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MIL-K-70994 (AR)
2 June 1992

MILITARY SPECIFICATION

KIT, REPAIR FOR TILE, ARMOR M3, M5, M6 AND M7 FOR THE M2A2/M3A2 BRADLEY FIGHTING VEHICLE SYSTEMS (BFVS)

This specification is approved for use by the U. S. Army Armament, Munitions and Chemical Command, and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers quality assurance provisions and preparation for delivery for kits, repair for Tile, Armor, M3, M5, M6 and M7 for the M2A2/M3A2 BFVS.

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 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 shall be those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

SPECIFICATIONS

MILITARY

MIL-A-48078 - Ammunition, Standard Quality Provisions, General Specification for

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document, should be addressed to: Commander U.S. Army ARDEC, ATTN: SMCAR-BAC-S, Picatinny Arsenal, New Jersey 07806-5000 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A FSC 2350

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STANDARDS

MILITARY

MIL-STD-109	- Quality Assurance Terms and Definitions
MIL-STD-130	- Identification Marking of U.S. Military Property
MIL-STD-1168	- Ammunition Lot Numbering
MIL-STD-1949	- Inspection, Magnetic Particle
MIL-STD-2219	- Fusion Welding for Aerospace Applications
MIL-STD-6866	- Inspection, Liquid Penetrant
MIL-STD-45662	- Calibration System Requirements

(Unless otherwise indicated copies of federal and military specifications, standards and handbooks are available from the Standardization Documents Order Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

2.1.2 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 shall be those in effect on the date of the solicitation.

DRAWINGS (see 6.6)

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

PRODUCT AND PACKING DRAWINGS

12902730	- Kit, Repair for Tile, Armor, M3
12902731	- Kit, Repair for Tile, Armor, M5
12902732	- Kit, Repair for Tile, Armor, M6/M7
12902852	- Box, Paperboard, Set-up
12902854	- Box, Wood
12902855	- Packing and Marking for kit, Repair, for Tile, Armor, M3
12902856	- Box, Paperboard, Set-up
12902858	- Box, Fiberboard
12902860	- Box, Wood
12902861	- Packing and Marking for kit, Repair for Tile, Armor, M5
12902862	- Box, Paperboard, Set-up
12902863	- Packing and Marking for kit, Repair for Tile, Armor, M6/M7
12910168	- Spacer

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(Copies of other Government documents drawings and publications required by manufacturers in connection with specified acquisition functions should be obtained from the contracting activity or as directed by the contracting activity).

2.2 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 shall take precedence. Nothing in this document, however, shall supersede applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 Materials. Materials shall be in accordance with the applicable drawings and specifications.

3.2 Parts. The parts shall comply with all requirements specified on the specified drawings (dwgs) and with all associated drawings and with all requirements specified in applicable specifications.

3.3 Identification and marking. Identification and marking shall be in accordance with Standard MIL-STD-130 and as specified on applicable drawings.

3.4 Workmanship. All plastic parts shall be fabricated from virgin resins in a thorough workmanlike manner. They shall be free of porosity, twist, warpage, heat marks, sinks, voids, cracks, chipped edges, burrs, bubbles, blisters, burn marks or other defects that would effect their serviceability. All metal parts shall be fabricated in a thorough workmanlike manner. They shall be free of burrs, chips, chipped edges, gouges, cracks, splits, surface defects, dirt, grease, oil, lacquer smears, and other foreign matter. The cleaning methods used shall not be injurious to any part, nor shall the parts be contaminated by the cleaning agent. All assemblies shall be assembled in a thorough workmanlike manner.

3.5 Welds. Welds shall be performed in accordance with specification MIL-STD-2219 by qualified operators and operations.

3.5.1 Weld inspection. Welds shall be inspected for discontinuities, porosity, and cracks in accordance with specifications MIL-STD-6866 or MIL-STD-1949 as applicable.

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4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements (examinations and tests) as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to ensure that supplies and services conform to prescribed requirements.

4.1.1 Responsibility for compliance. All items shall meet all requirements of sections 3 and 5. The inspections set forth in this specification shall be come a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in the specification shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling inspection, as part of manufacturing operations, is an acceptable practice to ascertain conformance to requirements, however, this does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to accept defective material.

