

DEPARTMENT OF THE ARMY SUPPLY BULLETIN

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STORAGE  
SERVICEABILITY STANDARD  
FOR  
CECOM MATERIEL

**INTRODUCTION**

**APPLICATION  
INSTRUCTIONS**

**CODED STORAGE  
REQUIREMENTS**

**FSC CLASS  
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**SUPPLEMENTARY  
PROCEDURES**

**SHELF LIFE  
ITEMS**

**DEFINITIONS**

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HEADQUARTERS, DEPARTMENT OF THE ARMY

28 JUNE 1983

CHANGE

No. 1

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, DC, 31 October 1985

**STORAGE SERVICEABILITY STANDARD  
FOR CECOM MATERIEL**

SB 740-91-01, 28 June 1983, is changed as follows:

1. Remove old pages and insert new pages as indicated below. New or changed material is indicated by a vertical bar in the margin-of the page. Added or revised illustrations are indicated by a vertical bar adjacent to the identification number.

*Remove pages*

*Insert pages*

2-14 and 2-12 .....	2-11 and 2-12
A-41 through A-46 .....	A-41 through A-46
A-73 and A-74A-73 and A-74	
A-89 and A-90A-89 and A-90	
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A-129 and A-130 .....	A-129 and A-130
A-153 through A-156 .....	A-153 through A-156
B-103 and B-104 .....	B-103 and B-104
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B-115 and B-116.....	B-115 and B-116
None .....	B-116.1/(B-116.2 blank)
B-129 and B-130 .....	B-129 and B-130
None .....	B-130.1 through B-130.34
C-5 through C-10.....	C-5 through C-10
None .....	C-10.1 and C-10.2
C-11 and C-12 .....	C-11 and C-12

2. File this change sheet in the front of the publication for reference purposes.

By Order of the Secretary of the Army:

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DEPARTMENT OF THE ARMY  
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**STORAGE SERVICEABILITY STANDARD  
FOR CECOM MATERIEL**

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\*This bulletin supersedes SB 740-91-006, 6 June 1978; SB 740-91-013, 12 June 1978; and SB 740-91-052, 22 April 1977.

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## SECTION I

### INTRODUCTION

#### 1-1 Purpose.

This supply bulletin sets forth requirements and instructions (including inspection time periods) for the purpose of determining the acceptability of materiel items during extended periods of storage through the performance of mandatory cyclic inspections. These requirements and instructions are consistent with the policy and provisions of AR 740-1. The requirements, instructions, and criteria stated herein are based on the condition that at the time of the initial storage the materiel items are ready for issue and that all preservation requirements applicable to these items have been met prior to placement in storage.

#### 1-2 Scope.

The procedures and instructions established by this supply bulletin are applicable to CECOM (Communications and Electronics Command) managed materials in depot storage operations that currently require cyclic inspections. These materials are identified within the Federal Supply Classification (FSC) System which is designed to serve the necessary function of supply.

The Federal Supply Classification (FSC) classes have been developed by the Office of the Secretary of Defense for use in classifying items of supply identified under the Federal Cataloging Program. The FSC is divided into groups and classes established for all commodities. Each class covers a relatively homogeneous area of commodities, in respect to their physical or performance characteristics, or in the respect that the items included therein are such as are usually requisitioned or issued together, or constitute a related grouping for supply management purposes. The FSC utilizes a four-digit coding structure. The first two digits of the code number identify the group, and the last two digits of the code number identify the classes within each group. Each materiel item is further identified by a National Stock Number (NSN), comprised of thirteen (13) digits, beginning with the four digits of the FSC class identification code followed by nine digits which are unique for each item. The structure of the FSC consists of 77 groups, subdivided into 603 classes. CECOM presently manages over 96 of these classes, which are identified in appendix A of this supply bulletin.

This supply bulletin provides storage serviceability standard requirements for those items maintained in active storage as identified in the Item Data Segment of the Army Master Data File (AMDF) by the Acquisition Advice Codes (AAC), A, B, C, D, K, M, P, R, and Z, (AR 708-1). These AAC codes are used to indicate how and under what restrictions materiel items will be acquired. They identify controlling activities for issue, transfer, or shipment; limitation or user activities; restrictions on procurement or requisition means; and are essentially associated with stocked materiel. Complete definitions may be found in appendix D of this supply bulletin.

Storage Serviceability Standards are not provided for:

- (1) Depot Property non-shelf-life stocks.

- (2) Materiel classified as not ready for issue and identified by Condition Codes E, F, G, H, J, K, L, M, and P. Condition codes are used to classify materiel readiness or to identify actions under way to change the status of stocked materiel; i.e., suspended returns; unserviceable reclassification, repairable, incomplete, limited restoration, etc. Complete definitions may be found in appendix D of this supply bulletin.
- (3) Ammunition (Class V), explosives, and toxics.
- (4) Items specially preserved and packed as per AMC Supplement 1 to AR 700-15, 5 May 1971.
- (5) Those materiel managed as part of the Army Class Manager Activity (ACMA).
- (6) Materiel and equipment covered by SSS's published to DSAM 4155.5 (TB 740-10).
- (7) Those materiel identified by Acquisition Advice Codes (AAC) of E, F, G, H, J, L, N, U, V, W, X, Y, S, and T (See appendix D for AAC code definitions).

### 1-3 Background.

In order to assure the readiness of depot stored materiel, three (3) basic inspections are employed:

- (1) Inspection of materiel at receipt
- (2) Inspection of materiel in storage
- (3) Inspection of materiel prior to issue.

These basic inspection stations are depicted in figure 1-1, which also illustrates the receipt of materiel items, from various sources along with materiel handling procedures and storage facilities.

The inspection of materiel in storage is comprised of Scheduled Cyclic Inspections, Materiel Audits, and Special Inspection.

This bulletin addresses the storage serviceability standards and instructions necessary for the performance of scheduled cyclic inspections. It should be noted, that the basic assumptions of the storage serviceability standard program are that all materials when originally placed in storage are ready for issue and that all applicable preservation, packaging, and packing (PP&P) requirements as defined by the appropriate technical manual have been met. Thus, the intention of the standards is not to serve as a check function for manufacturing or field repair and overhaul operations, but rather to identify, classify, and ultimately eliminate materiel and/or item failure due to long-term storage.

*Scheduled Cyclic Inspection* is applicable to high risk materiel Group IA, B, and C as well as Group IIA materiel in open storage (see AR 740-3). It involves systematically inspecting the materiel for condition degradation, deterioration, corrosion, damage, and other deficiencies as induced by improper storage methods, extended periods of storage, or inherent materiel deterioration characteristics. Minor deficiencies must be detected before they become of major significance, thus providing for corrective actions before the materiel becomes unserviceable or unusable. In this regard, cyclic inspection identifies those stocks which require corrective packing and packaging or special storage control to assure that

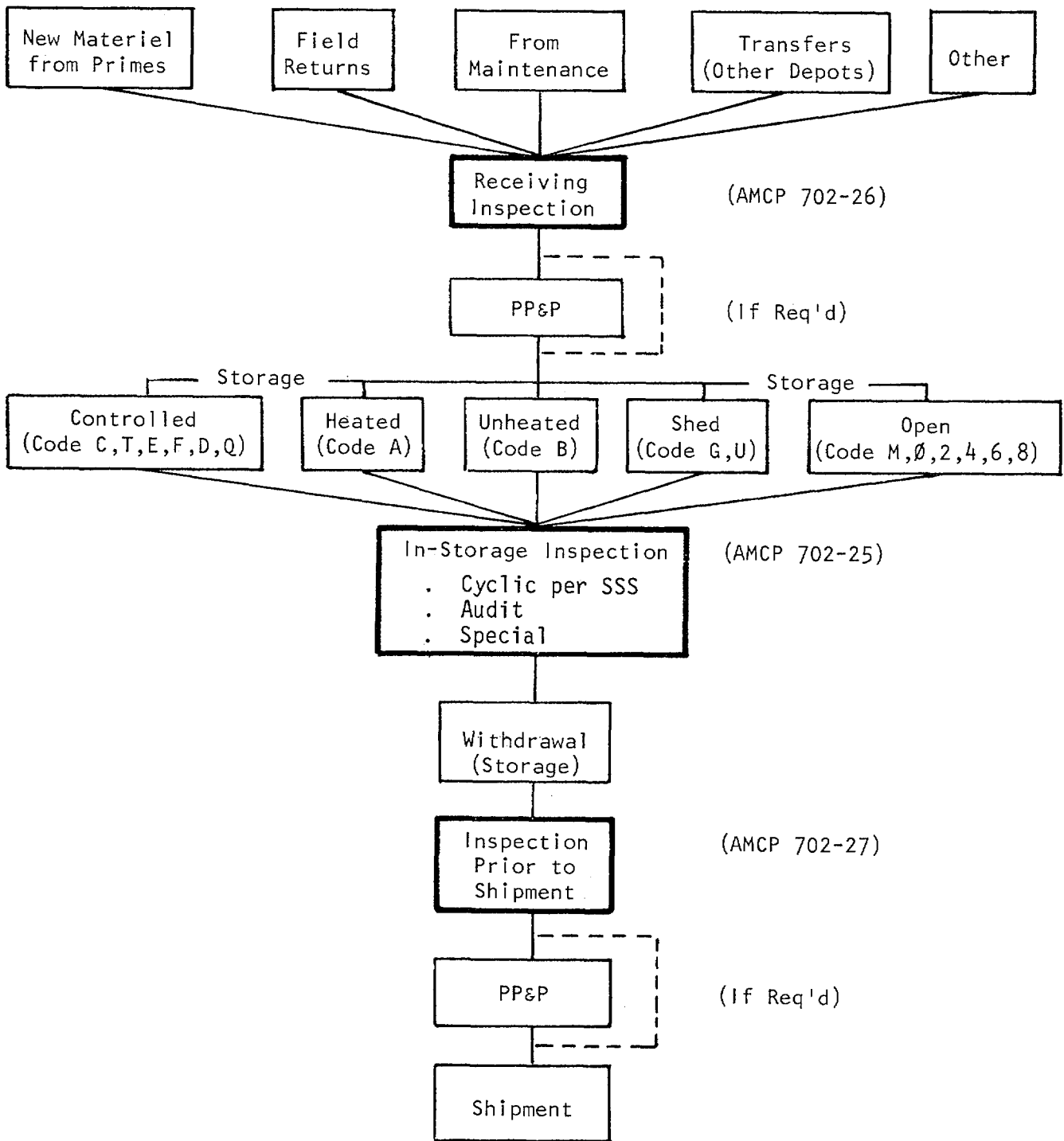


Figure 1-1. Depot Materiel Handling and Inspection Flow.

materiel is maintained in a serviceable condition (provides the storage activity with information for establishment of workload priorities for the accomplishment of Preservation, Packaging and Packing actions into Priorities II and III, as defined in AR 740-1), and identifies those assets which require condition reclassification to a lesser degree of serviceability. Effective and efficient execution of the cyclic inspection system requirements assures that: (1) stored materiel is inspected/reclassified at intervals indicated by the assigned Shelf-Life Code, Inspection Frequency Code, or type of storage afforded the materiel (shelf-life materiel will be controlled, regardless of other considerations); (2) quantitative data generated by the cyclic inspection system will be thoroughly analyzed, summarized, and furnished periodically to management to assist in the elimination of causes for deficiencies; and (3) advanced engineering and statistical techniques are used to insure economy and cost effectiveness of the operations.

*Materiel Audit Inspection* is applicable to high risk materiel (Priority Group-II-except Group IIA materiel in open storage). Materiel audit inspection is, technically, an element of the cyclic inspection system in that such inspection can be forecast and scheduled. Forecasting and scheduling, however, is not automated (as is the case for High Priority Group Materiel Group 1); therefore, audit inspection is addressed separately.

*Special Inspection* is that inspection which cannot be planned or forecast, and is other than scheduled. Primarily, it is accomplished to verify the correctness and accuracy of identity, condition, marking, packaging, or other characteristics of a specific item that have become suspect. Special inspection is normally initiated as a result of customer complaints, deficiencies discovered in other depot operations [e.g., maintenance, shipping, preservation, packaging, packing (PP&P)], unexpected adverse changes in storage condition, or requests from higher authority. Data resulting from these special inspections, to the extent of providing supplementary information for improving the storage serviceability standards, shall be submitted in accordance with paragraph 1-5 of this bulletin.

#### **1-4 Definitions.**

Definitions for the majority of specialized terms used in this, and its associated supply bulletins, are found in MIL-STD-109, "Quality Assurance Terms and Definitions, " and in AR 310-25, "Dictionary of United States Army Terms." Those terms particularly applicable to storage serviceability standards are reprinted in appendix D along with terms not found elsewhere.

#### **1-5 Reporting of Publication Improvements.**

The reporting of errors, omissions, and recommendations for improving this publication should be submitted on DA Form 2028, Recommended Changes to Publications, and forwarded to: Commander, U.S. Army Communications and Electronics Command, ATTN: DRSEL-PA-PP/G. Cooper, Fort Monmouth, New Jersey 07703.

#### **1-6 References.**

The following is a list of references used to the extent indicated in this supply bulletin.

*Regulations*

AR 310-25	Dictionary of United States Terms
AR 700-15	Packaging of Materiel
AR 700-89	Identification, Control, and Utilization of Shelf-Life Items
AR 702-2	Depot Quality Data
AR 708-1	Cataloging and Supply Management Data
AR 725-50	Requisitioning, Receipt, and Issue System
AR 740-1	Storage and Supply Activity Operations
AR 740-3	Care of Supplies in Storage (COSIS)

*Publications*

DSAM 4155.5	(TB 740-10)
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*Standards*

MIL-STD-105	Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-109	Inspection Terms and Definitions
MIL-STD-129	Marking for Shipments and Storage
MIL-STD-726	Packaging Requirement Codes
FED-STD-356	Commercial Packaging of Supplies and Equipment

## SECTION II

## STORAGE SERVICEABILITY STANDARD APPLICATION INSTRUCTIONS

**2-1 Storage Serviceability Standard Requirement.**

This section and appendixes A and B of this supply bulletin provide the Storage Serviceability Standard requirements relative to CECOM managed materials in depot storage. Appendix A provides coded storage readiness requirements for each item. Included are: quality defect codes, inspection levels, acceptable quality levels, shelf-life codes per AR 700-89, inspection frequency codes, test required codes, preferred preservation and packaging codes, and preferred storage codes. Instructions for the interpretation and application of these coded requirements are provided in section 2-2 following. Appendix B provides supplementary instructions for performing the required test (TRC) where coded requirements per appendix A cannot adequately describe the acceptance criteria. Appendix B is applicable only to a given item, or generic group of items as indicated in appendix A. Section 2-2h of this section provides a more detailed description of the application and use of appendix B.

**2-2 Coded Requirements (Appendix A).**

This section provides information and instruction necessary for the interpretation and application of coded storage readiness requirements for individual items as given in appendix A of this bulletin.

a. *National Stock Number (NSN)*. The National number is the federally assigned stock number for the item or part of consideration, as listed in the Army Master Data File (AMDF). Separate appendix A sections are provided for each class of items (A-1 through A-96) with the Federal Supply Classification (FSC) prefix identified at the top of the National Stock Number column. Coding for the NSN is provided in six digits where the first four identify the FSC, and the next two identify the nation of manufacture (for NATO, RSI purposes) followed by seven digits which identify individual items.

b. *Item Name*. The Item Name as found in the AMDF provides a description of the item or part, and is limited to 21 characters.

c. *Quality Defect for Inspection (QDC)*. The Quality Defect for Inspection column defines potential storage-induced defects for specific materiel items. It should be noted that the assigned defect codes cover preservation, packaging, marking, and storage as well as materiel deficiencies. Cyclic inspections as described in the TRC column are performed to accept or reject materiel relative to the defects identified in this column. A three-digit code is used, where the first digit identifies the severity of the defect (critical is 0, major is 1, and minor is 2), the second digit identifies a general group of defects, and the third digit identifies a specific defect (e.g., major is 1, preservation is 2, and container damaged or deteriorated is 3). Complete definitions for quality defect codes applicable to the acceptance/rejection of materiel items inspected during the various depot inspection and testing phases (i.e., on receipt, scheduled cyclic, audit, and special inspections, etc.) are provided in appendix D, table D-3. Appendix B provides data sheets pertaining to each class of items for recording accept/reject decisions.

**2-1/2-2 (blank)**

Table 2-1 provides a modified list of materiel quality defects and severity levels that are of most concern during extended periods of storage and which formed the basis for assigning the coded accept/reject requirements for cyclic inspections. The required quality defects/severity level inspection codes for each materiel item found in appendix A were derived from this modified list. The individual defect/severity level codes were assigned in accordance with their potential impact on the readiness of the materiel items and based on factors of cost effectiveness and probability of occurrence. Other discrepancies that may be observed during cyclic inspection not covered by the preassigned QDC codes shall be classified in accordance to severity, recorded on the appropriate work sheet (see Figure 2-2), and taken into account when determining lot acceptance.

Table 2-1. Storage Induced Quality Defect Assignment Code Guideline (AR 740-3, Appendix B)

Second and Third Digit	Category	Severity Code (First Digit)		
		Critical	Major	Minor
02	Preservation Inadequate			2
13	Container Damaged or Deteriorated			2
23	Containers, Boxes, Crates, or Pallets Damaged or Deteriorated		1	2
33	Markings Illegible			2
40	Loose or Frozen Parts (out of adjustment)	0	1	2
41	Damaged Parts (cracked, chipped, torn)	0	1	2
45	Leakage (liquid)	0	1	2
48	Bonding Deterioration (soldering, welding, etc.)	0	1	2
50	Contamination (dirt, sludge, moisture, foreign matter)			2
51	Excessive Moisture (fungus, mildew, rot)			2
55	Shelf-life Data Exceeded	0		
62	Failed Test Requirements (failed supplementary test functional/visual)	0	1	2
86	Improper Storage Space		1	2
90	Corrosion, Stage 1 (or more)		1	2

It should be noted when classifying a defect which is not considered critical, major, or minor at the time of inspection but (due to inspector experience) is expected to become so prior to the next cyclic inspection, the defect shall be identified as such and considered as a cause for rejection and counted relative to the items' sampling plan criteria. However, defects of a trivial nature should not be considered as cause for rejection of a lot, unless some reduction in usability or function of items is expected prior to the next scheduled inspection. For example, nicks, dents, or scratches that do not break coatings or paint films are considered trivial deficiencies.

Items failing to meet the quality levels and sampling plan criteria stated for major and minor defects specified shall be rejected and classified to the appropriate condition code in accordance with AR 725-50.

**NOTE**

Items identified with one critical defect shall be rejected unless noted otherwise in the appropriate appendix B instructions.

The supply quality control inspector shall prepare the appropriate documentation in accordance with AR 740-3. The supply quality control inspector shall assure that the material or each container is marked to reflect the appropriate condition code. When the item is not in a container, the supply control inspector will prepare and affix a tag to the item to reflect the condition code and date of last inspection. The date of the last inspection is important especially when a shelf life item is being downgraded from condition code A to condition code B, or from condition code B to condition code C. Table 2-2 is to be used for shelf-life item condition codes and downgrading criteria. Table 2-2 as given herein is for reference only and all downgrading or changes to specific shelf-life condition codes shall be accomplished in accordance with the latest revision to AR 740-3

*Table 2-2. Shelf-Life Condition Codes  
(Ref. AR 740-3 Appendix B)*

Items	Condition Code	Indicating
Unexpired (serviceable), shelf-life remaining:		
More than 6 months	A	Unrestricted issue. Interservicing.
3 through 6 months	B	Restricted issue. Interservicing .
Less than 3 months	C	Priority issue. No interservicing.
Expired (age criteria only), type:		
I	H	Unserviceable (condemned).
II (Assembly containing shelf-life item)	F	Unserviceable (repairable).
(Extendible items requiring test/ restorative action)	J	Suspended (pending inventory manager action).



d. *Inspection Level (IL)*. The Inspection Level determines the relationship between item lot or batch size, and sample for inspection. The inspection level defined in this column shall be used in conjunction with the acceptable quality level defined in the Acceptable Quality Level (AQL) column to form the sampling plan. (The sampling plan provides accept/reject criteria for individual item inspections. Complete instructions for determination and use of sampling plans is found in MIL-STD-105). Table 2-3 (taken from MIL-STD-105) defines inspection levels per lot or batch size. It shall be used to identify sample sizes for line item groups being inspected, dependent on the inspection level assigned to the item in the IL column. Level S-2 is normally assigned to top assemblies (i.e., sets, and equipment). It reflects a trade-off between anticipated quantities in stock and cost effectiveness. For components, parts, and subassemblies inspection level S-3 is assigned.

Table 2-3. *Inspection Levels*  
(Ref. MIL-STD-105, Table 1)

Lot or Batch Size	Special Inspection Levels	
	S-2	S-3
2 to 8	A	A
9 to 15	A	A
16 to 25	A	B
26 to 50	B	B
51 to 90	B	C
91 to 150	B	C
151 to 280	C	D
281 to 500	C	D
501 to 1, 200	C	E
1, 201 to 3, 200	D	E
3, 201 to 10, 000	D	F
10, 001 to 35, 000	D	F
35, 001 to 150, 000	E	G
150, 001 to 500, 000	E	G
500, 001 and over	E	H

Samples for inspection are to be chosen such that each item in a given lot has an equal chance of being selected. Care must be taken such that the sample is not biased, and that the basic preservation, packaging, and packing (PP&P) of items is intact. That is, samples must not be specifically selected from the same position in a container, pallet, or stack, or from a single location; they must not appear discolored or defective. Further, if during the selection process an item's PP&P is found to be grossly inadequate due to rough handling, improper application, etc., the item shall not be chosen for cyclic inspection purposes, and instead reclassified to Condition Code J (see appendix D). In order to ensure unbiased selection of samples in large lots, the use of a table of random numbers as contained in Department of Defense (DOD) Handbook H53 is recommended.

The selection of representative samples for inspection is dependent on a given lot's homogeneity. However, to ensure practicality of storage inspections the lot sampled should be as large as possible. For this reason three lot types have been defined for use as follows:

(1) *Manufacturers Lot*--This lot consists of a group of items, belonging to a uniform, pre-established (by manufacturer) lot, batch, cure data, or control number. Further, as items are drawn from storage for field use, the remaining items may be considered as either a lot unto themselves, or as deemed appropriate a subplot to a grand or mixed lot.

(2) *Grand Lot*--This lot consists of a number of sub-lots which possess the following characteristics:

- (a) Identical stock number, class, type, model
- (b) Same manufacturer
- (c) Same period of manufacture
- (d) Comparable storage history
- (e) Identical packaging
- (f) No known significant difference in quality.

#### NOTE

The grand lot may be formed when complete analysis of all available data-including the conditions noted above and the technical judgment of the surveillance teams--indicates the homogeneity of deteriorative characteristics. The formation of a grand lot at a depot is only a paper transaction and does not require any rewarehousing or reworking of material. Where such grand lots are formed and sampled for inspection, reports of results must include a complete description of the grand lot composition in each case. If samples drawn from the grand lot indicate heterogeneity of sub-lots comprising the grand lot, the lot will be terminated, and manufacturer's lot sampling substituted.

(3) *Mixed Lot*--The mixed lot consists of one or more lots whose identification by manufacturer or lot number has been lost, and relationship to other lots cannot be determined. An example of this is depot rollback, or repacks of preserved materials. Several mixed lots may be grouped into grand lots if inspection data indicate that the lots possess similar deteriorative characteristics.

*e. Acceptable Quality Level (AQL).* The Acceptable Quality Level (Storage Quality Level) is the maximum percent defective (or the maximum number of defects per hundred units) that, for purposes of sampling inspection, can be considered satisfactory. Table 2-4 (taken from MIL-STD-105) provides specific accept/reject criteria for designated sample size and acceptable quality levels.

*f. Shelf Life (SLC).* The Shelf Life column contains a code describing the particular deterioration characteristics versus time for an item of consideration. Specific definitions for the codes listed in this column are per AR 700-89 and are defined in Table 2-5. Appendix C gives a separate listing of items identified with specific shelf-life codes for CECOM materiel.

Table 2-4. Single Sample Plans for Reduced Inspection  
(Ref. MIL-STD-105, Table II-C)

Sample size code letter	Sample size	Acceptable Quality Levels (reduced inspection)†																											
		0.010	0.015	0.025	0.040	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	100	150	250	400	650	1000		
		Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re
A	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
B	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
C	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
D	3	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
E	5	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
F	8	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
G	13	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
H	20	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
J	32	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
K	50	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
L	80	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
M	125	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
N	200	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
P	315	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
Q	500	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
R	800	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	

- ⬇ = Use first sampling plan below arrow. If sample size equals or exceeds lot or batch size, do 100 percent inspection.
- ⬆ = Use first sampling plan above arrow.
- Ac = Acceptance number.
- Re = Rejection number.
- † = If the acceptance number has been exceeded, but the rejection number has not been reached, accept the lot, but reinstate normal inspection.

Table 2-5. Shelf-Life Codes  
(Ref. AR 700-89)\*

Shelf-Life Period	Type I (nonextendable)	Type II (extendable)
Non-deteriorative	0	Ø
1 month	A	
2 months	B	
3 months	C	1
4 months	D	
5 months	E	
6 months	F	2
9 months	G	3
12 months	H	4
15 months	J	
18 months	K	5
21 months	L	
24 months	M	6
27 months	N	
30 months	P	
36 months	Q	7
48 months	R	8
60 months	S	9

\* Military essential and medical items with shelf-life of greater than 60 months (5 years) will be assigned shelf-life code X as outlined in paragraph 4f of AR 700-89.

The shelf-life codes are also used as the basis to determine the condition of a shelf-life item in terms of time remaining, and thus to downgrade if necessary (see Table 2-2, Par. 2-2c). For example, if the specified storage period for a type I shelf-life item has expired, it shall be reclassified to Condition Code H; if the specified storage period for a type II shelf-life item has expired, designated (by supply bulletin, or responsible depot personnel) restorative, test, or inspection actions must be performed to return the item to an acceptable level of readiness. Upon completion of such actions, the item shall be reclassified and returned to storage.

*g. Inspection Frequency (IFC).*

(1) The inspection Frequency column contains a code defining the elapsed time between cyclic inspections. Definitions for these codes are given in table 2-6.

Table 2-6. Inspection Frequency Codes

Code	Frequency (Months)
1	6
2	12
3	24
4	30
5	60
6	No Test

It must be noted that this code reflects an inspection time period based upon the preferred storage environment, and PP&P materiel and methods given in the PPC and TSC columns, respectively (see also paragraphs 2-2i and 2-2j). However, when individual depot constraints are such that the actual PP&P and storage environment differ from that given in the PPC and TSC columns, adjustments to the time period must be made.

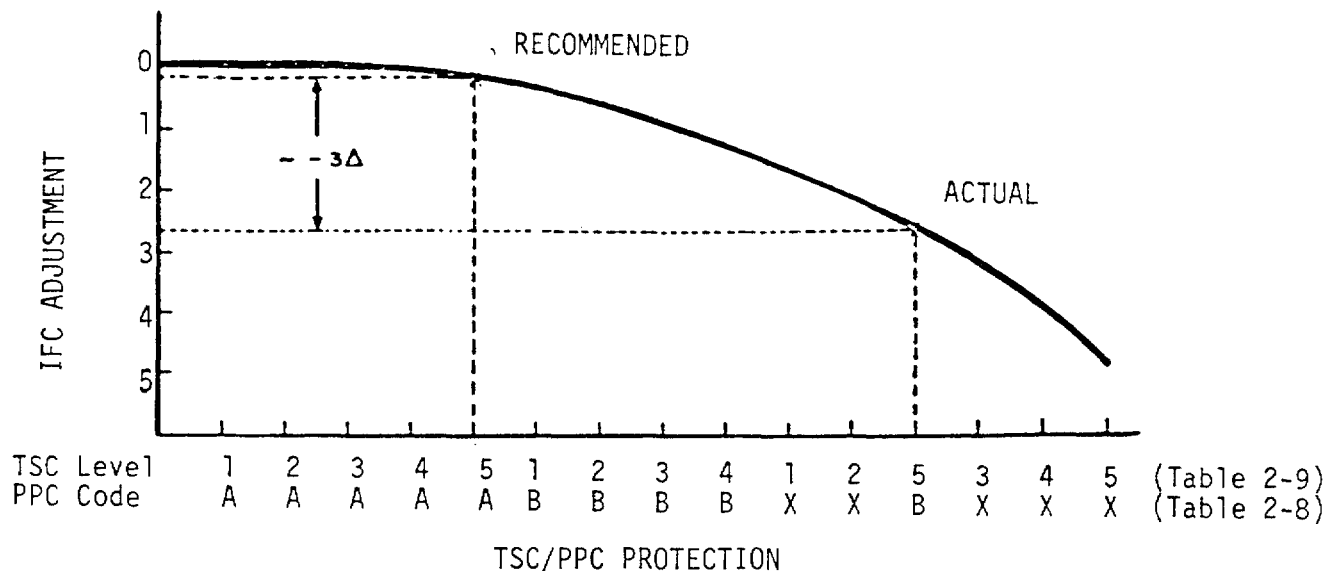


Figure 2-1. Inspection Frequency Adjustment

(2) A Curve Depicting Frequency Adjustments is Given in Figure 2-1.

Application of this curve to an item is illustrated by the following example. Assume for a given item that the TSC and PPC columns of appendix A indicate TSC (Level 5), PPC (Code A), and an IFC of 4 (30 months). Next, assume that the actual TSC and PPC is (Level 5) (Code B). By drawing a line up from TSC/PPC 5A and 5B, to intersect the curve and then across from the points to the IFC adjustment, as illustrated, an approximate net change of -3 is obtained. Then 3 must be subtracted from 4 to yield a new inspection frequency code of 1 (6 months). It should be noted that when actual TSC/PPC protection is less than recommended, the IFC adjustment will be minus, indicating less protection and more frequent inspection. Conversely, if the TSC and PPC columns of appendix A indicated Level 5, Code B with an IFC of 1,

and the actual TSC/PPC is Level 5, Code A, the net change would be +3, and the new IFC would be 4. It must be noted that when applying this curve some approximations will be necessary (as indicated in the example) to yield round numbers as the IFC adjustment is being performed on codes. Also, for some items certain changes of protection will yield a code greater than 6, or less than 1. In such cases, the new inspection frequency code shall be limited to those bounds.

h. *Test Required (TRC)*. The Test Required column contains a code describing the method by which an item is to be inspected. Specific codes used in identifying these inspection methods are given in table 2-7.

Table 2-7. Test Required Codes

Code	Inspection or Test
91V	Visual (per coded requirements)
001	Special test equipment information (as indicated in appendix B)
002, 003, etc.	Supplementary (functional, visual as indicated in appendix B pertaining to each class of material)

In most cases, the test required shall consist of a visual examination (91V). Visual inspections are formulated to assure with minimum effort the readiness of a given item or component for use. Further, appendix A (QDC) column identifies all criteria necessary to the performance of these inspections. For this reason the visual inspection is limited to surface examinations for defects of a gross and easily identifiable nature. In other cases, further inspection is required. In these cases attention is directed to appendix B of this Supply Bulletin. Appendix B provides supplementary requirements, instructions and/or clarification of the appendix A coded requirements. Typically, such instructions might consist of sampling, storage, handling, and data reporting. Appendix B may also be called out when a detailed, step-by-step inspection procedure is required.

i. *Preservation Packing (PPC)*. The Preservation Packing column contains a code describing the preferred level and/or most cost-effective level of protection for each item. These codes are identified in table 2-8. The packaging codes listed in the PPC column of appendix A are not prescriptive; they are used, however, to set the inspection frequency (IFC). If material is placed in storage at a level other than that indicated in the standard, the inspection frequency may be adjusted (unless restricted by appendix A) as described in paragraph 2-2g. After an item has been inspected and accepted, the packaging/preservation is to be restored to its pre-inspection level. Further, the date of repackaging, as well as the date of original packaging, shall be stamped on the package.

Table 2-8. Preservation Packing Code

Code	Level of Protection
A	Maximum military protection
B	Minimum military protection
X	Commercial

j. *Type Storage (TSC)*. The Type Storage column contains an alpha or numeric code indicating the preferred or most cost-effective storage condition. These codes are defined in table 2-9, and are listed by decreasing level of protection (i.e., most first, least last). The storage codes listed in the TSC column of appendix A, like the packaging codes, are not prescriptive--they are required to set the inspection frequency. If material is stored in an environment other than that described in the TSC column, the inspection frequency shall be adjusted as detailed in paragraph 2-2g. Further, special storage requirements for individual items will be provided in section II of the individual Supply Bulletin.

Table 2-9. Type of Storage Codes

Level	Code	Type of Storage (Reference Only)*
1	C	Controlled humidity warehouse space
	T	Controlled humidity non warehouse space
	E	Chill warehouse space
	F	Freeze warehouse space
	D	Flammable warehouse space
	Q	Hazardous commodity space (nonclass V items, e.g., acids, compressed gases, radioactive, etc.) ,a
2	X	Special Storage at 35 F $\pm$ 2 F
	A	Heated warehouse space
3	B	Unheated warehouse space
4	G	Shed, nonwarehouse space
	U	Other non warehouse space
5	M	Wet storage space
	0	Open, concrete, improved space
	2	Open, blacktop, improved space
	4	Open, crushed stone, improved space
	6	Open, gravel, improved space
	8	Open, unimproved space

\* Refer to AR 708-1 for actual TSC codes.

**2-3 Quality Data Recording and Feedback.**

Results of coded cyclic inspections (appendix A) shall be recorded on data sheets depicted in figure 2-2. Results of supplementary inspections shall be recorded on the data sheets provided in the reference technical manuals and/or as given in appendix B. All DARCOM depots CONUS and OCONUS will analyze results of cyclic inspections and notify CECOM (ATTN: DRSEL-PA) of Storage Serviceability Standard requirements found to be inadequate. Quality defect codes listed in AR 740-3, appendix B and applicable forms will be used to report inspection findings.



Sheet \_\_\_ of \_\_\_

STORAGE SERVICEABILITY STANDARDS TEST DATA SHEET

To: Cdr, CFCOM, ATTN: DRSEL-PA-E(SSS), Ft. Monmouth, NJ 07703

From: \_\_\_\_\_ Contract No: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_

NSN: \_\_\_\_\_ Serial No: \_\_\_\_\_

INSPECTION TABLE A

QUALITY DEFECT CODE				ACCEPT	REJECT
DESCRIPTION	SEVERITY				
	0	1	2		
02					
13					
23					
30					
40					
41					
45					
48					
50					
51					
55					
62					
86					
90					

Storage Location: \_\_\_\_\_ Inspection Level: \_\_\_\_\_ AQL Major: \_\_\_\_\_ AQL Minor: \_\_\_\_\_

Lot Size: \_\_\_\_\_ Sample Size: \_\_\_\_\_ No. of Rejects: \_\_\_\_\_

Lot Accepted \_\_\_\_\_ Lot Rejected \_\_\_\_\_

	SIGNATURE	DATE	SYMBOL	AUTOVON
TESTER				
INSPECTOR				

Figure 2-2. Storage Serviceability Test Data Sheet.

**APPENDIX A****CODED STORAGE REQUIREMENTS**

Cyclic inspections shall be performed in accordance with the coded storage requirements and criteria specified in this appendix. Specific instructions for the interpretation and application of these requirements were provided in section II of this Supply Bulletin. It should be emphasized that the inspection frequency for the materiel items listed are based on the preferred level of protection as given in the preservation packing (PPC) and type storage (TSC) of the coded SSS form included in this appendix. If the actual protection levels vary (from the preferred), the inspection frequency, unless otherwise stated in the instructions for the individual materiel FSC classes, shall be adjusted in accordance with the instructions of paragraph 2.2.g, section II of this Supply Bulletin. This adjustment in the period of inspection allows depot flexibility relative to stock demand, available space, etc. Although adjustments for the period of inspection are allowed, adherence to the preservation packing and type storage is encouraged.

It should also be emphasized that prior to inspecting for actual material defects and severity levels (per the assigned quality code defect requirements, such as severely loose or frozen parts--040, major damaged parts--141, minor bonding deterioration--248, etc., as designated per appendix A ), preservation, packaging, and packing (PP&P), markings and storage methods shall first be checked for discrepancies (per the assigned coded requirements such as inadequate preservation--202, inner packing or container/deteriorated--213, major damage to outer container--223, illegible markings--230, shelf life date exceeded--055, improper storage space--286, etc., as designated per appendix A). If the PP&P, markings and storage are found to be inadequate, the materiel items shall be reclassified to the appropriate condition code. Reclassification back to a serviceable condition requires inspecting the items for damage, deteriorative effects, etc., that may have resulted from the inadequate PP&P methods. If the inspection shows the item to be in an acceptable condition, it shall be repackaged to its original level.

On certain materiel items special inspections shall be performed. Special inspections are those inspections which cannot be planned or forecast and are generally a result of an adverse change in storage condition (see paragraph 1.3, section I).

Included in this Supply Bulletin appendix A are separate appendixes (A-1 through A-96) that provide the coded storage requirements for CECOM items in depot storage which have been evaluated and determined to be storage sensitive, critical to personnel safety, or of a highly deteriorative nature to the degree of requiring cyclic inspections for the assurance of materiel item readiness.

The coded information provided in the appendixes applies to materiel items requiring cyclic inspection which are managed by CECOM as identified by the (AMCA) Class Manager Activity Code (B16) in the Fixed Header of the Army Master Code File (AMDF). Included are materiel items within the Federal Stock Classes (FSC) listed in table A-1. Table A-1 cross-references the FSC class to the applicable appendix A (and B) sections.

