Flash Test.

4.5.4 Fouling. The test shall be conducted in accordance with SCATP-7.62mm Chapter 2, Fouling Test.

4.5.5 Function and casualty. In these firings, the weapons shall be at room temperature at the beginning of the test, and the machine guns shall be cooled between bursts. The function and casualty test shall be conducted in accordance with SCATP-7.62mm Chapter 2, Function and Casualty Test. The number of cartridges to be fired shall be as specified below. Observation for compliance with Table V, as applicable, shall be made. Cyclic rate of each weapon shall be observed.

The test shall be conducted as indicated below:

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- a. Gun, Machine, Cal .50, Browning, M2, Heavy Barrel (Turret type) – Fire in bursts of 100 cartridges.
- b. Gun, Machine, Cal .50, Browning, M2, Heavy Barrel (Flexible) – Fire in bursts of 100 cartridges

	<u>AMBIENT</u>	<u>0°F ± 2°F</u>	<u>125°F ± 2°F</u>
No. of Cartridges	300	300	300

NOTE: Cartridges for high and low temperature tests shall be conditioned at specified temperatures for a minimum of four hours and fired at that temperature.

4.5.6 Cycle rate. The test shall be conducted in accordance with SCATP-7.62mm Chapter 2, Function and Casualty Test.

4.5.7 Noise level. The Noise test will be conducted in accordance SCATP-7.62mm Chapter 2, Noise Level Test. Testing will be conducted in an area free of any sound-reflecting surfaces within 15 meters. Fire ten, ten round bursts of test cartridges placing the microphone of the noise level meter approximately .5 meters directly behind the weapon. For each round, an average from all ten round bursts averages will be observed for analysis. Sound measurements ITOP 1-2-608 shall be used.

4.5.8 Waterproof. The cartridges shall be submerged in water in accordance with SCATP-7.62mm Chapter 1, Waterproof Test. The number of bubbles liberated from the mouth of primer of each cartridge shall be observed. Vacuum Lead Tester Dwg. 10534010 shall be used.

4.5.9 Workmanship. Visually verify that all parts and assemblies meet requirements of paragraph 3.13.

4.5.10 Ammunition lot numbering. Visually verify that an ammunition lot number has been applied to each lot as described in MIL-STD-1168.

4.5.11 Mixed Ammunition. Immediately prior to the packaging operation, 100 percent examination of the cartridges shall be performed to ascertain that the cartridge type conforms to the drawing. Occurrence of a high pressure test, dummy, grenade trace or overhead fire trace cartridges shall be classed as a critical defect. Occurrence of any other incorrect type shall be classed a major defect. All non-conforming cartridges shall be rejected.

5. PACKAGING

5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When packaging of materiel is to be performed by DOD or in-house contractor personnel, these personnel need to contact the

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responsible packaging activity to ascertain packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activities within the Military Service or Defense Agency, or within the military service's system commands. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity

6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use. The cartridges covered by this specification are intended for use in Caliber .50 weapons. The M1A1 is a military unique cartridge.

6.2 Acquisition requirements. Acquisition documents must specify the following:

- a. Title, number and date of this specification.
- b. Type and level of packing for the cartridges.
- c. Provisions for the submission of Inspection Equipment Designs (see 6.3).
- d. Provisions for the submission of acceptance inspection reports containing final inspection results for each lot of ammunition presented to the Government (see 6.4).
- e. Requirements for submission of first article sample (see 3.1).
- f. Applicable national stock number.
- g. Packaging requirements. See section 5.1 and applicable contract requirements. Packaging can be done in accordance with reference packaging drawing 12576456.

6.3 Submission of inspection equipment designs for approval. (See MIL-A-48078). Submit inspection equipment designs as required to Commander, ARDEC, ATTN: AMSMC-QEM-D, Picatinny Arsenal, NJ 07806-5001.

6.4 Submission of test data. In addition to the normal distribution of records, when the cartridge is procured by the US ARDEC, one (1) copy of all ballistic data and the ammunition data card for each lot should be forwarded to: Commander, ARDEC, ATTN: AMSMC-QEM-D, Picatinny Arsenal, NJ 07806-5001.

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6.5 Hazard notice. The cartridge described herein and some of its components are flammable and explosive and consequently present hazards in manufacture, handling, storage and shipment. The contractor should recognize these hazards and take appropriate measures to prevent fire, explosion, adverse environment, rough handling, corrosive atmosphere, and electrically induced incidents. Such measures should include the employment of an effective safety program that addresses the inherent hazards associated with the cartridge.

6.6 Drawings. Drawings listed in Section 2 of this specification under the heading US Army Armament Research, Development, and Engineering Center (ARDEC) may also include drawings prepared by, and identified as Edgewood Arsenal, Frankford Arsenal, Rock Island Arsenal, US Army Armament Research, Development, and Engineering Command (ARRADEC) or Picatinny Arsenal drawings. Technical data originally prepared by these activities is now under the cognizance of ARDEC.

6.8 Submission of alternative conformance provisions. All contractor proposed alternative conformance provisions will be submitted to the Government for evaluation/approval as directed by the contracting activity.

6.9 Contractor acceptance inspection equipment (AIE). Provision concerning the contractor's AIE used to verify the requirements of this specification should be specified in the contract.

6.10 Ammunition lot numbers. Ammunition lot numbers requires ammunition data cards in accordance with MIL-STD-1168B.

6.11 Classification of characteristics. For examinations and tests cited herein or when required by contract; critical, major, and minor characteristics are defined in Section 3 of MIL-STD-1916.

6.12 First article rejection. The Government reserves the right to terminate inspection upon any failure of an assembly, component or test specimen to comply with any of the requirements.

6.13 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

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6.14 Key word listing.

M2 Browning Machine Gun
Munitions
Small Arms Ammunition
Blank

Preparing activity:
Army-AR

(Project 1305-2007-007)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>