4.1.2 General provisions. The requirements of MIL-A-48078 form a part of the quality assurance provisions of this specification. Reference shall be made to MIL-STD-109 to define quality assurance terms used herein.

4.2 Classification of inspections. The inspection requirements specified herein are classified as follows:

a. First Article Inspection (See 4.3).
b. Quality Conformance Inspection (See 4.4).

4.3 First article inspection.

4.3.1 Submission. The contractor shall submit a first article sample as designated by the Contracting Officer for evaluation in accordance with Table I. The first article sample shall be of the same design as will be suitable for regular production. It shall be manufactured using the same materials, equipment, process and procedures for regular production. First article samples shall not

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be specifically selected as custom or marked in a way that cause the product quality to be different than what can be expected from regular production.

4.3.2 Inspection to be performed. See MIL-A-48078 and Table I.

4.3.3 Rejection. Failure of the first article sample to be in accordance with the applicable drawings, requirements and Table I will result in disapproval of the first article sample.

Table I. First article inspection

CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH	TITLE	SHEET 1 OF 2	DRAWING NUMBER See Below
	Kit, Repair for Armor Tiles, M3, M5 M6, and M7 for M2A2/M3A2 BFVS		NEXT HIGHER ASSEMBLY

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
	Bar, Mounting Dwg. 12556222	4	3.2	4.4.2.1
	Spacer Dwg. 12910168	4	3.2	4.4.2.2
	Clip Dwg. 12556221	4	3.2	4.4.2.3
	Bracket, Mounting Dwg. 12556299	4	3.2	4.4.2.4
	Bracket, Mounting Dwg. 12576336	4	3.2	4.4.2.5
	Nut, Special Dwg. 12576344	4	3.2	4.4.2.6
	Washer, Special Dwg. 12576345	4	3.2	4.4.2.7

NOTES:

AMSMC Form 1570b, 1 Jul 89 Replaces 1570, 1 Feb 85, which may not be used.

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Table I. First article inspection

CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH	TITLE	SHEET 2 OF 2	DRAWING NUMBER See Below
	Kit, Repair for Armor Tiles, M3, M5 M6, and M7 for M2A2/M3A2 BFVS		NEXT HIGHER ASSEMBLY

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
	Screw, Mounting Dwg. 12576359	4	3.2	4.4.2.8
	Screw, Special, Tile Hold-down Dwg. 12576360	4	3.2	4.4.2.9

NOTES:

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4.4 Quality conformance inspection.

4.4.1 Lot formation. In accordance with MIL-A-48078.

4.4.1.1 Lot identification. Each lot of repair kits shall be identified in accordance with MIL-STD-1168.

4.4.2 Examinations and tests.

a. Classification of characteristics. Quality conformance examinations and tests are specified in the following Classification of Characteristics paragraphs. The contractor's quality program or detailed inspection system shall provide assurance of compliance of all characteristics with the applicable drawing and specification requirements utilizing as a minimum the conformance criteria specified. When specified herein, attributes sampling inspection shall be conducted in accordance with Table II below, using the inspection levels stated in the Classification of Characteristics paragraphs.

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TABLE II. Attributes sampling inspection

	Inspection Levels					
Lot Size	I	II	III	IV	V	VI
2 to 8	*	*	*	*	5	3
9 to 15	*	*	*	13	5	3
16 to 25	*	*	*	13	5	3
26 to 50	*	*	32	13	5	3
51 to 90	*	*	32	13	13	5
91 to 150	*	125	32	13	13	5
151 to 280	*	125	32	32	20	8
281 to 500	*	125	32	32	20	8
501 to 1200	*	125	80	50	20	13
1201 to 3200	1250	125	80	50	32	13
3201 to 10000	1250	125	125	50	32	13
10001 to 35000	1250	315	125	80	50	13

Numbers under inspection levels indicate sample size; asterisks (*) indicate one hundred percent inspection. If sample size exceeds lot size, perform one hundred percent inspection. Accept on zero and reject on one or more for all inspection levels.