Table A-1. CECOM Commodity Materiel Index

Appendix	A	(B)	FSC Class	FSC Title
	A-1		0297	Depot Reported Stock Number (see note 1)
	A-2		1015	Guns, 75 mm through 125 mm
	A-3		1220	Fire Control Computing Sights and Devices
	A-4	(B)	1290	Miscellaneous Fire Control Equipment
	A-5		1680	Miscellaneous Aircraft Accessories and Components
	A-6		2330	Trailers
	A-7		2540	Vehicular Furniture and Accessories
	A-8		3010	Torque Converters and Speed Changers
	A-9		3020	Gears, Pulleys, Sprockets and Transmission Chain
	A-10		3030	Belting, Drive Belts, Fan Belts and Accessories
	A-11		3439	Miscellaneous Welding, Soldering, and Brazing Supplies and Accessories
	A-12		4020	Fiber Rope, Cordage and Twine
	A-13		4140	Fans, Air Circulators, Blower Equipment
	A-14		4720	Hose and Tubing, Flexible
	A-15		4730	Fittings and Specialties, Hoses, Pipe and Tube
	A-16	(B)	4920	Aircraft Maintenance and Repair Shop Specialized Equipment
	A-17	(B)	4940	Miscellaneous Maintenance and Repair Shop Specialized Equipment
	A-18		5180	Sets, Kits, and Outfits of Hand Tools
	A-19		5305	Screws
	A-20		5310	Nuts and Washers
	A-21		5330	Packing and Gasket Materials
	A-22		5340	Miscellaneous Hardware
	A-23		5410	Prefabricated and Portable Buildings
	A-24		5411	Rigid Wall Shelters
	A-25	(B)	5805	Telephone and Telegraph Equipment
	A-26	(B)	5815	Teletype and Facsimile Equipment
	A-27	(B)	5820	Radio and Television Communication Equipment, Except Airborne
	A-28	(B)	5821	Radio and Television Communication Equipment, Airborne
	A-29	(B)	5825	Radio Navigation Equipment, Except Airborne

Table A-1. CECOM Commodity materiel Index--Continued

Appendix	A	(B)	FSC Class	FSC Title
	A-30	(B)	5826	Radio Navigation Equipment, Airborne
	A-31	(B)	5830	Intercommunication and Public Address Systems, Except Airborne
	A-32		5835	Sound Recording and Reproducing Equipment
	A-33	(B)	5840	Radar Equipment, Except Airborne
	A-34	(B)	5841	Radar Equipment, Airborne
	A-35	(B)	5845	Underwater Sound Equipment
	A-36	(B)	5850	Visible and Invisible Light Communication Equipment
	A-37	(B)	5855	Night Vision Equipment, Emitted and Reflected Radiation
	A-38	(B)	5860	Stimulated Coherent Radiation Devices, Components and Accessories
	A-39	(B)	5865	Electronic Countermeasures, Counter-Countermeasures and Quick Reaction Capability Equipment
	A-40	(B)	5895	Miscellaneous Communication Equipment (less ECM, ECCM and QRC)
	A-41	(B)	5905	Resistors
	A-42	(B)	5915	Filters and Networks
	A-43	(B)	5930	Switches
	A-44	(B)	5935	Connectors, Electrical
	A-45	(B)	5945	Relays and Solenoids
	A-46	(B)	5950	Coils and Transformers
	A-47	(B)	5955	Piezoelectric Crystals
	A-48	(B)	5960	Electron Tubes and Associated Hardware
	A-49	(B)	5962	Microcircuits, Electronic
	A-50	(B)	5965	Headsets, Handsets, Microphones and Speakers
	A-51		5975	Electrical Hardware and Supplies
	A-52	(B)	5985	Antennas, Wave guides, and Related Equipment
	A-53		5990	Synchros and Resolvers
	A-54	(B)	5995	Cable, Cord and Wire Assemblies: Communication Equipment
	A-55	(B)	5999	Miscellaneous Electrical and Electronic Components
	A-56		6024	Depot Reported Stock Number (see note 1)

Table A-1. CECOM Commodity Materiel Index--Continued

Appendix	A	(B)	FSC Class	FSC Title
	A-57		6045	Depot Reported Stock Number (see note 1)
	A-58	(B)	6105	Motors, Electrical
	A-59	(B)	6110	Electrical Control Equipment
	A-60	(B)	6125	Converters, Electrical, Rotating
	A-61	(B)	6130	Converters, Electrical, Nonrotating
	A-62	(B)	6135	Batteries, Primary
	A-63		6140	Batteries, Secondary
	A-64	(B)	6145	Wire and Cable, Electrical
	A-65		6230	Electric Portable and Hand Lighting Equipment
	A-66		6244	Depot Reported Stock Number (see note 1)
	A-67	(B)	6350	Miscellaneous Alarm and Signal Systems
	A-68		6605	Navigational Instruments
	A-69	(B)	6615	Automatic Pilot Mechanism and Airborne Gyro Components
	A-70	(B)	6625	Electrical and Electronic Properties Measuring and Testing Instruments
	A-71		6630	Chemical Analysis Instruments
	A-72		6645	Time Measuring Instruments
	A-73	(B)	6660	Meteorological Instruments and Apparatus
	A-74	(B)	6665	Hazard-Detecting Instruments and Apparatus
	A-75	(B)	6680	Liquid and Gas Flow, Liquid Level, and Mechanical Motion Measuring Instruments
	A-76	(B)	6685	Pressure, Temperature, and Humidity Measuring and Controlling Instruments
	A-77	(B)	6695	Combination and Miscellaneous Instruments
	A-78		6720	Cameras, Still Picture
	A-79		6740	Photographic Developing and Finishing Equipment
	A-80		6750	Photographic Supplies
	A-81		6760	Photographic Equipment and Accessories
	A-82		6780	Photographic Sets, Kits and Outfits
	A-83		6810	Chemicals
	A-84	(B)	6930	Operational Training Devices
	A-85	(B)	6940	Communication Training Devices
	A-86	(B)	7010	ADPE Configuration

Table A-1. CECOM Commodity Materiel Index--Continued

Appendix A (B)	FSC Class	FSC Title
A-87	7021	ADP Central Processing Unit (CPU, Computer), Digital
A-88 (B)	7025	ADP Input/Output and Storage Devices
A-89 (B)	7030	ADP Software
A-90 (B)	7035	ADP Accessorial Equipment
A-91	7040	Punched Card Equipment
A-92	7045	ADP Supplies and Support Equipment
A-93	7050	ADP Components
A-94	7440	Group Control Materiel
A-95	9330	Plastics Fabricated Materials
A-96	9999	Miscellaneous Items

1Within these classes are items identified (for stockkeeping reasons) as depot reported stock number/mar orphans materiel (referenced AMDF), and are included herein only as a convenient/total listing of all CECOM materiel requiring storage serviceability standards. No inspection is required at this time for these items. Further identification will be provided in revision to this Supply Bulletin.

**APPENDIX A-1 DEPOT REPORTED STOCK NUMBER  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP. LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL) MAJOR MINOR	SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
<u>0297-23</u>  IOA-5164 10A-5176 10A-5177 IOA-5178 IOA-5195 10A-5198	DEP REPORTED STK-NO DEP REPORTED STK-NO DEP REPORTED STK-NO DEP REPORTED STK-NO DEP REPORTED STK-NO DEP REPORTED STK-NO	See note 1, table A-1			1 1 1 1 1 1				

**APPENDIX A-2 GUNS, 75 mm THROUGH 125 mm  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>1015-01</u>										
024-9643	Monitoring Kit Sim.	141,190,202,230,241,250,251,290	S3	4.0	6.5.	0	5	91V	A	B
024-9644	Monitoring Kit Sim.	141,190,202,230,241,250,251,290	S3	4.0	6.5	0	5	91V	A	B



**APPENDIX A-3 FIRE CONTROL COMPUTING SIGHTS AND DEVICES  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
1220-00 922-8346	Removal Tool	202,213,223,241,250,251,190,290	S3	4.0	6.5	0	6	91V	A	B

**APPENDIX A-4 MISCELLANEOUS FIRE CONTROL EQUIPMENT  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>1290-00</u> 937-1037	Sound Ranging Set	125,140,141,14S,162,186,190,213,223,250,251,290	S2	2.5	4.0	0	3	102	A	A
<u>1290-01</u> 007-2452	Recorder, Signal Dat	125,140.141,148,1S6,190,213,225,230,,251,290	S2	2.5	4.0	0	3	91V	A	A
032-1348	Relay Assembly	125,140,141,148,186,190,213,225,,230,250,251,290	S3	4.0	6.5	0	5	91V	A	A
032-5638	Oscillator	125,140,141,148,186,190,213,225,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A

**APPENDIX A-5 MISCELLANEOUS AIRCRAFT ACCESSORIES AND COMPONENTS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVA TION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>1680-00</u>  753-3970	Actuator, Electro-Me	125,140,141,148,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	6	91V	A	A

**APPENDIX A-6 TRAILERS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>2330-01</u>										
005-0004	Semitrailer, Mainten	140,141,148,186,190,202,230,240,250,251,290	S2	2.5	4.0	0	5	91V	A	B
055-0005	Semitrailer, Mainten	140,141,148,186,]90,202,230,240,250,251,290	S2	2.5	4.0	0	5	91V	A	B

**APPENDIX A-7 VEHICULAR FURNITURE AND ACCESSORIES  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
2540-01 005-5490	Shock Absorber, Dire	123,140,141,145,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	6	91V	A	A

**APPENDIX A-8 TORQUE CONVERTERS AND SPEED CHANGERS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVA TION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
3010-00  640-4786	Coupling, Shaft Rigid	123,141,145,155,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	P	4	91V	X	B

**APPENDIX A-9 GEARS, PULLEYS, SPROCKETS, AND TRANSMISSION CHAIN  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
3020-00 285-5037	Gear, Spur	123,140,141,145,155,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	A	1	91V	x	B

**APPENDIX A-10 BELTING, DRIVE BELTS, FAN BELTS, AND ACCESSORIES  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
3030-01										
070-9109 250,251	Belt, Position Drive	123,130,141,155,186,202,213,223,	S3	4.0	6.5	S	5	91V	x	B
070-9110 250,251	Belt, Position Drive	123,130,141,155,186,202,213,223,	s3	4.0	6.5	S	5	91V	x	B



**APPENDIX A-ii MISCELLANEOUS WELDING, SOLDERING, AND BRAZING SUPPLIES AND ACCESSORIES  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>3439-00</u> 004-0915	Soldering, Gun Elect	190,151,186,202,213,230,241,251	90 S3	4.0	6.5	0	6	91V	A	A

**APPENDIX A-12 FIBER ROPE, CORDAGE, AND TWINE.  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVA TION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
4020-01  014-4177	Rope Assembly	202,213,250,251	S3	4.0	6.5	0	6	91V	A	B

**APPENDIX A-13 FANS, AIR CIRCULATORS, AND BLOWER EQUIPMENT  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>4140-01</u> 060-6528	Fan, Vane Axial	123,140,141,148,186,190,202,213,	S3	4.0	6.5	0	5	91V	x	z
060-6529	Fan, Ventilating	230,250,251,290 123,140,141,148,186,190,202,213, 230,50,251,290	S3	4.0	6.5	0	5	91V	x	z

**APPENDIX A-14 HOSE AND TUBING, FLEXIBLE  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
4720-01 035-6686	Tubing, Nonmetallic	202,230,250,251	S3	4.0	6.5	G	1	91V	X	B

**APPENDIX A-15 FITTINGS AND SPECIALTIES, HOSES, PIPE, AND TUBE  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
4730-00 425-6055	Torque Tube Offset	123,140,141,148,186,190,262,213,223,230,250,251,290	s3	4.0	6.5	0	r,	91V	A	B

**APPENDIX A-16 AIRCRAFT MAINTENANCE AND REPAIR SHOP SPECIALIZED EQUIPMENT  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>4920-00</u>										
133-7834	Test Set, Stabilize	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	002	A	A
4920-01 059-3060	Circuit Card Assembly 141	148,162,186,190,202,213,230,240,240,248,250,251,290	S2	2.5	4.0	0	3	003	x	A
059-3061	Circuit Card Assembly 141	148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	003	x	A
059-3062	Circuit Card Assembly 141	148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	003	x	A
059-3063	Circuit Card Assembly 141	148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	003	x	A
062-7628	Circuit Card Assembly 141	148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	003	x	A

**APPENDIX A-17 MISCELLANEOUS MAINTENANCE AND REPAIR SHOP SPECIALIZED EQUIPMENT  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>4940-00</u>										
177-6835	Electronic Shop Sem.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	002	A	A
234-6114	Electronic Shop Sem.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	003	A	B
435-7764	Electronic Shop	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	004	A	B
435-7765	Electronic Shop She.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	005	A	B
887-8726	Electronic Shop Tra.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	006	A	B
877-8730	Electronic Shop Sem.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	007	A	B
877-8731	Electronic Shop Tra.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	s3	2.5	4.0	0	4	008	A	B
912-3532	Electronic Shop She.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	009	A	B
965-0317	Electronic Shop Sem.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	n0o	A	B
<u>4940-01</u>										
018-2505	Electronic Shop Sem.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	011	A	Z
052-3773	Shop Equipment Batt.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	012	A	B
053-5534	Electronic Shop Sem.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	013	x	z
072-4449	Electronic Shop Sem.	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	014	x	z
082-8342	Maintenance Facility	140,141,148,162,186,190,202,213,230,240,241,248,250,251,290	S3	2.5	4.0	0	4	015	X	B

**APPENDIX A-18 SETS, KITS, AND OUTFITS OF HAND TOOLS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>5180-00</u> 912-3351	Tool Kit Electronic	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
<u>5180-01</u> 038-3701	Tool Kit Power Supp	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B



**APPENDIX A-19 SCREWS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
5305-00 165-1382	Screw, Cap Hexagon H	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B

**APPENDIX A-20 NUTS AND WASHERS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVA TION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
5310-01  015-1245	Washer, Flat	190,202,241,251,290	S3	4.0	6.5	R	4	91V	X	B

**APPENDIX A-21 PACKING AND GASKET MATERIALS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>5330-01</u>										
015-1236	Gasket	123,130,141,155,186,206,213,223,250,251	S3	4.0	6.5	R	4	91V	x	B
015-1237	Gasket	123,130,141,155,186,206,213,223,250,251	S3	4.0	6.5	R	4	91V	x	B
015-1238	Gasket	123,130,141,155,186,206,213,223,250,251	S3	4.0	6.5	R	4	91V	x	B
073-6141	Gasket	123,130,141,155,186,206,213,223,250,251	S3	4.0	6.5	7	4	91V	x	B

**APPENDIX A-22 MISCELLANEOUS HARDWARE  
SS5 REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>5340-00</u> 664-1355	Padlock	190,202,241,251,290	S3	4.0	6.5	e	6	91V	A	B
<u>5340-01</u> 048-0805	Slide, Drawer, Extens	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
048-9054	Slide, Drawer, Extens	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
049-1027	Slide, Drawer, Extens	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
072-8002	Strap	102,113,141,150,151,155,186,202	S3	4.0	6.5	9	5	91V	x	B
094-5433	Mount, Rubber	102,113,141,150,151,155,186,202	S3	4.0	6.5	H	2	91V	X	B
094-5434	Mount, Rubber	102,113,141,150,151,155,186,202	S3	4.0	6.5	H	2	91V	X	B

**APPENDIX A-23 PREFABRICATED AND PORTABLE BUILDINGS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>5410-00</u>										
771-3354 241,290	Repair Kit, Shelter	130,141,150,155,186,190,202,213,	S3	4.0	6.5	H	2	91V	x	B
793-2021 241,290	Repair Kit ELMK680G-	130,141,150,155,186,190,202,213,	S3	4.0	6.5	H	2	91V	x	B
G04-2436	Shelter, Electrical	140,141,148,150,155,190,241,290	S3	4.0	6.5	1	1	91V	X	B

**APPENDIX A-24 RIGID WALL SHELTERS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
5411-01										
009-4398	Shelter, Nonexpandab	140,141,148,190,202,240,241,250,251,290	S3	4.0	6.5	0	5	91V	A	B
040-9306	Shelter, Nonexpandab	140,141,148,190,202,240,241,250,251,290	S3	4.0	6.5	0	5	91V	A	B
040-9848	Shelter, Nonexpandab	140,141,148,190,202,240,241,250,251,290	S3	4.0	6.5	0	5	91V	A	B
101-4709	Shelter, Nonexpandab	140,141,148,190,202,240,241,250,251,290	S3	4.0	6.5	0	5	91V	A	B
101-9638	Shelter, Nonexpandab	140,141,148,190,202,240,241,250,251,290	S3	4.0	6.5	0	5	91V	A	B
101-9639	Shelter, Nonexpandab	140,141,148,190,202,240,241,250,251,290	S3	4.0	6.5	0	5	91V	A	B

**APPENDIX A-25 TELEPHONE AND TELEGRAPH EQUIPMENT  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>5805-00</u>										
010-5287	Terminal], Telegraph	125,140,141,145,162,186,190,202,213,223,230,290	S3	4.0	6.5	0	4	002	A	B
082-4255	Packing, Preformed	125,140,141,145,,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	6	91V	X	Z
089-6253	Terminal Set, Teleph	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S2	2.5	4.0	0	3	003	A	B
134-5405	Terminal, Telephone	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	4	004	A	B
155-5599	Terminal, Telephone	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	4	005	A	B
156-4368	Terminal, Telephone	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	4	006	A	B
167-7628	Central Office, Tele	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S2	2.5	4.0	0	3	007	A	A
167-7881	Panel, Patching, Comm	123,140,141,148,,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	6	91V	A	B
167-7882	Panel, Patching, Comm	123,140,141,148,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	6	91V	A	B
167-7982	Terminal, Telephone	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	4	008	A	B
168-1540	Telephone-Teletypew	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	4	022	A	B
168-1548	Center, Communication	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S2	2.5	4.0	0	3	023	A	B
186-0681	Central Office, Tele	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S2	2.5	4.0	0	3	009	A	B
204-2769	Amplifier, Intermedi	123,140,141,148,,186,190,202,213,230,240,250,251,290	s3	4.0	6.5	0	4	91V	A	A
213-2354	Multiplexer Set	123,140,141,148,162,186,190,202,	S2	2.5	4.0	0	3	024	A	B
213-2355	Modem Group	213,121,140,141,148,1186,100,202,211,230,,40,250,251,290	s3	4.0	6.5	0	4	91V	X	A
213-7113	Modulator, Frequency	13,1/40,141148, 186,100,102,213,230,230, 50 ,51,290	S3	4.0	6.5	0	4	91V	A	A

**APPENDIX A-25 TELEPHONE AND TELEGRAPH EQUIPMENT--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
5805-00 907-8300	Terminal, Telegraph	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	4	031	A	A
908-6398	Terminal, Telegraph	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	4	014	A	A
908-6400	Telephonexcentral 0	123,140,141,14S,162,186,190,202,213,223,230,240,250,251,290	S2	2.5	4.0	0	3	015	A	Z
926-0255	Central Office, Tele	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S2	2.5	4.0	0	3	016	A	A
935-8082	Central Office, Tele	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S2	2.5	4.0	0	3	017	A	B
937-3179	Central Office, Tele	123,140,141,148,162,186,190,202,213,23,230,240,250,251,290	S?	2.5	4.0	0	3	018	A	B
941-0871	Terminal, Telegraph	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	4	019	A	B
943-6762	Terminal, Telegraph	123,140,141,148,162,186,190,202,213,?93,230,240,250,251,290	S3	4.0	6.5	0	4	020	A	B
980-1449	Mar Orphan	See note 1, table A-11				0			x	z
039-3499	Telephone Set	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S2	2.5	4.0	0	3	032	A	A
5805-01 040-9653	Adapter, Tone Signal	123,140,141,148,,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	5	91V	A	A
063-1360	Trailer, Communica	140,141,148,162,186,190,202,230,230,241,250,251	S2	2.5	4.0	0	3	033	x	B
074-3348	Converter, Signal Da	123,140,141,148,,186,190,202,213,223,230,250,251,286	S3	4.0	6.5	0	4	91V	A	A
100-6284	Modification Tit	141,190,202,213,230,241,250,251,	S3	4.0	6.5	0	6	91V	A	A
290,100-6285	Modification Kit	141,190,202,213,230,241,250,251,	S3			0	6	91V	A	B
101-0583	Terminal, Telephone	123,140,141,148,162,186,190,202,213,230,250,251,290	S3	4.0	6.5	0	4	021	A	B
101-0635	Modification Kit	140,190,202,213,230,241,250,251,	S3	4.0	6.5	0	6	91V	A	B
148-6933	Telephone Set	123,140,141,148,162,186,190,202,213,230. 250, 251,290	S2	2.5	4.0	0	3	034	A	A



**APPENDIX A-25 TELEPHONE AND TELEGRAPH EQUIPMENT--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
5805-01										
257-3602	Switchboard, Telepho	123,140,141,148,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	6	91V	A	A
356-2661	Repeater, Telephone	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S2	2.5	4.0	0	4	010	A	A
411-8103	Terminal, Telegram	123,140,141,148,155,162,186,190,292,213,230,240,250,251,290	S3	4.0	6.5	5	4	025	A	A
430-8615	Network	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S2	2.5	4.0	0	3	026	A	A
503-1228	Carrier, System, Tele	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S2	2.5	4.0	0	2	027	A	A
<u>503-2616</u>	Signal Assembly, Swi	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	4	028	A	A
503-2660	Switchboard, Telepho	123,140,141,148,186,190,202,213,230,240,250,251,290	s3	4.0	6.5	0	6	91V	A	A
503-2775	Telephone Set	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S2	2.5	4.0	0	3	029	A	A
543-0012	Telephone Set	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S2	2.5	4.0	0	3	030	A	A
629-4567	Kit, Repair Parts	141,190,202,213,230,241,250,251,	S3	4.0	6.5	0	6	91V	A	B
715-6171	Switchboard, Telepho	123,140,141,148,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	6	91V	A	A
831-6063	Central Office, Tele	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S2	2.5	4.0	0	3	011	A	B
877-8741	Terminal, Telephone	123,140,141,148,162,186,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	4	012	A	B
902-3087	Terminal, Telegraph	23,140,141,148,162,186,190,202,230,240,250,251,790	S3	4.0	6.5	0	4	013	A	A

**APPENDIX A-26 TELETYPE AND FACSIMILE EQUIPMENT  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
5815-00 G01-0095	Reperforator, Telety	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	029	A	B
GO1-0096	Reperforator, Telety	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	030	A	13
GO1-0097	Reperforator, Telety	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	031	A	B
053-2020	Central Office, Tele	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	002	A	B
075-2740	Keyboard & Correc	123,140,141,148,155,186,190,202,213,223,230,240,250,251,291	S3	4.0	6.5	x	6	91V	A	A
084-4205	Radio Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	003	A	A
134-1339	Distributor Transmi	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S3	4.0	6.5	0	4	004	A	A
156-4365	Central Office, Tele	123,140,141,148,162,186,190,202,213,223,230,250,251,291	S2	2.5	4.0	0	3	005	A	B
167-7998	Radio Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	006	A	B
198-4438	Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S3	4.0	6.5	0	4	007	A	A
198-5963	Teletypewriter Set	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	008	A	A
215-3934	Panel,Patching, Comm	123,140,141,148,186,190,202,213,223,230,240,250,251,291	S3	4.0	6.5	0	6	91V	A	Z
224-8129	Radio Teletypewriter	123,14n,141,148,162,186,190,202,213,223,230,240,250,251,291	s2	2.5	4.0	0	3	009	A	A
224-8130	Radio Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	n0o	A	B
401-9719	Radio Teletypewriter	23,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	032	A	A
401-9720	Radio Teletypewriter	23,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	011	A	A
401-9723	Installation Harness	41,148,162,190,202,230,241,248,250,251	S3	4.0	6.5	0	4	033	A	A
402-5296	Teletypewriter	123,140,141,148,162,186,190,202,223,230,240,251,291	S3	4.0	6.5	0	4	012	A	A

APPENDIX A-26 TELETYPE AND FACSIMILE EQUIPMENT--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (INSI)	ITEM NAME (QDC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>58 15-00</u> 443-5511	Radio Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,25(),251,291	S2	2.5	4.0	0	3	013	A	A
503-2760	Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S3	4.0	6.5	0	4	014	A	A
503-3309	Teletypewriter Set	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	015	A	A
518-0398	Radio Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,201	S2	2.5	4.0	0	3	016	A	B
543-1760	Radio Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	017	A	A
553-6061	Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S3	4.0	6.5	0	4	018	A	A
709-0638	Radio Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	019	A	B
766-5076	Teletypewriter, Oper	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S3	4.0	6.5	0	4	020	A	B
766-5080	Teletypewriter, Term	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	021	A	A
766-5086	Central, Relay, Telet	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	022	A	B
923-2400	Teletypewriter Oper	123,14n,141,148,162,186,190,202,213,223,230,240,250,251,291	S3	4.0	6.5	0	4	023	A	B
926-0162	Central Office, Tele	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	024	A	B
937-5295	Radio Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	025	A	A
945-6606	Central Office, Tele	123,140,141,148,162,186,190,202,213,223,230,240,250,251,291	S2	2.5	4.0	0	3	026	A	B
<u>5815-01</u> 018-4196	Teletypewriter Set	123,1140,141,1z8,162,116,190,202,213,223,230,240,250,251,290	S2	2.5	4.0	0	3	027	x	A
068-6816	Teletypewriter	123,140,141,148,162,186,190,202,223,230,240,250,251,290	S3	4.0	6.5	0	4	034	x	A
102-5916	Radio Teletypewriter	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S2	2.5	4.0	0	3	028	A	B

APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D (IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
<u>5820-00</u>										
GO1-4474	Radio Terminal Set	123,140,141,148,162,186,190,202,213, 223,250,251,290	S2	2.5	4.0	0	3	055	A	B
G33-9953	Plate	113,155,190,202,241,251,290	S3	4.0	6.5	3	1	91V	A	B
006-1831	Radio Terminal Set	123,140,141,148,162,186,190,202,213, 223,250,251,290	S2	2.5	4.0	0	3	002	A	B
006-1832	Repeater Set, Radio	123,140,141,148,162,186,190,202,213 223,250,251,290	S2	2.5	4.0	0	3	003	A	B
056-6856	Coder-Burst Transmi	123,140,141,148,162,186,190,202,213 223,250,251,290	S3	4.0	6.5	0	4	004	A	B
064-5162	Kit	102,113,141,155,190,202,213,241,250 251,290	S3	4.0	6.5	F	1	91V	A	B
069-8912	Radio Terminal Set	123,140,141,148,162,186,190,202,213: 223,250,251,290	S2	2.5	6.5	0	3	005	A	B
069-8931	Receiving Set, Radio	123,140,141,148,162,186,190,202,213 223,250,251,290	S2	2.5	6.5	0	3	006	A	A
082-3629	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
082-4292	Receiver, Radio	123,140,141,148,162,186,190,202,213 223,250,251,290	S2	2.5	4.0	0	3	056	A	A
089-7358	Receiving Set, Radio	123,140,141,148,162,186,190,202,213 223,250,251,290	S2	2.5	4.0	0	3	007	A	B
104-0351	Radio Set	123,140,141,148,162,186,190,202,213, 250,251,290	S2	2.5	4.0	0	3	008	A	A
108-6295	Radio Terminal Set	123,140,141,148,162,186,190,202,213 223,250,251,290	S2	2.5	4.0	0	3	057	A	B
133-8841	Repeater Set, Radio	123,140,141,148,162,186,190,202,213 223,250,251,290	S2	2.5	4.0	0	3	009	A	B
133-8980	Transmitting Set, RA	123,140,141,148,162,186,190,202,213 223,250,251,290	S2	2.5	4.0	0	3	010	A	A
134-5958	Radio Set	123,140,141,148,162,186,190,202,213 223,250,251,290	S2	2.5	4.0	0	3	058	A	Z
140-0925	Modification Kit	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
143-4036	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
144-8090	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B

**APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5820-00										
148-6150	Repeater Set, Radio	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	011	A	B
148-8216	Console, Communicati	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	059	x	Z
148-8217	Repeater Set, Radio	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	060	x	A
148-8218	Duplexer	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	4	061	x	z
148-8220	Mute, Receiver, Switc	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	5	91V	x	A
155-8570	Radio Terminal Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	012	A	B
156-4461	Radio Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	062	x	A
165-2961	Repeater Set, Radio	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	013	A	A
167-7936	Radio Terminal Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	014	A	B
167-7999	Repeater Set, Radio	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	015	A	B
167-8006	Radio Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	3	063	x	A
167-8007	Radio Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	3	064	A	Z

**APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK-(TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5820-00										
168-1557	Radio Terminal Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	016	A	B
168-1561	Radio Terminal Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	017	A	B
168-1562	Radio Terminal Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	018	A	B
168-9544	Repeater Set, Radio	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	C1lg	A	B
177-1641	Radio Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	020	A	A
185-7216	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
185-7226	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
191-2133	Amplifier Subassemh	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	4	065	A	A
191-2134	Level Detector And	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	4	066	A	A
191-2141	Voltage Control Osc	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	4	067	A	A
193-0272	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
193-0292	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
193-0387	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
193-0458	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
193-0848	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
193-0920	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
193-0975	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A

APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5820-00 195-1001	Circuit Card Assemh	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
201-3654	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
201-3657	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
201-3659	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 24,1,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
201-3685	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
201-3700	Circuit Card Assemh	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
201-3771	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
201-3772	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
201-3774	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
201-8856	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
204-3004	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
207-9821	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	6.5	0	3	021	A	A
219-9991	Installation Kit, EI	141,190,202,213,230,241,250,251,291	S3	4.0	6.5	0	6	91V	A	B

APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCEIPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5820-00										
223-7411	Radio Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	3	022	A	A
223-7412	Radio Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	3	023	A	A
223-7413	Radio Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	3	024	A	A
223-7415	Radio Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	025	A	A
223-7417	Radio Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	026	A	A
223-7418	Radio Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	027	A	A
223-7433	Radio Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	028	A	A
223-7435	Radio Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	029	A	A
223-7467	Radio Set	123,140,141,148,162,185,190,202,213 223,230,25n,251,290	S2	2.5	4.0	0	3	030	A	A
223-7473	Radio Set	]23,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	031	A	A
223-7475	Radio Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	3	032	A	A
223-7548	Radio Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	033	A	A
239-4766	Amplifier, Radio Fre	123,140,141,148,162,186,190,202,213, ,223,230,250,251,290	S3	4.0	6.5	0	4	068	A	A
242-4130	Divider, Power, Radio	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	4	069	A	A
262-9608	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	4	021	A	A
279-2902	Power Supply	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	4	91V	x	A
299-0185	Power Supply	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	4	01V	A	A
355-8382	Installation Kit, EI	141,148,162,190,202,230,241,248,250, 251	S3	4.0	6.5	0	6	91V	A	B



APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCEIPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5820-00 399-7187	Installation Kit, EI	141,148,190,202,230,241,248,250, 251	S3	4.0	6.5	0	6	91V	A	B
399-7188	Installation Kit, EI	141,148,190,202,230,241,248,250, 251	S3	4.0	6.5	0	6	91V	A	B
401-9656	Accessory Kit Elect	141,148,190,202,230,241,248,250 251	S2	4.0	6.5	0	6	91V	A	B
401-9659	Installation Tiarnes	141,148,162,190,202,230,241,248,250, 251	S3	4.0	6.5	0	4	034	A	Z
402-2263	Radio Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	3	035	A	A
402-2264	Radio Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	3	036	A	A
432-2381	Installation Kit, EI	141,190,209,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-1868	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-1871	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-1872	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-1884	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-1888	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-1890	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-1891	Installation Kit, EI	141,190,202,213,230,241,250,251,290	s3	4.0	6.5	0	6	91V	A	B
437-2143	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-2151	Installation Kit, EI	141,190,202,213,230,241,250,251,290	s3	4.0	6.5	0	6	91V	A	B
437-2153	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-2159	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-2160	Installation Kit, E1	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-2162	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-2196	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-2208	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B

APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCEIPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5820-00										
437-2215	Installation Kit, EI	141,190,202,213,230,241,250,251,2100A	S3	4.0	6.5	0	6	91V	A	B
437-2216	Installation Kit, EI	141,190, 20 ,213,2 30,241, 250,251,290n	S3	4.0	6.5	0	6	91V	A	B
437-2217	Installation Kit, EI	141,1903,202,213,230,241,2513,251,290	5 3	4.0	6.5	0	6	91V	A	B
437-7220	Installation K'it, E1	141,190,202,213,230,241,050,051,290	S3	4.0	6.5	0	6	91V	A	B
437-2243	Installation Kit, EI	141,190,292,913,230,241,050,25],09(3 S3	4.n	6.5	¼	6	91V	A	B	
437-2244	Installation IK'it, E'1	141,190,202,213,230,241,250,95],290	S'3	4.0	6.5	0	6	91V	A	B
437-2248	Installation 1'it, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	f	6	91V	A	B
437-2257	Installation Kit, 1.1	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	¼	6	91V	A	B
437-2260	Installation Kit, 1EI	141,190,202,21'3,230,241,250,251,290	S3	4.0	6.5	0	o	91V7	A	B
437-2264	Installation Kit, EI	141,190,702,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-9979	Installation Kit, "I	141,19091,202,23,230,241 ,250,251,290	S3	4.0	6.5	0	6	91V	A	B
437-22'81	Installation K.it, E1	141,190,202,213,230,241,951,3'51i,991	S3	4.0	6.5	0	6	91V	A	B
437-2282	Installation K'it, EI	141,190,291') 213,230,241,250,251,290n	S3	4.0	6.5	0	6	91V	A	B
437-2292	Installation Fit, EI	141,190,202,2]3,2313,241,250,251,0913	S3	4.0	6.5	¼	o	91V	A	B
437-2295	Installation K-it, EI	1 4,1,90),202,213,2B0,24I,?50 951?9913	S3	4.0t	6.5	0	6	91V	A	B
437-2305	Installation Kit, EI	141,190291,32)13,230,241,'250,251,2901				0	6	91V	A	B
464-1616	1'adio Terminal Set	123,140,141,14\$,162,186,190,202,'13' S2 223,25(j,251,290	2.5	4.0	¼	3	037	A	B	
469-6688	Installation Kit, EI	140,190,202,213,230,241,250,251,2901	S?	4.0	6.5	0	6	91V		
492-8258	Installation Harnes	141,148,16,2,190,202,230,241,248,2,50-4	S3	4.0	6.5	0	4	034	A	B
492-8270	Installation Harries	141548190,202230, 241,24S 2-00 S3 251	4.0	6.5	0	4	c34	A	B	

APPENDIX A-27 RADIO AND TELEVISION COUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE MAJOR MINOR	SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK-(TSC)	TYPE STOR- AGE
5820-00 493-3035	Instal-lation llarnes	141,148,162,190,202,230,241,248, 250,251	S3	4.0 6.5	0	4	034	A	i.
493-3036	Installation llarnes	141,148,,]62,190,202,230,241,24P, 250,251]	S3	4.0 6.5	0	4	034	X	A
493-3037	Installation Harnes	141,148,162,190,202,230,241,248, 250, 251 1	S3	4.0 6.5	V)	4	034	A	Z
493-3040	Installation Harnes	141,148,162,190,202,230,241,248, 250,251	S3	4.0 6.5	0	4	n34	A	A
493-7489	Installation Tiarnes	141,148,162,19(),202,230,241,248, 250,251	S3	4.0 6.5	0	4	034	A	B
493-7490	Installation Harnes	141,148,162,190,202,230,241,248, 250,251	S3	4.0 6.5	0	/1	034	A	B
493-74Y3	Installation liariies	141,148,162,190,202,23(1,241,248, 250,251	S3	4,n 6.5	0, i0	)314	x	A	j
493-7494	Installation !larnes	141,148,162,190,?02,?'30,241,248, 250, 51	S3	/,,0 6.5	0	4	034	x	A
493-7513	Installation llarnes	141,148,162,190,92,293(1,24],248, 250,25	S'3	4,0 0.1	, (	4	34	A	i
493-7514	Installation ilarnes	141,148,162,190,202,230,241,248, 250,251	S3	4.0 6.5	0	4	034	A	A
493-7537	Accessory Kit Elec	141,190,202,213,230,241,250, 251, 290	S3	4.0 6.5	0	5	91V	A	B
494-6618	Installation Hlarnes	141,148,T62,110,202,230,241,?48, 250,251	S3	4.0 6.5	0	4	034	A	
494-6620	Installation llarnes	141,148,162,190,202,230,241,248, 250,251	S3	4.0 6.5	0	4	034	x	A
494-6623	Installation llarne-s	141,148,162,190,202,230,241,248, 250,251	S3	4.0 6.5	0	4	034	x	A
494-662-4	I-n,,tallation liarne.,	14]1,148,162,1 90,202,230,241,248, 250,251	S3	40 6.5	1	4	03 4	A	z
494-6625	Tlst-allation iiar(es	141,148,162,1L:0,202,230,241,948, 250,251	S3	14.0 .65	0	4	034	A	z
494-6622	Installati(-i, liarnes	141,148,162,190,202,23(,,241,248, 2'50 ,925	S3	4.0 6.5	0	4	034	x	A
494-6636	Installation llarnes	141,148,162,190,202,230,241,248, 250,251	S'3	4.0 6G.5	0	4	034	A	Z

APPENDIX A-27 RADIO AND TELEVISION COUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D (FC) (PPC)	PRESERVATION PACK-(TSC)	TYPE STORAGE
				MAJOR	MINOR					
5820-00 494-6638	Installation Harnes	141,148,162,190,202,230,241,248,250,251	S3	4.0	6.5	0	4	034	A	A
494-6639	Installation Harnes	141,148,162,190,202,230,241,248,250,251	S3	4.0	6.5	0	4	034	X	A
494-6641	Installation Harnes	141,148,162,190,202,230,241,248,250,251	S3	4.0	6.5	0	4	034	X	A
503-1134	Radio Set An/Frc	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	070	A	A
503-3428	Transmitter, Radio	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	038	A	A
543-1397	Control, Radio Set	123,140,141,148,,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	5	91V	A	A
567-0321	Convert, Frequency	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	B	1	071	A	A
624-2802	Receiver-Transmitte	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	p	3	072	A	A
681-9544	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
681-9939	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	d	6	91V	A	B
752-0310	Modification Kit	141,f55,190,202,213,230,241,250,251, S2 290	2.5	4.0	p	3	91V	A	A	
752-0852	Installation Kit, EI	141,190,202,213,240,241,250,251,290,162	S2	4.0	6.5	0	5	91V	A	8
762-4851	Installation Harnes	141,148,162,190,202,230,241,248,250,251	S3	4.0	6.5	0	4	034	A	B
762-4852	Installation Harnes	141,148,162,190,202,230,241,248,250,251	S3	4.0	6.5	0	4	034	A	Z
762-4853	Installation Harnes	141,148,162,190,202,230,241,248,250,251	S3	4.0	6.5	0	4	034	A	B
762-4854	Installation Harnes	141,148,162,190,202,230,241,248,250,251	S3	4.0	6.5	0	4	034	A	A
762-4855	Installation Harnes	141,148,162,190,202,230,241,248,250,251	S3	4.0	6.5	0	4	034	A	B

APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CB INUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE MAJOR MINOR	SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
5820-00 762-4856	Installation Harnes	141,148,162,190,202,230,241,248,250,251	S3	4.0 6.5	0	4	034	A	B
762-4870	Installation Harnes	141,148,162,190,202,230,241,248,250,251	S3	4.0 6.5	0	4	034	A	Z
762-4876	Installation flarnes	141,148,162,190,202,230,241,248,250,251	S3	4.0 6.5	0	4	034	A	Z
791-3365	Radio Terminal Set	123,140,141,148,162,186,190,202,213,223,230,251,290	S2	2.5 4.0	0	3	039	A	B
824-0831	Receiver, Radio	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5 4.0	0	3	f)73	A	A
824-0833	Amplifier-Converter	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0 6.5	0	4	074	A	A
827-6388	Receiver-Transmitte	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0 6.5	0	4	075	A	A
857-0759	Radio Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5 4.0	0	3	040	A	A
868-8211	Repeater Set, Radio	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5 4.0	0	3	041		
889-3884	Radio Periiiiinal Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5 4.0	0	3	042	A	A
889-3997	Radio Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	24.05 4.5		3	043	A	
892-0622	Receiver-Transmitte	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0 6.5	0	4	045	A	A
892-0623	Receiver-Transmiitte	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0 6.5	0	4	1045	A	A
892-0624	Receiver, Radio	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0 6	5	0	4	0)46 !A	A
'892-0749	Installation Kit, EI	141,148,190,202,230,241,248,250,251	S3	4.0 6.5	0	6	91V	A	B
892-0881	Radio Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5 4.0	0	3	047	A	A
892-3337	Control, Intercoiiimun	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0 6.5	0	5	91V	A	A

APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE MAJOR MINOR	SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
5820-00									
892-3339	Control, Intercommun	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0 6.5	5	91V			
892-3340	Control, Radio Set	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0 6.5	0	5	91V	A	A
892-3342	Amplifier, Audio Fre ,123,140,141,148,162,186,190,202, 213,223,230,250,251,290	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0 6.5	0	t 4	076	A	Ai
892-3852	Radio Set	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5 4.0	0	3	o48	A	A
908-6706	Receiver, Radio	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0 6.5	0	4	077	A	B
926-7233	Amplifier Radio	123,140,141,148,155,162,186,190, 202,213,223,23n,250,251 ,290	S3	4.0 6.5	1	1	078		
926-7274	Repeater Set, Radio	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5 4.0	0	1 3	049	A	B
930-3724	Radio Set	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5 4.0	0	3	050	A	A
935-0030	Radio Set	'123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5 4.0	0	3	051	A	A
935-4922	Installation Kit, EI	141,190,202,213,240,241,250,251,290	S3	4.0 6.5	0	6	91V	A	B
935-8164	Installation Kit, EI	141,190,202,213,240,241,250,251,290	S3	4.0 6.5		0	6	91V	AB
936-9946	Installation Hlarnes	141,190,202,213,240,241,250,251,290	S3	4.0 6.5	0	4	034	A	A
936-9948	Installation Harnes	141,148,162,190,202,230,241,248,250, 251	s3	4.0 6.5	0	4	034	A	Z
937-4745	Keyer,Frequency	141,148,190,202,230,241,248, (An/MSQ-74(V)1)250,251,162	S2	4.0 6.5	0	5	001	A	8
938-0217	Installation llarnes	141,148,162,190,202,230,241,248,250, 751	S3	4.0 6.5	0	4	034	A	Z

