# SB 740-5820-91-001

# DEPARTMENT OF THE ARMY SUPPLY BULLETIN

# FOR USAECOM MATERIEL RADIO RECEIVERS, AMPLITUDE MODULATED (AM.), FREQUENCY MODULATED (FM), CONTINUOUS WAVE (CW) AND SINGLE SIDEBAND (SSB)

Headquarters, Department of the Army, Washington, D.C. 12 July 1969

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#### Section I. INTRODUCTION

- 1. **Purpose.** This supply bulletin provides a storage serviceability standard which establishes uniform criteria for determining the acceptability of the items designated herein, for continued storage and/or issue, on the condition that all specifications and requirements applicable to the items have previously been met at the time of receipt from new procurement, or after repair, overhaul or rebuild by a CONUS depot maintenance shop.
- **2. Scope.** This supply bulletin applies to all activities engaged in the receipt, storage, and issue of USAECOM radio receivers (FSC 5820). Appendix II lists the radio receivers with the applicable Federal stock number.
- 3. General. It is the Army's objective to attain and maintain a constant materiel readiness status for materiel in depot stocks. The scope of such an objective is of such magnitude that only general guidelines are provided by Chapter 3, Section VIII of TM 743-200 for the quality evaluation of materiel in the custody of supply and storage activities. This standard supplements TM 743-200 by providing a systematic procedure for storage cyclic inspection of the radio receivers specified in paragraph 2, and indicates the limiting degree of deterioration, damage, unsatisfactory storage practices and other characteristics which are acceptable. It also establishes the basis for identifying materiel requiring segregation; remedial care and preservation or

- classification action. Applicable requirements of the standard may be used for performing receipt and preshipment quality control inspections.
- **4. Definitions.** *a.* Definitions for the majority of specialized terms used herein can be found in MI L-ST D- 109.
- *b.* Definitions for other specialized terms are as follows:
- (1) Storage serviceability standard. A written procedure providing storage methods and standards and prescribing the necessary requirements for the surveillance of materiel in storage.
- (2) Storage quality level (sql). That quality level applicable to storage sampling inspection expressed in terms of percent defective or defects per 100 units, whichever is applicable, specified for a given group of defects of a product. It is the maximum allowable accidental departure from specification requirements which can be tolerated.
- **5. Comments.** The reporting of errors, omissions, and recommendations for improving this publication is authorized and encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to DA Publications) and forwarded direct to Commanding General, U. S. Army Electronics Command, ATTN: AMSEL-ME-NMP-AD, Fort Monmouth, N. J. 07703.

#### Section II. STORAGE AND SPECIAL INSTRUCTIONS

#### 6. Preservation, Packaging, and Packing.

Preservation, packaging, and packing will be in accordance with the requirements listed in appendix III. Items designated by 17-digit code shall be preserved and packaged in accordance with MIL-STD-726; packing shall conform to the requirements specified in MIL-P-55585 (EL). Items designated by military specifications shall be preserved, packaged, and packed in accordance with the requirements in the cited specification.

7. Marking. Marking will be in accordance

with MIL-STD- 129.

- **8. Storage.** *a. Type.* Controlled humidity warehouse or heated warehouse.
- b. Age Control. Radio receivers will be issued on a First-In-First-Out (FIFO) basis by date of manufacture, or date of rebuild.
- c. Shelf Life. Radio receivers are subject to deterioration during storage and are required to be inspected and tested as specified in appendix IV.

## APPENDIX I. REFERENCES

Publication	Title
MIL-R-4753	Radio Receiver R-361( )/GR and Associated Cables
MIL-R-10474	Radio Receivers R-389/URR, R-390/URR, R-391/URR and R-392/URR and Associated Components.
MIL-R-10584	Receivers, Radio R-220( )/URR and R-644( )/[JRR (Units of).
MIL-R-10616	Radio Relay Systems, Intermediate Area (Units of).
MIL-R-11539	Radio Set, Non Tactical Radio Equipment (Components of).
MIL-R-11812	Radio Set AN/GRC-26 (Units of).
MIL-R-12778	Receivers Radio R-108( )/GRC, R-109( )/GRC and R-110()/GRC.
MIL-R-13947	Receiver, Radio R-390( )/URR.
MIL-R-55139	Receiver Group OA-1451( )/PRR.
MIL-D-55453	Direction Finder Set AN/TRD-15 (Units of).
MIL-P-55585(EL)	Packing and Marking Requirements for Southeast Asia and Stratcom and Preparation for Delivery Requirements of Electronics Equipment and Components.
MIL-STD-109	Quality Assurance Terms and Definitions.
MIL-STD-129	Marking for Shipment and Storage.
MIL-STD-726	Packaging Requirements Code.
TM743-200-1	Storage and Materials Handling.