b. Alternative quality conformance provisions. Unless otherwise specified herein or provided for in the contract, alternative quality conformance procedures, methods, or equipment, such as statistical process control, tool control, other types of sampling procedures, etc., may be used by the contractor when they provide, as a minimum, the level of quality assurance required by the provisions specified herein. Prior to applying such alternative procedures, methods, or equipment, the contractor shall describe them in a written proposal submitted to the Government for evaluation (see 6.7). When required, the contractor shall demonstrate that the effectiveness of each proposed alternative is equal to or better than the specified quality assurance provisions(s) herein. In cases of dispute as to whether the contractor's proposed alternative(s) provides equivalent assurance, the provisions of this specification shall apply. All approved alternative provisions shall be specifically incorporated into the contractor's quality program or inspection system, as applicable.

QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF CHARACTERISTICS

MIL-K-70994

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER 12556222
4.4.2.1	Bar, Mounting		NEXT HIGHER ASSEMBLY BFVS M2A2/M3A2

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Total length	V	3.2	Gage
102	Location of holes (3 places)	V	3.2	Gage
103	Diameter of holes (3 places)	V	3.2	Gage
104	Material thickness	V	3.2	Gage
105	Width of bar	V	3.2	Gage
106	Profile	V	3.2	Gage
107	Distance between holes (3 places)	V	3.2	Gage
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual
202	Protective finish incomplete or inadequate	VI	3.2	Visual

NOTES:

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CLASSIFICATION OF CHARACTERISTICS

MIL-K-70994 (AR)

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER
4.4.2.2	Spacer		12910168
			NEXT HIGHER ASSEMBLY 12902730

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Inside diameter	V	3.2	Gage
102	Outside diameter	V	3.2	Gage
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual

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CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER
4.4.2.3	Clip		12556221
			NEXT HIGHER ASSEMBLY: BFVS M2A2/M3A2

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Diameter of hole, MIN (2 places)	V	3.2	Gage
102	True position of hole (2 places)	V	3.2	Gage
103	Distance between flange, MIN	V	3.2	Gage
104	Weld incomplete or inadequate	V	3.5	Visual
Minor				
201	Total length	VI	3.2	Gage
202	Total width	VI	3.2	Gage
203	Evidence of poor workmanship	VI	3.4	Visual

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CLASSIFICATION OF CHARACTERISTICS

MIL-K-70994 (AR)

PARAGRAPH	TITLE		DRAWING NUMBER
4.4.2.4	Bracket, Mounting	SHEET 1 OF 1	12556299
			NEXT HIGHER ASSEMBLY
			BFVS M2A2/M3A2

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Total length	V	3.2	Gage
102	True position of mounting hole (3 places)	V	3.2	Gage
103	Thickness of material	V	3.2	Gage
104	Profile of mounting hole (3 places)	V	3.2	Gage
105	Outside width	V	3.2	Gage
106	Outside length	V	3.2	Gage
107	Height of tab (after bending)	V	3.2	Gage
108	Weld incomplete or inadequate	V	3.5	Visual
109	Component loose or missing	V	3.2	Visual
Minor				
201	Protective finish incomplete or inadequate	VI	3.2	Visual
202	Evidence of poor workmanship	VI	3.4	Visual
203	Incorrect marking	VI	3.3	Visual

NOTES:

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CLASSIFICATION OF CHARACTERISTICS

MIL-K-70994 (AR)

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER
4.4.2.5	Bracket, Mounting		12576336
			NEXT HIGHER ASSEMBLY
			M2/M3A2 BFVS

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Position of hole (2 places) prior to assembly of special nut	V	3.2	Gage
102	Diameter of hole, max. (2 places)	V	3.2	Gage
103	Material thickness of tab, min	V	3.2	Gage
104	Height of tab	V	3.2	Gage
105	Position of hole at narrow (closed) end	V	3.2	Gage
106	Diameter of hole at narrow (closed) end	V	3.2	Gage
107	Radius between closed end and open end improper	V	3.2	Gage
108	Total length	V	3.2	Gage
109	Total width	V	3.2	Gage
110	Width across tab toward open end	V	3.2	Gage
111	Weld incomplete or missing	V	3.5	Visual
Minor				
201	Protective finish incomplete or inadequate	VI	3.2	Visual
202	Evidence of poor workmanship	VI	3.4	Visual