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APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D (IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5820-01 G14-6515	Circuit Card Assm	102,113,141,148,155,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	S	3	021	A	A
G14-6532	Circuit Card Assm	102,113,141,148,155,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	S	3	021	A	A
007-9393	Converter, Rf to DC	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	4	080	A	A
010-5051	Antenna Mast Assemb	123,140,141,148,186,190,202,213, S3 4.0 223,230,250,251,290	6.5	0	6	91V	X	Z		
012-8791	Modulator-Power Sup	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	4	081	A	A
024-4503	Coupler	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	5	91V	X	A
028-3385	Radio FM Packet	123,140,141,148,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	5	91V	A	A
028-3386	Repeater Packet	123,140,141,148,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	5	91V	A	A
034-3893	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
034-3894	Circuit Card Assemb	141,148,162,186,190,209,213,930,240, 241,248,250,251,290	S2	2.5	4.0	01	3	021	A	A
034-3895	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
034-3896	Circuit Card Assemh	141,148,162,186,190,202,213,230,240 , 241,248,250,251,290	S2	2.5	4.n	0	3	021	A	A
034-3897	Circcuit Card Assemh	141,148,162,186,190,20?,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
034-3898	Circuit Card Assemb	141,148,162,186,190,202,213,230,?40 241,248,250,251,990	S3	2.5	4.0	0 3	021	A	A	
034-3899	lircuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A



APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5820-01										
034-3900	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 S2 241,248,250,251,290	2.5	4.0	0	3	021	A	A	
035-3017	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
040-9389	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
040-9390	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
042-2526	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
042-2527	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
042-2528	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
042-2529	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
042-2530	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
043-7646	Modem, Digital Data	123,140,141,148,162,186,202,213,223, 230,240,250,251,290	SR	4.0	6.5	0	4	082	A	A

APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D (IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5820-01										
044-2702	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	4.0	0	3	021	A	A
045-2202	Restraint Assm	113,155,190,202,241,251,290	S3	4.0	6.5	S	3	91V	A	A
045-3440	Circuit Card Assemb	141,148,162,186,190,202,213,230 240,241,248,250,251,290	S2	2.5	4.0	0	3	023	A	A
046-4917	Circuit Card Assemb	141,148,155,162,186,190,202,213,230 240,241,248,250,251,290	S2	2.5	4.0	S	3	021	A	A
053-2554	Transmitter, Radio	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	083	A	A
053-2555	Receiver, Radio	141,148,162,186,190,202,213,230	S2	2.5	4.0	0	3	084	A	A
240,241,248,250,251,290										
053-6390	Amplifier-Frequency	123,140,141,148,162,186,190,202,213, ,230,250,251,290	S3	4.0	6.5	0	4	085	A	A
053-6391	Amplifier-Converter	123,140,141,148,162,186,190,202,213, ,230,250,251,290	S3	4.0	6.5	0	4	086	A	A
054-2994	Circuit Card Assem	141,148,155,162,186,190,202,213,230, ,241,248,250,251,290	S2	2.5	4.0	S	3	021	A	A
057-1841	Amplifier-Frequency	123,140,141,148,162,186,190,202,213, ,230,250,251,290	S3	4.0	6.5	0	4	087	A	A
057-6356	Modem, Digital Data	123,140,141,148,162,186,190,202,213, ,230,250,251,290	S3	4.0	6.5	0	4	o88	A	A
060-1613	Cable Cla-ping Kit	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	X	A
061-7029	Radio Set	123,140,141,148,162,186,190,202,213, 230,250,251,290	S2	2.5	4.0	0	3	089	A	A
064-1509	Drawer, Electrical E	141,190,202,213,230,241,251,290	S3	4.0	6.5	0	6	91V	A	A
064-1510	Drawer, Electrical E	141,190,202,213,230,241,251,290	S3	4.0	6.5	0	6	91V	A	A
064-1511	Drawer, Electrical E	141,190,202,213,230,241,251,290	S3	4.0	6.5	0	6	91V	A	A
069-1515	Drawer, Electrical E	141,190,202,213,230,241,251,290	S3	4.0	6.5	0	6	91V	A	A
077-4702	Console Communication	123,140,141,148,155,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	2	1	090	A	A
077-4703	Console Communication	123,140,141,148,155,162,186,190,202, 213,223,230,250,251,290	S3	2.5	4.0	2	1	091	A	A
098-2376	Modification Kit	141,190,202,213,230,241,251,290	S3	4.0	6.5	0	6	91V	X	A

APPENDIX A-27 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5820-01										
099-7798	Radio Set	123,140,141,148,162,186,190,202,213, S2 223,230,250,251,290	2.5	4.0	0	3	092	A	A	
103-7657	Tape Cassette Train	123,140,141,148,155, 213,223,230,250,251,290	186,190.202, S2	2.5	4.0	R	4	91V	A	A
<b>A-50</b>										

APPENDIX A-28 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, AIRBORNE  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE MAJOR MINOR	SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK-(TSC)	TYPE STOR- AGE
5821-00									
050-8168	Power Inverter Moun	123,140,141,148,186,190,202,213 223,230,250,251,2-90	S3	L.0 6.5	0	5	9]1	A	A
082-3927	Receiver-Transmitte	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5 4.0	0	3	002	A	A
094-5659	Receiver Radio	123,140,141,148,155,162,186,190,202 213,223,230,250,251,290	S3	4.0 6.5	1	1	009	A	A
34-5954	Radio Set Subassemb	123,140,141,148,186,190,202,213, 223,230,250,251,290	S3	4.0 6.5	0	5	91V	A	A
134-5955	Radio Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5 4.0	0	3	010	A	A
134-7003	Radio Set, cubassemb	123,140,141,148,186,190,202,213, 223,230,250,251,290	S3 4.0	0 5	91V	A	A		
456-5996	Radio Set Suhassemb	123,140,141,148,186,190,202,213 223,230,250,251,290	, S3	4.0 6.5	0	5	91V	A	A
456-5997	Radio Set Suhassemb	123,140,141,148,186,190,202,213 223,230,250,251,290	, S3	4.0 6.5	0	5	91V	A	A
682-3831	Receiver, Radio	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5 4.0	0	3	003	A	A
682-8832	Transmitter, Radio	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5 4.0	0	3	004	A	A
851-1096	Receiver-Transmitte	123,140,141,148,162,186,190,202,213, 223.230,250,251,290	S2	2.5 4.0	0	3	Oil	A	A
5821-01									
937-9614	Control, Radio Set	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0 6.5	0	5	91V	A	A
031-7217	Receiving Set, Radio	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5 4.0	0	3	005	A	Z
063-1915	Test Set, Flight I-in	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5 4.0	0	3	006	A	A
063-1917	Receiving Set, Radio	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5 4.0	0	3	007	A	A
070-5855	Power Supply	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0 6.5	0	4	012	X	A

APPENDIX A-28 RADIO AND TELEVISION COMMUNICATION EQUIPMENT, AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK-(TSC)	TYPE STOR-AGE
				MAJOR	MINOR					
5821-01										
071-5624	Radio Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	008	x	z
072-1351	Receiver, Radio	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	3	013	A	A
<b>A-52</b>										

**APPENDIX A-29 RADIO NAVIGATION EQUIPMENT, EXCEPT AIRBORNE  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5825-00										
014-0184	Receiver Group	123,140,141,148,162,186,190,202,213, 223,230,290	S2	2.5	4.0	0	3	002	A	A
410-9861	Installation Kit, EI	141,180,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	A
543-1513	Receiver Group	123,140,141,148,162,186,190,213,223, 230,250,251,290	S2	2.5	4.0	0 3	003	A	A	
5825-01										
060-2570	Radiac Training Set	123,140,141,148,162,186,190,213,223 , 230,250,251,290	S2	2.5	4.0	0	3	005	A	Z
060-2634	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, S2 241,248,250,251,290	2.5	4.0	0	3	004	A	Z	
060-2635	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	004	A	Z
060-2636	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	004	X	Z
060-6495	Amplifier Distribut	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	4	006	X	Z
060-6496	Moduleradiofreque	123,140,141,148,186,190,202,213 223,230,250,251,290	, S3	4.0	6.5	0	5	91V	X	Z
060-6497	Transport, Cassette	123,140,141,148,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	5	91V	X	z
060-6498	Interface Control	123,140,141,148,186,190,202,213 223,230,250,251,290	, S3	4.0	6.5	0	5	91V	X	Z
060-6511	Power Supply Assemb	123,140,141,148,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	5	91V	X	Z
060-6514	Power Supply Subass	123,140,141,148,86,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	5	'1Y	X	Z
060-6515	Power Supply Subass	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	5	91V	x	z
060-6516	Power Supply Subass	123,140,141,148,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	5	9ilJ	x	z
060-6517	Power Supply	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	4	0('7	X	z
060-6547	4odulator Suhassemh	123,140,141,148,186,190,202,213, 223,230,250,251,290	S3	4.0	6.5	0	5	9gl'	x	z
060-6549	Transmitter Radio	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	3	008	x	z

APPENDIX A-29 RADIO NAVIGATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE MAJOR MINOR	SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
060-6583	Circuit Card Assemb	141, 148,162, 186, 190,202,21 3, 230,24o, 241,248,250,251,290	S2	2.5 4.0	1	'3	004	X	Z
060-6585	Circuit Card Assernh	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 /4.0	11	33	004	X	Z
060-6586	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.o	0	33	004	x	z
060-6587	Circuit Card Assemh	141,148,162,186,190,202,213,'-30,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	X	Z
060-6588	Circuit Card AssemI)	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.0	11	3	004	X	Z
060-6589	Circuit Card Asseinb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	x	z
-060-6590	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	X	Z
060-6591	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	x	z
060-6592	Circuit Card Assemb	141,148,162,186, 190,2n2,213,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	x	z
060-6593	Circuit Card Assemb-	141, 148, 162, 186, 190,202,2 13,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	X	Z
060-6594	Circuit Card Assemh	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	X	Z
060-6595	Circuit Card Asselllb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	x	z
060-6596	Circuit Card Assomb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	X	Z
060-6597	Circuit Card Asseab	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	X	Z
060-6598	Circuit Card Assemb	t41,148,162,186,190,202 ,213 ,230,240, 541,248,25n,251,290	S2	2.5 4.0	0	3	004	X	Z
060-6599	Circuit Card Assemb	l41,148,162,186,190,202,213,230,240, S2 241,248,250,251,290	2.5	4.C 0	3	004	x	z	
060-6600	Zircuit Card Assemh	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	x	z
060-6601	circuit Card Assemh	-41,148,162,186,190,202,213,230,240, S2 141,248,250,251,290	2.5	4.0 0	3	004	x	z	
060-6602	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5 4.0	0	3	004	x	z

APPENDIX A-29 RADIO NAVIGATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE MAJOR MINOR	SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE \$TOR- AGE
5825-00									
060-6550	Receiver, Radio	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0 0	3	009	X	Z
060-6564	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	Z
060-6565	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6566	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6569	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6570	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6571	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	Z
060-6572	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6573	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6574	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6575	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	Z
060-6576	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
5825-01									
060-6577	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6578	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6579	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	Z
060-6580	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	z
060-6581	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6582	Circuit Card Assemh	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	Z



APPENDIX A-29 RADIO NAVIGATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE MAJOR MINOR	SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE \$TOR- AGE
825-01									
060-6604	Circuit Card Assemh	141,148,162,186,190,202,213,230,240, 241,248,250,251,200	S2	2.5	4.0 0	3	004	x	z
060-6605	Circuit Card Assemb	141,148,162,186,100,202,213,230,240, 24],248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6606	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6607	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6608	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
5825-01									
060-6609	Circuit Card Assemb	141,148,162,186,190,202,213,23n,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6610	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	Z
060-6611	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	Z
060-6612	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6613	Circuit Card Assemb	141,148,162,186,190,202,213,23n,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6614	Circuit Card Assemb	141,148,162,186,140,202,213,230,240 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	Z
060-6615	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	Z
060-6616	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 ?41,248,250,251,290	s2	2.5	4.0 0	3	004	x	z
060-6617	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 .241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6618	Circuit Card Assemh	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6619	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6620	Circuit Card Assemb	141,148,162,186,190,202,213,230,240 241,248,250,251,290	S2	2.5	4.0 0	3	004	x	z
060-6621	Circuit Card Assemh	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0 0	3	004	X	Z

APPENDIX A-29 RADIO NAVIGATION EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5825-01										
061-6907	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	004	X	Z
061-8931	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	004	x	z
061-8932	Circuit Card Assemb	141,148,162,186,190,202,213,230,240, 241,248,250,251,290	S2	2.5	4.0	0	3	004	x	z
070-4078	Electronic Componen	141,190,202,213,230,241,250,251,290 S3	4.0	6.5	0	4	91V	x	A	

APPENDIX A-30 RADIO NAVIGATION EQUIPMENT, AIRBORNE  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5826-00										
092-8681	Drive, Antenna	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
160-6537	Receiver-Transmitte	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	002	x	A
697-9880	Indicator, Course	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	o	4	91V	A	A
790-6426	Receiver, Radio	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	003	A	A
920-7107	Control, Radio Set	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	5	91V	A	A
5826-01										
063-6605	Distance Measuring	123,140,141,148,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	91V	X	A
066-8600	Receiver-Transmitte	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	005	A	A
070-4065	Receiver, Radio	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	6.5	0	3	004	x	A
076-4085	Support	155,190,202,241,251,290	S3	4.0	6.5	F	1	91V	A	B
076-4086	Support	155,190,202,241,251,290	S3	4.0	6.5	F	1	91V	A	B

APPENDIX A-31 INTERCOMMUNICATION AND PUBLIC ADDRESS SYSTEMS, EXCEPT AIRBORNE  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK-(TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5830-00										
402-5265	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
410-9865	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
410-9866	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
410-9867	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
489-8391	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
492-6089	Installation Harnes	141,148,162,190,202,230,241,248,250, 251	S3	4.0	6.5	0	4	002	A	Z
492-8249	Installation Harnes	141,148,162,190,202,230,241,248,250, 251	S3	4.0	6.5	0	4	002	A	A
492-8250	Installation Harnes	141,148,162,190,202,230,241,248,250, 251	S3	4.0	6.5	0	4	002	x	A
936-9133	Installation Harnes	141,148,162,190,202,230,241,248,250, 251	S3	4.0	6.5	0	4	002	x	A

APPENDIX A-32 SOUND RECORDING AND REPRODUCING EQUIPMENT  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5835-00										
G02-0610	Recorder Reproducer	123,140,141,148,186,190,202,213, 223,230,250,251,290	S2	2.5	4.0	0	4	91V	A	B

APPENDIX A-33 RADAR EQUIPMENT, EXCEPT AIRBORNE  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE MAJOR MINOR	SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
5840-00									
082-4128	Radar Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5 4.0	0	3	002	A	B
168-1565	Radar Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	-S2	2.5 4.0	0	3	003	A	A
168-1566	Radar Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5 4.0	0	3	004	A	A
168-1567	Radar Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5 4.0	0	3	005	A	A
168-1568	Receiving Set, Radar	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5 4.0	0	3	006	A	Z
450-6778	Receiver-Transmittee	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5 4.0	0	3	021	A	A
543-0759	Radar Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5 4.0	0	3	007	A	A
679-9899	Coordinator, Servo D	123,140,141,148,186,190,202,213, 223,230,250,251,290	S3	4.0 6.5	0	4	91V	A	Z
855-9279	Radar Set	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5 4.0	0	3	008	A	Z
860-9256	Control Automatic G	123,140,141,148,186,190,202,213, 223,230,250,251,290	S3	4.0 6.5	0	5	91V	X	A
943-6625	Radar Surveillance	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5 4.0	0	3	009	A	B
5840-01									
012-8623	receiving Set, Radar	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5 4.0	0	3	010	A	Z
044-3935	radar Set	123,140,141,148,162,186,190,202,213, 723,230,250,251,290	S2	2.5 4.0	0	3	011	A	B
051-3067	radar Set	23,140,141,148,162,186,190,202,213, S2 123,230,250,251,290	2.5	4.0 0	3	012	B	A	
055-8967	Radar Set	123,140,141,148,162,186,190,202,213, 123,230,250,251,290	S2	2.5 4.0	0	3	013	A	A
070-3848	%ntenna Transceiver	123,140,141,148,162,186,190,202,213, 223,230,250,251,290	S2	2.5 4.0	0	3	014	x	z

APPENDIX A-33 RADAR EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE MAJOR MINOR		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK-(TSC)	TYPE STOR- AGE
5840-01										
070-3349	Operation Control G	123,140,141,148,162,186,190,202,21^ 223,230,250,251,290	S2	2.5	4.0	0	3	015	x	z
070-9415	Radar Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	016	A	A
084-2444	Radar Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.4	4.0	0	3	017	A	B
084-5293	Antenna-Transceiver	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	4	018	A	B
084-5373	Radar Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	022	A	B
084-5374	Radar Set	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	023	A	B
086-4728	Antenna-Transceiver	123,140,141,148,1162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	019	A	B
087-7300	Radar Set	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	020	A	B

APPENDIX A-33 RADAR EQUIPMENT, EXCEPT AIRBORNE--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)		INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE MAJOR MINOR	SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC) (PPC)	PRESERVA TION PACK-(TSC)	TYPE STOR-AGE
5840-01										
090-5499	Circuit Card Assemb	141,148,155,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	9	3	024	A	A
104-4774	Indicator, Digital D	123,140,141,148,155,186,190,2()?,213,223,230,250,251 ,290	S2	2.5	4.0	9	3	91V	A	A
104-4776	Circuit Card Assemb	141,146,155,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	9	3	024	A	A
104-4777	Circuit Card Assemb	141,146,155,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	9	3	024	A	A
104-4778	Circuit Card Assemb	141,146,155,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	9	3	024	A	A
104-4780	Circuit Card Assemb	141,146,155,162,186,190,202,213,230,240,241,248,250,251,29()	S2	2.5	4.0	9	3	024	A	A
104-4781	Circuit Card Assemb	141,146,155,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	9	3	024	A	A
104-4782	Circuit Card Assemb	141,146,155,162,186,190,202,213,230,240,241 ,248,25S,251 ,290	S2	2.5	4.0	9	3	024	A	A
104-4783	Circuit Card Assemh	141,146,155,162,186,190,2()2,213,230,240,241,248,250,251 ,290	S2	2.5	4.0	9	3	024	A	A
105-6645	Circuit Card Assemb	141,146,155,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	9	3	024	A	A



APPENDIX A-34 RADAR EQUIPMENT, AIRBORNE  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCIEPTABLE QUALITY LEVLE		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D (IFC) (PPC)	PRESERVA TION PACK- (TSC)	TYPE STOR- AGE
				MAJOR	MINOR					
5841-00										
G01-4364	Altimeter Set, Elec	123,140,141,148,162,186,190,202,213, 223,240,250,251,290	S2	2.5	4.0	0	3	006	A	B
584 1 -01										
015-7752	Encoder, Video	123,140,141,148,162,186,190,202,213, 223,240,250,251,290	S3	4.0	6.5	0	3	002	A	A
015-7753	Control, Data Link	123,140,141,148,186,190,202,213, 223,240,250,251,290	S3	4.0	6.5	0	4	91V	A	A
015-7757	Power Supply-Synchr	123,140,141,148,162,186,190,202,213, 223,240,250,251,290	S3	4.0	6.5	0	3	007	A	A
015-7763	Mounting Base, Elect	123,140,141,148,186,190,202,213, 223,240,250,251,290	S3	4.0	6.5	0	4	91V	A	A
015-7764	Mounting Base, Elect	123,140,141,148,186,190,202,213, 223,240,250,251,290	S3	4.0	6.5	0	4	91V	A	A
040-3873	Radar Surveillance	123,140,141,148,162,186,190,202,213, 223,240,250,251,290	s2	2.5	4.0	0	3	003	A	A
098-4339	Altimeter Set, Elect	123,140,141,148,162,186,190,202,213, 223,240,250,251,290	S2	2.5	4.0	0	3	004	A	B
099-1796	Altimeter Set, Elect	123,140,141,148,162,186,190,202,213, 223,240,250,251,290	S2	2.5	4.0	0	3	005	A	B

**APPENDIX A-35 UNDERWATER SOUND EQUIPMENT  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5845-00</u>										
148-6131	Sounding Set, Sonar	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	002	A	Z
410-9863	Installation Kit, EI	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	B
			<b>A-65</b>							

**APPENDIX A-36 VISIBLE AND INVISIBLE LIGHT COMMUNICATION EQUIPMENT  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST- STORAGE (TSC)
<u>5850-00</u> 669-8726	Beacon Set-Infrared	123,140,141,146,155,162,186,190,206,213,223,230,250,251,290	S2        <b>A-66</b>	2.5	4.0	C	3	002	A	A

**APPENDIX A-37 NIGHT VISION EQUIPMENT,EMITTED AND REFLECTED RADIATION  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVATION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5855-00</u>										
058-1293	Searchlight, Infared	123,140,141,148,102,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	002	A	A
089-7274	Metaxcope	123,140,141,148,102,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
114-4953	Installation Kit	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	A
137-7696	Searchlight Infrared	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	003	A	A
138-2386	Image Intensifier, N	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	008	A	A
179-3169	Viewer, Infrared	123,140,141,148,102,186,190,202,213,223,230,250,251,290,155	S3	4.0	6.5	B	1	91V	A	A
179-3191	Electronic Componen	141.155,190,213,230,241,250,	S3	4.0	6.5	B	1	91V	A	A
251,290										
221-9436	Searchlight Infrared	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	009	A	A
401-3442	Image Intensifier, N	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	4	1	010	A	A
405-0404	Searchlight Set Inf	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	004	A	A
487-9638	Converter, Modificat	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	4	91V	A	A
487-9691	Converter, Modificat	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	4	91V	A	A
487-9730	Ignition Modificati	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	4	91V	A	A
629-5327	Night Vision Sight	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	005	A	A
629-5334	Night Vision Sight	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	006	A	A
901-8639	Searchlight, Infrar	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	007	A	A
<u>5855-01</u>										
028-8382	Vehicular Mounted S	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
028-8387	Starlight Scope Pac	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
			<b>A-67</b>							

APPENDIX A-37 NIGHT VISION EQUIPMENT,EMITTED AND REFLECTED RADIATION--CONTINUED  
SSS REQUIREMENTS

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5855-01</u>										
040-0107	Detector-Cooler	123,140,141,148,155,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	K	2	91V	A	A
070-9552	Basic Sight Assembl	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
100-5451	Modification Kit	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	X	A
100-5452	Modification Kit	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91v	X	A
			<b>A-68</b>							

**APPENDIX A-38 STIMULATED COHERENT RADIATION DEVICES, COMPONENTS AND ACCESSORIES  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5860-00</u>										
007-5144	Vacuum Vessel	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
114-4651	Module	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
167-1025	Module, Pump Source	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
052-9477	Test Set, Laser Infr	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	002	A	A
062-3543	Laser, Infrared Obs	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	003	A	A
070-3803	Laser, Infrared Obse	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	004	A	A
070-3841	Airborne Laser Trac	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	005	A	A
070-3342	Test Set, Airhorne 1	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	006	A	A
070-3343	Alignment Set, Airbo	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	007	A	A
			<b>A-69</b>							

**APPENDIX A-39 ELECTRONIC COUNTERMEASURES, COUNTER COUNTERMEASURES, AND QUICK REACTION CAPABILITY EQUIPMENT  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5865-00</u> 069-8847	Countermeasure Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	002	A	A
134-2601	Receiving Set Count	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	003	X	A
360-5362	Signal Processor, Co	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	007	X	A
619-1560	Limiter Detector	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	008	A	A
619-1569	Mar Orphan	See note 1, table A-1				0			A	A
<u>5865-01</u> 023-6779	Simulator, Comparato	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	004	A	A
030-2769	Countermeasure Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	005	A	A
037-1325 037-9111	Case, Countermeasure Test Set Countermea	102,140,141,155,250,251,290 123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3 S2	4.0 2.5	6.5 4.0	A 0	1 3	91V 009	A A	A A
042-0323	Control, Test Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	010	A	A
056-1075	Test Set, Contermea	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	011	A	A
078-4607	Countermeasures Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	006	A	A

**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM, QRC)  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVATION PACKING (PPC)	TEST-STORAGE (TSC)
5895-00 004-0973	Landing Control Cen	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	002	A	B
011-3629 014-7811	Mar Orphan Noun Amplifier Radio Fre	See note 1, table A-1 123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	036	A A	Z A
014-7819	Oscillator Radio Fr	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	037	A	A
014-7845	Oscillator, Radio Fr	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	038	A	A
021-2088	Operations, Center, C	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	003	A	B
045-4498	Surveillance Infor	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	004	A	B
089-4403	Control, Transponder	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
115-1491	Control Interrogato	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
124-8923	Transformer Assembl	141,148,186,190,202,213,230,240,241,248,250,251	S3	4.0	6.5	0	4	91V	X	A
125-0819	Fault Log Assembly	141,148,186,190,202,213,230,240,241,248,250,251	S3	4.0	6.5	0	4	91V	A	A
125-0822	Fault Log Assembly	141,148,186,190,202,213,230,240,241,248,250,251	S3	4.0	6.5	0	4	91V	A	A
130-5814	Synchronizer, Electr	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	005	A	A
130-5815	Receiver-Transmitte	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	006	A	A
140-8601	Amplifier, Radio Fre	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	039	A	A
140-8635	Amplifier IF	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	040	A	A
148-6913	Converter frequency	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	041	A	A



**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM, QRC)--CONTINUED  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5895-00</u>										
163-4980	Coder-Decoder Group	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	042	A	A
164-3718	Control, Interrogato	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	007	A	A
165-1184	Receiver-Transmitte	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	008	A	A
165-1185	Receiver-Transmitte	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	043	A	A
167-7932	Operations Central	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	009	A	B
167-7939	Signal Processor	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	010	A	A
168-1477	Central, Communicati	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	oil	A	B
168-1487	Central, Communicati	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	012	A	B
168-1569	Operations Center, C	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	013	A	B
168-1571	Operations Central	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	014	A	B
168-1574	Center, Comnaunicati	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	015	A	B
168-1575	Interpertation Faci	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	016	A	B
168-9548	Step Assembly, Rotar	141,148,186,190,202,213,230,240,241,248,250,251	S3	4.0	6.5	0	4	91V	A	Z
168-9567	Module Assembly	141,1,48,186,190,202,213,230,240,241,248,250,251	S3	4.0	6.5	0	4	91V	A	A
193-1155	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	017	A	A
196-1661	De-emphasis Network	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
196-1736	De-Empiliasis	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A

**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM, QRC)--CONTINUED  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5895-001</u> 246-4415	Modification Kit, (RT-859/APX-72)	141,190,202,213,230,241,250, 251,290	S3	4.0	6.5	0	5	91V	A	B
877-8768	Operations Central	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	021	A	B
877-8769	Operations Central	123,140,141,148,162,186,190,202, 213, 223, 230, 250, 25 1,290	S2	2.5	4.0	0	3	022	A	B
930-3742	Communications Tech	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	044	A	Z
936-4067	Frequency Divider	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	023	X	A
947-9762	Surveillance Inform	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	045	A	B
985-0886	Comparator-Monitor	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	4	91V	X	A
985-0887	Comparator-Monitor	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	4	91V	X	A
987-4739	Amplifier Assembly	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	4	91V	A	A
<u>5895-01</u> 007-9439	Tuner, Radio Frequen	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	4	91V	A	A
007-9488	Circuit Card Assemb	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	017	A	A
010-6844	Equalizer Assembly	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	14	91V	A	A
010-6847	Dectector Heater As	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	4	91V	A	A
010-6914	Electronic Componen	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	4	91v	A	A
010-6921	Amplifier, farametri	141,147,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	4	91V	A	A
010-6930	Circuit Card Assemb	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	017	A	A
011-7317	mplifi,2r, Radio Fre	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	046	A	A
017-4729	Battery Power Suppl	123,140,141,148,186,190,202, -213,223,230,250, 251,290	S3	4.0	6.5	0	4	91V	A	Z

**Change 1 A-73**

**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM5 QRC)--CONTINUED  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5395 01</u>										
196-1896	Baseband Processor	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	5	047	A	A
198-3531	baseband Processor	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	5	048	A	A
242-3862	Amplifier, Automatic	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	049	A	A
242-4180	Module Assembly, Ban	141,148,186,190,202,213,230,240,	S3	4.0	6.5	0	5	91V	A	A
244-0943	Circulator, Mount As	141,148,186,190,202,213,230,240,241,248,250,251	S3	4.0	6.5	0	5	91V	A	A
253-1513	Tactical Imagery In	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	018	A	B
256-5874	Amplifier, electronic	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	050	A	A
269-8280	Panel, Monitor	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	5	91V	A	B
299-0134	Amplifier, Servo, Un	123,140,941,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	051	A	A
299-0180	Receiver Assembly, E	141,148,186,190,202,213,230,240,241,248,250,251	S3	4.0	6.5	0	5	91V	A	A
1299-0299	Amplifier, Radio Fre	141,148,186,190,202,213,230,240,241,248,250,251	S3	4.0	6.5	0	5	91V	A	A
310-1099	Mounting Base, Elect	141,148,186,190,202,213,230,240,241,248,250,251	S3	4.0	6.5	0	6	91V	X	Z
350-5346	Synchronizer, Electr	141,148,186,190,202,213,230,240,241,2148,250,251	S3	4.0	6.5	0	4	91V	A	A
357-6280	Pump Assembly	141,148,186,190,202,213,230,240,241,248,250,251	S3	4.0	6.5	0	5	91V	A	A
437-2334	Installation Kit, E1	141,190,202,213,230,240,250,251,290	S3	4.0	6.5	0	6	91V	A	A
471-3174	Test Set, Transponder	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	052	A	B
877-8766	Operation Central	123,140,141,148,162,186,190,202,121,223,230,250,251,290	S2	2.5	4.0	0	3	019	A	B

**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM, QRC)--CONTINUED  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST- STORAGE (TSC)
<u>5895-01</u>										
017-9299	Control-Monitor	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
017-9302	Console, Communicati	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	Z
017-9303	Rack, Electrical Equ	123,140,141,148,,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	5	91V	A	Z
020-2825	Control, Direct Curr	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
020-2837	Control-Monitor	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
020-2338	Console, Communicati	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
020-2342	Indicator, Channel-F	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
024-7725	Terminal, Communicat	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	024	X	A
024-7727	Surveillance Inform	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	025	A	Z
029-5786	Circuit Card Assemh	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	017	A	A
029-5790	Circuit Card Assemh	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	017	A	A
030-4111	Amplifier, Auto Rang	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	4	91V	A	A
030-4112	RF Head With Cable	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	4	91V	A	A
030-4132	Circuit Card Assemh	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S3	2.5	4.0	0	3	017	A	A
030-5339	Controls Timing I)ev	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
030-5340	High Voltage Assemb	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A

**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM4, QRC)--CONTINUED  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5895-01</u>										
030-5345	Klystron, Electromag	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	053	A	A
030-5352	Circuit Card Assemb	140,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	017	A	A
031-5057	Power Supply Subass	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
032-4266	Programmer, Interrog	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
032-4931	Indicator Subassem	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
033-3630	Power Monitor Subas	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
033-3632	Antenna Azimuth Dri	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
034-1061	Coder-Decoder Group	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
034-6529	Control-Monitor	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
035-9706	Central, Communicati	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	054	A	B
037-4674	Divider, Power, Radio	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	A	A
040-4216	Communication Techn	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	055	X	A
040-9660	Central, Communicati	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	026	A	A
040-9661	Central, Comniunicati	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	027	A	A
042-9395	Accessory Kit, Elect	141,190,202,213,230,241,250,251,259	S3	4.0	6.5	0	6	91V	A	B
042-9859	Communications Term	123,140,141,148,162,186,190,202,213,223,230,250,291,290	S2	2.5	4.0	0	3	056	A	Z
042-9860	Communications Term	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	057	A	B
043-4640	Satellite Communica	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	058	A	A
			<b>A-76</b>							

**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM, QRC)--CONTINUED  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST- STORAGE (TSC)
<del>5895-01</del>										
047-0245 049-8555	Electronic Componen Modification Kit, Th	141,190,202,213,230,241,250,251,290 141,190,202,213,230,241,250,251,290	S3 S3	4.0 4.0	6.5 6.5	0 0	4 6	91V 91V	A A	A B
049-8556 052-1273	Modification Kit, Th Antenna	141,190,202,213,230,241,250,251,29C 141,148,186,190,202,213,230,240, 248,250,251	S3 S3	4.0 4.0	6.5 6.5	0 0	6 5	91V 91V	A X	B A
053-5520 054-3796	Maintence Kit Repai Communications Term	141,190,202,213,230,241,251,290 123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3 S2	4.0 2.5	6.5 4.0	0 0	6 3	91V 059	A A	A A
057-0069	Circuit Card Assemb	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	017	A	A
057-0070	Circuit Card Assemb	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	017	A	A
057-6263 057-6265	Maintenance Kit, Rad Test Set, Crystal Mo	141,190,202,213,230,241,250,251,290, 123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3 S2	4.0 2.5	6.5 4.0	0 0	6 3	91V 060	A A	Z A
058-6311	Wiring Harness, Bran	141,148,162,190,202,230,241,248, 250,251	S3	4.0	6.5	0	4	028	x	Z
060-6622	Circuit Card Assemb	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	017	A	A
060-6623	Circuit Card Assemh	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	017	A	A
060-6695	Matrix, Patching	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	5	91V	A	A
060-6696	Matrix, Patching	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	5	91V	A	A
061-6941	Antenna	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	5	91V	A	Z
062-8163	Circuit Card Assemb	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	017	X	Z
063-1474	Antenna	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	5	91V	A	Z
063-1916	Survellance Informa	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S2	2.5	4.0	0	3	029	A	A

**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM, QRC)--CONTINUED  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST- STORAGE (TSC)
5895-01										
063-8103	Platoon Early Warni	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	030	A	A
063-8104	Platoon Early Warni	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	031	A	A
064-2145	Power Supply	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	001	A	A
064-7156	Bypass Module	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	91V	X	A
064-9739	Crystal Module Kit	140,190,202,213,230,241,250,251,29C	S3	4.0	6.5	0	5	91V	A	Z
064-9820	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248	S2	2.5	4.0	0	3	017	X	A
068-6747	Platoon Early Warni	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	032	A	A
068-6748	Platoon Early Warni	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	032	A	A
068-6749	Platoon Early Warni	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	034	A	A
069-1340	Performance Monitor	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	062	X	A
069-1452	Multiplexer	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	4	063	A	A
069-1521	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	017	X	A
069-4007	Module, Circuit Card	141,148,186,190,202,213,230,240,241,248,250,251,290	S3	4.0	6.5	0	4	91V	X	A
069-4345	wiring Harness, Bran	141,148,162,190,202,230,241,248,250,251	S3	4.0	6.5	0	4	028	A	A
069-4904	Drawer, Electrical E	190,202,241,251,290	S3	4.0	6.5	0	6	91v	A	A
070-3723	Communications Tech	141,148,186,190,202,190,202,213,230,240,241,248,250,251				0			X	Z
070-3804	Module Circuit Card	213,230,240,241,248,250,251,290	S3	4.0	6.5	0	4	91V	X	A
070-3833	Drawer Assembly	190,202,241,251,290,141,148,186,190,202,213	S3	4.0	6.5	0	6	91V	X	A

**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM, QRC)--CONTINUED  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5895-01</u>										
070-3861	Echo Suppressor	230,240,241,248,250,251	S3	4.0	6.5	0	5	91V	X	A
070-4084	Drawer, Electrical E	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	A
070-4085	Drawer, Electrical E	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	A
070-9125	Drawer, Electrical E	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	A
071-4448	Selective Signal	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	5	91V	X	Z
071-4521	Drawer, Electrical E	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	A
071-6433	Drawer, Electrical E	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	A
071-8511	Drawer, Electrical E	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	A
072-1018	Cord Assembly	141,146,162,190,202,230,241,248, 250,251	S3	4.0	6.5	0	4	028	A	B
072-1024	Wiring Harnes	141,146,162,190,202,230,241,248, 250,251	S3	4.0	6.5	0	4	028	X	Z
072-1028	Amplifier Assembly	141,148,186,190,202,213,230,240, 241,248,250,251	S3	4.0	6.5	0	4	91V	X	Z
072-1030	Cable Assembly Set,	141,148,162,190,202,230,241,248, 250,251	S3	4.0	6.5	0	5	028	A	B
073-5503	Antenna Unit and Co	123,140,141,148,186	S3	4.0	6.5	0	5	91V	X	Z
073-9024	Electronic	190,202,213,223,230,250,251,290	S3	4.0	6.5	0	5	91V	X	Z
073-9032	Platoon Early Warni	190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	035	A	A
075-2159	Socket, Power Supply	190,202,241,251,290	S3	4.0	6.5	0	6	91V	X	Z
075-2163	Circuit Card Assemb	141,148,162,186,190,202,213,230, 240,241,248,250,251,290	S2	2.5	4.0	0	3	017	X	A
092-8074	Landing Control Cen	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	064	A	B
093-6978	Interconnecting Gro	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	065	X	A
098-7378	Navigation Set, Dopp	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	4	066	A	B
109-7906	Module Assembly	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	917	A	A
109-8046	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	317	A	A



**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM, QRC)--CONTINUED  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST- STORAGE (TSC)
<u>5895-01</u>										
109-8047	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8048	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8049	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8050	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8051	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8052	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8053	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8054	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8055	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8056	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	s2	2.5	4.0	5	2	017	A	A
109-8057	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8058	Circuit Card Assemb	141,148,155, 162,186,190,202,213, 230,240,241,248,250,251 ,290	S2	2.5	4.0	5	2	017	A	A
109-8059	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8060	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8061	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8062	Circuit Card Assemb	1411,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
109-8063	Ciircuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A
			<b>A-80</b>							

**APPENDIX A-40 MISCELLANEOUS COMMUNICATION EQUIPMENT (LESS ECM, ECCM, QRC)--CONTINUED  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST- STORAGE (TSC)
<u>5895-01</u>										
110-2435	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251 ,290	S2	2.5	4.0	5	2	017	A	A
111-3977	Circuit Card Assemb	141,148,155,162,186,190,202,213, 230,240,241,248,250,251,290	S2	2.5	4.0	5	2	017	A	A

**APPENDIX A-41 RESISTORS  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<p><u>5905-00</u> 283-9750</p>	Resistor, Fixed, Wire	102,113,130,140,141,148,151,155,190,250,290,162	S3	4.0	6.5	A	1	002	X	A

**APPENDIX A-42 FILTERS AND NETWORKS  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5915-00</u>										
G36-5781 425-6070	Mar Orphan Filter, Band Pass	See note 1, table A-1 123,140,141,148,162,186,190,202, 213,223,230,250,251,290,155	S3	4.0	6.5	0 0	3	002	X A	Z A
431-6718	Suppressor, Electric	123,140,141,148,162,186,190,202, 213,223,230,250,251,290,155	S3	4.0	6.5	0	3	002	A	A
<u>5915-01</u>										
007-9408	Filter, Band Pass	123,140,141,148,162,186,19(),202, 213,223,230,250,251,290,155	S3	4.0	6.5	0	3	002	A	A
007-9463	Filter, High Pass	123,140,141,148,162,186,190,202, 213,223,230,250,251,290,155	S3	4.0	6.5	0	3	002	A	A
007-9464	Filter, Low Pass	123,140,141,148,162,186,190,202, 213,223,230,250,251,290,155	S3	4.0	6.5	0	3	002	A	A
058-7700	Filter, Band Pass	123,140,141,148,162,186,190,202, 213,223,230,250,251,290,155	S3	4.0	6.5	0	3	002	A	Z
090-6284	Filter, Assembly EI	123,140,141,148,162,186,190,202, 213,2230,230,250,251,290,155	S3	4.0	6.5	0	3	002	A	A