# APPENDIX II. FEDERAL STOCK NUMBERS AND TEST REQUIREMENTS

Туре	FSN	Publication	Test Requirements
R-108/GRC	5820-503-1258	TM 11-898,C3	Para 59 through 67.8
R-109/GRC	5820-503-1413	TM 11-898,C3	Para 59 through 67.8
R-110/GRC	5820-503-1254	TM 11-898,C3	Para 59 through 67.8
R-125/GRC-10	5820-503-1244	TM 11-614	Para 202, through 204
R-174/URR	5820-537-3894	REP 393	Perform all tests
R-212/SR	5820-164-7185	REP 666	Perform all tests
R-220 / U R R	5820-642-8144	REP 611	Perform all tests
R-257 /U	5820-503-1255	TM 11-5071	Para 94 through 105
R-3001/GMD-1	5820-722-5304	TM 11-6660-206-35	Para W
R-336/GRC-26	5820194-2992	REP 652	Perform all tests
R-361C/GR	5820557-6438	TM 11-5820-201-50	Section IX.
R-389/URR	5820-503-1417	TM 11-855	Para 129 through 133

# APPENDIX II. — continued

Type	FSN	Publication	Test Requirements
R-390/URR	5820-503-1242	TM 11-5820-357-35	Chapter 4 (DIS)
R-390A/URR	5820-538-7555	TM 11-5820-358-35	Chapter 5 (DIS)
R-391/URR	5820-503-1256	REP 914	Perform all tests
R-392/URR	5820-503-1250	REP 858	Perform all tests
R-394/U	5820-503-1259	TM 11-5092	Para 92 through 105
R-417/TRC-1	5820-503-3960	TM 11-5820-287-50	Chapter 5 (DIS)
R-442/VRC	5820-892-0624	TM 11-5820-409-35	Chapter 6
R-520/URR	5820-503-1403	TM 11-877	Para 94 through 101
R-644/URR	5820-519-3939	REP 611	Perform all tests
R-725/URR	5820-926-0180	TM 11-5825-231-25	Para 1-2
R-744A/PRR	5820-082-3847	REP 1383	Section IV, para B.1. $a$ through B.1. $j$
R-748/TRC-47	5820-503-1395	TM 11-212-35,C2	Para 65.5 through 65.8
R-853/URR	5820-752-5314	REP 1379	Perform all tests
R-1004/GRC-109	5820-892-0882	TM 11-5820-474-14	Para 103 through 106
R-1122/GR	5820770-2254	TM 11-5820-526-35	Chapter 5 (DOS)
R-1148P/GRC	5820-892-3858	TM 11-5820-461-35	Para 9-11 and 9-12
R-1331(P)/GRC	5820-082-4292	TM 11-5820-461-35	Para 9-11 and 9-12
R-1433/UR	5820-999-3915	TM 11-5820-526-35	Chapter 5 (DOS)
R-1545/FSQ-75(V)	5820-935-4987	TM 11-5820-732-35	Chapter 4 (DOS)
R-1546/FSQ-75(V)	5820-086-2713	TM 11-5825-249-35	Chapter 4 (DOS)
R-1547/FSQ-75(V)	5820-055-5931	TM 11-5820-735-35	Chapter 5 (DOS)