NOTES:

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CLASSIFICATION OF CHARACTERISTICS

MIL-K-70994 (AR)

PARAGRAPH	TITLE		DRAWING NUMBER
4.4.2.6	Nut, Special	SHEET 1 OF 1	12576344
			NEXT HIGHER ASSEMBLY 12576336

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Pitch diameter of thread	V	3.2	Gage
102	Minor diameter of thread	V	3.2	Gage
103	Small outside diameter, max.	V	3.2	Gage
104	Length of small outside diameter, max.	V	3.2	Gage
105	Position of thread with outside dia.	V	3.2	Gage
106	Incomplete thread	V	3.2	Visual
Minor				
201	Protective finish incomplete or inadequate	VI	3.2	Visual
202	Evidence of poor workmanship	VI	3.4	Visual

NOTES:

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CLASSIFICATION OF CHARACTERISTICS

MIL-K-70994 (AR)

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER
4.4.2.7	Washer, Special		12576345
			NEXT HIGHER ASSEMBLY
			BFVS M2A2/M3A2

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Diameter of thru hole, min.	V	3.2	Gage
102	Diameter of countersink, min.	V	3.2	Gage
103	Position of small diameter	V	3.2	Gage
104	Radius improper	V	3.2	Gage
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual
202	Protective finish incomplete or inadequate	VI	3.2	Visual

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MIL-K-70994 (AR)

PARAGRAPH	TITLE		DRAWING NUMBER
4.4.2.8	Screw, Mounting	SHEET 1 OF 1	12576359
			NEXT HIGHER ASSEMBLY: BFVS M2A2/M3A2

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Pitch diameter of thread	V	3.2	Gage
102	Minor diameter of thread	V	3.2	Gage
103	Length of perfect thread	V	3.2	Gage
104	Thread damaged	V	3.2	Visual
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual
202	Protective finish incomplete or inadequate	VI	3.2	Visual

NOTES:

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CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER
4.4.2.9	Screw, Special, Tile Hold-down		12576360
			NEXT HIGHER ASSEMBLY
			12576361

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Pitch diameter of thread	V	3.2	Gage
102	Minor diameter of thread	V	3.2	Gage
103	Self locking feature	V	3.2	Visual
104	Length of thread, min.	V	3.2	Gage
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual
202	Protective finish incomplete or inadequate	VI	3.2	Visual

NOTES:

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CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER 12901852
4.4.2.10	Box, Paperboard, Set-up		NEXT HIGHER ASSEMBLY 12902855

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Box damaged (cut or torn)	V	5.1	Visual
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual

NOTES:

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CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER
4.4.2.11	Packing and Marking for Kit, Repair for Tile, Armor, M3		12902855
			NEXT HIGHER ASSEMBLY: Final assembly

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Marking incorrect, incomplete or illegible	V	5.1	Visual
102	Box damaged exposing contents	V	5.1	Visual
103	Contents loose	V	5.1	Manual
104	Part missing from quantity required (each part see Dwg. 12902730)	V	5.1	Visual
105	Barrier bag torn or damaged	V	5.1	Visual
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual

NOTES:

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CLASSIFICATION OF CHARACTERISTICS

MIL-K-70994 (AR)

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER 12902856
4.4.2.12	Box, Paperboard, Set-up		NEXT HIGHER ASSEMBLY 12902861

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Box damaged (cut or torn)	V	5.1	Visual
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual

NOTES:

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CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER
4.4.2.13	Packing and Marking for Kit, Repair for Tile, Armor, M5		12902861
			NEXT HIGHER ASSEMBLY: Final assembly

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Marking incorrect, incomplete, or illegible	V	5.1	Visual
102	Box damaged exposing contents	V	5.1	Visual
103	contents loose	V	5.1	Visual
104	Part missing from quantity required (each part see dwg. 12902730)	V	5.1	Visual
105	barrier bag torn or damaged	V	5.1	Visual
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual

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CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER 12902862
4.4.2.14	Box, Paperboard Set-up		NEXT HIGHER ASSEMBLY 12902863