**APPENDIX A-43 SWITCHES  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5930-00</u>										
168-9162	Switch, Pressure	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
168-9163	Switch, Pressure	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
168-9164	Switch, Pressure	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
<u>5930-01</u>										
007-9422	Switch, Thermostatic	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
030-4118	Switch, Pressure	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
070-4076	Electronic Componen	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	X	A
077-1532	Switch, Rotary	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
087-1724	Switch and Sensor	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	5	3	002	A	A

**APPENDIX A-44 CONNECTORS, ELECTRICAL  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5935-00</u>										
045-9830	Connector, Plug, Elec	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
064-5732	Connector, Receptacl	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
<u>5935-01</u>										
046-9217	Jack, Telephone	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
046-9218	Jack, Telephone	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
046-9412	Plug And Housing As	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
070-3852	Socket Plug-in Elec	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	X	A

**APPENDIX A-45 RELAYS AND SOLENOIDS  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5945-00</u>										
797-9820	Relay, Electromagnet	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
<u>5945-01</u>										
009-8417	Relay, Meter Movemen	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
009-8418	Relay, Meter Movemen	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
057-0063	Relay, Hybrid	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	X	Z
057-0064	Relay, Hybrid	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	X	A
057-0065	Relay, Hybrid	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	X	A
057-0066	Relay, Hybrid	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	X	A
057-0067	Relay, Solid State	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	X	A
058-6291	Relay, Rotary	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	X	A
065-6295	Relay, Hybrid	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	X	A

**APPENDIX A-46 COILS AND TRANSFORMERS  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5950-00</u>										
294-3000	Transformer, Radio, F	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	A	1	002	A	A
503-8658	Transformer, Radio, F	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	9	3	002	A	A
<u>5950-01</u>										
007-8556	Transformer, Power,S	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
007-9446	Transformer, Power	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
041-1578	Transformer, Power	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
041-6517	Transformer, Power	123,140,141,148,162,186,190,202,213,223,230,250,251,290,155	S3	4.0	6.5	S	3	002	A	A



**APPENDIX A-47 PIEZOELECTRIC CRYSTALS  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5955-00</u>										
283-6643	Crystal Unit, Quartz	123,140,141,148,155,162,186,190, 202,213,223,230,250,251,290	S3	4.0	6.5	A	1	002	A	A
302-7537	Crystal Unit, Quartz	123,140,141,148,155,162,186,190, 202,213,223,230,250,251,290	S3	4.0	6.5	A	1	002	A	A

**APPENDIX A-48 ELECTRON TUBES AND ASSOCIATED HARDWARE  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5960-00</u>										
124-9544	Electron Tube (TWT)	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002 (-1)	A	A
125-0026	Electron Tube	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
405-4608	Electron Tube	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
423-4534	Electron Tube	123,140,141,148,155,162,186,190,202 213,223,230,250,251,290	S3	4.0	6.5	A	1	002	A	A
791-5244	Electron Tube	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
<u>5960-01</u>										
007-9404	Electron Tube	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
011-2698	Electron Tube (TWT)	123,140,141,148,162,186,190, 202,213,223,230,250,251,290	S3	4.0	6.5	0	1	002 (-1)	A	B

**APPENDIX A-49 MICROCIRCUITS, ELECTRONIC  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5962-01</u>										
041-3494	Microcircuit, Digita	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	S	3	002	A	A
041-3496	Microcircuit, Digita	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6	S	3	002	A	A
041-3498	Microcircuit, Digita	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	S	3	002	A	A
041-3499	Microcircuit, Digita	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	S	3	002	A	A
041-6745	Microcircuit, Digita	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	S	3	002	A	A
042-9794	Microcircuit, Digita	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	S	3	002	A	A
047-2094	Microcircuit, Digita	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	S	3	002	A	A
056-1048	Microcircuit, Digita	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	2	1	002	A	A
060-6562	Microcircuit, Linear	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	S	3	002	A	A

**APPENDIX A-50 HEADSETS, HANDSETS, MICROPHONES, AND SPEAKERS  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
5965-00 134-5392	Head Set-Microphone	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	002	X	A

**APPENDIX A-51 ELECTRICAL HARDWARE AND SUPPLIES  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5975-01</u>										
046-9546	Cover, Terminal Boar	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
046-9547	Cover, Terminal Boar	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
046-9548	Cover, Terminal Boar	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
046-9549	Cover, Terminal Boar	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	C
046-9550	Cover, Terminal Boar	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
046-9551	Cover, Terminal Boar	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
048-3784	Cover, Terminal Boar	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
052-1264	Mounting Base, Elect	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
069-1457	Cover, Terminal Boar	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	C

**APPENDIX A-52 ANTENNAS, WAVEGUIDES, AND RELATED EQUIPMENT  
SSS REQUIREMENTS**

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVATION PACKING (PPC)	TEST-STORAGE (TSC)
<u>5985-00</u>										
092-8694	Coupler, Antenna	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	2	1	91V	A	A
106-2677	Antenna-Radome	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
124-4795	Mixer Stage, Frequen	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
140-8905	Attenuator, Variable	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
166-0222	Pedestal, Antenna	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
166-0223	Antenna-Radome	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
167-7898	Coupler, Antenna	123,140,141,148,186,190,202,212 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
168-9540	Isolator, Radio Freq	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
223-2566	Coupler, Antenna	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	B
229-8004	Attenuator, Variable	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
256-6316	Coupler, Directional	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
256-6317	Scanner, Signal	123,140,141,148,162,186,190,202,213 223,230,250,251,290	S2	2.5	4.0	0	3	002	A	A
327-0768	Coupler, Directional	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	X	A
405-0464	Switch, Waveguide	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
405-2078	Reflector, Subassemb	123,140,141,148,186,190,202,213 223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
<u>5985-01</u>										
007-8611	Switch, Waveguide	123,140,141,148,,186,190,202,213 223,230,250,251,290	4.0	6.5	0	91V	A	A		

APPENDIX A-52 ANTENNAS, WAVEGUIDES, AND RELATED EQUIPMENT--CONTINUED

SSS REQUIREMENTS

NAT'L STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP. LEVEL (IL)	ACCEPTABLE LEVEL MAJOR	QUALITY (AQL) MINOR	SHELF LIFE (SLC)	INSP FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION PACKING (PPC)	TEST-STORAGE (TSC)
5985-01 007-8613	Switch, Waveguide	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
007-9415	Dummy Load, Electric	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
007-9417	Coupler, Directional	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
007-9418	Couplet, Directional	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
007-9453	Switch, Waveguide	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
007-9454	Switch, Waveguide	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	X	A
007-9455	Switch, Waveguide	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
007-9457	Switch, Radio Freque	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
007-9459	Switch, Radio Freque	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
007-9460	Switch, Radio Freque	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
011-7321	Switch, Waveguide	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
011-7336	Mixer, Crystal, Waveg	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
024-0951	Multicoupler, Antenn	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
024-1020	Coupler, Antenna	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A

APPENDIX A-52 ANTENNAS, WAVEGUIDES, AND RELATED EQUIPMENT--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
5985-01 030-2766	Attenuator, Variable	123, 140, 141, 148, 186, 190, 202, 213 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	A	A
030-4125	Switch, Radio Freque	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	A	A
030-7497	Coupler, Rotary, Racli	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	A	A
030-9979	Waveguide Assembly	123, 140, 141, 148, 186, 190, 202, 213 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	A	A
032-4115	Coupler, Directional	123, 140, 141, 148, 186, 190, 202, 213 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	A	A
032-4930	Subreflector, Antenn	123, 140, 141, 148, 186, 190, 202, 213 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	A	A
033-3625	Switch, Waveguide	123, 140, 141, 148, 186, 190, 202, 213 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	A	A
033-8794	Waveguide Assembly	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	A	A
037-7363	Attenuator, Variable	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	A	A
058-1078	Case, Antenna Couple	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	A	B
058-4515	Antenna, Assembly	123, 140, 141, 148, 155, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	9	3	91V	A	A
070-3835	Subreflector, Antenn	123, 140, 141, 148, 136, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	91V	X	A
072-4317II	Housing, Antenna	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	9	3	91V	A	A
072-4616	Circuit Card Assemh	141, 148, 155,186, 190, 202, 213 230, 240, 241, 248, 250, 25], 290	S3	4.0 6.5	9	3	91V	A	A
072-4617	Circuit Card Assemh	141, 148, 155,186, 190, 202, 213, 230, 24n, 241, 248, 250, 251, 290	S3	4.0 6.5	9	3	91V	A	A
072-4618	Circuit Card Assemb	141, 148, 155,186, 190, 202, 213 230, 240, 241, 248, 250, 251, 290	S3	4.0 6.5	9	3	91V	A	A
072-8178	Indicator, Digital D	123, 140, 141, 148, 155, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	9	3	91V	A	A



APPENDIX A-52 ANTENNAS, WAVEGUIDES, AND RELATED EQUIPMENT--CONTINUED  
 SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
5985-01 072-8184	Circuit Card Assemb	141, 148, 155, 162, 186, 190, 202, 213, 230, 240, 241, 248, 250, 251, 290	S2	2.5      4.0	9	3	002	A	A

**APPENDIX A-52 ANTENNAS, WAVEGUIDES, AND RELATED EQUIPMENT--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>5990-00</u> 405-4491	Resolver, Electrical	123, 140, 141, 148,186, 190, 202 213, 223, 230, 250, 251, 290	S3	4.0      6.5	0	3	91V	A	A
697-8629	Amplifier Electr	123, 140, 141, 148,186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0      6.5	0	3	91V	X	Z
<u>5990-01</u>  007-9483	Synchro Assembly	141, 148, 186, 190, 202, 213, 230, 240, 241, 248, 250, 251	S3	4.0      6.5	0	3	91V	A	A

APPENDIX A-52 ANTENNAS, WAVEGUIDES, AND RELATED EQUIPMENT--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>5995-00</u>									
006-9711	Lead, Electrica	141, 148, 162, 190, 202, 230, 241, 248, 250, 251, 155	S3	4.0 6.5	0	4	002	A	A
753-2021	Cable Assembly, Tele	141, 148, 162, 190, 202, 230, 241, 248 250, 251	S3	4.0 6.5	0	4	002	A	A
930-9511	Cable Assembly, Radi	141, 148, 155, 162, 190, 202, 230, 241 248, 250, 251	,S3	4.0 6.5	P	3	002	A	A
<u>5995-01</u>									
048-5923	Cable Assembly, Spec	141, 148, 155, 162, 190, 202, 230, 241, 248, 250, 251,	S3	4.0 6.5	S	3	002	A	A
052-5402	Wiring Harnes, Bran	141, 148, 162, 190, 202, 230, 241, 248 250, 251	S3	4.0 6.5	0	4	002	A	B
068-0562	Cable Assembly, Radi	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
068-0563	Cable Assembly, Radi	141, 148, 162, 190, 202, 230, 241, 248 250, 251	,S3	4.0 6.5	0	4	002	A	B
068-0564	Cable Assembly, Radi	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
069-4952	Cable Assembly, Radi	141, 148, 162, 190, 202, 230, 241, 248 250, 251	,S3	4.0 6.5	0	4	002	A	B
070-3935	Cable Assembly, Radi	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	X	A
070-3937	Cable Assembly, Radi	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
070-3938	Cable Assembly, Radi	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	X	A
070-3939	Cable Assembly, Radi	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.9	0	4	002	A	B
070-4285	Cable Assembly, Radi	141, 148, 162, 190, 202, 230, 241, 248 2 50, 25 1	S3	4.0 6.5	0	4	002	A	B
072-4316	Cable Assembly	141, 148, 155, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	9	3	002	A	A
072-8001	Cable Assembly Spec	141, 148, 155, 162, 190, 202, 230, 241 248, 250, 251	S3	4.0 6.5	9	3	002	A	A
108-5170	Cable Assembly, Spec	141, 148, 155, 162, 190, 202, 230, 241 248, 250, 251	S3	4.0 6.5	1	1	002	A	A

**APPENDIX A-52 ANTENNAS, WAVEGUIDES, AND RELATED EQUIPMENT--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>5999-01</u>									
009-5482	Amplifier Subassemb	141, 148, 186, 190, 202, 213, 230, 240, 241, 248, 250, 251	S3	4.0    6.5	0	5	91V	A	A
023-7387	Circuit Card Assemb	141, 148, 162, 186, 190, 202, 213, 230, 240, 241, 248, 250, 251, 290	S3	2.5    4.0	0	3	002	X	Z
070-4099	Heat Sink, Electrica	190, 202, 241, 251, 290	S3	4.0    6.5	0	5	91V	X	A
072-4402	Contact, Electrical	102, 123, 140, 141, 155, 190, 250, 251, 290	S3	4.0    6.5	9	4	91V	A	A
072-4403	Contact, Electrical	102, 123, 140, 141, 155, 190, 250, 252, 290	S3	4.0    6.5	9	4	91V	A	A

**APPENDIX A-56 DEPOT REPORTED STOCK NUMBER  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<p>6024-24</p> <p>161-3159</p> <p>161-3162</p>	<p>Dep. Reported</p> <p>Dep. Reported</p>	<p>-----See note 1, table A-1-----</p> <p>STK-No</p> <p>STK-No</p>			<p>2</p> <p>N</p>				

**APPENDIX A-57 DEPOT REPORTED STOCK NUMBER  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6045-14</u>  162-2542 162-2981	Dep. Reported STK-No Dep. Reported STK-No	-----See note 1, table A-1-----			S X				

**APPENDIX A-58 MOTORS ELECTRICAL--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QOC)	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6105-00</u> 314-7767	Motor, Alternating C	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290, 155	S3	4.0    6.5	A	1	002	A	A
351-7961	Motor-Tachometer GE	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0    6.5	0	3	003	A	A
<u>6105-01</u> 072-7999	Motor, Scan Drive	123, 140, 141, 148, 155, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0    6.5	9	3	002	A	A

**APPENDIX A-59 ELECTRICAL CONTROL EQUIPMENT--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6110-00</u>									
216-5884	Regulator Voltage	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0      6.5	0	3	002	A	A
954-0506	Panel, Power Distrib	123, 140, 141, 148, , 186, 190, 202 213, 223, 230, 250, 251, 290	S3	4.0      6.5	0	5	91V	A	A
		<b>A-103</b>							



APPENDIX A-60 CONVERTERS, ELECTRICAL ROTATING--CONTINUED  
 SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6125-00</u>									
061-6652	Armature, Motor-Gener	190, 202, 241, 251, 290	S3	4.0 6.5	0	3	91V	A	A
101-9720	Motor-Generator	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	002	A	A
159-8375	Motor-Generator	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	005	X	A
556-8623	Motor-Generator	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	003	A	A
568-5821	Dynamotor	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	004	A	A

APPENDIX A-61 CONVERTERS, ELECTRICAL NONROTATING--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6130-00</u> 191-1799	Power Supply	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	3	001	A	A
191-1801	Power Supply	123, 140, 141, 148, 186, 190, 202, 213, 223, 23, ;250, 251, 290	S3	4.0 6.5	0	3	91V	A	A
410-9868	Installation Kit, E1	141, 190, 202, 213, 230, 241, 250, 251, 290	S3	4.0 6.5	0	6	91V	A	B
410-9869	Installation Kit, E1	141, 190, 202, 213, 230, 241, 250, 251, 290	S3	4.0 6.5	0	6	91V	A	B
410-9870	Installation Kit, E1	141, 190, 202, 213, 230, 241, 250, 251, 290	S3	4.0 6.5	0	6	91V	A	B
410-9871	Installation Kit, E1	141, 190, 202, 213, 230, 241, 250, 251, 290	S3	4.0 6.5	0	k	91V	A	B
500-0069	Charger, Battery	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	A	A
520-5751	Power Supply	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	A	A
629-6571 223, 230, 250, 251, 290	Charger, Battery	123, 140, 141, 148, 186, 190, 202, 213	S3	4.0 6.5	0	4	91V	A	Z
629-6573	Power Supply Assemb	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	A	A
985-8136	Power Supp	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	X	Z
<u>6130-01</u>									
007-9434	Power Supply	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	A	A
007-9437	Power Supply	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	A	A
008-2298	Power Supply	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	A	A
010-6090	Power Supply	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	X	Z
028-8367	Battery Power Suppl	123, 140, 141, 148, 186, 190, 202, 213, 23, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	X	Z
030-5348	Power Supply	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	A	A
030-5349	Power Supply	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0 6.5	0	4	91V	A	A
056-7433	Circuit Card Assemb	141, 148, 162, 186, 190, 202, 213, 230, 40, 241, 248, 250, 251, 290	S2	2.5 4.0	0	3	002	A	A

**APPENDIX A-61 CONVERTERS, ELECTRICAL NONROTATING--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6130-01</u>									
062-3618	Power Supply	123, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0    6.5	0	4	91V	A	A
068-6822	Power Supply	23, 140, 141, 148, 186, 190, 202, 213, 223, 230, 250, 251, 290	S3	4.0    6.5	0	4	91V	A	A
926-7910	Charger, Battery	123, 140, 141, 148, 186, 190, 202, 213 223, 230, 250, 251, 290, 155	S3	4.0    6.5	5	2	91V	A	A
111-3968	Power Supply Assm	123, 140, 141, 148, 155, 186, 190, 202, 213, 223, 230, 251, 290	S3	4.0    6.5	5	2	91V	A	A

APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
6135-00									
010-5255	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
010-5275	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
030-9940	Thermostatic Assm	202-213-251-290	S3	4.0 6.5	0	1	003	X	A
042-5414	Battery Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
050-0915	Battery Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	9	1	003	A	X
050-0916	Battery Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	9	1	003	A	X
050-3280	Battery Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
054-7132	Battery Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
056-7612	Battery Dry (2)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
073-8939	Battery, Mercury (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0385	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0386	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0387	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	9	1	003	A	X
100-0389	Battery, Mercury (24)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0392	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0395	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0399	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0402	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0405	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0411	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0412	Battery, Mercury (2)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
100-0413	Battery, Mercury (2)	111-113-145-155-178-184-202-286	S2	2.5 4.0	9	1	003	A	X
100-0415	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0420	Battery, Mercury (2)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0421	Battery, Mercury (24)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0423	Battery, Mercury (8)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0424	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	9	1	003	A	X
100-0425	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0426	Battery, Mercury (18)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0447	Battery, Mercury (1)	11-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
<b>Change 1 A-107</b>									

APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
6135-00									
100-0450	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0454	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	9	1	003	A	X
100-0455	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0456	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0457	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0458	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	9	1	003	A	X
100-0459	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
100-0460	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0462	Battery, Dry (2)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0463	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0464	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0465	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0466	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0469	Battery, Dry (2)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0474	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0475	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0485	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
100-0486	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
100-0487	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	Y
102-4217	Battery, Dry (2)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
106-6410	Container, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
107-6662	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
110-4136	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
112-8634	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
112-8635	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
112-8636	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
112-8637	Battery, Dry (24)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
113-8131	202-213-251-290 S3	4.0	6.5	0 5	003	x	A		
120-1003	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
120-1004	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X

Change 1 A-108

APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6135-000</u>									
120-1005	Battery, Dry	(10) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	1 003	A X	
120-1007	Battery, Dry	(4) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1010	Battery, Dry	(24) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1011	Battery, Dry	(2) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1012	Battery, Dry	(2) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1013	Battery, Dry	(12) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1014	Battery, Dry	(12) 111-113-145-155-178-184-202-286	S2	2.5 4.0	9	1	003	A X	
120-1015	Battery, Dry	(3) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1016	Battery, Dry	(6) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1017	Battery, Dry	(12) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1018	Battery, Dry	(2) 111-113-145-155-178-184-202-286	S2	2.5 4.0	1	1	A	X A	
120-1019	Battery, Dry	(10) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1020	Battery, Dry	(24) 111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A x	
120-1021	Battery, Dry	(15) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1022	Battery, Dry	(8) 111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A X	
120-1023	Battery, Dry	(1) 111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A x	
120-1025	Battery, Dry	(8) 111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A X	
120-1026	Battery, Dry	(10) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A x	
120-1027	Battery, Dry	(4) 111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A X	
120-1028	Battery, Dry	(6) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1030	Battery, Dry	(24) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
120-1032	Battery, Dry	(6) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A x	
120-1034	Battery, Dry	(6) 111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A X	
120-1035	Battery, Dry	(4) 111-113-145-155-178-184-202-286	S2	2.5 4.0	6	1	003	A X	
125-5255	Battery, Dry	(6) 111-113-145-155-178-184-202-286	S2	2.5 4.0	6	1	003	A X	
125-5256	Battery, Dry	(12) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
125-5257	Battery, Dry	(3) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A x	
125-5265	Battery, Dry	(10) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A x	
128-1632	Battery, Dry	(1) 111-113-145-155-178-184-202-286	S2	2.5 4.0	6	1	003	A X	
128-1633	Battery, Dry	(1) 111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A X	
<b>Change 1 A-109</b>									

APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6135-00</u>									
135-0194	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
137-6589	Case Battery Assm	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
148-9781	Battery, Dry (20)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
153-0069	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
156-4280	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
160-7158	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
160-7159	Battery, Dry (24)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
160-7161	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
161-0746	Battery, Dry (8)	111-113-145-155-178-194-202-286	S2	2.5 4.0	7	1	003	A	X
164-8753	Battery, Dry (20)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
164-8754	Battery, Dry (12)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
164-8755	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
164-8756	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
164-8757	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
164-8758	Battery, Dry (2)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
164-8759	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
164-8761	Battery, Dry	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
164-8762	Battery, Dry (2)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
165-8766	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
164-8767	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
164-8768	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
164-8772	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
164-8773	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
164-8774	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
164-8775	Battery, Dry (8)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
164-8776	Battery, Dry (8)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
164-8777	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
164-8778	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
164-8779	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
164-8780	Battery, Dry (8)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
<b>Change 1 A-110</b>									

APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6135-00</u>									
178-9506	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
178-9527	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
179-0510	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	9	1	003	A	X
179-0538	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
182-7926	Battery, Alarm (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
194-9352	Battery, Dry (12)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
194-9353	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
194-9354	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
195-0219	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
209-6918	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
220-2061	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
221-4687	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
221-4688	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
221-4719	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
221-4720	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
221-5436	Retainer Battery	202-213-251-290	S3	4.0 6.5	0	1	003	x	A
237-1703	Battery, Dry(1)	155-178-190-201-202-211-213-232-274-286	S2	2.5 4.0	9	2	002	A	A
240-3200	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
243-5048	Battery, Dry (12)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
243-8330	Battery, Dry (1)	113-145-178-202-211-286	S2	2.5 4.0	X	4	003	A	B
255-1'340	Battery, Thermal (1)	155-178-190-201-211-213-232-274-286	S2	2.5 4.0	9	2	002	A	A
262-6850	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
263-4133	Retainer, Battery	202-213-251-290	S3	4.0 6.5	0	1	003	X	A
266-9762	Battery, Dry (20)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
266-9764	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
266-9766	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	x
266-9787	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
2h9-5843	Battery, Dry (40)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
271-04(07	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
274-4034	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	9	j	003	A	x

Change 1 A11



APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6135-00</u>									
274-4035	Battery, Dry (25)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
276-7625	Battery, Dry (6)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	X	A
284-0249	Retainer Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	x	A
284-1108	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
284-1406	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
295-0608	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
295-2172	Battery, Dry (3)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
295-2613	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
295-2614	Battery, Dry (20)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
295-2619	Battery, Dry (25)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
299-6918	Battery, Dry (40)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
392-6606	Retainer Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	x	A
444-2198	Retainer Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
445-2787	Battery Bias Cell (I)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
450-3528	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
459-3322	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
459-3323	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
459-3324	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
459-3325	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
459-3326	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
459-3327	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
461-3590	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
470-6708	Retainer, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	x	A
472-2065	Retainer, Battery	202-213-2 51-290	S3	4.0 6.5	7	5	91V	x	A
473-6278	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
473-6279	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
474-9529	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
477-3828	Power Battery	202-213-251-290	S3	4.0 6.5	7	5	91V	X	A
485-7402	Battery, Primary (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
491-5252	Power, Battery	2(2)-213-251-290	S3	4.0 6.5	0	5	91V	X	A
<b>Change 1</b>			<b>A-112</b>						

APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)	
6135-00										
493-9277	Battery Assm	202-213-251-290	S3	4.0	6.5	0	5	91V	x	A
498-2456	Battery, Dry	(1) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
498-2477	Socket Battery	202-213-251-290	S3	4.0	6.5	0	5	91V	x	A
498-3951	Socket Battery	202-213-251-290	S3	4.0	6.5	0	5	91V	x	A
00-1173	Battery, Dry	(20) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
521-0277	Battery Box	202-213-251-290	S3	4.0	6.5	p	5	91V	X	A
524-6277	Battery, Dry	(4) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
542-6728	Battery, Dry	(6) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
546-6273	Battery, Dry	(2) 178-190-201-202-211-213-232-274-286	S2	2.5	4.0	0	4	002	A	A
548-1696	Cover Battery	202-213-251-290	S2	4.0	6.5	0	5	003	X	A
548-2765	Battery, Dry	(1) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
553-6213	Retainer Battery	202-213-251-290	S3	4.0	6.5	p	5	91V	x	A
556-8318	Battery, Dry	(10) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
557-0174	Battery, Dry	(1) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
577-3340	Battery, Dry	(2) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
577-8141	Battery, Box	202-213-251-290	S3	4.0	6.5	0	5	91V	X	A
577-8292	Battery, Box	202-213-251-290	S3	4.0	6.5	0	5	91V	X	A
577-8309	Battery, Dry	(25) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
578-6901	Battery, Dry	(10) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
578-7646	Battery, Dry	202-213-251-290	S3	4.0	6.5	P	5	003	x	A
583-3700	Battery, Dry	(8) 111-113-145-155-178-184-202286	S2	2.5	4.0	7	1	003	A	X
597-8911	Holder Spring	202-213-251-290	S3	4.0	6.5	p	5	91V	x	A
603-4859	Battery, Dry	(1) 155-178-190-201-202-211-213-232-274-286	S2	2.5	4.0	9	2	002	A	A
635-5217	Battery, Dry	(1) 111-113-145-155-178-184-202-286	S2	2.5	4.0	8	1	003	A	X
635-5222	Battery Box	202-213-251-290	S3	4.0	6.5	0	5	1 91V	x	A
635-5223	Battery Box	202-213-251-290	S3	4.0	6.5	0	5	91V	x	A
635-5246	Battery, Dry	(5) 111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
635-6243	Retainer Battery	202-213-251-290	S3	4.0	6.5	0	5	91V	x	A
635-6244	Retainer Battery	202-213-251-290	S3	4.0	6.5	0	5	91V	x	A
635-6370	Battery, Dry	(1) 111-113-145-178-184-202-286	S3	2.5	4.0	0	4	003	A	B
643-2235	Battery, Dry	(1) 111-113-145-155-178-184-202-286	S3	2.5	4.0	7	1	003	A	X
<b>Change 1</b>			<b>A-113</b>							

APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6135-00</u> 655-2279	Battery, Dry (6)	155-178-190-201-202-211-213-232-274-286	S2	2.5 4.0	9	2	002	A	A
669-6678	Battery, Dry (20)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
669-6679	Battery, Dry (20)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
679-1554	Retainer, Battery	202-213-251-290	S3	4.0 6.5	p	5	91V	x	A
683-0536	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
683-0537	Battery, Dry (1)	111-113-145-155-178-184-206-286	S	2.5 4.0	7	1	003	A	X
683-0812	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
688-5558	Battery, Dry (5)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
702-2776	Spacer, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
715-4001	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
725-3941	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
728-9860	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
730-1434	Holder, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	x	A
732-3509	Spacer, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
735-6341	Battery, Dry (1)	178-190-201-202-211-213-232-274-2&	S2	2.5 4.0	X	4	002	A	A
753-2276	Battery, Dry (1)	111-113-145-178-184-202-286	S2	2.5 4.0	X	4	003	A	B
767-0331	Battery, Dry (1)	155-178-190-201-202-211-213-232-274-286	S2	2.5 4.0	X	2	002	A	A
780-9961	Battery Box	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
782-6817	Battery Box (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	91V	A	x
782-6842	Retainer, Battery	202-213-251-290	S3	4.0 6.5	P	5	91V	X	A
801-0587	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	A
801-3493	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	A
803-3012	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
808-5093	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
816-6206	Battery, Dry (3)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
823-2353	Retainer, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	x	A
823-2728	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
823-3034 274-286	Battery, W4et (1)	155-178-190-201-202-211-213-232-	S2	2.5 4.0	X	4	002	A	A
825-6692	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
833-9909	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	5	1	003	A	X

Change 1 A-114

APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6135-00</u>									
835-1023	Battery, Dry (24)	111-113-145155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
837-5331	Battery, Wet (1)	155-178-190-201-202-211-213-231-	S2	2.5 4.0	X	4	002	A	A
838-0706	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
845-9232	Battery, Dry (10)	111-113-145-155-178-184-202-286	s2	2.5 4.0	7	1	003	A	x
850-3177	Battery, Dry (24)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
851-0857	Retainer, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
853-8670	Battery, Dry(60)	111-113-145-155-178-184-202-286	S2	2.5 4.0	6	1	003 1	A	X
855-8343	Tray, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
858-5712	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
865-1479	Retainer Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	x	A
889-1485	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.°	7	1	C003'	A	X
889-1502	Battery, Dry (1)	178-190-201-202-211-213-232-274-2d	S2	2.5 4.0	0	4	002-	A	A
898-6996	Battery, Dry (10)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
906-0984	Battery, Dry (20)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
911-2355	Battery Conn	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
912 -9787	Battery ,Dry (1)	111- 113 -145 -155-178 -184-202 -286	S2	2.5 4.0	7	1	003	A	X
918-6993	Battery, Mercury (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003'	A	X
921-6487	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003'	A	x
926-0827	Battery, Dry (12)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	! 1	003'	A	x
926-0844	Battery, Dry (4)	111-113-145-155-178-184-202-286	S2	2.4 4.0	7	1	003-	A	X
926-0845	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4	7	1	003	A	x
926-3503	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
926-3698	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
926-8322	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1 1 003	A	x	
930-0030	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
930-1570	Battery, Thermal (1)	155-178-190-201-202-211-213-232-	S2	2.5 4.0	9	2	002	A	A
930-6273	Battery, Thermal	202-213-251-290	S3	4.0 6.5	0	5	002	X	A
933-2529	Battery, Dry	202-213-251-290	S3	4.0 6.5	p	5	003	x	s
935-0268	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
935-2532	Battery, Dry (20)	111-113-145-155-178-184-202-286	S 2	2.5 4.0	7	1	003	A	X

Change 1 A-115

APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6135-00</u>									
935-2533	Battery, Dry (25)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	V
935-2577	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
935-2582	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	A	003	A	X
935-2583	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	8	1	003	A	X
935-2587	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
935-2589	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
935-5241	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
935-5301	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
935-8738	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
935-8769	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	x
936-1749	Case Battery	202-213-251-290	S3	4.0 6.5	a	5	91V	x	A
937-2324	Cap Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	x	A
938-1351	Plate	202-213-215-290	S3	4.0 6.5	0	5	91V	X	A
945-0016	Battery, Silver Oxide (6)	111-113-145-155-178-184-202-286	S2	2.5 4.p	6	1	91V	A	X
947-7091	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	6	1	003	A	X
950-9380	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	b03	A	X
961-3603	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
968-8594	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
971-8485	Battery, Dry (24)	111-113-145-155-178-184-202-286	S2	2.5 4.0	6	1	003	A	x
973-5632	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
985-7887	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
988-3922	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
990-1822	Battery, Dry (1)	111-113-145-155-178-184-202-286	S2	2.5 4.0	7	1	003	A	X
995-2239	Cover, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
997-8802	Battery, Box	202-213-251-290	S3	4.0 6.5	0	5	91V	x	A
997-8803	Cover, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
999-3276	Retainer, Battery	202-213-251-290	S3	4.0 6.5	0	5	91V	X	A
999-9141	Battery, Thermal (1)	155-178-190-201-202-211-213-232-274-286	S2	2.5 4.0	9	2	002	A	A
<b>Change 1 A-116</b>									

APPENDIX A-62 BATTERIES, PRIMARY--CONTINUED  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
6135-01 015-1223	Battery, Dry(1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	8	1	003	A	X
034-0335	Battery (1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	X	1	003	A	D
034-2239	Battery (1)	111-113-145-155-178-104-202-286	S2	2.5	4.0	X	1	003	A	D
036-3495	Battery (1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	x	1	003	A	D
055-9627	Battery (1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	X	1	91V	A	D
063-1978	Battery, Dry (1)	111-113-145-155-178-185-202-286	S2	2.5	4.0	7	1	003	A	X
069-8575	Battery, Primary (1)	155-178-190-201-211-213-231-274 286	S2	2.5	4.0	X	1	003	A	D
070-3865	Battery (1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	8	1	003	A	X
072-4325	Battery (1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	4	1	003	A	X
088-2707	Battery (1)	111-113-145-155-178-184-202-286	SZ	2.5	4.0	X	1	003	A	D
088-2708	Battery (1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	X	1	003	A	D
090-5364	Battery (1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	X	1	003	A	D
090-5365	Battery (1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	X	1	003	A	0
094-6536	Battery (1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	7	1	003	A	X
104-4485	Battery (1)	111-113-145-155-178-184-202-286	S2	2.5	4.0	9	1	003	A	X

APPENDIX A-63 BATTERIES, SECONDARY  
SSS REQUIREMENTS

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6140-00</u>									
066-7079	Lead Storage Battery	113, 145, 155, 186, 190, 206, 230	S2	2.5 4.0	7	1	91V	A	X
156-3926	Battery, Storage	113, 145, 155, 186, 190, 206, 230	S2	2.5 4.0	7	1	91V	A	X
935-2688	Battery, Storage	113, 145, 155, 186, 190, 206, 230	S2	2.5 4.0	7	1	91V	A	X
948-1554	Battery, Storage	113, 145, 155, 186, 190, 206, 230	S2	2.5 4.0	3	1	91V	A	X
990-9544	Battery, Storage	113, 145, 155, 186, 190, 206, 230	S2	2.5 4.0	7	1	91V	A	X
<u>6140-01</u>									
026-9860	Battery, Storage	113, 145, 186, 190, 202, 230	S2	2.5 4.0	0	1	91V	A	X

**APPENDIX A-64 WIRE AND CABLE, ELECTRICAL  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
6145-01 067-7774	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7775	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7776	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7777	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7778	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7779	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7780	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7781	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7782	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7783	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7784	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7785	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7786	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7787	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-7788	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B
067-778	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.9 6.5	0	4	002	A	B
067-7790	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0 6.5	0	4	002	A	B



**APPENDIX A-64 WIRE AND CABLE, ELECTRICAL--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6145-01</u>									
067-7791	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251\	S3	4.0    6.5	0	4	002	A	B
067-7792	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0    6.5	0	4	002	A	B
067-7793	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0    6.5	0	4	002	A	B
067-7794	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0    6.5	0	4	002	A	B
067-7795	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0    6.5	0	4	002	A	B
067-7796	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0    6.5	0	4	002	A	B
068-6852	Cable, Special Purpose	141, 148, 162, 190, 202, 230, 241, 248, 250, 251	S3	4.0    6.5	0	4	002	A	B
<b>A-120</b>									

**APPENDIX A-65 ELECTRIC PORTABLE AND HAND LIGHTING EQUIPMENT  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<p><u>6230-00</u>  712-5619</p>	<p>Searchlight Set</p>	<p>123, 140, 141, 148,186, 190, 202, 213, 223, 230, 250, 251, 290</p>	<p>S2</p>	<p>2.5      4.0</p>	<p>0</p>	<p>3</p>	<p>91V</p>	<p>A</p>	<p>Z</p>	

APPENDIX A-66 DEPOT REPORTED STOCK NUMBER

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
6244-31		-----See note 1, table A-1-----							
168-7121	Dep. Reported STK-No				1				
168-7124	Dep. Reported STK-No				1				
168-7125	Dep. Reported STK-No				1				
168-7128	Dep. Reported STK-No				7				
168-7129	Dep. Reported STK-No				7				
168-7131	Dep. Reported STK-No				7				
168-7132	Dep. Reported STK-No				7				
168-7133	Dep. Reported STK-No				7				
168-7135	Dep. Reported STK-No				7				
168-7140	Dep. Reported STK-No				7				
168-7141	Dep. Reported STK-No				8				
168-7142	Dep. Reported STK-No				5				
168-7143	Dep. Reported STK-No				5				
168-7144	Dep. Reported STK-No				5				
168-7145	Dep. Reported STK-No				5				
168-7147	Dep. Reported STK-No				7				
168-7149	Dep. Reported STK-No				7				
168-7168	Dep. Reported STK-No				3				
168-7170	Dep. Reported STK-No				3				
168-7172	Dep. Reported STK-No				3				
168-7173	Dep. Reported STK-No				3				
168-7193	Dep. Reported STK-No				5				
168-7194	Dep. Reported STK-No				5				
168-7199	Dep. Reported STK-No				8				
168-7200	Dep. Reported STK-No				9				
168-7201	Dep. Reported STK-No				1				
168-7204	Dep. Reported STK-No				8				
168-7205	Dep. Reported STK-No				8				
168-7206	Dep. Reported STK-No				8				
168-7223	Dep. Reported STK-No				4				

**APPENDIX A-66 DEPOT REPORTED STOCK NUMBER--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6244-31</u>  168-7224 168-7237 168-7251 168-7261 168-7282  168-7285	Dep. Reported STIC-No Dep. Reported STK-No Dep. Reported STK-No Dep. Reported STK-No Dep. Reported STK-No  Dep. Reported STK-No	-----See note 1, table A-1-----			4 6 2 1  1				

**APPENDIX A-67 MISCELLANEOUS ALARM AND SIGNAL SYSTEMS  
SSS REQUIREMENTS**

NATIONAL STOCK Number (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL (AQL)	SHELF LIFE (SLC)	INS' FREQ (IFC)	TEST REQ'D (TRC)	PRESERVA TION (PPC)	TYPE STORAGE (TSC)
<u>6350-00</u>									
069-8790	Radiation Detection	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S2	2.5    4.0	0	3	002	A	A
169-1199	Alarm Set, Anti-Intr	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S2	2.5    4.0	0	3	003	A	B
169-1203	Alarm	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S2	2.5    4.0	0	3	004	A	B
169-1207	Alarm Set, Anti-Intr	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S2	2.5    4.0	0	3	05	A	B
169-1225	Alarm Set, Anti-Intr	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S2	2.5    4.0	0	3	006	A	B
169-1226	Alarm Set, Anti-Intr	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S2	2.5    4.0	0	3	007	A	B
179-1603	Detector Set	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S2	2.5    4.0	0	3	008	A	B
179-1604	Receiver Set	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S2	2.5    4.0	0	3	009	A	B
179-1628	Detector Set	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 230, 250, 251, 2900	S2	2.5    4.0	0	3	010	A	B
182-7621	Battery, Alarm Set	123, 140, 141, 148, 155, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S2	2.5    4.0	0	3	011	A	B
401-0576	Detector Set	123, 140, 141, 148, 162, 186, 190, 202, 213, 223, 2JO, 250, 251, 290	S2	2.5    4.0	0	3	012	A	B
<u>6350-01</u>									
017-5745	Switchboard Theater	123, 140, 141, 148, 155, 162, 186, 190, 202, 213, 223, 230, 250, 251, 290	S2	2.5    4.0	N	3	013	A	A

**APPENDIX A-68 NAVIGATIONAL INSTRUMENTS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>6605-00</u> 569-9402	Indicator, Induction	123,140,141,148,102,186,190,202, 213,223,230,250,251,290  A-125	S2	2.5	4.0	0	3	91V	AA	