# APPENDIX III. PRESERVATION, PACKAGING, AND PACKING

Type	Requirements	Туре	Requirements
R-108/GRC	MIL-R-12778	R-361/GR	MIL-R-4753
R-109	MIL-R-12778	R-389/U R R	MIL-R-10474
R-110/GRC	MIL-R-12778	R-390/URR	MIL-R-10474
R-125/GRC-10	4Q-1-1-00-00-JJ-X-ED-0-00-A	R-3WA/URR	MIL-R-13947
R-174/URR	4Q-1-1-00-00-JJ-X-ED-0-00-A	R-391/URR	MIL-R-10474
R-212/SR	4Q-1-1-00-00-JJ-X-ED-0-00-A	R-392/URR	MIL-R-10474
R-220/URR	MIL-R-10584	R-394/U	MIL-R-11539
R-257/U	4Q-1-l-00-00-JJ-X-ED-0-00-A	R-417/TRC-1	MIL-R-10616
R-301/GMD-1	4Q-1-1-00-00-JJ-X-ED-0-00-A	R-442/VRC	4Q-1-1-00-00-JJ-X-ED-0-00-A
R-336/FRC-26	MIL-R-11812	R-520/URR	4Q-1-1-00-00-JJ-X-ED-0-00-A

#### **APPENDIX III. - continued**

Type	Requirements	Type	Requirements
R-664/URR	MIL-R-10584	R-1148P/GRC	4Q-1-1-00-00-JJ-X-ED-0-00-A
R-725/URR	MIL-D-11-55453	R-1331(P)/GRC	4Q-1-1-00-00-JJ-X-ED-0-00-A
R-744A/PRR	MIL-R-55139	R-1433/UR	4Q-1-1-00-EA-JJ-X-ED-0-00-A
R-748/TRC-47	4Q-1-1-00-00-JJ-X-ED-0-00-A	R-1545/FSQ-75(V)	4Q-1-1-00-00-JJ-X-ED-0-00-A
R-853/URR	4Q-1-1-00-00-JJ-X-ED-0-00-A	R-1546/FSQ-75(V)	4Q-1-1-00-00-JJ-X-ED-0-00-A
R-1004/GRC-109	4Q-1-1-00-00-JJ-X-ED-0-00-A	R-1547/FSQ-75(V)	4Q-1-1-00-00-JJ-X-ED-0-00-A
R-1122/GR	4Q-1-1-00-EA-JJ-X-ED-0-00-A		

#### APPENDIX IV

#### U.S. ARMY ELECTRONICS COMMAND

#### STORAGE QUALITY ASSURANCE PROVISIONS

#### FOR RADIO, RECEIVERS, AMPLITUDE MODULATED (AM.),

# FREQUENCY MODULATED (FM), CONTINUOUS WAVE (CW) AND SINGLE SIDEBAND (SSB)

- **1. Index Number.** The four-digit index number of this STORAGE QUALITY ASSURANCE PROVISION (SQAP) (reserved for future use in automatic data processing) is 0000.
- **2. Federal Stock Number.** Each item listed in appendix II, with its Federal stock number, is subject to the provisions of this SQAP.
- **3. Definitions.** Definitions for the majority of specialized terms used in this procedure can be found in MIL-STD-109. Some of the special terms used in this SQAP are defined as follows:
- a. Acceptance Quality Level (AQL). The nominal value expressed in terms of percent defective or defects per 100 units, whichever is applicable, specified for a given group of defects of a product. It is the maximum allowable accidental departure from specification requirements which can be tolerated.
- b. Storage Quality Level (SQL). That quality level applicable to storage sampling inspection expressed in terms of percent defective or defects per 100 units, whichever is applicable, specified for a given group of defects of a product. It is the maximum allowable accidental departure from specification requirements which can be tolerated.

- c. Defect. Any nonconformance of the unit of product with specified requirements.
- d. Defective Unit, A unit of product which contains one or more defects.
- e. Critical Defect. A defect that judgment and experience indicate is likely to result in hazardous or unsafe conditions for individuals using, maintaining, or depending on the product performance of the tactical function of a major end item, such as a ship, aircraft, tank missile, or space vehicle.
- f. Major Defect. A defect other than critical that could result in failure, or materially reduce the usability of the product for its intended purpose.
- g. Minor Defect. A defect that does not materially reduce the usability of the unit of product for its intended purpose, or is a departure from established standards having little bearing on the effective use or operation of the unit.
- h. Mechanical-Visual Inspection. An inspection by visual means to observe the item and/or its packaging and packing to detect deficiencies. Mechanical-visual inspection may require disassembly.

i.	Tec	hnica	al I	Inspectio	n.	A c	omplete	func-
tiona	l in	spect	ion	includin	g d	isas	sembly,	where
requi	ired	and	per	formance	e te	stin	g, and/o	r lab-
orato	ry 1	testin	ıg.					