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Box damaged (cut or torn)	V	5.1	Visual
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual

NOTES:

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CLASSIFICATION OF CHARACTERISTICS

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER
4.4.2.15	Packing and Marking for Kit, Repair for Tile, Armor, M6/M7		12902863
			NEXT HIGHER ASSEMBLY: Final assembly

CLASSIFICATION	EXAMINATION OR TEST	CONFORMANCE CRITERIA	REQUIREMENT PARAGRAPH	INSPECTION METHOD REFERENCE
Critical	None defined			
Major				
101	Marking incorrect, incomplete or illegible	V	5.1	Visual
102	Box damaged	V	5.1	Visual
103	Contents loose	V	5.1	Manual
104	Part missing from quantity required (each part see Dwg. 12902732)	V	5.1	Visual
Minor				
201	Evidence of poor workmanship	VI	3.4	Visual

NOTES:

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4.5 Inspection equipment. The inspection equipment required to perform the examinations and tests prescribed herein is described in the "Paragraph Reference/Inspection Method" column in the tables I, II and starting with paragraph 4.4.2.1. The contractor shall submit for approval inspection equipment designs in accordance with the terms of the contract see Section 6, of MIL-A-48078 and 6.3 herein. Calibration of inspection and test equipment shall be in accordance with MIL-STD-45662.

4.6 Methods of inspection.

4.6.1 Materials, components and processes. Compliance with all requirements of section 3 of this specification shall be ascertained by current and continuing examination of inspection and test data to determine that all components (parts, subassemblies and materials) have been inspected and tested and found to comply with the respective drawing, specification or specification requirements, and that all specified manufacturing processes have been followed.

5. PACKAGING

5.1 Packaging and packing.

5.1.1 Level A packing shall be performed in accordance with 12902855, 12902861, and 12902863.

5.1.2 Level B shall be the same as Level A.

5.1.3 Level C shall be the same as Level A.

5.2 Marking.

5.2.1 Level A All markings shall be in accordance with drawings 12902855, 12902861, and 12902863 as applicable.

5.2.2 Level B shall be the same as Level A.

5.2.3 Level C shall be the same as Level A.

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6. NOTES

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

6.1 Intended used. The kits covered by this specification are intended for use on the Bradley Fighting Vehicle System, M2A2/M3A2.

6.2 Acquisition requirements.

a. See MIL-A-48078.

b. Issues of DODISS to be cited in the solicitation and if required, the specified issue of the individual document referenced (see 2.1).

c. Provisions for submission of first article sample.

6.3 Submission of inspection designs for approval. See paragraph 6.2.3 of MIL-A-48078. Submit design as required to: Commander, U.S. Army Armament, Research, Development and Engineering Center (ARDEC), ATTN: SMCAR-QAT-I, Picatinny Arsenal, NJ 07806-5000. This address will be specified on the Contract Data Requirements List, DD Form 1423 in the contract.

6.4 Data requirement. Deliverable data required by the specification cited as follows:

Paragraph	Data Requirements	Applicable Data Item
6.4.1	Ammunition Data Card	DI-MISC-80043

6.4.1 Submission of test data and ammunition data card. One copy of all test data and ammunition data card shall be forwarded to each of the following: Commander, U.S. Army ARDEC, ATTN: SMCAR-CCH-A, Picatinny Arsenal, New Jersey 07806-5000 and Commander, U.S. Army ARDEC, ATTN: SMCAR-QAT-B, Picatinny Arsenal, New Jersey 07806-5000.

6.5 Contractor. Unless otherwise specified, the word "contractor", as used throughout this specification, shall mean any supplier or producer of items or material to the Government. This shall include commercial contractor, subcontractor, Government-Owned, Contractor-Operated (GOCO) and Government-Owned Government Operated (GOGO) plants.

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

6.7 Submission of alternative quality conformance provisions. Unless otherwise specified in the contract, proposed alternative inspection provisions should be submitted by the contractor for evaluation by the technical activity responsible for preparation of this specification.

6.8 Subject term (key word) listing.

Mounting Bracket
Protective Finish
Packing and Packaging

Custodian:
Army-AR

Preparing activity:
Army-AR

(Project 2350-A460)