**APPENDIX A-70 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVA TION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
662 5-00 G02-0423	Oscilloscope	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.n	6.5	0	3	045	A	A
G02-0611	Counter Time	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	046	A	A
044-3328	35 Counter Electronic	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	002	A	A
064-5165	Test Set, Electronic	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.o	6.5	0	3	003	A	A
073-8473	Test Set, Electronic	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	004	A	A
082-4057	Maintenance Kit, Elec	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	005	A	B
086-6304	Test Set, Radio	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	006	A	A
087-1739	Oscilloscope	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	047	A	A
106-9622	Oscilloscope	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	C07	A	A
107-2098	Test Set, Electrical	123,140,141,148,169,186,190,202,213,223,240,250,251,290	S3	4.0	6.5	0	3	048	A	A
134-1435	Test Set, Repair, Sctr	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
141-3558	Ohmmeter	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	049	B	A
145-2669	Fault Locator, Cable	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	050	A	Z
148-8222	Meter, Audio Level	123,140,141,142,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	051	x	A
228-2201	Oscilloscope	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	008	A	A
229-1087	Generator, Signal	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	009	A	A
230-3835	Recorder, Thermal Os	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A



**APPENDIX A-70 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
6625-00										
243-0562	Multimeter	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	052	A	A
251-5212	Plug-In 11nit, Electr	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	053	A	A
403-7990	Test Set, Radar	123,140,141,148,162,186,100,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	010	A	A
404-3281	Test Set, Gyro Stabi	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
420-2386	Test Set, Telegraph	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	054	A	A
432-7312	Meter, Modulation	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	055	A	A
476-5554	Test Set Module Nav	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	011	A	A
480-8706	Meter, Modulator	123,140,141,148,162,186,190,202,213,223,230,250,251,29n	S3	4.0	6.5	0	3	056	x	z
491-3491	Reader, Punched Tape	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	012	A	A
532-4288	Oscilloscope	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	057	A	A
540-9051	Test Set, Telephone	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	058	A	A
542-6106	Test Set, Teletypewr	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	059	A	A
542-6111	Calibrator, Frequency	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	060	A	A

**APPENDIX A-70 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVA TION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
662 5-00 566-4576	Test Panel	123,140,141,148,186,190,202, 213,223,230,250,251,290O	S3	4.0	6.5	0	3	91V	AA	
569-0266	Test Set, Radar	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	013	AA	
600-9471	Modification Kit, AN/APM-123V	141,190,202,213,230,241,250, 251,290	S3	4.0	6.5	0.5	91v	A	B	
631-5501	Test Set, Radio	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	061	AA	
647-3737	Meter, Modulation	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	062	AA	
649-5194	Generator	123,140,141,148,162,186,190,202, 213,223,230,25n,251,290	S3	4.0	6.5	0	3	063	AA	
668-9749	Frequency Meter	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	014	AA	
679-6510	Plug In Unit, Electr	123,140,141,148,162,186,190,202, 213,223,?3n,250,251,290	S3	4.0	6.5	0	3	015	AA	
740-0344	Test Set, Telephone	123,140,141,148,162,186,190,202, 213,223,-3n,250,251,290	S3	4.0	6.5	0	3	016	AA	
753-2115	Voltmeter, Electronic	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	017	AA	
753-2294	Test Set, Electron T	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	s3	4.0	6.5	0	3	064	AA	
759-2882	Analyzer, flattery Ch	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	065	AA	
803-1300	Test Set, Radio	123,14r),141,148,162,186,190,202, 213,223,230,250,251,290	53	4.0	6.5	0	3	018	AA	
810-3917	Voltmeter, Electronic	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	066	AA	
823-4575	Load Termination	123,140,141,148,162,186,190,202, 213,?23,230,25n,251,290	S3	4.0	6.5	0	3	067	AA	
832-5784	Test Set	123,14n,]41,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	019	AA	
827-2545	Radio Interference	123,1140,141,148,155,162,186,190, ?02,213,223, 230,250,251,290	S3	4.0	6.5	5	3	068	AA	
855-8938	Test Set, Radar	123,140,141,148,162,186,190,202 213.223.230,250-251,290	S3	4.0	6.5	0	3	020	AA	

**APPENDIX A-70 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
6625-00 855-9448	Test Set, Subassembly	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
856-8643	Test Set, Electronic	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	021	A	A
868-8323	Test Set, Radio	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	022	A	A
872-3215	Generator, Signal	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	069	A	A
886-5915	Test Set, Compass Sy	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	023	A	A
892-5360	Frequency Meter	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	024	A	A
j892 -5 541	Test Set, Radio Freq	123,140,141,148,162p186,190,202, 213,223,230,250,251,290	S3 6	4.0 1	6.5	0	3	025	A	A
906-3325	Test Set, Receiving	123,140),141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	026	A	A
908-7381	Test Set, Amplifier	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	070	A	A
912-0429	Test Set, Radar	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	027	A	A
926-6996	Seal Assembly	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	X	Z
939-5894	Analyzer, Flight ,in	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	028	A	A
943-2059	Test Set, Radar	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	029	A	A
965-0195	Test Set, Teletypewr	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	030	A	A
965-0196	Test Set, Teletypewr	124,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	031	A	A
965-0197	Test Set, Teletypewr	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	032	A	A
987-9381	Analyzer, Bench Test	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	033	A	A
987-9382	Analyzer Flight IIN	123,140,141,148,162,186,190,202, 213.2723230,250,251,290	S3	4.0	6.5	0	3	034	A	A

**APPENDIX A-70 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
6625-00 987-9455	Generator, Timer Mar	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	035	A	A
999-6081	Test Set Directi	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	071	X	Z
6625-01 008-8738	Panel Test Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	036	A	A
010-6906	Isolator, Radio Freq	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	072	A	A
012-2024	Attenuator, Variable	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	073	A	A
017-7046	Generator, Color Bar	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	074	X	Z
018-4191	Console, Test Mutip	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	X	Z
021-3641	Synchronizer, Elect	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	3	3	075	A	A
024-7728	Test Set, Flight Lin	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	076	X	A
026-9914	Test Set, Comparator	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	037	A	A
030-5343	Power Meter Head	123,140,141,148,162,186,190,202,213,223,230,250,251,290	s3	4.0	6.5	0	3	077	A	A
033-3650	Meter, Special Scale	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	078	A	A
034-1066	Generator, Impulse N	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	079	A	A
038-6003	Test Set, Flight Lin	123,140,141,148,162,186,190,202,213,223,230,250,251,290	s3	4.0	6.5	0	3	080	A	A
039-4866	Power Head, Test Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	081	A	A
039-4867	Power Head, Test Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	082	A	A
039-4873	Stroboscope	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	083	A	A

**APPENDIX A-70 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
6625-01 042-9704	Test Set	123,140,141,148,162,186,190,202,213,22-3,230,250,251,290	s3	4.0	6.5	0	3	084	A	A
043-7589	Resistor, Decade	123,14n,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	085	A	A
047-3114	Counter, Electronic	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	038	A	A
051-9451	Test Set Group, Rada	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	086	x	A
052-3781	Test Station Group	123,140,141,148,162,186,190,202,213,223,230,250,251,290	s3	4,0	6.5	0	3	087	x	z
052-3881	Test Set, Transponde	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	039	A	A
055-0015	Test Set, Radar	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	088	A	A
057-6259	Power Supply Group	123,140,141,148,162,186,190,202,213,223,230,250,251,2qO	S3	4.0	6.5	0	3	089	x	A
060-6690	Test Set, Modem	J23,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	090	A	A
061-8928	Counter, Electronic	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	040	A	A
061-8929	Counter, Electronic	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	d	3	091	A	A
062-3600	Test Set, Radio Freq	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	092	A	A
063-1460	Generator, Sweep	123,140,141,148,155,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	3	1	093	A	A
063-1940	Tripod, Antenna	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	094	x	z
063-6597	Test Set, Digital Co	l'3,14(0,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	095	A	A
066-4493	Test Station Group	1'3,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	096	x	A
068-1564	Counter, Electronic	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	097	A	A

**APPENDIX A-70 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVA TION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
6625-01 068-6923	Electronic Componen	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
068-6924	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	041	A	A
068-6925	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	041	A	A
068-6946	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	041	A	A
068-6947	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,151,290,	S2	2.5	4.0	0	3	041	A	A
068-8566	Interconnect-Interf	141,148,190,202,230,241,248,250	S2	2.5	4.0	0	3	91V	X	A
069-4134	Wattmeter	141,148,162,190,202,230,241,248,250	S3	4.0	6.5	0	3	098	A	A
069-4967	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	041	A	A
069-6658	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	041	A	A
069-7058	Test Set Group, Rada	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.8	0	3	099	x	A
069-8667	Semitrailer, Van, Tes	140,141,148,186,190,202,230,240,241,250,251,290	S3	4.0	6.8	0	5	91V	X	A
070-3853	Guide, Printed Circti	190,202,241,251,290	S3	4.0	6.8	0	3	91V	x	A
070-4109	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	041	X	A
070-4110	Circuit Card Assemb)	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	041	X	A
070-4135	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	041	A	A
070-4165	Circuit Card Assemb	141,148,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	041	A	A
070-4403	Computer-Control Cr	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	100	X	A

**APPENDIX A-70 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>6625-01</u>										
070-4404	Repair Facility, Ele	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	5	91V	X	A
070-4405	Computer-Control Gr	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	X	A
070-4437	Electronic Componen	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6	0	3	91V	A	A
075-8479	Generator, Signal	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	043	A	A
078-2490	Test Set, Coulntermea	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	044	A	Z
085-4343	Interface Test, Proc	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	101	A	A
093-2261	Oscilloscope	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	102	A	A
098-1289	Line Printer	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	103	A	A
098-1290	Magnetic Tape Group	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	104	A	A
098-6956	Power Protect Kit	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	105	A	A
099-2457	Operator Control Gr	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	5	91V	A	A
101-1318	Oscilloscope	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	106	A	A
102-0052	Ohmmeter Assembly	123,140,141,148,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
104-0847	Ohmmeter	123,140,141,148,162,186,190,202, 213,223,230,250,251,290	S3	4.0	6.5	0	3	107	A	A

**APPENDIX A-71 CHEMICAL ANALYSIS INSTRUMENTS  
SSS REOUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVA TION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>6630-01</u>  034-6501	Meter, Purity	123,140,141,148,186,190,202 213,223,230,250,251,290  A-135	S3	4.0	6.5	0	4	91V	A	A



**APPENDIX A-72 TIME MEASURING INSTRUMENTS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<p>6645-00</p> <p>933-3803</p>	Clock, Battery Power	<p>123,140,141,148,186,190,202,213,223,230,250,251,290</p> <p align="center"><b>A-136</b></p>	S3	4.0	6.5	0	6	91V	A	A

**APPENDIX A-73 METEOROLOGICAL INSTRUMENTS AND APPARATUS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
6660-00 151-7772	Balloon, Meteorologi	102,113,130,140,141,148,150,151,155,240,241,250,251,	S3	4.0	6.5	9	3	91V	A	A
224-6137	Rawin Set	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	6.5	0	3	002	A	A
324-9426	Recorder, Radiosonde	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	6.5	0	3	003	A	A
393-2234	Radiosonde Recorder	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	6.5	0	3	004	A	A
408-4559	Charge, Hydrogen Gen	123,140,141,148,155,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	9	5	91V	A	A
526-6041	Balloon, Meteorologi	102,113,130,140,141,148,150,151,155,240,241,250,251	S3	4.0	6.5	9	3	91V	A	A
537-9195	Meteorological Stat	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	005	A	A
599-8252	Rawin Set	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	p	3	006	A	A
663-8075	Recorder, Wind Direc	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	008	A	A
663-8153	Balloon, Meteorologi	102,113,130,140,141,148,150,151,155,240,241,250,251	S3	4.0	6.5	9	3	91V	A	A
663-8155	Balloon, Meteorologi	102,113,130,140,141,148,150,151,155,240,241,250,251	S3	4.0	6.5	9	3	91V	A	A
663-8156	Balloon, Meteorologi	102,113,130,140,141,148,150,151,155,240,241,250,251	S3	4.0	6.5	5	2	91V	A	A
663-8159	Balloon, Meteorologi	102,113,130,140,141,148,150,151,155,240,241,250,251	S3	4.0	6.5	9	3	91V	A	A
682-4500	Recording Set, Weath	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	007	A	A
809-5114	Balloon, Meteorologi	102,113,130,140,141,148,150,151,155,240,241,250,251	S3	4.0	6.5	9	3	91V	A	A
809-5115	Balloon, Meteorologi	102,113,130,140,141,148,150,151,155,240,241,250,251	S3	4.0	6.5	9	3	91V	A	A
892-2342	Balloon, Meteorologi	102,113,130,140,141,148,150,151,155,240,241,250,251	S3	4.0	6.5	5	2	91V	A	A



**APPENDIX A-74 HAZARD-DETECTING INSTRUMENTS AND APPARATUS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>6665-00</u>										
017-8903	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	020	A	A
081-2219	Receiver Group	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	021	A	A
100-4284	Transmitter Group	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	022	A	A
100-4285	Transmitter Group	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	023	A	A
136-5401	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	002	x	A
179-9037	Calibrator, Set, Radi	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	003	A	A
243-8199	Radiacmeter	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	024	A	A
526-5334	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	004	A	A
526-8648	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	005	A	A
542-0729	Radiacmeter	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	006	A	A
542-1177	Charger, Radiac Dete	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	007	A	A
542-1587	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	008	A	A
543-1435	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	025	A	A
543-1443	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	009	A	A
691-3065	Radiacmeter	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	026	A	A
692-6601	Calibrator, Set, Radi	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	010	A	A
752-7759	Radiacmeter	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	011	A	A

**APPENDIX A-74 HAZARD-DETECTING INSTRUMENTS AND APPARATUS--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
6665-00 66575-00	Calibrator, Radiac	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	012	A	A
832-6159	Radioactive Test Sa	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	013	A	A
856-3456	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	014	A	A
856-8037	Radiacmeter	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	015	A	A
961-0846	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	016	A	A
965-1516	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	017	A	A
975-7222	Radiac Set	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	018	A	A
999-5145	Radiacmeter	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	019	A	A
044-3836	Computer-Indicator	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	026	x	z

**A-140**

**APPENDIX A-75 LIQUID GAS FLOW, LIQUID LEVEL, AND MECHANICAL MOTION MEASURING INSTRUMENTS  
55S REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>6680-00</u> 168-0957	Adapter Tachometer	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
<u>6680-01</u> 007-9470	Generator, Tachometer	123,140,141,148,162,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	002	A	A
008-3183	Converter, Velocity	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
035-5968	Counter, Rotating	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	A	A
<b>A-141</b>										

**APPENDIX A-76 PRESSURE, TEMPERATURE AND HUMIDITY, AND MEASURING AND CONTROLLING INSTRUMENTS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>6685-01</u>  018-0079	Pyrometer, Indicating	123,140,141,148,162,186,190,202, 213,223,230,240,250,251,290  A-142	S2	2.5	4.0	0	3	002	A	A





**APPENDIX A-78 CAMERAS, STILL PICTURE  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>6720-00</u> 890-7609	Control, Aircraft Ca	123,140,141,148,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	3	91V	A	A
<u>6720-01</u> 040-3536	Camera Set, Still Pi	123,140,141,148,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	3	91V	A	Z
040-3537	Camera Set, Still Pi	123,140,141,148,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	3	91V	A	Z
040-3538	Camera Set, Still Pi	123,140,141,148,186,190,202,213,223,230,240,250,251,290	S3	4.0	6.5	0	3	91V	A	Z
<b>A-144</b>										



**APPENDIX A-80 PHOTOGRAPHIC SUPPLIES  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>6750-01</u>  017-7372	Photo Meter	102,113,123,130,140,141,150,151, 155,186, 19(),241,250,251,290  A-146	S2	2.5	4.0	N	3	91V	A	A



**APPENDIX A-82 PHOTOGRAPHIC SETS, KITS, AND OUTFITS  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>6780-00</u> 496-9758	Processing Kit Photo	102,113,123,130,140,141,150,151, 155,186,190,241,250,251,290  A-148	S3	4.0	6.5	1	1	91V	A	A











**APPENDIX A-87 ADP CENTRAL PROCESSING UNIT (CPU, COM PUTER), DIGITAL  
SS8 REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVA TION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
<u>7021-01</u>										
041-4532	Power Supply Suhassm	102,113,141,148,155,186,190,202, 213,230,240,241,250,251	S3	4.0	6.5	N	5	91V	A	A
135-0027	Battery Computer Unit (BCU)	202,213,231, 233,241,251,254, 290,291,292,293,113,123,131, 133,141,151 .162,180,191,192, 193	S3	4.0	6.5	0	3	010	A	A
		<b>Change 1</b>	<b>A-153</b>							

**APPENDIX A-88 ADP INPUT/OUTPUT AND STORAGE DEVICES  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME (QOC)	QUALITY DEFECT FOR INSPECTION (IL)	INSP. LEVEL	ACCEPTABLE QUALITY LEVEL (AQL)		SHELF LIFE (SLC)	INSP. FREQ (IFC)	TEST RQD (TRC)	PRESERVATION PACKING	TYPE STORAGE TSC
				MAJOR	MINOR					
7025-00 621-1821	Disk Memory Unit	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	004	A	Z
008-8927	Data Storage Group	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	005	x	A
008-8928	Data Storage Group	123,140,141,148,186,190,202,213,223,230,25n,251,290	S2	2.5	4.0	0	3	006	x	A
020-8308	Automatic Digital M	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	002	x	A
038-3945	Gearcase-Motor	123,140,141,148,155,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	N	5	91V	A	A
040-3145	Gearcase-Motor	123,140,141,148,155,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	N	3	41v	A	A
043-8510	Circuit Card Assemb	141,148,155,162,186,150,202,213,230,240,241,248,250,251,290	S2 j	2.5	4.0	N	3	003	A	A
043-9494	Power Supply Subass	123,140,141,148,155,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	N	3	91V	A	A
043-9495	Power Supply Subass	123,140,141,148,155,186,190,202,213,223,230,250,?51,290	S3	4.0	6.5	N	3	91V	A	A
044-3824	Message Device Digi	123,140,141,148,155,186,190,202,213,223,230,250,251,290	s3	4.0	6.5	0	4	91V	A	A
045-0542	Power Supply	123,140,141,148,155,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	N	3	91V	A	A
047-2564	Circuit Card Assemh	141,148,155,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	N	3	003	A	A
047-2580	Multiplexer Set	123,140,141,148,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	N	3	007	A	A
048-5927	Cabinet, Electrical	113,141,150,151,155,190,240,241,290	s3	4.0	6.5	N	3	91V	A	A
044-3824	Message Device, Digital	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	0	4	91v	A	A	A
063--6272	Power Supply	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	I	3	91V	X	A
063-6273	Power Supply	123,140,141,148,186,190,202,213,223,230,250,251,290	S3	4.0	6.5	0	3	91V	X	A

**APPENDIX A-88 ADP INPUT/OUTPUT AND STORAGE DEVICES--CONTINUED  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC)	PRESERVATION PACK-(PPC)	TYPE STORAGE (TSC)
				MAJOR	MINOR					
7025-00										
063-6375	Circuit Card Assemb	141,148,155,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	003	x	A
063-6376	Circuit Card Assemb	141,148,155,162,186,190,202,213,230,240,241,248,250,251,290	S2	2.5	4.0	0	3	003	x	A
069-8999	Memory Unit	123,140,141,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	008	x	A
075-0067	Data Storage Group	123,140,141,186,190,202,213,223,230,250,251,290	S2	2.5	4.0	0	3	009	x	A
109-1784	Component Board Assm	141,148,155,162,186,190,202,213,230,240,241,248,250,251,240	S2	2.5	4.0	5	3	003	A	A
109-1788	Component Board Assm	141,148,155,162,186,190,202,213,230,240,241,248,250,251,2q0	S2	2.5	4.0	5	3	003	A	A
134-2329 (V1)	Gun Direction Unit (GDU)	113,123,131,133,141,151,162,180,191,192,193,202,213,231,233,241,251,254,290,291,292,293	S3	4.0	6.5	0	3	020	A	A
134-3219 (V2)	Gun Direction Unit (GDU)	113,123,131,133,141,151,162,180,191,192,193,202,213,231,233,241,251,254,290,291,292,293	S3	4.0	6.5	0	3	020	A	A
134-3219 (V3)	Gun Direction Unit (GDU)	113,123,131,133,141,151,162,180,191,192,193,202,213,231,233,241,251,254,290,291,292,293	S3	4.0	6.5	0	3	020	A	A
135-0026	Power Distribution Unit (PDU)	113,123,131,133,141,151,162,180,191,192,193,202,213,231,233,241,251,254,290,291,292,293	S3	4.0	6.5	0	3	030	A	A

APPENDIX A-89 ADP SOFTWARE  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC)	PRESERVATION PACK-(PPC)	TYPE STORAGE (TSC)
				MAJOR	MINOR					
7030-01 019-0278	Data Analysis	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S2	2.5	4.0	0	3	002	X	A
019-0279	Data Analysis Centr	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S2	2.5	4.0	0	3	003	X	A
075-0284	Data Analysis Centr	123,140,141,148,162,186,190,202,213,223,230,240,250,251,290	S2	2.5	4.0	0	3	004	X	A

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**APPENDIX A-90 ADP ACCESSORIAL EQUIPMENT  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC)	PRESERVATION PACK-(PPC)	TYPE STORAGE (TSC)
				MAJOR	MINOR					
7035-00 318-7649	Printed Wiring Boa	141,148,155,162,186,190,2()2,213,230,241,248,250,251,290	S2	2.5	4.0	N	3	002	x	A
318-7659	Printed Wiring Boa	141,148,155,162,186,19(),202,213,230,241,248,250,251,290	S2	2.5	4.0	N	3	002	x	A
360-9615	Circuit Card Assem	141,148,155,162,186,190,202,213,230,241,248,250,251,290	S2	2.5	4.0	N	3	002	X	A
7035-01 041-3438	Central Panel Maint	155,190,202,240,250,251,290	S3	2.5	4.0	N	3	91V	x	A

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**APPENDIX A-91 PUNCHED CARD EQUIPMENT  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC)	PRESERVATION PACK-(PPC)	TYPE STORAGE (TSC)
				MAJOR	MINOR					
7040-00										
019-3079	Punch Pad Assembly	190,202,241,251,29C	S3	4.0	6.5	0	6	91V	A	A
019-4576	Card Punch Head Assm	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	A
121-9078	Spring, Tape Perfora	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	Z
033-9869	Group Control matr	155,190,202,241,251,290	S3	4.0	6.5	P	3	91V	A	B
7040-01										
015-1860	Modification Kit	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	A	A
041-4376	Modification Kit	141,190,202,213,230,241,250,251,290	S3	4.0	6.5	0	6	91V	X	A
<b>A-158</b>										

**APPENDIX A-92 ADP SUPPLIES AND SUPPORT EQUIPMENT  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC)	PRESERVA TION PACK- (PPC)	TYPE STOR- AGE (TSC)
				MAJOR	MINOR					
7045-00										
097-8117	Seal Tape Reel	190,202,241,251,290	S3	4.0	6.5	0	6	91V	A	B
				<b>A-159</b>						





**APPENDIX A-94 GROUP CONTROL MATERIEL  
SSS REQUIREMENTS**

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL		SHELF LIFE (SLC)	INSP FREQ. (TRC)	TEST REQ'D IFC)	PRESERVA TION PACK- (PPC)	TYPE STOR- AGE (TSC)
				MAJOR	MINOR					
7440-00	Mar Orphan	See note 1, table A-1								
182-3206										



APPENDIX A-96 MISCELLANEOUS ITEMS  
SSS REQUIREMENTS

NATIONAL STOCK NUMBER (NSN)	ITEM NAME	QUALITY DEFECT FOR INSPECTION (QDC)	INSP LEVEL (IL)	ACCEPTABLE QUALITY LEVEL		SHELF LIFE (SLC)	INSP FREQ. ((TRC)	TEST REQ'D IFC)	PRESERVATION PACK-(PPC)	TYPE STORAGE (TSC)
				MAJOR	MINOR					
9999-00 018-6793	Message, Shelter	123,140,141,148,102,186,190,202,213,223,230,240,250,251,2B0	S3	4.0	6.5	0	5	91V	A	B
018-6795	Message, Shelter	123,140,141,148,102,186,190,202,213,223,230,240,250,251,280	S3	4.0	6.5	0	5	91V	A	B
A-163/A-164(blank)										

**APPENDIX B**

**SUPPLEMENTARY INSPECTION PROCEDURES**

Cyclic inspections, as previously stated, shall be performed in accordance with the coded storage requirements and criteria specified in appendix A and defined in section II of this Supply Bulletin.

Supplementary inspections are to be performed where the coded requirements per appendix A cannot adequately describe the acceptance/rejection criteria. They are applicable to a given item, or class of items as indicated in Appendix A and referenced in table A-1. Included in this appendix are references to applicable technical manuals, supplementary test instructions, and data sheets for performing the required tests. Note that information necessary for the fabrication of any special test equipment needed to perform the supplementary tasks is identified by the code 001 Section 2-2h of this bulletin provides a more detailed description of the application and use of appendix B.

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 1290  
(Ref Appendix A-4)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

<b>Instructions (slash sheet)</b>		<b>Applicable Item</b>	
<b>TRC No</b>	<b>Technical Manual/ Special Instructions</b>	<b>NSN No</b>	<b>Type No.</b>
002	TM11-5895-213-10,-12	<u>1290-00</u> 937-1037	GR-8
003	TM11-1290-387-10,-12,-40	<u>1290-01</u> 007-2452	RD-481/TNS-10

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 4920**

(Ref Appendix A-16)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

<b>Instructions (slash sheet)</b>		<b>Applicable Item</b>	
<b>TRC No</b>	<b>Technical Manual/ Special Instructions</b>	<b>NSN No</b>	<b>Type No.</b>
		<u>4920-01</u>	
003	SI-Circuit Card Assm	059-3060	N/A
003	SI-Circuit Card Assm	059-3061	N/A
003	SI-Circuit Card Assm	059-3062	N/A
003	SI-Circuit Card Assm	059-3063	N/A
003	SI-Circuit Card Assm	062-7628	N/A
		4920-00	
002		133-7834	

TEST PROCEDURE 003  
CIRCUIT CARD ASSEMBLY  
(Printed Circuit Board)

### 1 General.

This procedure provides a guideline for aiding the inspection team in quickly obtaining an overall assessment of the readiness of circuit card assemblies following periods of depot storage. This procedure is intended to be used only as a guide in performing assembly inspections; the actual inspection should incorporate other known defects and experience with assemblies under storage condition.

### 2 Visual Inspection.

A visual inspection shall be performed to identify any of the following defects:

*a. Printed Circuit/Wiring Board.*

- (1) Discoloration of conductor at point S of maximum conductor path reduction
- (2) Discoloration of base laminate
- (3) Lifting or wrinkling of the conductor from the base laminate
- (4) Cracks, chips, or bulges on board surfaces
- (5) Warp or twist of board
- (6) Delaminations: internal or external separation of layers of base material (paper or glass)
- (7) Cuts, cracks, or scratches in conductor
- (8) Board visible through copper
- (9) standoff terminal: any standoff terminal that can be turned or removed by hand.

*b. Printed Circuit/wiring Board with Components.*

- (1) Loose or missing components from printed circuit board/assembly
- (2) Poor or cold solder connections at components to printed circuit board mounting points
- (3) Damaged or deteriorated components on printed circuit board/assembly.

Each defect found shall be counted as major.

### 3 Plating Adhesion Test.

Check for the adhesion and peeling of the conductor to board by performing the following test (see data sheet, figure B-1): A strip of pressure-sensitive cellulose tape conforming to type 2, class A of L-T-90, 1/2-in. wide and 2 inches long, shall be placed across the surface of the conductor pattern and pressed firmly to the conductors, eliminating air bubbles. A tab shall be left for pulling. The tape shall be pulled with a snap pull at an angle of approximately 90° to the board. Tape shall be applied to, and removed from, three different locations on each board tested. When edge board contacts are part of the pattern, at least one pull must be on the contacts. Fresh tape shall be used for each pull. Any looseness of bond on any conductor length, and peeling of conductor (defect most prevalent at terminals and at ends of conductor contacts) is to be counted as a major defect.



**STORAGE SERVICEABILITY STANDARDS TEST DATA SHEET**  
**To: Cdr, CECOM, ATTN: DRSEL-PA-E (SSS), Ft. Monmouth, NJ 07703**

From: \_\_\_\_\_ Contract No: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_

NSN: \_\_\_\_\_ Serial No: \_\_\_\_\_

**INSPECTION TABLE A**

QUALITY DEFECT CODE				ACCEPT	REJECT
DESCRIPTION	SEVERITY				
	1	2	3		
02					
13					
23					
30					
40					
41					
45					
48					
50					
51					
55					
62					
86					
90					

Storage Location: \_\_\_\_\_ Inspection Level: \_\_\_\_\_ AQL Major: \_\_\_\_\_ AQL Minor: \_\_\_\_\_

Lot Size: \_\_\_\_\_ Sample Size: \_\_\_\_\_ No. of Rejects: \_\_\_\_\_

**INSPECTION TABLE B**

TITLE OF INSPECTION	REQUIRED	VERIFY	
		ACCEPT	REJECT
Adhesion test	No looseness of bonding		

Lot Accepted \_\_\_\_\_ Lot Rejected \_\_\_\_\_

	SIGNATURE	DATE	SYMBOL	AUTOVON
TESTER				
INSPECTOR				

*Figure B-1. Storage Serviceability Standards Test Data Sheet for Test Procedure 003, Circuit Card assembly.*

**SUPPLEMENTARY INSPECTION PROCEDURE****CLASS 4940**

(Ref. Appendix A-17)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>4940-00</u>	
002	TM11-4940-245-14	177-6835	AN/ASM-190A
003	TM11-4940-246-14	234-6114	AN/ASM-189A
004	TM11-4940-238-14-1	435-7764	AN/ASM-146B
005	TM11-4940-238-14-1	435-7765	AN/ASM-147B
006	TM11-4940-238-15	887-8726	AN/ASM-146
007	TM11-4940-209-15	887-8730	AN/ASM-189
008	TM11-4940-207-12	887-8731	AN/GSM-44
009	TM11-4940-238-15	912-3532	AN/ASM-147
010	TM11-4940-209-15	965-0317	AN/ASM-190
		<u>4940-01</u>	
011	TM11-4940-476-14	018-2505	AN/ALM-153
012		052-3773	
013		053-5534	
014		072-4449	
015		082-8342	

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5805**

(Ref. Appendix A-25)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>5805-00</u>	
002	TM11-5805-574-15	010-5287	AN/TSC-58
003	TM11-5805-358-14-2	089-6253	AN/TCC-69
004	TM11-5805-585-14-2	134-5405	AN/TCC-73V-1
005	TM11-5805-479-14-2	155-5599	AN/TCC-72
006	TM11-5805-371-14-2	155-4368	AN/TCC-65
007	TM11-5805-284-14	167-7628	AN/MTC-1A
008	TM11-5805-359-14	167-7982	AN/TCC-62
009	TM11-5805-628-12,-34,-35	186-0681	AN/TCC-38V-1
010	TM11-5805-240-12,-35	356-2661	AN/TCC-11
011	TM11-5805-288-15	831-6063	AN/MTC-9
012	TM11-5805-357-14-2	877-8741	AN/TCC-61
013	TM11-5805-356-12	902-3087	AN/TCC-29
014	TM11-5805-340-15	908-6398	AN/MGC-34
015	TM11-5805-389-15	908-6400	AN/MTC-10
016	TM11-5805-284-14	926-0255	AN/MTC-1
017	TM11-5805-582-15	935-8082	AN/TTC-29
018	TM11-5805-391-15	937-3179	AN/TTC-23
019	TM11-5805-285-15	941-0871	AN/MCC-6
020	TM11-5805-205-ESC,-15	943-6762	AN/MSC-29
021	TM11-5805-371-14-2	101-0533	AN/TCC-65B
022	168-1540		
023	168-1548		
024	213-2354		
025	411-8103		
026	430-8615		
027	503-1268		
028	503-2616		
029	503-2775		
030	543-0012		
031	907-8300		
032	039-3499		
		<u>5805-01</u>	
033	063-1360		
034	148-6933		

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5815**  
(Ref. Appendix A-26)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>5815-00</u>	
002	TM11-5315-210-15-1	053-2020	AN/MGC-9A
003	TM11-5815-204-20	082-4205	AN/GRC-46C
004	TM11-5815-281-12	134-1339	AN/GGC-9A
005	TM11-5815-361-14	156-4365	AN/TGC-30
006	TM11-5815-334-12,-35	167-7998	AN/GRC-122
007	TII1-5815-206-12,-ESC	198-4438	TT-4B&4C/TG
008	TM11-5815-206-12,-ESC	198-5963	AN/PGC-1
009	IM11-5815-331-14	224-8129	AN/VSC-2
010	TM11-5815-332-15	224-3130	AN/VSC-3
Oil	TM11-5815-334-12	401-9720	AN/GRC-142
012	TM11-5815-602-12-34	402-5296	AN/UGC-74V3
013	TM11-5815-334-12	443-5511	AN/GRC-142B
014	TM11-5815-238-12	503-2760	TT-76/GGC
015	TM11-5815-238-12	503-3309	AN/GGC-3
016	TM11-5820-256-10	518-0398	AN/GRC-26D
017	TM11-5815-204-20	543-1760	AN/GRC-46-46A
018	TM11-5815-238-12	553-6061	TT-76A&B&C/GGC
019	IM11-5820-202-10,-20	709-0638	AN/GRC26B
020	TM11-5815-309-15	766-5076	AN/MGC-32
021	TM11-5815-307-15	766-5080	AN/MGC-22
022	TM11-5815-308-15	766-5086	AN/MGC-23
023	TM11-5895-222-14	923-2400	AN/MGC-19
024	IM11-5815-205-ESC,-14	926-0162	AN/MGC-17
025	1M11-5815-334-12,-35	937-5295	AN/GRC-122B
026	TM11-5815-210-15	945-6606	AN/MGC-9
027	TM11-5815-263-12	018-4196	AN/FGC-172
028	TM11-5815-332-15	102-5916	AN/VSC-3A
029	G01-0095		
030	G01-0096		
031	GO0-0097		
032	401-9719		
033	SI-Cable/Wiring Assm	401-9723	N/A
		<u>5815-01</u>	
034	068-6816		

## TEST PROCEDURE 033 ELECTRICAL CABLE/WIRING HARNESSSES

### 1 General.

Only calibrated instruments meeting the requirements of this section shall be used for testing. The accuracy of the test instrument shall be  $\pm 5$  percent or better. Unless atmospheric conditions of tests are specified in the individual test procedure, all measurements and tests (see data sheet, figure B-2) are to be made under the following conditions

Temperature:	$25^{\circ} \pm 5^{\circ}\text{C}$ ( $77.0 \pm 9.0\text{F}$ )
Air Pressure:	27 to 31 inches of mercury
Relative Humidity:	30 to 60 percent

### 2 Definitions.

The following definitions are for clarification of this specification:

*Continuity* is the verification of interconnected end points of an electrical conductor, except when the actual maximum electrical resistance is specified on the engineering drawing; then it becomes a resistance measurement between the two end points of the conductor.

*Withstand voltage* tests are those made to determine the ability of insulating materials and spacing to withstand overvoltage without flashover or breakdown.

*Wire bundle* is a number of wires or wire groups routed together and bound by bundle ties.

*Wire group* is a number of wires tied together and routed to a single item or set of equipment.

*Wiring* is a term which designates wires, harness and cable, and their associated hardware, in any stage of assembly or installation.

Insulation resistance is the resistance of an insulated conductor offered by its insulation to an impressed direct voltage.

*Shield* is a braided metallic conductor applied over the basic wire or cable to isolate the conductor from extraneous electrical and magnetic fields.

### 3 Precautions.

All personnel involved in the testing of electrical cables, wiring, and harnesses shall be properly instructed to operate the test equipment and adequately trained to carry out the test procedure. The test in this procedure shall not be made in explosion hazardous areas which either contain or have contained explosive material, except when the test can be performed with an explosion-safe type tester.

Most of the equipment used in the testing of electrical wiring involves the use of hazardous voltage and current. Safety precaution must be taken against electrical shock in operating such electrical test equipment. Whenever an electrical shock

injury occurs, call for a physician and ambulance immediately and employ artificial respiration if necessary.

Testing of circuits with squibs and other detonators installed is hazardous. Do not test circuits with squibs and other detonators to this procedure.

**4Wiring Without Connectors.**

*a. Continuity.*

- (1) Determine continuity of wiring by measuring the dc resistance of each conductor, including shielding where accessible. The test current must not reach damaging level current.
- (2) Test for the absence of shorts between each wire in a bundle and all other wires and shields in the bundle.
- (3) Do not measure resistance of thermocouple and other calibrated resistance wiring.
- (4) Allowance may be made to compensate for the electrical characteristics of test instrumentation and wiring.
- (5) Reject wiring which exceeds the resistance values given in the following table.

Wire Size	Maximum Resistance (for wire length 0-100 ft)	Add (for wire length over 100 ft, 60°- ohms1000F), ohm/ft
#26 through #24	10	0.10
#22 and larger	2	0.02
Shielding	10	0.10

*b. Withstand Voltage.*

- (1) Conduct withstand voltage test on all wiring by applying 1500 volts rms, 60 Hz for 5 seconds, minimum, between each wire and all other wires and shields in the wire bundle electrically connected together as a group.
- (2) Conduct withstand voltage test on all ungrounded shields by applying 1000 volts rms, 60 Hz for 5 seconds, minimum, between each ungrounded shield and all other shields electrically connected together as a group.
- (3) Sequence:
  - (a) Preferred--conduct withstand voltage and insulation resistance tests simultaneously using equipment having in-phase current measurement capability.
  - (b) Alternate--when equipment having in-phase current measurement capability is not available, conduct withstand voltage test before conducting insulation resistance test.
  - (c) Conduct insulation resistance test before and after the withstand voltage test when called out on the engineering drawing.

- (4) The test voltage shall be applied and removed at a rate not exceeding 500 volts per second. As an option, the voltage may be applied or removed instantaneously by switching the secondary of the high voltage transformer.
- (5) Reject wiring which fails withstand voltage test. Failed wiring is that which exhibits any of the following:
  - (a) Voltage breakdown (puncture)
  - (b) Flashover
  - (c) Excessive current based on testing of similar wire, or increasing test current
  - (d) Excessive in-phase current.

*c. Insulation Resistance.*

- (1) Perform an insulation resistance test on all assembled wiring. Test voltage shall be within the range of 200 to 1000 volts dc and shall be applied between each wire and all other wires and shields in the wire bundle electrically connected together. The time of electrification shall be one minute, maximum.
- (2) The minimum acceptable insulation resistance is 100 megohms, except as noted in (3) and (4) below.
- (3) Testing shall be done at temperatures below 100 F. If wiring is tested above 82°F, the minimum acceptable resistance requirement (100 megohms) shall be reduced by 2 percent for every Fahrenheit degree above 82°F. If wiring is tested at a temperature below 60°F, the minimum acceptable resistance requirement (100 megohms) shall be increased by 2 percent for every Fahrenheit degree below 60°F.
- (4) Allowance may be made to compensate for the electrical characteristics of test instrumentation and wiring (test leads and adapter harness).
- (5) Reject wiring which does not meet the insulation resistance requirements.

**5Wiring With Connectors.**

- a. Continuity. Perform continuity test per paragraph 4.a.*
- b. Withstand Voltage. Perform withstand voltage test per paragraph 4.b.*
- c. Insulation Resistance.*

- (1) The test voltage for performing insulation resistance tests shall be within the range of 200 to 1000 volts dc and shall be applied between each wire and all other wires and shields in the cable assembly electrically connected together to connector shell(s). The time of electrification shall be one minute maximum.
- (2) The insulation resistance must exceed the values given in the following table except as noted in (3) and (4) below. For cable/wiring assemblies over 100 ft in length, the insulation resistance requirement shall be divided by each multiple of 100 ft of their length.