#### 4. Specifications, Technical Manuals, and The following documents Other Documents. contain inspection and testing information, data and instructions applicable to these quality assurance provisions:

ity assurance	•	REP 1383	Repair Standard for Receiver Group OA-1451/PRR.	
Publication AR 725-50	Title  Requisitioning, Receipt and Issuing	TM 11-212-35	Field and Depot Maintenance: Radio Set AN/TRC-47.	
AMCR 700-9	System.  Army Metrology and Calibration System.	TM 11-614	Radio Set AN/GRL-10; Radio Terminal Set AN/GRC-39; Radio Repeater Set AN/GRC-40 (TO21P2 2GRC 161)	
AMCR 702-5	Reporting Receipt of Material Not in Conformance with Contract Draw- ing or Specification Requirements.	TM 11-855	(TO31R2-2GRC-161).  Radio Receiver R-389/URR.	
AMCR 702-7	Depot Quality Assurance.	TM 11-877	Radio Receiver R-520/URR and R-520A/URR,	
MIL-P-116	Preservation, Methods of.	TM 11-898	Radio Receivers R-108/GRC,	
MIL-P-11268	Parts, Materiels and Processes Used	111 11 000	R-109/GRC, and R-110/GRC.	
	in Electronic Communication Equip-	TM 11-5071	Radio Receiver R-257/U.	
MIL-M-13231	ment.  Marking of Electronic Items.	TM 11-5092	Radio Receiver R-394/U.	
MIL-M-13231 MIL-STD-105D	Sampling Procedures and Tables for Inspection by Attributes.	TM 11-5820-201-50	Depot Maintenance Manual: Radio Set AN/GRR-7.	
MIL-STD-109A	Quality Assurance Terms and Definitions.	TM 11-5820-287-50	Depot Maintenance Manual Radio Sets AN/TRC-24, AN/GRC-75, AN/GRC-78, AN/GRC-81, and	
MIL-STD-129D	Marking for Shipment and Storage.		AN/GRC-76, ANGRC-61, and AN/GRC-81A; Radio Terminal Sets	
MIL-STD-130B	Identification Markings for U.S. Military Property.		AN/TRC-35, AN/GRC-76, AN/GRC-79, and AN/GRC-82;	
MIL-WD-252A	Wired Equipment, Classification of Visual and Mechanical Defects.		Radio Relay Set AN/TRC-36; Radio Repeater Set AN/GRC-77, AN/GRC-80, and AN/GRC-83;	
MIL-STD-726	Packaging Requirements Code.		and Radio Set Groups	
TB SIG 355-1	Depot Inspection Standard for Repaired Signal Equipment.	TTM 11 7000 077 07	AN/TRA-25, AN/TRA-25A, and OA-3668A/TRC-24.	
TB SIG 355-2	Depot Inspection Standard for	TM 11-5820-357-35	Field and Depot Maintenance Manual: Radio Receiver R-390/URR.	
	Refinishing Repaired Signal Equipment,	TM 11-5820-358-35	Field and Depot Maintenance Manual: Radio Receiver R-390/URR.	
TB SIG 355-3	Depot Inspection Standard for Mois- ture and Fungus Resistant Treat- ment.	TM 11-5820-409-35	Field and Depot Maintenance Manual: Receiver, Radio R-442/VRC.	
TB SIG 355-4	Depot Inspection Standard for Balancing Rotating Parts and Assemblies.	TM 11-5820-461-35	DS, GS, and Depot Maintenance Manual: Radio Sets AN/GRC-50(V) 1, 2, 3, 4, and 5; Radio Sets	
REP 393	Repair Standard for Radio Receiver R-174/URR.		AN/GRC-50A (V) 1, 2, 3, 4, 5, 6, and 7, and Test Facilities Kit MK-715/GRC-50(V).	
REP 611	Repair Standard for Radio Receivers R-220/URR and R-644/URR.	TM 11-5820-474-14	Organizational, DS, and GS Mainte- nance Manual: Radio Set	
REP 652	Repair Standard for Radio Set AN/GRC-26/Radio Receiver R-336/GRC-26.	TM 11-5820-526-35	AN/GRC-109.  DS, GS, and Depot Maintenance Manual Including Page Page 1	
REP 666	Repair Standard for Radio Receiver R-212/SR.		Manual Including Repair Parts List: Radio Receivers R-122/GR and R-1433/UR.	