Wire Size and Configuration	Insulation Resistance (for wire length 0-100 ft, 60'-82-F) megohms
#14 and smaller	500
#12 and larger	100
Junction-boxes and patch plugs	100
Coaxial cable-- Inner to outer conductor	500

- (3) Testing shall be done at temperatures between 600 and 820F. If wiring is tested above 820F, the minimum acceptable resistance requirement (see table above) shall be reduced by 2 percent for every Fahrenheit degree above 82°F. If wiring is tested at a temperature below 600F, the minimum acceptable resistance requirement (see table above) shall be increased by 2 percent for every Fahrenheit degree below 600F.
- (4) Allowance should be made to compensate for the electrical characteristics of test instrumentation, including harnesses.
- (5) Reject wiring which does not meet the insulation resistance requirements.



**STORAGE SERVICEABILITY STANDARDS TEST DATA SHEET**  
**To: Cdr, CECOM, ATTN: DRSEL-PA-E (SSS), Ft. Monmouth, NJ 07703**

From: \_\_\_\_\_ Contract No: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_

NSN: \_\_\_\_\_ Serial No: \_\_\_\_\_

**INSPECTION TABLE A**

QUALITY DEFECT CODE				ACCEPT	REJECT
DESCRIPTION	SEVERITY				
	0	1	2		
02					
13					
23					
30					
40					
41					
45					
48					
50					
51					
55					
62					
86					
90					

Storage Location: \_\_\_\_\_ Inspection Level: \_\_\_\_\_ AQL Major: \_\_\_\_\_ AQL Minor: \_\_\_\_\_

Lot Size: \_\_\_\_\_ Sample Size: \_\_\_\_\_ No. of Rejects: \_\_\_\_\_

Lot Accepted \_\_\_\_\_ Lot Rejected \_\_\_\_\_

	SIGNATURE	DATE	SYMBOL	AUTOVON
TESTER				
INSPECTOR				

*Figure B-2. Storage Serviceability Standards Test Data Sheet for Test Procedure 033, Electrical Cable/Wiring- Harnesses.*

**STORAGE SERVICEABILITY STANDARDS DATA SHEET  
INSPECTION TABLE B**

TITLE OF INSPECTION (without connectors)	REQUIRED		VERIFY	
			ACCEPT	REJECT
Continuity	Wire Size	Maximum Resistance		
	#26 thru #24 #22 & larger shielding	10 ohms 2 ohms 10 ohms		
Withstand Voltage	No voltage breakdown No flashover No excessive current No excessive in phase current			
Insulation Resistance	100 megohms (minimum)			
TITLE OF INSPECTION (with connectors)	REQUIRED		VERIFY	
			ACCEPT	REJECT
Continuity	Wire Size	Maximum Resistance		
	#26 thru #24 #22 & larger shielding	10 ohms 2 ohms 10 ohms		
Withstand Voltage	No voltage breakdown No flashover No excessive current No excessive in phase current			
Insulation Resistance	Wire Size	Minimum Resistance		
	#14 & smaller #12 & larger J-boxes/patch plugs Coaxial cable (Inner Conductor to outer con- ductor)	500 megohms 100 megohms 100 megohms 500 megohms		

*Figure B-2. Storage serviceability Standards Test Data Sheet  
for Test Procedure 033, Electrical Cable/Wiring Harnesses--  
Continued.*

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5820**  
**(Ref. Appendix A-27)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		5820-00	
002	TM11-5820-460-12	006-1831	AN/TRC-151
003	T	M11-5820-769-15	006-1832AN/TRC-152
004	TM11-5835-224-12	056-6856	AN/GRA-71
005	TM11-5895-221-14	069-8912	AN/MRC-73V
006	TM11-5820-549-12	069-8931	AN/PRR-9
007	POM11-5820-542-15	089-7358	AN/TRR-18
008	TM11-5820-510-12-1	104-0351	AN/PRC-41A
009	TM11-5820-773-15	133-8841	AN/TRC-138
010	TM11-5820-549-12	133-8980	AN/PRT-4A
011	TM11-5820-203-15	148-6150	AN/MRC-54V-1
012	TM11-5895-221-14	155-8570	AN/MRC73A-V-1
013	TM11-5820-818-10	165-2961	AN/GRQ-21
014	TM11-5920-366ESC,-15	167-7936	AN/TRC-117V
015	TM11-5820-536-15	167-7999	AN/TRC-109V
016	TM11-5820-469-ESC,-10	168-1557	AN/TRC-80
017	TM11-5820-556-15	168-1561	AN/TRC-112
018	TM11-5820-602-15	168-1562	AN/TRC-121
019	TM11-5820-535-15	168-9544	AN/TRC-110V
020	TM11-5820-540-12-1	177-1641	AN/PRC-74C
021*	SI-Circuit Card Assm	185-7226	N/A
021*	SI-Circuit Card Assm	193-0272	N/A
021*	SI-Circuit Card Assm	193-0292	N/A
021*	SI-Circuit Card Assm	193-0387	N/A
021*	SI-Circuit Card Assm	193-0458	N/A
021*	SI-Circuit Card Assm	193-0848	N/A
021*	SI-Circuit Card Assm	193-0920	N/A
021*	SI-Circuit Card Assm	193-0975	N/A
021*	SI-Circuit Card Assm	195-1001	N/A
021*	SI-Circuit Card Assm	201-3654	N/A
021*	SI-Circuit Card Assm	201-3657	N/A
021*	SI-Circuit Card Assm	201-3659	N/A
021*	SI-Circuit Card Assm	201-3685	N/A

\*See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assim."

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5820--Continued**  
**(Ref. Appendix A-27)**

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		5820-00	
021*	SI-Circuit Card Assm	201-3700	N/A
021*	SI-Circuit Card Assm	201-3771	N/A
021*	SI-Circuit Card Assm	201-3772	N/A
021*	SI-Circuit Card Assm	201-3774	N/A
021*	SI-Circuit Card Assm	201-8856	N/A
021*	SI-Circuit Card Assm	204-3004	N/A
021*	SI-Circuit Card Assmri	207-9821	N/A
021*	SI-Circuit Card Assm	219-9991	N/A
022	TM11-5820-448-ESC/1-12	223-7411	AN/GRC-125
023	TM11-5820-401-ESC/1-12	223-7412	AN/VRC-12
024	TM11-5820-222-ESC/1-20	223-7413	AN/VRC-24A
025	TM11-5820-401-ESC/1-20	223-7415	AN/VRC-43
026	TM11-5820-401-12	223-7417	AN/VRC-44
027	TM11-5820-401-12	223-7418	AN/VRC-45
028	TM11-5820-401-ESC,-12,-20	223-7433	AN/VRC-46
029	TM11-5820-401-12	223-7435	AN/VRC-48
030	TM11-5820-498-ESC	223-7467	AN/VRC-53
031	TM11-5820-498.ESC/4	223-7473	AN/GRC-160
032	TM11-5820-498-ESC	223-7475	AN/VRC-64
033	TM11-5820-520-ESC,-12	223-7548	AN/GRC-106A
034**	SI-Cable/Wiring Assin	401-9659	N/A
035	TM11-5820-520-ESC,-12	402-2263	AN/GRC-106
036	TM11-5820-222-ESC11,-20	402-2264	AN/VRC-24
037	TM11-5820-610-14	464-1616	AN/TRC-133A
034**	SI-Cable/Wiring Assm	492-8258	N/A
034**	SI-Cable/Wiring Assm	492-8270	N/A
034**	SI-Cable/Wiring Assm	493-3035	N/A
034**	SI-Cable/Wiring Assm	493-3036	N/A
034**	SI-Cable/Wiring Assm	493-3037	N/A
034**	SI-Cable/Wiring Assm	493-3040	N/A
034**	SI-Cable/Wiring Assm	493-7489	N/A
034**	SI-Cable/Wiring Assm	493-7490	N/A
034**	SI-Cable/Wiring Assm	493-7493	N/A
034**	SI-Cable/Wiring Assm	493-7494	N/A
034**	SI-Cable/Wiring Assm	493-7513	N/A

\*See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assm."

\*\*See Test Procedure Instructions 033, Class 5815, "SI-Cable/Wiring Assm."

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5820--Continued**  
**(Ref. Appendix A-27)**

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		5820-00	
034**	SI-Cable/Wiring Assm	493-7514	N/A
034**	SI-Cable/Wiring Assm	494-6618	N/A
034**	SI-Cable/Wiring Assm	494-6620	N/A
034**	SI-Cable/Wiring Assm	494-6623	N/A
034**	SI-Cable/Wiring Assm	494-6624	N/A
034**	SI-Cable/Wiring Assm	494-6625	N/A
034**	SI-Cable/Wiring Assm	494-6627	N/A
034**	SI-Cable/Wiring Assm	494-6636	N/A
034**	SI-Cable/Wiring Assm	494-6638	N/A
034**	SI-Cable/Wiring Assm	494-6639	N/A
034**	SI-Cable/Wiring Assm	494-6641	N/A
038	TM11-5820-335-20	503-3428	T-195/GRC-19
034**	SI-Cable/Wiring Assm	762-4851	N/A
034**	SI-Cable/Wiring Assm	762-4852	N/A
034**	SI-Cable/Wiring Assm	762-4853	N/A
034**	SI-Cable/Wiring Assm	762-4854	N/A
034**	SI-Cable/Wiring Assm	762-4855	N/A
034**	SI-Cable/Wiring Assm	762-4856	N/A
034**	SI-Cable/Wiring Assm	762-4870	N/A
034**	SI-Cable/Wiring Assm	762-4876	N/A
039	TM11-5895-453-ESC,-14	791-3365	AN/TRC-145
040	TM11-5820-398-ESC,-12,-20	857-0759	AN/PRC-25
041	TM11-5820-562-ESC,-14	868-8211	AN/TRC-113
042	TM11-5820-204-15	889-3884	AN/MRC-69V
043	TM11-5820-510-12	889-3997	AN/PRC-41
044	TM11-5820-401-12	892-0622	RT-524/VRC
044	TM11-5820-401-12	892-0623	RT-246/VRC
046	TM11-5820-401-34/3	892-0624	R-442/VRC
047	TM11-5820-474-14	892-0881	AN/GRC-109
048	TM11-5820-461-12	892-3852	AN/GRC-50V-'
049	TM11-5820-535-15	926-7274	AN/TRC-110
050	TM11-5820-667-ESC,-12	930-3724	AN/PRC-77
051	TM11-5820-590-12-1	935-0030	AN/PRC-743
034**	SI-Cable/Wiring Assm	936-9946	N/A
034**	SI-Cable/Wiring Assm	936-9948	N/A
034**	SI-Cable/Wiring Assm	938-0217	N/A

\*\*See Test Procedure Instructions 033, Class 5815, "SI-Cable/Wiring Assm."

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5820--Continued**  
**(Ref. Appendix A-27)**

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		5820-00	
052	TM11-5820-469-20	938-0225	AN/TRC-80A
053	TM11-5820-469-10,-20	933-0226	AN/TRC-80B
034**	SI-Cable/Wiring Assm	938-0271	N/A
054	TM11-5820-203-15	999-1796	AN/MRC-544
021*	SI-Circuit Card Assm	034-3893	N/A
021*	SI-Circuit Card Assmn	034-3894	N/A
021*	SI-Circuit Card Assm	034-3895	N/A
021*	SI-Circuit Card Assm	034-3896	N/A
021*	SI-Circuit Card Assm	034-3897	N/A
021*	SI-Circuit Card Assm	034-3898	N/A
021*	SI-Circuit Card Assm	034-3899	N/A
021*	SI-Circuit Card Assm	034-3900	N/A
021*	SI-Circuit Card Assm	035-3017	N/A
021*	SI-Circuit Card Assm	040-9389	N/A
021*	SI-Circuit Card Assm	040-9390	N/A
021*	SI-Circuit Card Assm	042-2526	N/A
021*	SI-Circuit Card Assm	042-2527	N/A
021*	SI-Circuit Card Assm	042-2528	N/A
021*	SI-Circuit Card Assm	042-2529	N/A
021*	SI-Circuit Card Assm	042-2530	N/A
021*	SI-Circuit Card Assm	045-3440	N/A
021*	SI-Circuit Card Assm	046-4917	N/A
021*	SI-Circuit Card Assm	053-2554	N/A
055		G01-4474	
056		032-4292	
057		108-6295	
058		134-5958	
059		148-8216	
060		148-8217	
061		148-8218	
062		156-4461	
063		167-8006	
064		167-8007	
065		191-2133	

\*See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assm ."

\*\*See Test Procedure Instructions 033, Class 5815, "SI-Cable/Wiring Assm."

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5820--Continued**  
**(Ref. Appendix A-27)**

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>5820-00</u>	
066		191-2134	
067		191-2141	
068		239-4766	
069		242-4130	
070		503-1134	
071		567-0321	
072		624-2802	
073		824-0831	
074		824-0833	
075		827-6388	
076		892-3342	
077		908-6706	
078		926-7233	
079		945-7722	
		<u>5820-01</u>	
080		007-9393	
081		012-8791	
082		043-7646	
083		053-2554	
084		053-2555	
085		053-6390	
086		053-6391	
087		057-1841	
088		057-6356	
089		061-7029	
090		077-4702	
091		077-4703	
092		099-7798	

On the following pages are test procedures for:

- Special Test Equipment
- Receiver-Transmitter RT-524/VRC
- Receiver-Transmitter RT-246/VRC
- Receiver-Radio R-442/VRC
- Radio Set AN/PRC-77
- Amplifier AM-1780/VRC

These procedures were derived from the referenced technical manuals; they provide specific instructions for performing functional inspections. They also serve to illustrate how end-item functions can be checked to assure operability of the sets and equipment and, as such, provide a basis (and format) for deriving similar procedures from the referenced technical manuals for other sets/equipment in Class 5820 as well as other classes. (Note: Test procedure 001 provides information on the fabrication of special test equipment and may be applicable to all specific test procedures.)



**TEST PROCEDURE 001  
SPECIAL TEST EQUIPMENT**

**1. General**

This procedure provides a description of thirteen (13) special test equipment fixturing, cabling, and apparatus used in the performance of electrical tests on CECOM materiel items within FSC Class 5820 (Radio and Communication Equipment). Included are instructions, materials, and components for construction of each of the test equipment along with its schematical representation. No special operating or calibration procedures are required, and instructions for each test equipment are de-tailed in the individual test procedures.

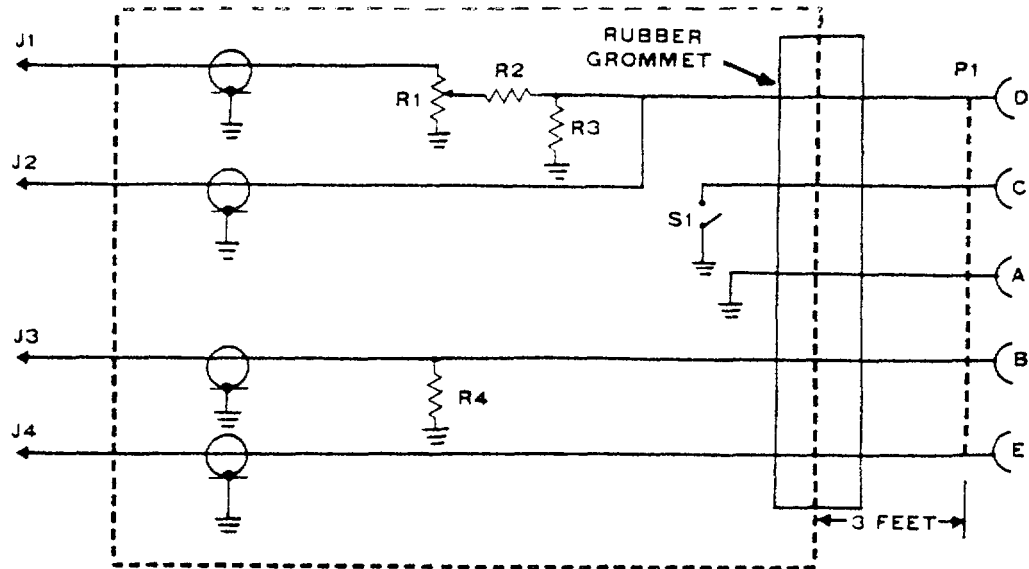
**2. SSS-013-002-1 Test Box.***a. Materials Required.*

- (1) Connector, P1, U-229/U, 1 each, 5935-00-992-2036
- (2) Connector, J1, J2, J3, and J4, UG-447/U, 4 each, 5935-00-259-3880
- (3) Resistor, R3, 150 ohms, 1 percent, 1 W, 1 each, 5905
- (4) Resistor, R4, 1k ohms, 1 percent, 1 W, 1 each, 5905-00-892-6330
- (5) Resistor, R2, 15k ohms, 5 percent, 1 W, 1 each, 5905-00-102-2824
- (6) Potentiometer, Ri, 15k ohms, 5 percent, 1 W, 1 each, 5905-00-892-6543
- (7) Toggle switch, S1, single pole, single throw, 1 each, 5930-00-570-2359
- (8) Aluminum container, approximately 6 x 2.5 x 2.5 inches, 1 each
- (9) Grommet, rubber with 0.25 inch hole per MS-35489-6, 1 each
- (10) Wire, stranded, No. 8 AWG, 15 feet, 6145-00-160-5291
- (11) Knob for potentiometer, 1 each.

*b. Construction.*

- (1) Make all ground terminations to container.
- (2) Wire from test box to U-229/U will be through the rubber grommet for a length of 3 feet. The wires will be taped and laced, as required, to preclude shorts and opens.
- (3) Mark containers as follows:
  - (a) SSS-013-002-1 Test Box
  - (b) J1 Audio In
  - (c) J2 Mic In
  - (e) J3 Audio Out
  - (e) J4 Return GD
  - (f) S1 Open and Closed

c. Schematic of Test Box.



3. SSS-013-002-2 Dummy Antenna.

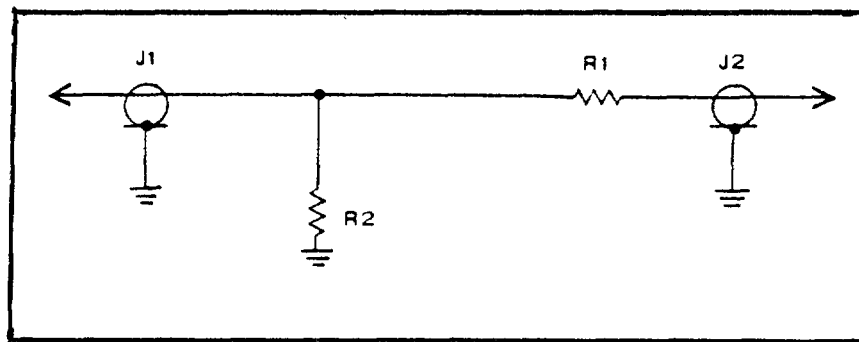
a. Materials Required.

- (1) Connector, J1 and J2, UG-657/U, 2 each, 5935-00-892-9035
- (2) Resistor, R1, 31.6 ohms, 1 percent, 1 W, 1 each, 5905-00-722-1805
- (3) Resistor, R2, 51.6 ohms, 1 percent, 1 W, 1 each, 5905-00-722-1804
- (4) Aluminum container, approximately 6 x 2.5 x 2.5 inches, 1 each
- (5) Wire, stranded, No. 8 AWG, 8 inches, 6145-00-160-5291.

b. Construction.

- (1) Make all ground terminations to container
- (2) Mark container SSS-013-002-2 Dummy Antenna
- (3) Mark J1-to Test Set
- (4) Mark J2-to Equipment.

c. Schematic of Dummy Antenna.



#### 4. SSS-013-002-3 RF Attenuator.

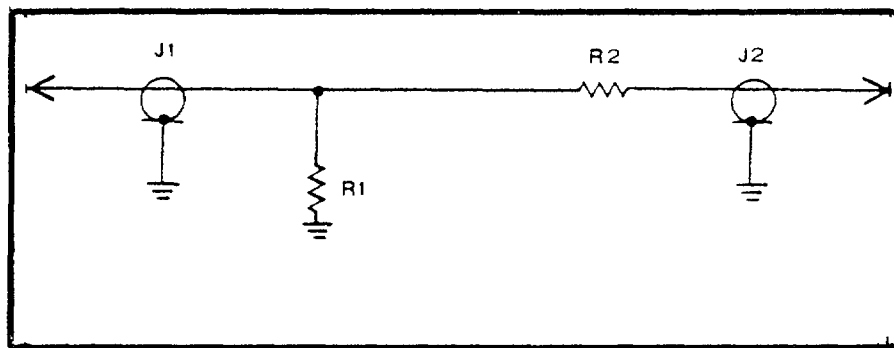
##### a. Materials Required.

- (1) Connector, J1 and J2, UG-447/U, 2 each, 5930-00-259-3880
- (2) Resistor, R1, 56 ohms, 1 percent, 1 W, 1 each, 5905-00-114-1607
- (3) Resistor, R2, 510 ohms, 1 percent, 1 W, 1 each
- (4) Aluminum container, approximately 6 x 2.5 x 2.5 inches, 1 each
- (5) Wire, stranded, No. 8 AWG, 8 inches, 6145-00-160-5291.

##### b. Construction.

- (1) Make all ground terminations to container
- (2) Mark container SSS-013-002-3 RF Attenuator
- (3) Mark J1-to Test Set
- (4) Mark J2-to Equipment.

##### c. Schematic of RF Attenuator.



#### 5. SSS-013-002-4 Test Cable No. 1.

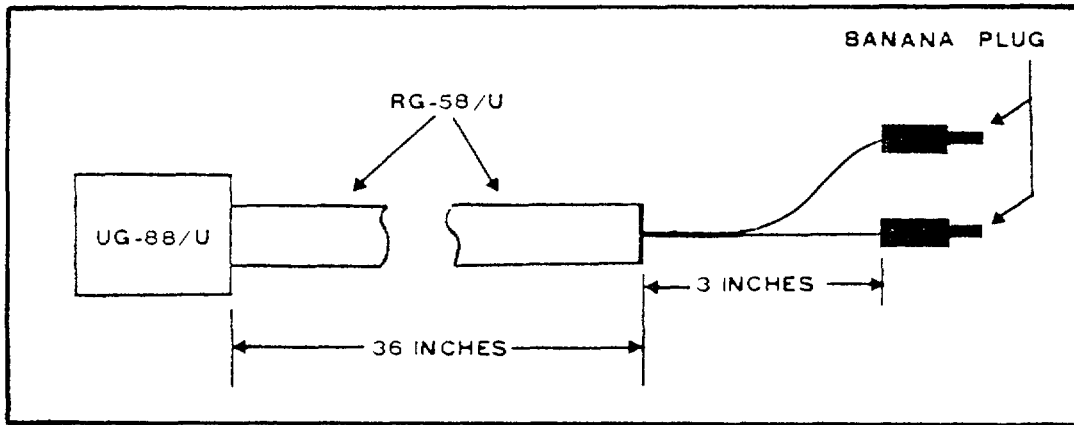
##### a. Materials Required.

- (1) Connector UG-88A/U, 1 each, 5935-00-258-4576
- (2) Banana Plug, 2 each, 5935-00-405-0338
- (3) Cable RG-58/U, 40 inches, 6145-00-542-6092.

##### b. Construction.

- (1) Mark cable SSS-013-002-4 Test Cable No. 1
- (2) The 3 inch ends with banana plugs will be protected by covering with insulation sleeving or tape
- (3) Check for continuity and shorts after construction.

c. Illustration of Test Cable No. 1.



6. SSS-013-002-5 Test Cable No. 2.

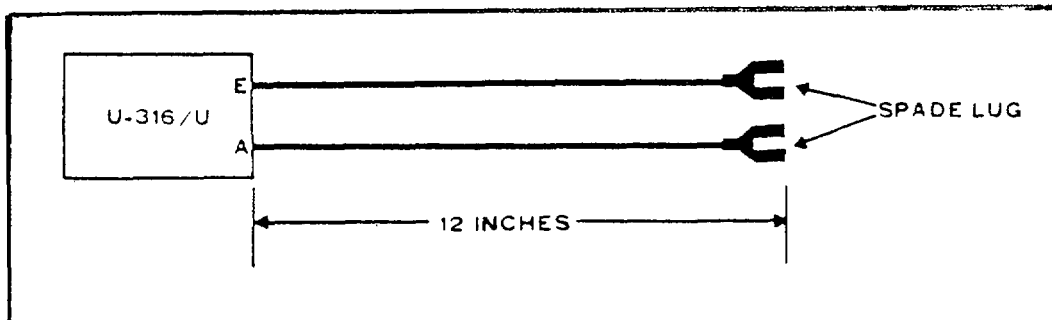
a. Materials Required.

- (1) Connector U-316/U, 1 each, 5330-00-442-6006
- (2) Spade lugs, 2 each
- (3) Wire stranded No. 24 AWG, type MW, red, 12 inches
- (4) Wire stranded No. 24 AWG, type MW, black, 12 inches.

b. Construction.

- (1) Mark cable SSS-013-002-5 Test Cable No. 2
- (2) Connect red wire to pin A of U-316/U
- (3) Connect black wire to pin E of U-316/U.

c. Illustration of Test Cable No. 2



7. SSS-013-002-6 Test Cable No. 3.

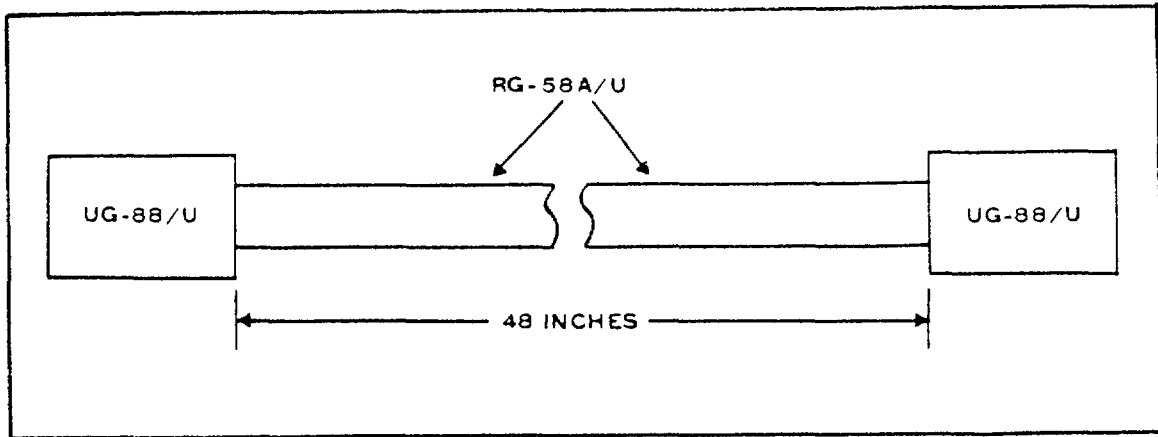
a. Materials Required.

- (1) Connector UG-88A/U, 2 each, 5935-00-258-4576
- (2) Cable RG-58/U, 50 inches, 6145-00-542-6092.

b. Construction.

- (1) Mark cable SSS-013-002-6 Test Cable No. 3
- (2) Check for continuity (open and shorts) after construction

c. illustration of Test Cable No. 3.



8. SSS-013-003-1 Pad 50, ohms 10 dB.

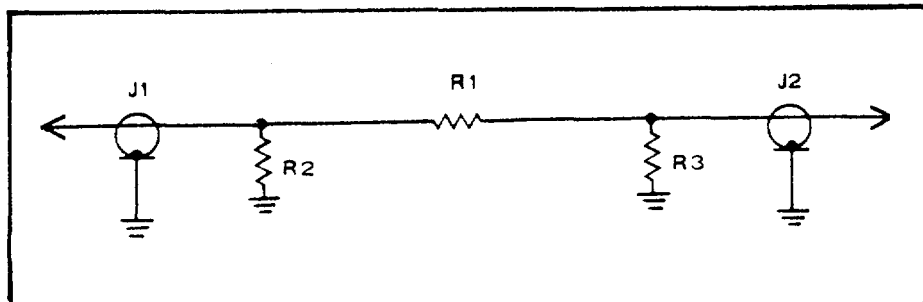
a. Materials Required.

- (1) Connector, J1 and J2, UG-447/U, 2 each, 5935-00-259-3880
- (2) Resistor, R<sub>1</sub>, 67.5 ohms, 1 percent, 4 W, 1 each
- (3) Resistor, R<sub>2</sub> and R<sub>3</sub>, 100 ohms, 1 percent, 4 W, 2 each
- (4) Aluminum container, approximately 6 x 2.5 x 2.5 inches, 1 each
- (5) Wire, stranded, No. 18 AWG, 8 inches.

b. Construction.

- (1) Make all ground terminations to container
- (2) Mark container SSS-013-003-1 50 ohm 10 dB Pad.

c. Schematic of Pad.



## 9.0 SSS-013-003-2 Test Cable No. 1.

This cable and SSS-013-003-3 Power Cable may be available under NSN 6625-00-880- 0149, which is covered by SC-D-621015. If not available, these instructions cover the items. This cable, when used with power cable, has been designed for universal usage in SSS's.

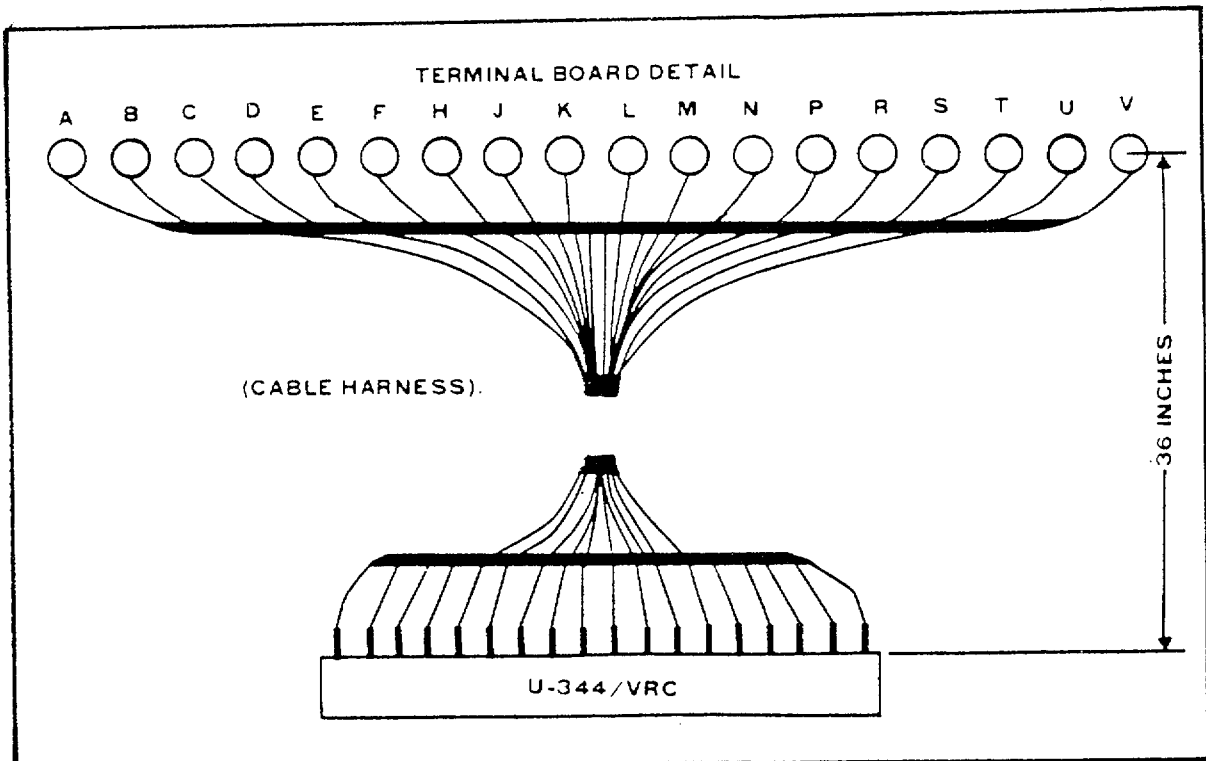
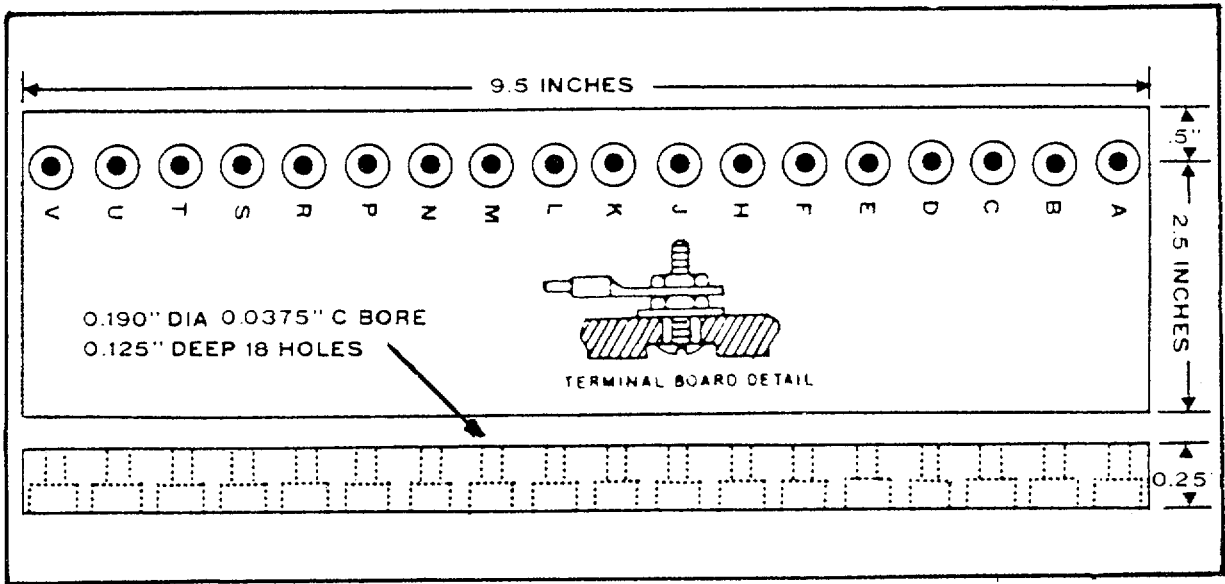
### a. Material Required.

- (1) U-344/VRC connector, receptacle, electrical, 1 each
- (2) Terminal board, plastic, type PBE, 0.25 x 2.5 x 9.5 inches
- (3) Nut MS-35649-286, 36 each
- (4) Washer MS-5795-907, 18 each
- (5) Screw, Type I, Style 8s, brass, 8-32 UNC-28 x 0.75 inches long, 18 each
- (6) Terminal lug MS-25036-49, 17 each
- (7) Terminal lug MS-25036-53, 5 each
- (8) Sleeving AWG, Size No. 5
- (9) Insulation tubing, class 2, 0.750 x 32.25 inches, 1 each
- (10) Twine, type P, class 2, waxed
- (11) Wire No. 18 AWG, approximately 48 feet of different colors, see wiring harness diagram, and construction
- (12) Wire, No. 14 AWG, approximately 10 feet of different colors, see wiring harness diagram, and construction.

### b. Construction.

- (1) Mark cable SSS-013-003-2 Test Cable No. 1
- (2) Mark terminal letters on terminal board as shown in the first diagram below
- (3) Prepare cable wires as shown in the second diagram below. Wires to terminals A, B and C are No. 14 AWG, with all others No. 18 AWG.
- (4) Securely crimp terminal lugs to wire ends on terminal board end. Terminal lugs MS-25036-53 for wire No. 14 AWG, and-terminal lugs MS-25036-49 for wire No. 18 AWG.
- (5) Sleeving, AWG size No. 5 is for covering terminals after soldering wires to U-344/VRC connector
- (6) Bundle wires, lace with waxed twine, and cover with insulation tubing
- (7) The terminal board and terminals are constructed as shown in the first diagram below.
- (8) Construct two jumpers as follows:
  - (a) No. 14 AWG wire with terminal lugs between terminals B and C
  - (b) No. 18 AWG wire with terminal lugs between terminals C and J
- (9) Individual contacts on the connector are connected to the identical letter on the terminal board

c. Diagrams.



**10. SSS-013-003-3 Power Cable***a. Materials Required.*

- (1) Cable, CC14UO-22P, 3.5 feet
- (2) Terminal lugs MS-25036-53, 4 each.

*b. Construction.*

- (1) Mark cable SSS-013-003-3 Power Cable
- (2) Mark either end of red wire positive "+"
- (3) Mark either end of black wire negative
- (4) Strip each end of wire 0.1875 inch. Securely crimp a terminal lug to each stripped end of wire.

*c. Diagrams.* Not applicable.**11. SSS-013-003-4 Test Cable No. 2.**

*a. Materials Required.* This cable is identical to SSS-013-003-2 Test Cable No. 1 except as follows:

- (1) Connector plug MWIOM(M)D17, 18 pin 5835-00-815-2325 instead of U-344/VRC
- (2) All wire No. 14 AWG, terminal lugs MS-25036-49, 18 each
- (3) No terminal lugs MS-25036-53 required.

*b. Construction.* Same as SSS-013-003-2 (paragraph 9.b), except for marking of cable and requirement for the two jumper wires. Mark this cable SSS-013-003-4 Test Cable No. 2.

*c. Diagrams.* Use those for SSS-013-003-2 (paragraph 9.c), except different connector.

**12. SSS-013-003-5 Test Cable No. 3.***a. Materials Required.*

- (1) U-229/U connector, 5 pin, 1 each
- (2) Terminal board, plastic, type PBE, 0.25 x 2.5 x 3 inches
- (3) Nut MS-85649-286, 10 each
- (4) Washer MS-15795-907, 5 each
- (5) Screw, Type I, Style 8s, brass 8-32UNC-28 x 0.75 inches long, 5 each
- (6) Terminal lug MS-25036-53, 5 each
- (7) Sleeving AWG, size No. 5
- (8) Twine, type P, class 2, waxed
- (9) Wire, No. 14 AWG, approximately 3 feet of different colors.

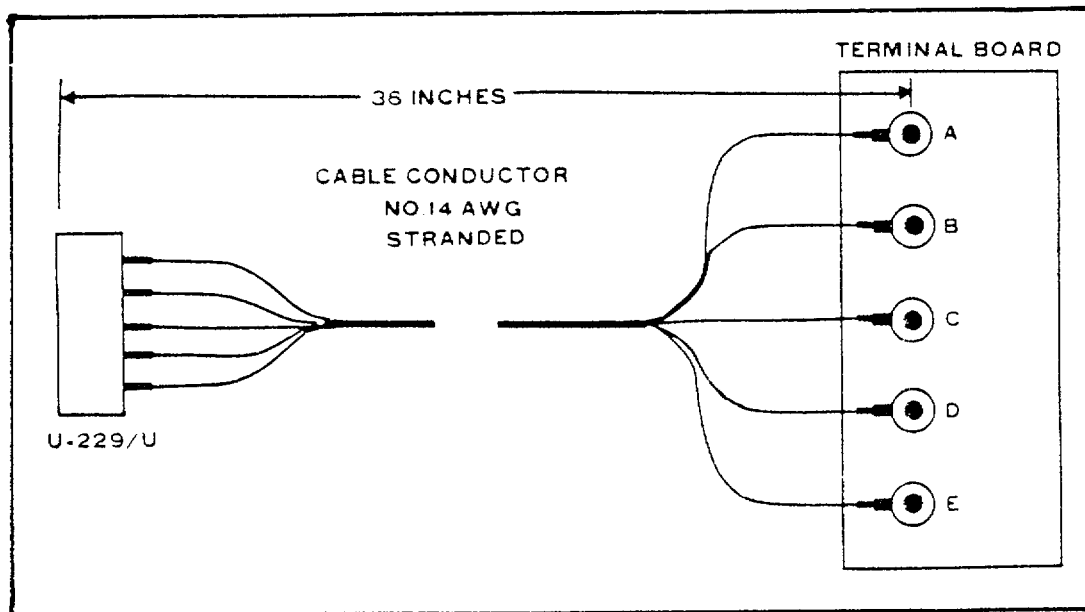
*b. Construction.*

- (1) Mark cable SSS-013-00p0003-5 Test Cable No. 3
- (2) Mark terminal letters on terminal board
- (3) For terminal board construction see paragraph 9.c. Make for 5 terminals instead of 18
- (4) Overall construction is similar to that stated in paragraph 9.b



(5) Individual contacts on the connector are connected to the identical letter on the terminal board.

c. Diagrams. See also diagrams in paragraph 9.c for assistance in construction.