Publication

**REP 858** 

REP 914

REP 1379

Title

Repair Standard for Radio Set AN/GRC-19/ Radio Receiver

R-390/URR, R-391/URR.

Repair Standard for Radio Receiver

Repair Standard for Radio Receiver

R-392/URR.

R-853/URR.

Publication Title

TM 11-5820-732-35 DS, GS, and Depot Maintenance Manual: Receiver, Radio R-1545/FSQ-75(V).

TM 11-5820-735-35 DS, GS, and Depot Maintenance Manual: Receiver, Radio R-1547/GSQ-75.

TM 11-5825-231-25 Organizational, DS, GS, and Depot Maintenance Manual: Direction Finder Set AN/TRD-15.

TM 11-5825-249-35 DS, GS, and Depot Maintenance Manual: Receiver, Radio R-1546/FSQ-75.

TM 11-6660-206-35 Field and Depot Maintenance Manual:

Rawin Sets AN/GMI)-1A and

AN/GMD-1B (TO 31M1-2GMD1-112).

TM 38-750 Army Equipment Record Procedures.

#### 5. Other Directives.

Publication	Tite
AR 795-17	General Policies and Principles for Furnishing Army Materiel on a Grant Aid Basis.
AR 795-204	General Policies and Principles for Furnishing Defense Articles and Services on a Sale or Loan Basis.
AMCR 700-47	Basic Issue List Items (BILI).
AMCR 702-3	$\label{eq:Quality} \mbox{Quality of Materiel for Mutual Security} \\ \mbox{Program.}$
DA Pamplet 310-4	Index of Technical Manuals, Technical Bulletins, Supply Manuals (types 7, 8, and 9), Supply Bulletins, and Lubrication orders.
DA Pamplet 310-7	U.S. Army Equipment Index of Modification Work Orders,

#### 6. Inspection Criteria. a. Lot Criteria.

- (1) Lot definition. A lot is defined as a group of like items from which a spmple is to be drawn and inspected to determine conformance with the acceptability criteria. The following are examples:
- (a) A group of like items in storage which were received in a shipment with the following identical markings:
  - 1. Purchase order number.
  - 2. Date packaged or packed.
  - 3. Depot certification stamp and date.
- (b) A group of like items repaired or rebuilt by the Maintenance Division in one production run.

- (2) Lot formation. The items shall be assembled into identifiable lots. Each lot shall, as far as practicable, consist of units of product of a single type, grade, class, size, and composition manufactured, repaired, or rebuilt at the same time and stored under the same conditions.
- (3) *Lot size*, The lot size is the total number of individual like items in the lot that is to be inspected.

#### b. Sampling Procedure.

- (1) Sample selection. Select samples of materiel in a way which will assure that each unit in the lot has an equal chance of being selected. Biased methods, such as selecting items from the same position in a container, pallet, or stack; taking items all from one location; or selecting items that appear defective, will not be utilized.
- (2) Sample size. Use Table I of MIL-STD-105, General Inspection Level II, to obtain the sample size code letter and Table II-A of MIL-STD-105 to obtain the sample size utilizing the storage quality levels shown in (3) below.
  - (3) Storage quality levels (SQL).
- (a) Mechanical-visual inspection: critical SQL 1.0%; major SQL 2.5%; minor SQL 10%
- (b) Electrical: critical SQL 1.0%; major SQL 2.5%.
- (c) Preservation, packaging, packing and marking: major SQL 4.0 %; minor SQL 10%.
- (d) The acceptance or reject number for the above SQL's shall be the same as those shown for comparable acceptance quality levels (AQL's) in Table II-A of MIL-STD- 105.
- c. Inspection Requirements. The following mechanical-visual inspections shall be performed:
- (1) Inspect case for physical damage, condition, and finish.
- (2) Inspect all controls and switches for proper operation and loose or missing hardware.
- (3) Inspect all connectors, plugs, and cord receptacles for condition and damage.
- (4) Inspect assembly forphysical damage, conditio, missing parts, foreign objects, and finish.
  - (5) Inspect cabling and wiring for poten-

tial shorts, cuts, breaks, fraying, deterioration, kinks, and strain.