### 13. SSS-013-004-1 Test Cable No. 1.

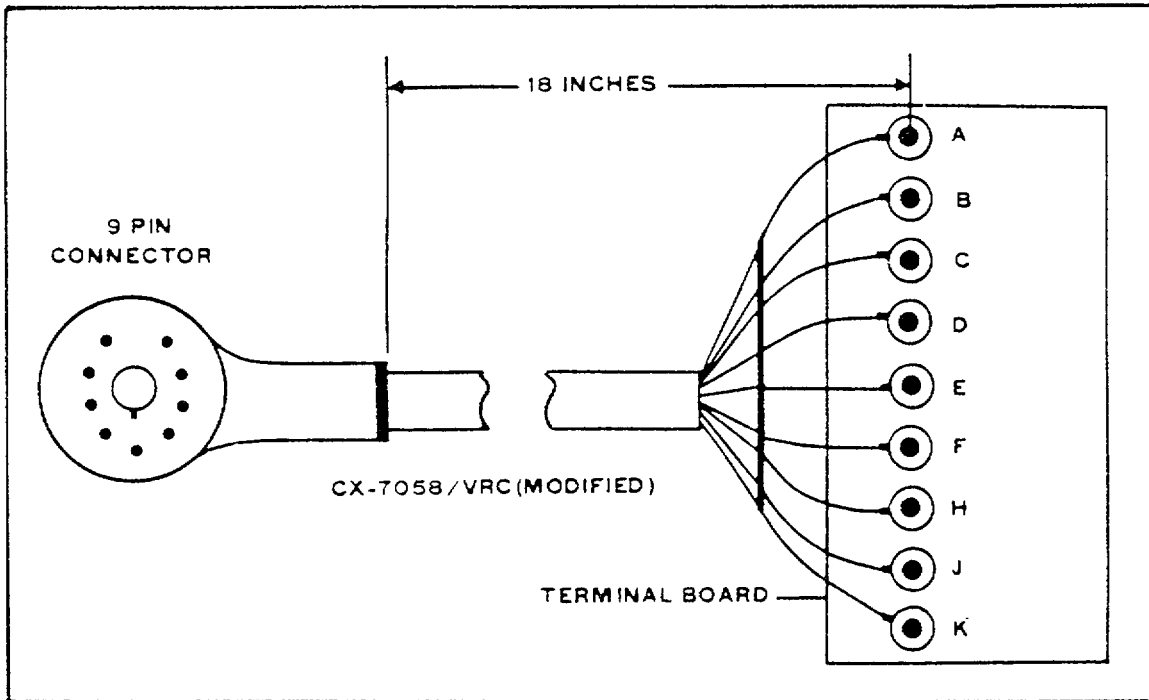
a. *Materials Required.* This cable is identical to SSS-013-003-2 (paragraph 9) except as follows:

- (1) Cable Assembly, Special Purpose, Electrical CS-7058.VRC: 5995-00-823-2869
- (2) Terminal board, plastic, type PBE, 0.25 x 2.5 x 5 inches.

b. *Construction.* Mark this cable SSS-013-004-1, Test Cable No. 1

- (1) Modify one end of CX-7058/VRC by removing connector
- (2) Crimp terminal lugs to wire ends on terminal board end
- (3) Individual contacts on the connector are connected to the identical letter on the terminal board.

c. Diagrams. Use also those of SSS-013-003-2 (paragraph 9.c).



#### 14. SSS-013-004-2 Test Cable No. 3.

This cable may be available under CG-1471/U, 6625-00-880-6081, which is covered by SC-D-93056. If not available, the following instructions cover the items.

a. *Materials* Required. This cable is identical to SSS-013-002-4 (paragraph 5) except as follows:

(1) Use alligator clip, Electrical Type TC-1, SC-D-93056-1 instead of banana plugs.

b. *Construction*. Mark this cable SSS-013-004-2 Test Cable No. 3.

(1) The 3 inch ends with alligator clips will be protected by covering with insulation sleeving or tape

(2) Check for continuity and shorts after construction.

c. *Diagrams*. Use those for SSS-013-002-4 (paragraph 5.c), except substitute alligator clips for banana clips.

**TEST PROCEDURE 044**  
**RECEIVER-TRANSMITTER, RADIO RT-524/VRC AND RT-524A/VRC**  
**RECEIVER-TRANSMITTER, RADIO RT-246/VRC AND RT-246A/VRC**

## 1. General

This procedure provides a description of special test equipment, fixturing, cabling, instrumentation, and instructions for performing the inspection and evaluations applicable to Receiver-Transmitter units RT-524/VRC, RT-524A/VRC, RT-246/VRC, and RT246A/VRC.

### NOTE

Whenever reference is made to the RT-524/VRC or RT-246/VRC within this text, the same applies for the RT-524A/VRC and RT-246A/VRC.

## 2. Test Equipment/Test Setup

All tests are to be performed under the following environmental conditions, unless otherwise stated:

Temperature:	23degrees +/- 10degreesC (730 i 180F)
Relative Humidity:	80 percent maximum.

All test equipment is to be energized for at least 30 minutes prior to utilization, unless otherwise specified in operating manual for the test equipment.

All tests are to be performed in an electromagnetic shielded enclosure, if in a high RF field of interference.

An MX-7778 suppressor should be placed in the input power line to the radio undergoing testing in order to protect the radio from spikes and spurs from the ac-dc power supplies.

On warm-up of the RT-246/VRC and RT-524/VRC, the MHz and kHz band switch controls should be turned vigorously a number of times to clean contacts on sets that have been in storage for a period of time. During activation of the above controls, observe whether squelch of the set operates properly without a signal. Both "new" and "old" squelch operations are to be checked. Also, during warm-up, tone quality should be checked at one frequency in both the "A" and "B" bands.

On RT-246/VRC radios, all ten (10) push buttons should be checked at both 22 and 30 volts. Set should not underor overshoot. Operation should be several times, not just once for each setting. The limit switch should also be checked. It should activate between 2 and 5 channels from each end of the tuning bands. Adjustment should be made on at least one button.

Table B-1 lists the test equipment, and Figures B-3, B-4, and B-5 illustrate the various test setups.

Table B-1. Test Equipment for Procedure 044 (Receiver-Transmitter)

Item	Technical Manual (Ref.)
Signal Generator AN/URM-103	TM11-6625-586-12
Signal Generator AN/URM-127	TM11-6625-683-15
Spectrum Analyzer TS-723B/U	TM11-6625-255-14
Frequency Meter AN/USM-207	TM11-6625-700-10
Electronic Voltmeter ME-30/U	TM11-6625-320-12
Wattmeter AN/URM-120	TM11-6625-446-15
Dummy Load, Electrical DA-75/U	
Power Supply PP-1104/G	TM11-6130-246-12
Receiver, Radio R-442/VRC	TM11-5820-401-12
Cable Assembly, Radio Frequency CG-1773/U	
T Adapter UG-274B/U(P/O AN/USM-207)	
Microphone, Dynamic M-80/U	
Resistor, 150 ohms, 5 percent, 2 W	
Resistor, 600 ohms, 5 percent, 2 W	
SSS-013-003-1 Pad 50 ohm 10 dB	
SSS-013-003-2 Test Cable No. 1 (require 2 each)	
SSS-013-003-3 Power Cable (require 2 each)	
Adapter Connector UG-514/U, 5935-00-549-1159	
SSS-013-002-4 Test Cable No. 1 (see paragraph 5.b, Test Procedure 001)	
Suppressor Electrical Transient MX-7778/GRC	TM11-5815-224-14

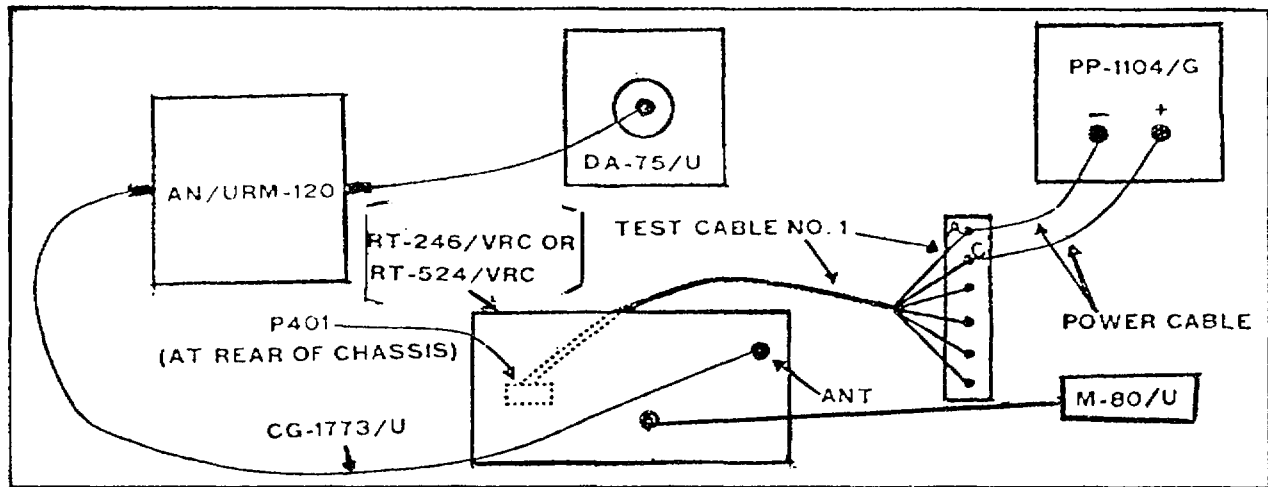


Figure B-3. Transmitter RF Power Output.

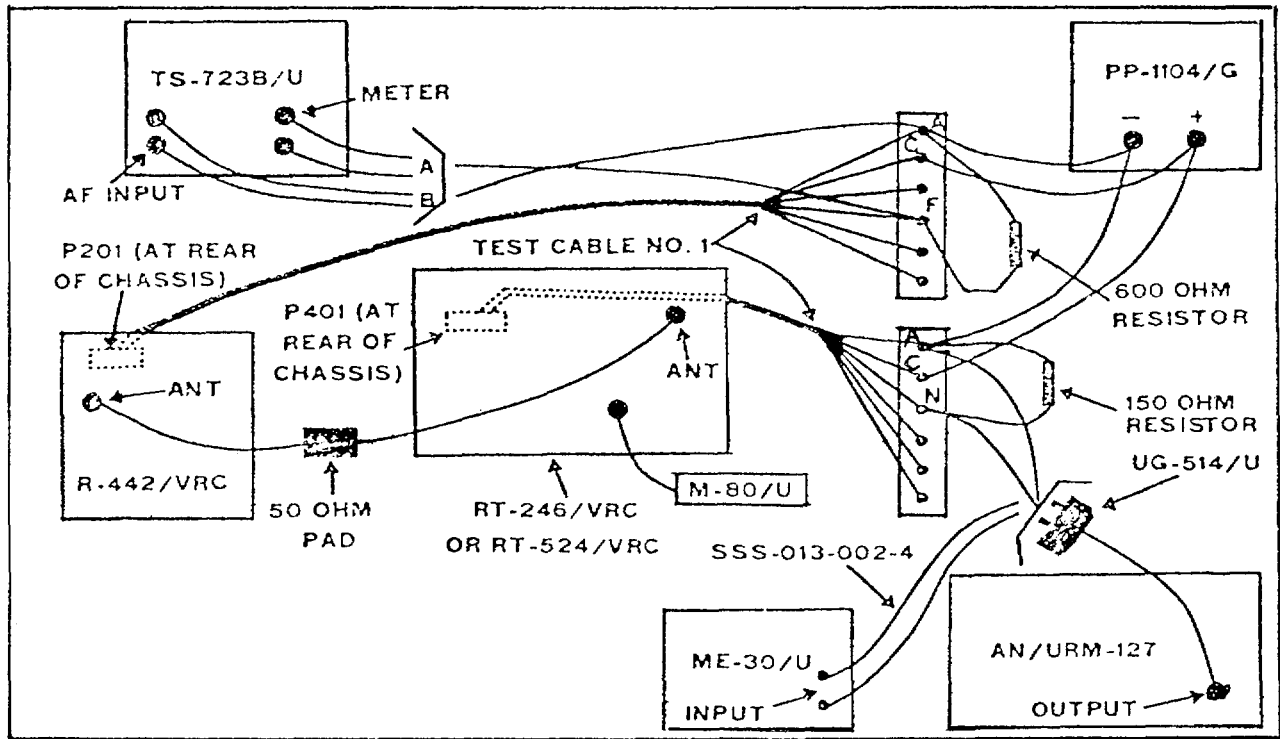


Figure B-4. Squelch Sensitivity (Noise/Tone).

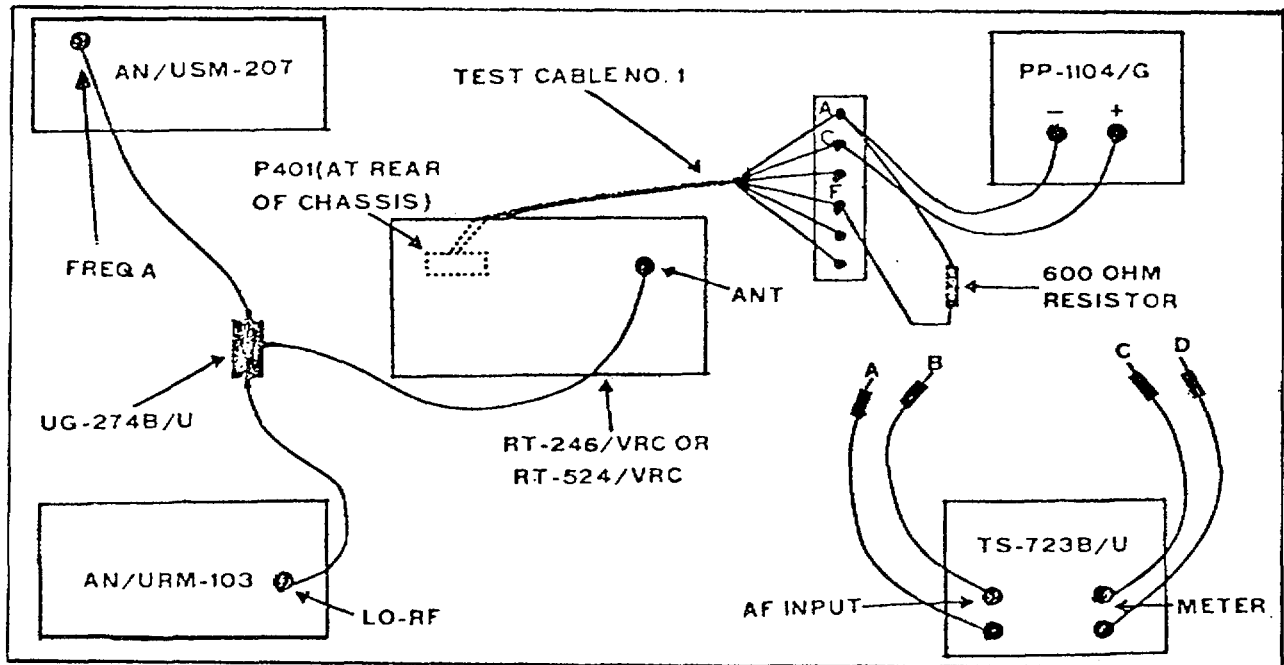


Figure B-5. Audio Output and Distortion.

### 3. Inspection Requirements.

The following mechanical-visual inspections are applicable to all RT-524/246/VRC series systems, sets, units, and assemblies and further define the coded inspection criteria given in appendix A.

- (1) Inspect equipment covers and front panels for condition of finish and panel markings.
- (2) Inspect for dents, punctures, or warped areas.
- (3) Inspect spring lock fasteners and receptacles.
- (4) Inspect external surfaces for loose or missing screws or washers.
- (5) Inspect receptacles for condition of pins, contacts, mounting, and for foreign particles.
- (6) Inspect air filters and air outlet for excessive dirt or grit.
- (7) Operate all controls through all their positions. (Do not disturb screwdriver adjustments.) Controls shall operate smoothly with no binding. Control knobs shall be tight on their shafts with no missing or loose hardware.
- (8) Check for meter damage and broken indicator glass on radio set control and reflectometer.
- (9) Inspect all exposed metal surfaces for rust and corrosion.
- (10) Inspect safety wiring on the wing nut fasteners on the mounting.
- (11) Check the mechanical action of the switches and knobs. They shall move smoothly, free of binding and scraping on the radio set control.
- (12) Inspect handles for looseness and defects.

**4. Electrical Tests.**

The following tests are to be performed, using the applicable data sheet (figure B-6), for Receiver-Transmitter units RT-524/VRC, RT-524A/VRC, RT-246/VRC and RT- 246A/VRC.

Step	Setting and Instructions	Normal Indication
<b>1 Transmitter RF power output</b>	(a) Connect the test equipment in accordance with figure B-3. (b) Set the PP-1104/G output voltage to 25.5 VDC.	
	<b>NOTE</b>	
	This voltage must be maintained during all transmission tests (radio keyed).	
	(c) Energize all test equipment. On the RT-246/VRC or RT-524/VRC, set the controls as follows:	
	(1) Power Switch. Low	
	(2) Light Switch. On	
	(3) Band Switch. A 30-52	
	(4) MC-TUNE-KC. 30.0 MHz	
	(5) Squelch. Old off	
	(6) Volume. Maximum counterclockwise	
	(7) Speaker. Off (RT-524/VRC only)	
	(d) Set AN/URM-120 to read 10 W.	
	(e) Press M-80/U push-to-talk switch.	
	(f) Record output power as indicated by AN/URM-120.	The reading should be between 0.5 and 10 W.
	(g) Set the AN/URM-120 to read 100 W.	
	(h) Set the RT-246/VRC or RT-524/VRC power switch to HIGH.	
	(i) Press M-80/U push-to-talk switch.	
	(j) Record output power as indicated by AN/URM-120.	The reading should be between 30 W min and
	no max .	
	(k) Repeat steps (d) through (j) with MC-TUNE-DC controls set to 42.0 and 52.0 MHz. Set band switch to B 53-75 and repeat steps (d) through	
	(j) with MC-TUNE-KC controls set to 30.05, 52.95, 53.05, and 75.95 MHz.	

**2 Squelch Sensitivity**

- (a) Noise (Old) operated squelch
- (1) Connect the test equipment in accordance with figure B-4.

Step	Setting and Instructions	Normal Indication
2 (cont.)	<p>(2) On AN/USM-207, set the controls as follows:</p> <ul style="list-style-type: none"> <li>(a) Display Control. Set for desired display time.</li> <li>(b) Sensitivity. 100V</li> <li>(c) Gate Time. (sec-1):16</li> <li>(d) Function. Freq</li> <li>(e) Range MC. 40-100</li> <li>(f) Mixing Frequency MCS. 40</li> </ul> <p>(3) On AN/URM-103, set the controls as follows:</p> <ul style="list-style-type: none"> <li>(a) Band Switch. C</li> <li>(b) RF Tuning. 41.05 MHz</li> <li>(c) Deviation Range. 10 kHz</li> <li>(d) Function. 1000 Hz</li> <li>(e) Deviation Adjust. For 8 kHz on Deviation Meter</li> <li>(f) LP RF Set To Line. Right-hand meter to red line.</li> <li>(g) RF Output. LO</li> </ul> <p>(4) On RT-246( )/VRC or RT-524( )/VRC:</p> <ul style="list-style-type: none"> <li>(a) Band. A</li> <li>(b) Light. On</li> <li>(c) MC-TUNE-KC. 41.05 MHz</li> <li>(d) Squelch. Old on</li> <li>(e) Volume. Fully counterclockwise</li> <li>(f) Power. Low</li> <li>(g) Speaker. Off (RT-524( )/VRC only)</li> </ul> <p>(5) Press Reset Switch on AN/USM-207.</p> <p>(6) Adjust AN/URM-103 RF tuning control for 41.05 MHz.</p> <p>(7) Adjust AN/URM-103 RF IV control for minimum output.</p> <p>(8) Slowly advance AN/URM-103 LO RF IV control until Call indicator lights. Note setting of control.</p> <p>(9) Slowly reduce input to 0.55 IV. Squelch shall remain unbroken.</p> <p>(10) Repeat test for frequency 64.05 MHz by changing the AN/USM-207 controls as follows:</p> <ul style="list-style-type: none"> <li>(a) Range MC. 40-100</li> <li>(b) Mixing Freq MCS. 60</li> </ul>	<p>RF Attenuator IV control setting should be 0.7 IV or less. (call lamp remains lighted)</p>



Step	Setting and Instructions	Normal Indication
2 (cont.)	<p>(11) Adjust AN/URM-103 as follows:</p> <ul style="list-style-type: none"> <li>(a) Band Switch. D</li> <li>(b) RF Tuning. 64.05 MHz</li> </ul> <p>(12) Adjust RT-246( )/VRC or RT-524( )/VRC</p> <ul style="list-style-type: none"> <li>(a) MC-TUNE-KC. 64.05 MHz</li> <li>(b) Band. B</li> <li>(c) Slowly advance AN/URM-103 LO RF IV control unit Call indicator lights. Note setting of control.</li> <li>(d) Slowly reduce input to 0.55 pV. Squelch shall remain unbroken</li> </ul> <p>(b) Tone (New) operated squelch.</p> <ul style="list-style-type: none"> <li>(1) Connect the test equipment in accordance with figure B-4.</li> <li>(2) On AN/USM-207, set the controls as follows: <ul style="list-style-type: none"> <li>(a) Display Control . Set for desired time</li> <li>(b) Sensitivity. 100 V</li> <li>(c) Gate Time. (sec- ):106</li> <li>(d) Function. Freq</li> </ul> </li> <li>(3) On AN/URM-103, set controls as follows: <ul style="list-style-type: none"> <li>(a) Band Switch. C</li> <li>(b) RF Tuning. 41.05 MHz</li> <li>(c) Deviation Range. 10 kHz</li> <li>(d) Function. 150 Hz</li> <li>(e) Deviation Adjust. For 3 kHz on Deviation Meter</li> <li>(f) LO RF Set to Line. Right-hand meter to red <b>line</b></li> <li>(g) RF Output. LO</li> </ul> </li> <li>(4) On RT-246( )/VRC or RT-524( )/VRC: <ul style="list-style-type: none"> <li>(a) Band. A</li> <li>(b) Light. On</li> <li>(c) MC-TUNE-KC. 41.05 MHz</li> <li>(d) Squelch. Old on</li> <li>(e) Volume. Fully counterclockwise</li> <li>(f) Power. Low</li> <li>(g) Speaker. Off (RT-5241)/VRC only).</li> </ul> </li> <li>(5) Press RESET switch on AN/USM-207.</li> <li>(6) Adjust AN/URM-103 RF tuning control for 41.00 MHz indication on the AN/USM-207.</li> <li>(7) Adjust AN/URM-103 LO RF IV control for minimum output.</li> </ul>	<p>Attenuator microvolts control setting should be 0.7 IV or less. (Call lamp remains lighted.)</p>

Step	Setting and Instructions	Normal Indication
2 (cont.)	<p>(8) Check to see that AN/URM-103 Deviation Meter still indicates 3 kHz. Adjust deviation adjust control if necessary.</p> <p>(9) Slowly advance AN/URM-103 control until Call indicator lights. Note setting of LO RF IV control.</p> <p>(10) Slowly reduce inputs to 0.4 IV. Tone squelch should remain unbroken.</p> <p>(11) Repeat for frequency of 64.05 MHz and by adjusting the AN/URM-103 controls as follows:</p> <p>(a) Band Switch. D</p> <p>(b) RF Tuning. 64.05 MHz</p> <p>(c) Check to see than AN/URM-103 Deviation Meter still indicates 3 kHz. Adjust deviation adjust control if necessary.</p> <p>(d) Slowly advance AN/URM-103 control until Call indicator lights. Note setting of LO RF pV control.</p>	<p>LO RF -V control setting should be 0.5 pV or less. (Call indicator remains lighted.)</p> <p>LO RF IV control setting should be 0.5 IV or less.</p>
3	<p><b>Frequency accuracy</b></p> <p>With an RT unit in transmit, see if receiver will pick up the RT unit's transmission. Frequencies used should be 30.05, 52.95, 53.05, and 75.95 MHz. Verify tone quality and function of volume control during this test. Volume control should be checked for noisiness and flat or "dead" spots.</p>	
4	<p><b>Audio output and distortion</b></p> <p>(a) Connect the equipment in accordance with figure B-5.</p> <p>(b) Energize all the equipment and allow for a 5 minute warm-up before proceeding.</p> <p>(c) On AN/USM-207, set the controls as follows:</p> <p>(1) Display Control. Set for desired display time.</p> <p>(2) Sensitivity. 100 V</p> <p>(3) Gate Time. (sec--):106</p> <p>(4) Function. Freq</p> <p>(d) On AN/URM-103, set the controls as follows:</p> <p>(1) Band Switch. D</p> <p>(2) RF Tuning. 60 MHz</p> <p>(3) Deviation Range. 40 kHz</p> <p>(4) Function. 1000 Hz</p>	

## Step Setting and Instructions Normal Indication

- 4(5) Deviation Level. Set for 8 kHz on Deviation Meter (cont.)
- (6) LO RF Set to Line. Right-hand meter to red line.
- (7) RF output. LO
- (e) On TS-723B/U, set the controls as follows:
- (1) Range. X10
  - (2) Input. MIN
  - (3) Frequency. Adjust controls for dial indication of 100
  - (4) Function Switch. Meter
  - (5) Meter Range Switch. 30 Vrms
- (f) On RT-246/VRC or RT-524/VRC, set the controls as follows:
- (1) Band. B
  - (2) Light. Off
  - (3) MC-TUNE-KC. 60.05 MHz
  - (4) Squelch. Old Off
  - (5) Volume. Fully counterclockwise
  - (6) Power. Low
  - (7) Speaker. Off on the RT-524/VRC and RT-524A/VRC
- (g) Connect free lead of 600 ohm resistor to terminal F of Test Cable No. 1.
- (h) Connect TS-723B/U meter leads C and D to Test Cable No. 1 terminals F and A, respectively (muted output).
- (i) Press Reset switch on the AN/USM-207
- (j) Adjust AN/URM-103 RF tuning control for 60.05 KHz indication on the AN/USM-207.
- (k) Adjust AN/URM-103 LO RF pV control for 11.6 iV
- (1 ) Turn volume control of equipment under test fully clockwise.
- (m) Adjust volume control of equipment under test for indication of 17.3 V (500 mW) on TS-723B/U meter.
- (n) Disconnect TS-723B/U meter leads C and D from Test Cable No. 1. Connect RF input leads B and A to Test Cable No. 1 terminals F and A, respectively.
- (o) On TS-723B/U, accomplish the following:
- (1) Turn function switch to Set Level.
  - (2) Turn meter range switch to 100%.

## StepSetting and InstructionsNormal Indication

- 4(3) Adjust signal input control to produce (cont.) full-scale (100%) deflection of meter.
- (4) Turn function switch to Distortion
- (5) Adjust frequency and balance controls for minimum indication on meter.
- (6) Turn meter range switch to lower range. It should indicate 8% and repeat adjustments of above until or less null is obtained. Record distortion as indicated on TS-723B/U meter.
- (p) Disconnect 600 ohm resistor from terminal F and connect to terminal S of Test Cable No. 1.
- (q) Connect TS-723B/U meter leads C and D to Test Cable No. 1 terminals S and A, respectively.
- (r) Perform steps (i), (j), and (k).
- (s) Turn the volume control of equipment under test fully clockwise. It should indicate at least 7.75 V (100 mW). Record indication on TS-723B/U meter.
- (t) Disconnect TS-723B/U meter leads C and D from Test Cable No. 1.
- (u) Set TS-723B/U meter range switch to 0.3 Vrms.
- (v) Connect TS-723B/U meter leads C and D to Test Cable No. 1 terminals K and A, respectively. It should be between 0.16 and 0.31 V. Record indication on TS-723B/U meter.

STORAGE SERVICEABILITY STANDARDS TEST DATA SHEET (2)

To: Cdr, CFCOM, ATTN: DRSEL-PA-E(SSS), Ft. Monmouth, NJ 07703

From: \_\_\_\_\_ Contract No: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_

NSN: \_\_\_\_\_ Serial No: \_\_\_\_\_

**INSPECTION TABLE A**

QUALITY DEFECT CODE				ACCEPT	REJECT
DESCRIPTION	SEVERITY				
	0	1	2		
02					
13					
23					
30					
40					
41					
45					
48					
50					
51					
55					
62					
86					
90					

Storage Location: \_\_\_\_\_ Inspection Level: \_\_\_\_\_ AQL Major: \_\_\_\_\_ AQL Minor: \_\_\_\_\_

Lot Size: \_\_\_\_\_ Sample Size: \_\_\_\_\_ No. of Rejects: \_\_\_\_\_

Lot Accepted \_\_\_\_\_ Lot Rejected \_\_\_\_\_

	SIGNATURE	DATE	SYMBOL	AUTOVON
TESTER				
INSPECTOR				

Figure B-6. Storage Serviceability Standards Test Data Sheet B-41 for Test Procedure 044, Receiver-Transmitter, Radio.

STORAGE SERVICEABILITY STANDARDS TEST DATA SHEET (2)

INSPECTION TABLE B

TITLE OF INSPECTION	FREQ.	LOW	LOW	MINIMUM
Transmitter RF Power Output	30.0 MHz	0.5-10 W	W	30 W
	42.0 MHz	0.5-10 W	W	30 W
	52.0 MHz	0.5-10 W	U	30 W
	30.05 MHz	0.5-10 W	W	30 W
	52.95 MHz	0.5-10 W	W	30 W
	53.05 MHz	0.5-10 W	W	30 W
	75.96 MHz	0.5-10 W	W	30 W

TITLE OF INSPECTION	FREQ.	VERIFY	
		ACCEPT	REJECT
Squelch Sensitivity (Noise)	41.05		
	64.05		
(Tone)	41.05		
	64.05		
Frequency Accuracy			
Tone Quality			
Volume Control			
TITLE OF INSPECTION		REQUIRED	TEST
Audio Output and Distortion		17.3 V (500 mW) min 8 percent max 7.75 V (100 mW) min 0.16-0.31 V	V % V V

Figure B-6. Storage Serviceability Standards Test Data Sheet for Test Procedure 044, Receiver- Transmitter, Radio--Continued.

**TEST PROCEDURE 046  
RECEIVER-RADIO R-442/VRC AND R-442A/VRC**

**1. General.**

This procedure provides a description of special test equipment, fixturing, cabling, instrumentation and instrumentation and instructions for performing the inspection and evaluation applicable to Receiver-Radio R-442/VRC and R-442A/VRC.

**NOTE**

Whenever reference is made to the R-442/VRC within this text, the same applies for the R-442A/VRC.

**2. Test Equipment/Test Setup.**

All tests are to be performed under the following environmental conditions, unless otherwise stated.

Temperature: 23.0 ± 1.0°C (73.0 ± 1.8°F).

Relative Humidity: 80 percent maximum.

All test equipment is to be energized for at least 30 minutes prior to utilization, unless otherwise specified in operation manual for the test equipment.

All tests are to be performed in an electromagnetic shielded enclosure, if in a high RF field of interference.

Table B-2 lists the test equipment. Figures B-7 and B-8 illustrate the various test setups.

*Table B-2. Test Equipment for Procedure 046 (Receiver-Radio)*

Item Technical Manual (Ref.)

Signal Generator, AN/URM-103 TM11-6625-586-12

Frequency Meter, AN/USM-207 TM11-6625-700-10

Spectrum Analyzer, TS-723B/UTM11-6625-255-14

Power Supply, PP-1104/GTM11-6130-246-12

UG-274B/U " T" Adapter

Special test equipment

Resistor, 150 ohms,

5 percent, 2 W

SSS-013-003-2 Test Cable No. 1

SSS-013-113-2 Power Cable

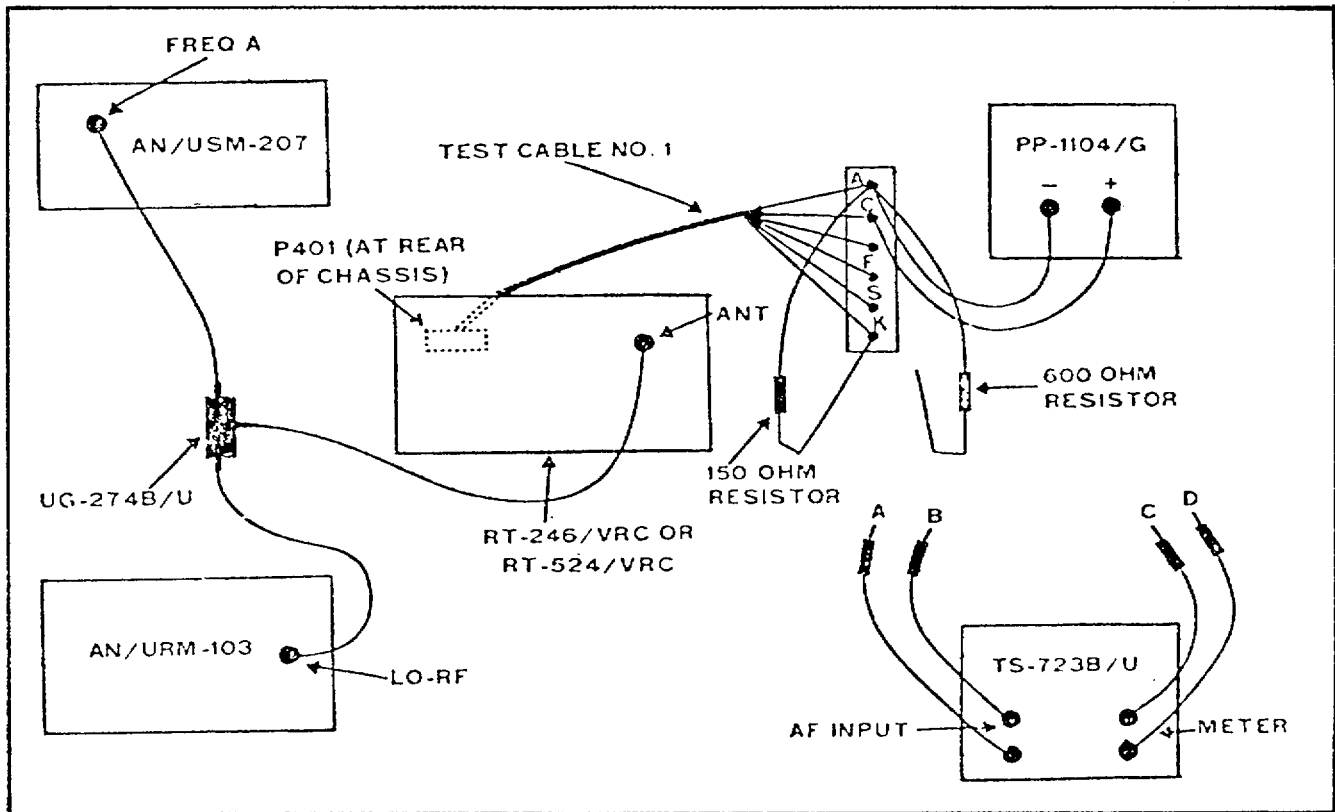


Figure B-7.

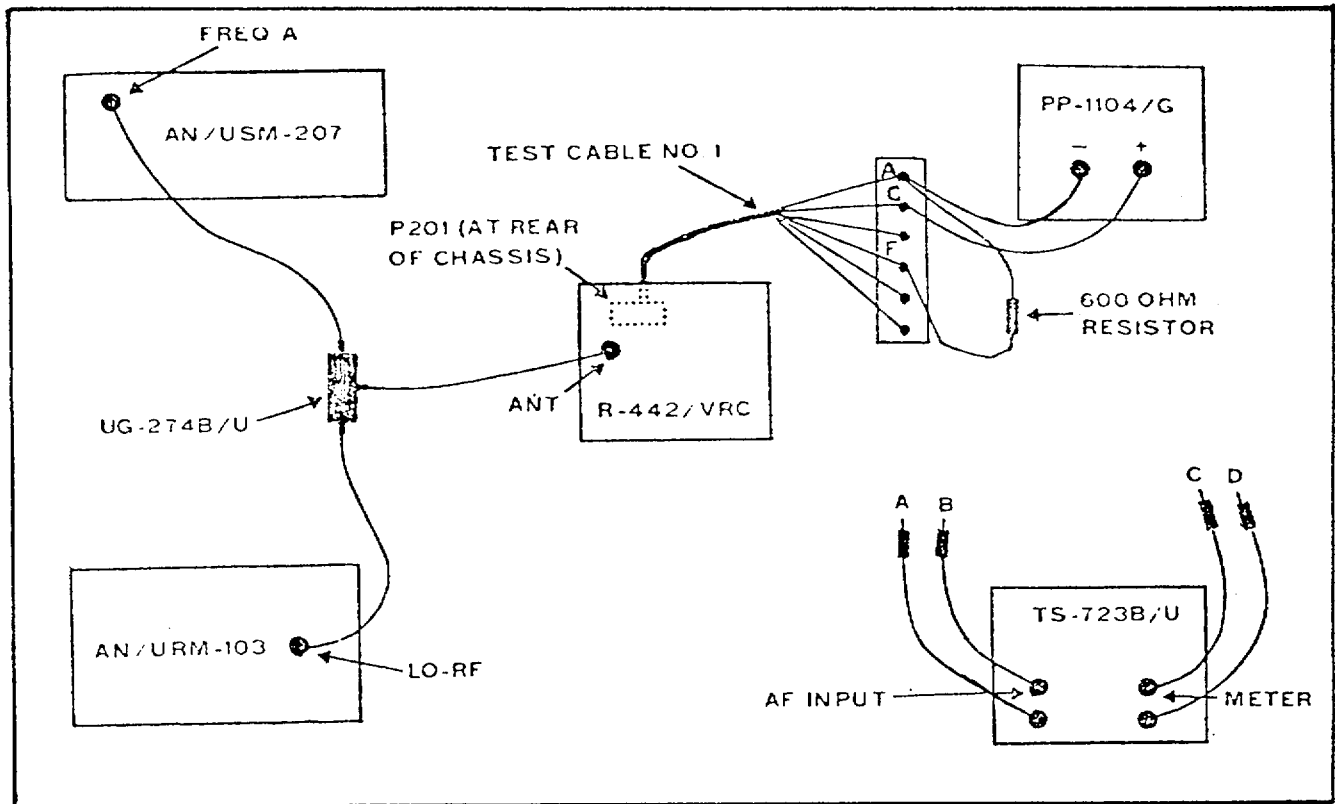


Figure B-8.



**3. Inspection Requirements.**

The following mechanical-visual inspections are applicable to all R-442/VRC series systems, sets, units, and assemblies and further define the coded inspection criteria given in appendix A.