- (6) Inspect solder connections for missing solder, cold solder, insufficient solder, excessive solder, and improper wrap.
- (7) Inspect for illegible, incorrect, or missing markings.
- (8) Inspect for corrosion, dirt, moisture, and fungus.
- (9) Inspect all parts and hardware for damage and condition.
- d. Test Requirements. Perform those tests that are specified for each radio receiver listed in appendix II.
  - e. Defect Classification.
    - (1) Mechanical-visual.
- (a) Critical. Refer to the definition of a critical defect.
  - (b) Major.
- 1. Damage due to handling or storage (crushed, deformed, or broken).
- 2, Soldering: defects as listed in MIL-STD-252.
- 3. Solderless connectors: defects as listed in MIL-STD-252.
- 4. Cabling and wiring: defects as listed in MIL-STD-252.
- 5. Hardware: defects as listed in MIL-STD-252.
- 6. Foreign objects: defects as listed in MI L-ST D-252.
- 7. Potential **shorts:** defects as listed in MIL-STD-252.
- $8. \,$  Finish: defects as listed in MIL-STD-252.
- 9. Marking: defects as listed in MIL-STD-252.
- $\it 10.$  Parts: defects as listed in MIL-STD-252.
- $\it 11.$  Contacts: defects as listed in MIL-STD-252.
  - 12. Plating, painting, or MFP missing.
- 13. Dimensional: a dimensional defect which directly affects interchangeability, assembly, or operation.
  - (c) Minor.
    - 1. Soldering: defects as listed in MIL-

- STD-252.
- 2. Solderless connectors: defects as listed in MIL-STD-252.
- 3. Cabling and wiring: defects as listed in MIL-STD-252.
- 4. Hardware: defects as listed in MlL-ST D-252.
- 5. Finish: defects as listed in MIL-ST D-252.
- 6. Marking: defects as listed in MIL-STD-252.
- 7. Parts: defects as listed in MIL-ST D-252.
- 8. Contacts: defects as listed in MIL-ST D-252.
  - (2) Electrical.
- (a) Critical. Refer to the definition of a critical defect.
- (b) Major. Any electrical defect, other than critical, that does not meet the requirements specified for each item shall be considered a major defect.
- (c) Minor. None. All electrical defects shall be considered critical or major, as applicable.
  - (3) Packaging and marking+najor.
- (a) Use of improper or defective material.
- (b) Quantity of unit package not as specified.
- (c) Incorrect packaging method applied.
  - (d) Cushioning. or padding omitted.
- (e) Cushioning or padding inadequate for the protection of the barrier material from projections, sharp edges, or other similar features of the item.
- (f) Cushioning inadequate forthephysical and mechanical protection of the item.
- (g) Unsealed, punctured, orimproperly sealed barrier bag, wrap, or envelope.
- (h) Stock number omitted, incorrect, or illegible.
- (i) Nomenclature omitted, incorrect, or illegible.
- (j) Marking of quantity of items inpackage omitted, incorrect or illegible.

- (k) Different stock numbered items in the same unit package.
  - (4) Packaging and marking—minor.
- (a) Item not properly blocked or braced within the unit package to prevent movement.
  - (b) Packaging material damaged.
- (c) Conforming or cushioning wraps are not snug fitting and contain voids.
- (d) Air not expelled from barrier before sealing.
- (e) Any item of marking information other than (3) (h), (i), and (j) above listed under major defects omitted, incorrect or illegible.
  - (5) Packaging and marking-major.
- (a) Use of improper or defective material.
  - (b) Quantity in pack not as specified.
- (c) Gross weight in excess of specified amount.
  - (d) Box closure not as specified.
- (e) Type, grade, class, and style of the shipping container not as specified.
  - (f) Strapping omitted (when required).
- (g) Strapping inadequate or incorrectly applied (when required).
- (h) Items not adequately blocked, braced, or cushioned within the shipping container to prevent movement or damage.
- (i) Shipping documents or packing list omitted.
- (j) Stock number omitted, incorrect, or illegible.
- (k) Nomenclature omitted, incorrect, or illegible.
- (l) Marking of quantities of items in pack omitted, incorrect, or illegible.
- (m) Destination marking omitted, incorrect, or illegible.
- (n) Special marking or labeling (when required) omitted, incorrect, or illegible.
- (o) Overseas code marking (when required) omitted, incorrect, or illegible.
  - (6) Packaging and marking—minor.
    - (a) Unsealed carton.
- $\it (b)$  Defective taping or sealing of carton.

- (c) Any other box defect, which may be considered minor by definition of MIL-STD-105.
- (d) Any item of required marking information other than (5) (j) through (o) above listed under major defects omitted, incorrect, or illegible.
- f. Calibration of Measuring and Test Equipment. All measuring and test equipment shall have been calibrated and certified within its prescribed period, in accordance with AMCR 700-9, before use. Certification shall be affixed in such a way as to preclude any altering or tampering.
- g. Storage Inspection Records. Results of inspections and tests shall be recorded on data sheets in accordance with AMCH 702-7, and a copy attached to each unit.
- 7. Inspection Frequency. *a.* Controlled humidity warehouse: 60 months.
  - b. Heated warehouse: 36 months.
  - c. Unheated warehouse: 18 months.
- 8. Type of Storage. Controlled humidity warehouse or heated warehouse.
- 9. Other Instructions. *a. Rejected Lots.* Each rejected lot shall be tagged and reclassified into the proper condition code in accordance with AR 725-50 and AMCR 702-5. For other than new materiel, all defective units in a lot shall be repaired, or disposition requested in accordance with AMC and depot procedures.
- b. Repackaging of Samples Inspected. Restore the packaging of the samples inspected and accepted to the level of the lot from which the samples were drawn.
- 10. Special Requirements. If the subject items are allocated for Foreign Military Sales, Grant Aid, or Loan, the following additional requirements must be met:
  - a. Policies and Special Conditions:

Publication Title

AR 795-17 General Policies and Principles for Furnishing Army Materiel on a Grant Aid Basis.

AR 795-204 General Policies and Principles for Furnishing Defense Articles and Services on a Sale or Loan Basis.

AMCR 702-3	Quality of Materiel for Mutual Security Program.
AMCR 750-11	Department of the Army Modification work Orders for MAP.
[] Form 1513	Offer and Acceptance.

Title

Publication

Note: Special terms, conditions, and agreements with the customer country, and shown on the DD Form 1513 (Offer and Acceptance), must be complied with as well as any special instructions from the responsible commodity command

b. Basic Issue List Items (BILI). The BILI deck normally furnished to the depots

by USAECOM BILI Office, Lexington—Blue Grass Army Depot, Lexington, Ky., office symbol AMSEL-ME-NMP-MR-L, shall be utilized.

- c. Level A Packaging and Packing. Level A packaging and packing is mandatory for Foreign Military Sales and Grant Aid shipments.
- d. Depot Documentation. Depot documentation of final acceptance in accordance with AMCR 702-3 shall be furnished the ECOM quality check team *prior* to ECOM inspection.

# By Order of the Secretary of the Army:

W. C. WESTMORELAND, General, United States Amy, Chief of Staff.

## Official:

KENNETH G. WICKHAM, Major General, United States Army, The Adjutant General.

#### Distribution:

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Active Army:
                                                 USAMECOM (3)
  CNGB (1)
                                                 USAWECOM (3)
  ACSC-E (2)
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  USAARENBD (1)
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  USACDCCEA (1)
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                                                 USMACV (10)
  USCONARC (5)
                                                 USARV (5)
  ARADCOM (2)
                                                 Army Depots (2) except
  OS Maj Comd (4)
                                                  SAAD (50)
  LOGCOMD (2) except
                                                  LBAD (20)
   1st LOGCOMD (5)
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   9th LOGCOMD (5)
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  USAECOM (3)
                                                 Sig Sec, Gen Depot (5)
  USATECOM (3)
                                                 Sig Depots (12)
  USAMUCOM (3)
NC: State AG (3)
USAR: None.
For explanation of abbreviations used, see AR 320-50.
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