- (1) Inspect equipment covers and front panels for condition of finish and panel markings.
- (2) Inspect for dents, punctures, or warped areas.
- (3) Inspect spring lock fasteners and receptacles.
- (4) Inspect external surfaces for loose or missing screws or washers.
- (5) Inspect receptacles for condition of pins, contacts, mounting, and for foreign particles.
- (6) Inspect air filters and air outlet for excessive dirt or grit.
- (7) Operate all controls through all their positions. (Do not disturb screwdriver adjustments.) Controls shall operate smoothly with no binding. Control knobs shall be tight on their shafts with no missing or loose hardware.
- (8) Check for meter damage and broken indicator glass on radio set control and reflectometer.
- (9) Inspect all exposed metal surfaces for rust and corrosion.
- (10) Inspect safety wiring on the wing nut fasteners on the mounting.
- (11) Check the mechanical action of the switches and knobs. They shall move smoothly, free of binding and scraping on the radio set control.
- (12) Inspect handles for looseness and defects.

**4. Electrical Tests.**

The following tests are to be performed, using the applicable data sheet (figure B-9), for Receiver, Radio R-442/VRC and R-442A/VRC.

## Step Setting and Instructions Normal Indication

**1 Frequency accuracy**

With an RT unit in transmit, see if receiver will pick up the RT unit's transmission. Frequencies used should be 30.05, 52.05, and 75.95 MHz. Verify tone quality and function of volume control during this test. Volume control should be checked for noisiness and flat or "dead" spots.

**2 Squelch sensitivity**

- (a) Noise **(Old)** operated squelch.
- (1) Connect the equipment in accordance with figure B-7.
  - (2) On AN/USM-207, set the controls as follows:
    - (a) Display Control . Set for desired display time.
    - (b) Sensitivity. 100 V
    - (c) Gate Time. (sec-1):16
    - (d) Function. Freq
  - (3) On AN/URM-103, set the controls as follows:
    - (a) Band Switch.C
    - (b) RF Tuning: 41.05 MHz
    - (c) Deviation Range. 10 kHz
    - (d) Function. 1000 Hz
    - (e) Deviation Adjust. For 8 kHz on Deviation Meter.
    - (f) LO RF Set to Line. Right-hand meter to red line
    - (g) RF Output. LO
  - (4) On Receiver R-442, set controls as follows:
    - (a) Band.A
    - (b) Light.On
    - (c) MC TUNE KC. 41.05 MHz
    - (d) Squelch.Old on
    - (e) Volume.Fully counterclockwise
    - (f) Power.On reset
  - (5) Press Reset Switch on AN/USM-207
  - (6) Adjust AN/URM-103 RF tuning control for 41.05 MHz indication on the AN/USM-207.
  - (7) Adjust AN/URM-103 RF LO uV control for minimum output.
  - (8) Slowly advance AN/URM-103 LO RF PV con-RF Attenuator micro-control until Call indicator lights. Note volts control setting of control.should be 0.7 iV or less.

## Step Setting and Instructions Normal Indication

- 2(9) Slowly reduce input to 0.55 pV. (Call lamp remains (cont.) Squelch shall remain broken. lighted.)
- (10) Repeat test for frequency 64.05 MHz by adjusting AN/USM-207 controls.
- (11) Adjust AN/URM-103 as follows:
- (a) Band Switch. D
  - (b) RF Tuning. 64.05 MHz
- (12) Adjust R-442
- (a) MC-TUNE-KC. 64.05 MHz
  - (b) Band. B
  - (c) Slowly advance AN/URM-103 LO RF iVRF Attenuator IVcontrol until Call indicator lights. trol setting should Note setting of control. be 0.7 -pV or less.
  - (d) Slowly reduce input to 0.55 IV. (Call lamp remains Squelch shall remain unbroken lighted.)
- (b) Tone (new) operated squelch.
- (1) Connect equipment as shown in figure B-7
  - (2) On AN/USM-207, set the controls as follows:
    - (a) Display Control. Set for desired time.
    - (b) Sensitivity. 100 V
    - (c) Gate Time . (sec): 106 IO
    - (d) Function. Freq I
  - (3) On AN/URM-103, set controls as follows:
    - (a) Band Switch. C
    - (b) RF Tuning. 41.05 MHz
    - (c) Deviation Range. 10 kHz
    - (d) Function. 150 Hz
    - (e) Deviation Adjust. For 3 kHz on kilocycles Deviation Meter
    - (f) LO RF Set to Line. Right-hand meter to red line
    - (g) RF Output. LO
  - (4) On Receiver R-442, set controls as follows:
    - (a) Band. A
    - (b) Light. On
    - (c) MC-TUNE-KC. 41.05 MHz
    - (d) Squelch. Old on
    - (e) Volume. Fully counterclockwise
    - (f) Power. On Reset
  - (5) Press Reset switch on AN/USM-207.
  - (6) Adjust AN/URM-103 RF tuning control for 41.05 MHz indication on the AN/USM-207.

## Step Setting and Instructions Normal Indication

2(7) Adjust AN/URM-103 LO RF pV control

(cont.) for minimum output.

(8) Check to see that AN/URM-103 Deviation

Meter still indicated 3 kHz. Adjust

deviation adjust control, if necessary.

(9) Slowly advance AN/URM-103 control until LO RF IV control set-

Call indicator lights. Note setting ofting should be 0.5 pV

LO RF IV control. or less.

(10) Slowly reduce inputs to 0.4 V. Tone (Call indicator remains

squelch should remain broken. lighted.)

(11) Repeat for frequency of 64.05 MHz by

adjusting the AN/URM-103 controls as

follows:

(a) Band Switch. D

(b) RF Tuning. 64.05 MHz

(12) Check to see that AN/URM-103 Deviation

Meter still indicates 3 kHz. Adjust

deviation adjust control, if necessary.

(13) Slowly advance AN/URM-103 control until LO RF IV control set-

Call indicator lights. Note setting ofting should be 0.5 liV

LO RF PV control. or less.

### 3 Audio output and distortion test

(a) Connect the equipment in accordance with figure B-8.

(b) Energize all equipment and allow for a 5 minute warm-up before proceeding.

(c) On AN/USM-207, set controls as follows:

(1) Display Control. Set for desired display time.

(2) Sensitivity. 100 V

(3) Gate Time. (sec-L):106

(4) Function. Freq

(d) On AN/URM-103, set controls as follows:

(1) Band Switch. D

(2) RF Tuning. 60 MHz

(3) Deviation Range. 10 kHz

(4) Function. 1000 Hz

(5) Deviation Level. Set for 8 kHz on Deviation Meter.

(6) LO RF Set to Line. Right-hand meter to red line.

(7) RF Output. LO

Step	Setting and Instructions	Normal Indication
3 (cont.)	<p>(e) On TS-723B/U, set controls as follows:</p> <ol style="list-style-type: none"> <li>(1) RangeX10</li> <li>(2) Input. Min</li> <li>(3) Frequency. Dial Indication of 100.</li> <li>(4) Function Switch. Meter</li> <li>(5) Meter Range Switch. 30 Vrms</li> </ol> <p>(f) On R-442/VRC, set controls as follows:</p> <ol style="list-style-type: none"> <li>(1) Light. Off</li> <li>(2) MC-TUNE-KC. 60.05 MHz</li> <li>(3) SquelchOld off</li> <li>(4) Volume. Fully counterclockwise</li> </ol> <p>(g) Connect free lead of the 600 ohm resistor to terminal F of Test Cable No. 1.</p> <p>(h) Connect TS-723B/U meter leads C and D to Test Cable No. 1 terminals F and A, respectively.</p> <p>(i) Press Reset switch on AN/USM-207.</p> <p>(j) Adjust AN/URM-103 RF tuning control for 60.05 MHz indication on the AN/USM-207.</p> <p>(k) Adjust AN/URM-103 LO RF pV control for 11.6 -V.</p> <p>(l) Adjust R-442/VRC volume control fully clockwise.</p> <p>(m) Adjust R-442/VRC volume control for an indication of 17.3 V (500 mW) on TS-723B/U meter.</p> <p>(n) Disconnect TS-723B/U meter leads C and D from Test Cable No. 1 Connect AF input leads B and A to Test Cable No. 1 terminals F and A, respectively.</p> <p>(o) On TS-723B/U, accomplish the following:</p> <ol style="list-style-type: none"> <li>(1) Turn function switch to Set Level.</li> <li>(2) Turn meter range switch to 100%.</li> <li>(3) Adjust signal input control to produce full-scale (100%) deflection of meter.</li> <li>(4) Turn function switch to Distortion.</li> <li>(5) Adjust frequency and balance controls for minimum indication on meter.</li> </ol>	

Step	Setting and Instructions	Normal Indication
	(6) Turn meter range switch to lower range and repeat adjustments of above until null is obtained. Record distortion as indicated on TS-723B/U meter.	It should indicate 8% or less.
	(p) Disconnect 600 ohm resistor from terminal F and connect to terminal S of Test Cable No. 1.	
	(q) Connect TS-723B/U meter leads C and D to Test Cable No. 1 terminals S and A, respectively.	
	(r) Perform steps (i), (j), and (k).	
mW).	(s) Turn volume control of R-442/VRC fully clockwise on TS-723B/U meter.	It should indicate at Record indication least 7.75 V (100
	(t) Disconnect TS-723B/U meter leads C and D from Test Cable No. 1	
	(u) Set TS-723B/U meter range switch to 0.3 Vrms.	
	(v) Connect TS-723B/U meter leads C and D to Test Cable No. 1 terminals K and A, respectively. Record indication on TS-723B/U meter.	It should be between 0.16 and 0.31 V.

STORAGE SERVICEABILITY STANDARDS TEST DATA SHEET (3)

To: Cdr, CFCOM, ATTN: DRSEL-PA-E(SSS), Ft. Monmouth, NJ 07703

From: \_\_\_\_\_ Contract No: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_

NSN: \_\_\_\_\_ Serial No: \_\_\_\_\_

**INSPECTION TABLE A**

QUALITY DEFECT CODE	SEVERITY			ACCEPT	REJECT	
	DESCRIPTION	0	1			2
02						
13						
23						
30						
40						
41						
45						
48						
50						
51						
55						
62						
86						
90						

Storage Location: \_\_\_\_\_ Inspection Level: \_\_\_\_\_ AQL Major: \_\_\_\_\_ AQL Minor: \_\_\_\_\_

Lot Size: \_\_\_\_\_ Sample Size: \_\_\_\_\_ No. of Rejects: \_\_\_\_\_

Lot Accepted \_\_\_\_\_ Lot Rejected \_\_\_\_\_

	SIGNATURE	DATE	SYMBOL	AUTOVON
TESTER				
INSPECTOR				

Figure B-9. Storage Serviceability Standards Test Data Sheet for Test Procedure 046, Receiver-Radio.

STORAGE SERVICEABILITY STANDARDS TEST DATA SHEET (3)

INSPECTION TABLE B

TITLE OF INSPECTION	FREQ.	VERIFY	
		ACCEPT	REJECT
Squelch Sensitivity (Noise)	41.05		
	64.05		
(Tone)	41.05		
	64.05		
Frequency Accuracy Tone Quality Volume Control			
TITLE OF INSPECTION		REQUIRED	TEST
Audio Output and Distortion		17.3 V (500 mW) min 8 percent max 7.75 V (100 mW) min 0.16-0.31 V	V % V V

Figure B-9. Storage Serviceability Standards Test Data Sheet  
for Test Procedure 046, Receiver-Radio--Continued.



**TEST PROCEDURE 050  
RADIO SET AN/PRC-77 SERIES  
5820-00-930-3724**

**1. General.**

This procedure provides a description of special test equipment, fixturing, cabling, instrumentation and instructions for performing inspections and evaluations applicable to the Radio Set AN/PRC-77, which consists of the following type designated items:

5820-00-086-7138	Bag, Cotton Duck CW-503/PRC-25
5820-00-085-7148	Battery Box CY-2562/PRC-25
5820-00-086-7149	Support Antenna AB-591A/PRC
5820-00-242-4967	Antenna AT-271A/PRC
5820-00-889-3803	Antenna AT-892/PRC-25
5820-00-930-3725	Receiver-Transmitter Radio RT-841/PRC-77
5965-00-069-8886	Handset H-189/GR may be used in lieu of H-189/GR
5965-00-043-4386	Handset H-250/U
5999-892-8094	Harness, Electrical Equipment ST-138/PRC-25

**2. Test Equipment/Test Setup.**

All tests are to be performed under the following environmental conditions, unless otherwise stated:

Temperature:	$230 \pm 100\text{C}$ ( $730 \pm 180\text{F}$ ).
Relative Humidity:	$50 \pm 30$ percent.

All test equipment is to be energized for at least 30 minutes prior to utilization, unless otherwise specified in operating manual for the test equipment.

All tests are to be performed in an electromagnetic shielded enclosure, if in a high RF field of interference.

The radio should be preconditioned by turning it on and exercising the band switch kHz and MHz knobs and verifying that all controls are functioning properly. In the squelch and retransmit position, the radio should not become unsquelched due to noise (i.e., no signal present). One frequency in the "A" band and one frequency in the "B" band frequency ranges are sufficient for this test.

**NOTE**

No transmitter sidetone will be heard in the retrans mode. A 10 volt input can be used if a regulated power supply is available, or a battery may be employed.

Table D-3 lists the test equipment. Figures B-10 through B-14 illustrate the various test setups.

**Table B-3. Test Equipment and Accessories for Procedure 050 (Radio Set)**

Item	Technical Manuals (Ref.)
Electronic Counter AN/USM-207	TM 11-6625-700-10
Signal Generator AN/URM-103	TM 11-6625-586-12
Signal Generator AN/USM-127	TM 11-6625-683-15
Electronic Voltmeter ME-30/U	TM 11-6625-320-12
Spectrum Analyzer TS-723B/U	TM 11-6625-255-14
Bird Model 61 Wattmeter or equal	
Power Supply PP-3514/U (require 2 each)	TM 11-6625-617-12
Adapter (require 3 each)	UG-201/U T
Adapter (P/O AN/USM-207)	UG-274B/U, T
Handset (not required for AN/PRC-77, Handset is part of set)	H-189/GR
Special test equipment (see Test Procedure 001)	SSS-013-002-1 Test Box
Dummy Antenna	SSS-013-002-2
RF Attenuator	SSS-013-002-3
Test Cable No. 1 (require 3 each)	SSS-013-002-4
Test Cable No. 2 (require 2 each)	SSS-013-002-5
Test Cable No. 3 (require 4 each)	SSS-013-002-6

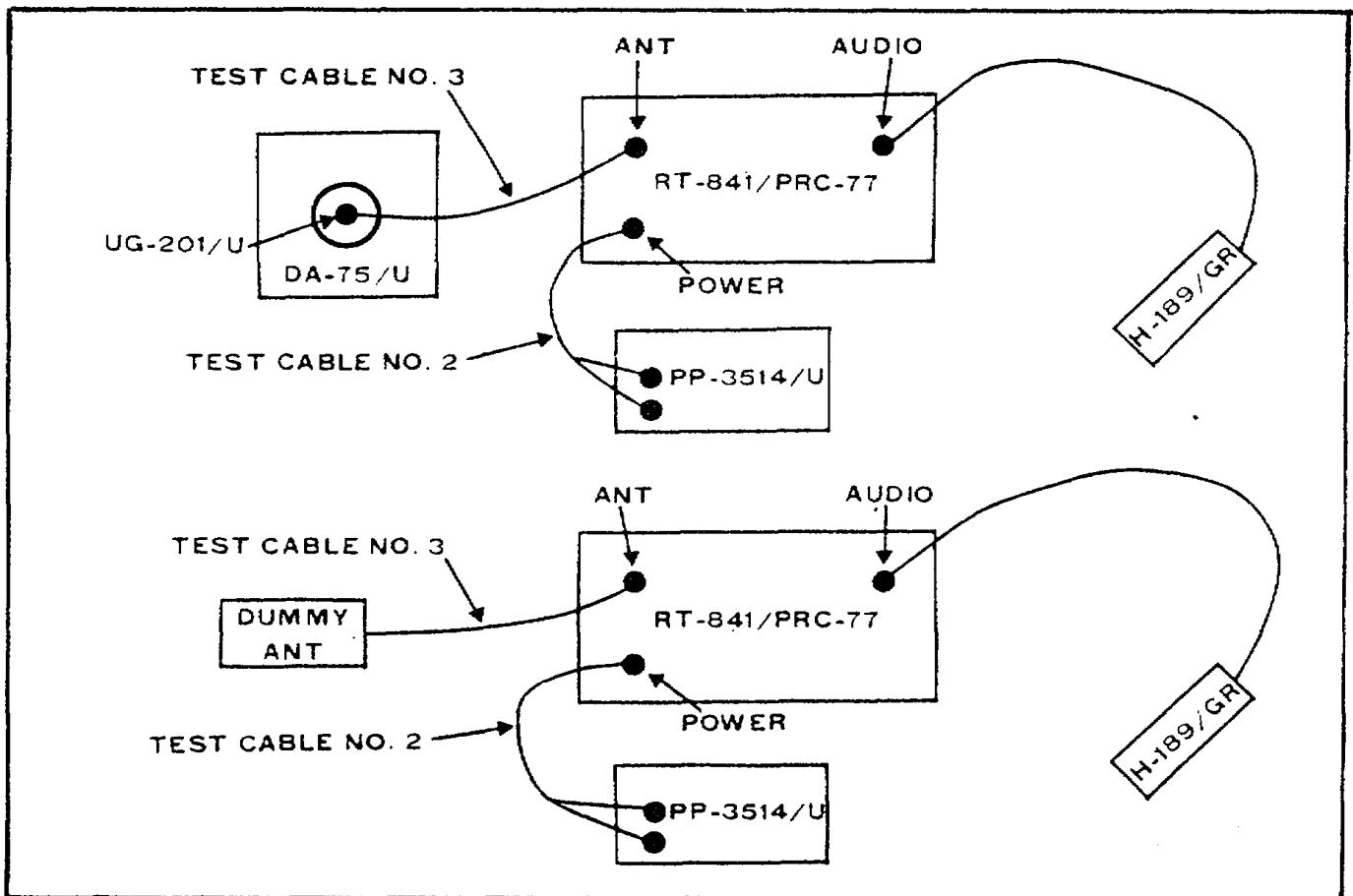


Figure B-10. Operational Tests.

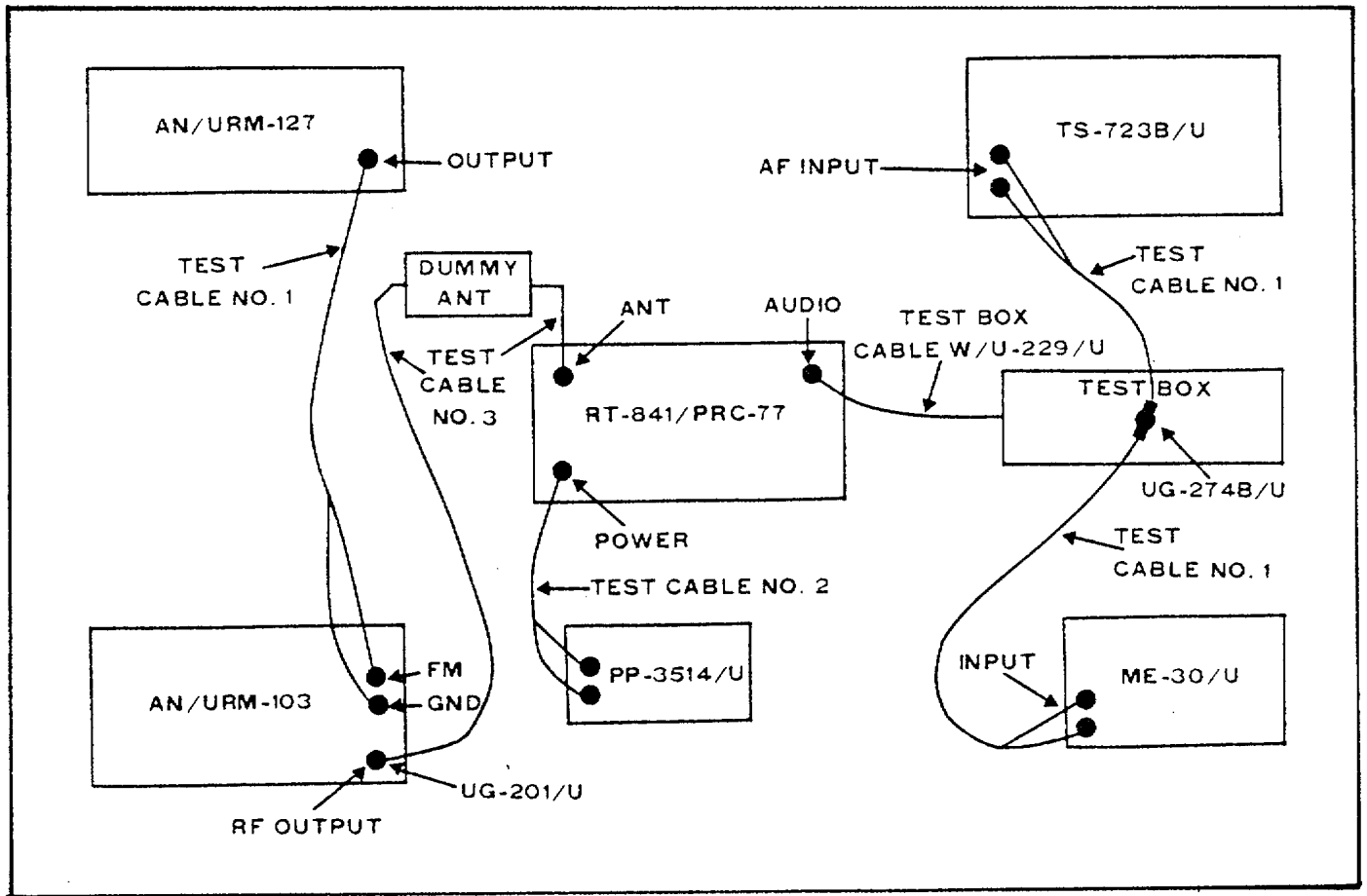


Figure B-11. Squelch Sensitivity Test.

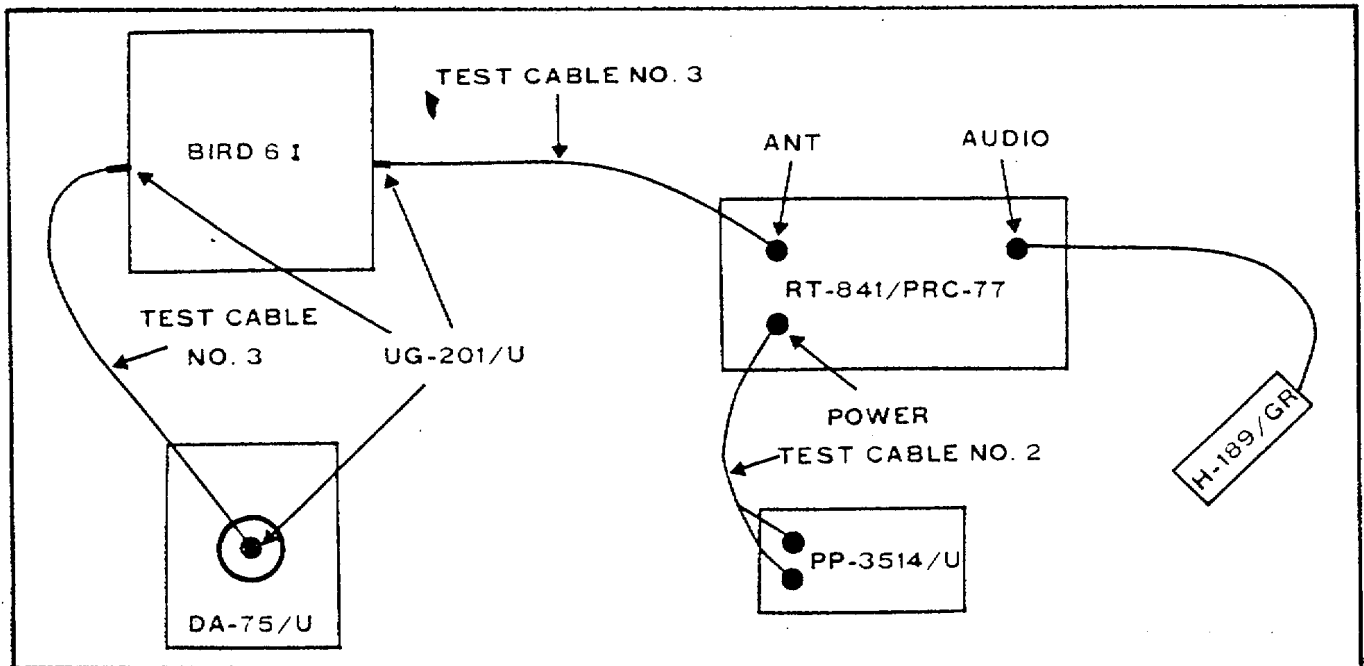


Figure B-12. Transmitter RF Power Output Test.

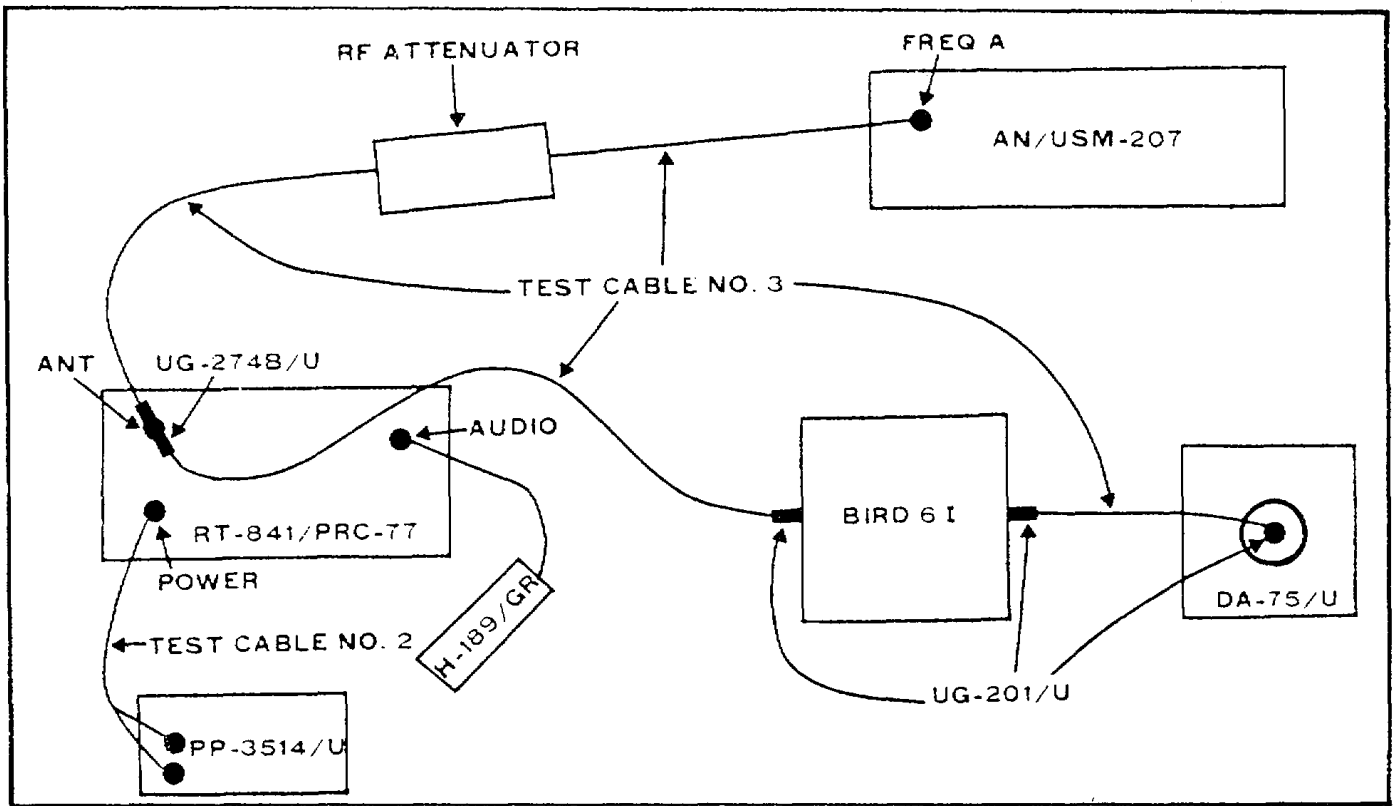


Figure B-13. Frequency Accuracy Test.

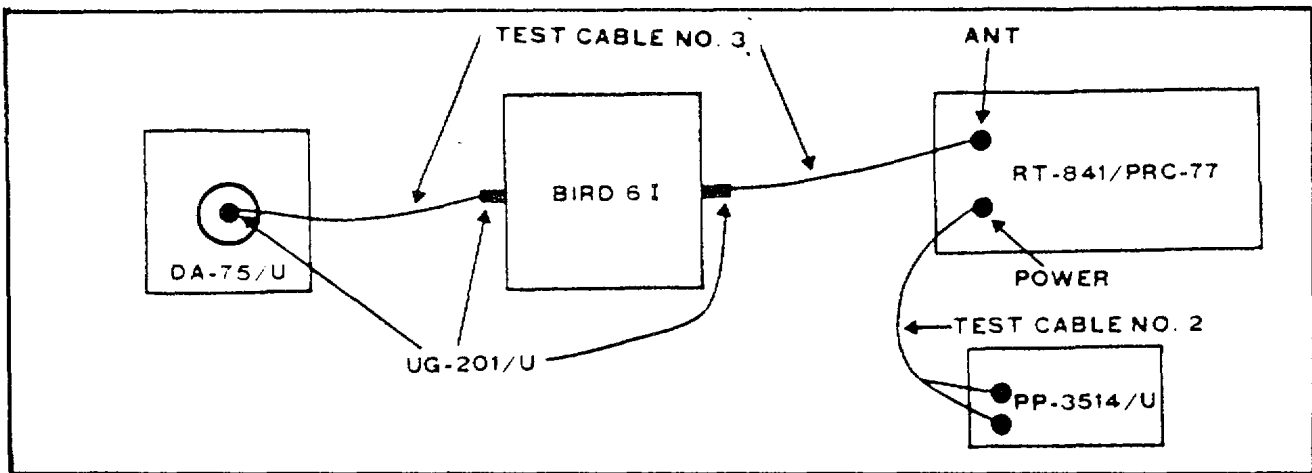


Figure B-14. Antenna Loading Test.

**3. Inspection Requirements.**

The following mechanical-visual inspections are applicable to all AN/PRC-77 series systems, sets, units, and assemblies and further define the coded inspection criteria given in appendix A.

- (1) Inspect equipment covers and front panels for condition of finish and panel markings.
- (2) Inspect for dents, punctures, or warped areas.
- (3) Inspect spring lock fasteners and receptacles.
- (4) Inspect external surfaces for loose or missing screws or washers.
- (5) Inspect receptacles for condition of pins, contacts, mounting, and for foreign particles.
- (6) Inspect air filters and air outlet for excessive dirt or grit.
- (7) Operate all controls through all their positions. (Do not disturb screwdriver adjustments.) Controls shall operate smoothly with no binding. Control knobs shall be tight on their shafts with no missing or loose hardware.
- (8) Check for meter damage and broken indicator glass on radio set control and reflectometer.
- (9) Inspect all exposed metal surfaces for rust and corrosion.
- (10) Inspect safety wiring on the wing nut fasteners on the mounting.
- (11) Check the mechanical action of the switches and knobs. They shall move smoothly, free of binding and scraping on the radio set control.
- (12) Inspect handles for looseness and defects.

**4. Electrical Tests.**

The following tests are to be performed, using the applicable data sheet (figure B-15) for Radio Set AN/PRC-77.

Step	Settings and Instructions	Normal Indication
<b>1. Operational Test</b>		
	(a) Position two AN/PRC-77's (RT-841/PRC-77) at least 25 feet apart.	
	(b) Set the power supplies for 10.0 VDC, and connect to "POWER" connector on the front panel of the RT-841-PRC-77 with Test Cable No. 2.	
	(c) Connect the equipment in accordance with figure B-10.	

Step	Settings and Instructions	Normal Indication
1 (cont.)	(d) On both RT-841/PRC-77's, set the controls as follows: (1) Function switch to "ON" (2) Frequency selector to 30 MHz. (3) "MODE" switch to "ON." (4) Adjust "VOLUME" control to comfortable listening level. (e) Press the H-189/GR(H-250/U) push-to-talk switch, and speak into the handset	Observe audio quality and sidetone, and record presence of excessive noise and hum.
	(f) On both RT-841/PRC-77's, set the controls as follows: (1) Frequency selector to 53.0 MHz. (2) "MODE" switch to "SQUELCH." (g) Press the H-189/GR push-to-talk switch, speak into the handset. Observe squelch function and audio quality.	No audio should be heard on the handset.
	(h) On both RT-841/PRC-77's, set the controls as follows: (1) Frequency selector to 75.0 MHz. (2) "MODE" switch to "RETURN." (i) Press the H-189GR push-to-talk switch, speak into the handset. Observe squelch and audio quality.	No audio should be heard on the handset.
	(j) On both RT-841/PRC-77's, set the controls as follows: (1) Switch to "LOW BAND." (2) Frequency selector to 52.0 MHz. (3) "MODE" switch to "SQUELCH." (k) Press the H-189/GR push-to-talk switch, speak into the handset. Observe squelch function and audio quality.	No audio should be heard on the handset.
	(1) On both RT-841/PRC-77's hold "MODE" switch to "LITE" position	Frequency dial will be illuminated until the spring loaded "MODE" switch is released.
<b>2 Squelch Sensitivity</b>	(a) Connect the test equipment as shown in figure B-11. (b) On the ME-26B/U, set controls as follows: Function Switch: Ohms	

Step	Settings and Instructions	Normal Indication
2 (cont.)	<p>(c) On the ME-30A/U, set controls as follows:</p> <ol style="list-style-type: none"> <li>(1) Power Switch. On.</li> <li>(2) Range Selector Switch. 3 V i 10 dB</li> </ol> <p>(d) On the AN/USM-127, No. 1, set controls as follows:</p> <ol style="list-style-type: none"> <li>(1) Frequency Range Multiplier Switch. X10</li> <li>(2) Frequency Range Dial . 100</li> <li>(3) Attenuator Switch. VX10.</li> <li>(4) Output Control. Fully counterclockwise.</li> </ol> <p>(e) On the AN/USM-127, No. 2, set controls as follows:</p> <ol style="list-style-type: none"> <li>(1) Frequency Range Multiplier Switch. X1</li> <li>(2) Frequency Range Dial. 150</li> <li>(3) Attenuator Switch. VX10</li> <li>(4) Output Control. Fully counterclockwise.</li> </ol> <p>(f) On the AN/URM-103, set controls as follows:</p> <ol style="list-style-type: none"> <li>(1) Range switch. B</li> <li>(2) Control Switch. Ext</li> <li>(3) FM Mode Inc Frequency Switch. MOD 0-20</li> <li>(4) Coarse Tuning Control. 41.05 MHz</li> <li>(5) Set Carrier Control . Adjust to line on carrier level meter.</li> <li>(6) Attenuator Control. Set 6 dB line to 0.5 PV.</li> </ol> <p>(g) On the RT-841/PRC-77 set controls as follows:</p> <ol style="list-style-type: none"> <li>(1) Band Switch. 30-52MC</li> <li>(2) Rec-Trans Frequency (MC) Control. 41.05 MHz</li> <li>(3) Rec-Trans Frequency (KC) Control. 00</li> <li>(4) Function Switch. On</li> <li>(5) Volume Control . 5</li> <li>(6) Set switch S1 to ON and switch S2 to OFF.</li> </ol> <p>(h) Set AN/USM-127 No. 1 output control for 10 KC indication on the AN/URM-103 modulation and incremental frequency meter.</p> <p>(i) Adjust the AN/URM-103 coarse and fine tuning controls for peak indication on ME-30A/U. Adjust RT-841/PRC-77 volume control for 1 volt.</p> <p>(j) Set switch S1 to OFF and switch S2 to ON.</p> <p>(k) Adjust AN/USM-127 No. 2 output control for a 3 KC on the modulation and incremental frequency meter of the AN/URM-103.</p> <p>(l) Turn the RT-841/PRC-77 function switch to squelch position Set switch S1 to ON</p>	<p>The ME-30A/U should indicate an output (squelch relay energized).</p>

Step	Settings and Instructions	Normal Indication
2 (cont.)	(m) Turn the RT-841/PRC-77 function switch to retrans position	ME-30A/U should indicate an output. ME-26B/U should indicate o ohm (squench relay energized).
	(n) Set the AN/URM-103 attenuator control to 0.35 PV	ME-30A/U should indicate an output. ME-26B/U should indicate O ohm (squench relay energized).
	(o) Set the AN/URM-103 attenuator control for a reading of 0, and reset to 0.5 pV after performance has been checked	The ME-30A/I should indicate no output, and ME-26B/U should indicate an open circuit (infinite resistance; squench de-energized) with input at D PV.
	(p) Set switch S2 to OFF and set AN/URM-103 output control for a 15 KC indication on the modulation and incremental frequency meter	The ME-30A/U should indicate no output and ME-26B/U should indicate an open circuit.
	(q) Set AN/URM-103 output control for a 12 KC indication on the modulation and incremental frequency meter, and set switch S2 to ON	The ME-30A/U should indicate an output ME-26B/U should indicate D ohm (squench relay energized).
	(r) Repeat steps in paragraphs a through q above at frequency of 64.05 MHz except that the AN/URM-103 be changed as follows: (1) Range Switch. C (2) Coarse Tuning Control. 64.05 MHz	

### 3 Transmitter RF power output

- (a) Set the power supply for 12.5 VDC and connect to "POWER" connector in the front panel of the RT-841/PRC-77 with Test Cable No. 2.
- (b) Connect the test equipment in accordance with figure B-12.
- (c) Energize all test equipment. On the RT-841/PRC-77, set function switch to the "ON" position, and the frequency to 30.05 MHz.



Step	Settings and Instructions	Normal Indication
3 (cont.)	<p>(d) Press the H-189/GR(H-250/U) push-to-talk switch, and record the power output indicated on Bird Model 61. Release the H-189/GR push-to-talk switch</p> <p>(e) Repeat the test for frequencies of 30.05, 52.95, 53.05, and 75.95 MHz.</p>	<p>The minimum acceptable reading is 1.5 W for 30.05 and 30.95 MHz, and 1.0 W for the other frequencies.</p>

### Frequency accuracy

- (a) Set the power supply for 12.5 VDC and connect to "POWER" connector on the front panel of the RT-841/PRC-77 with Test Cable No. 2.
  - (b) Connect the test equipment in accordance with figure B-13.
  - (c) Energize all test equipment. On the RT-841/PRC-77, set the function switch on the "ON" position and the frequency to 30.05 MHz.
  - (d) On the AN/USM-207, set the controls as follows:
    - (1) Sensitivity switch to "100 V" position.
    - (2) Time base switch to "Gate Time (secx)-102."
    - (3) Set function switch to "Freq."
  - (e) Press the H-189/GR (H-250/U) push-to-talk switch.
  - (f) Adjust AN/USM-207 sensitivity switch counterclockwise until a stable reading is obtained.
  - (g) Record the frequency indicated on both the RT-841/PRC-77 and the AN/USM-207
- The reading on the RT-841/PRC-77 will be within  $\pm 3.5$  kHz on the AN/USM-207 reading.
- (h) Repeat the test for frequencies of 30.95; 52.60, 52.70, 52.80, 52.90, 53.10, 53.20, 53.30, 53.40, 53.50, 75.95 MHz.
  - (i) Adjust the power supply output to 10.0 VDC and repeat the test for frequencies of 30.95, 53.90, 53.80, 53.70, 53.60 MHz.
  - (j) Adjust the power supply output to 15.0 VDC and repeat the test for frequencies of 75.50, 52.40, 52.30, 52.20, 52.10, 52.00 MHz.

Step	Settings and Instructions	Normal Indication
4	<b>NOTE</b>	
(cont.)	If readings are faulty, the frequency selector switch contacts may be corroded. To clean switch contacts, rotate frequency selector switch several times through entire range, then proceed with test.	
	All the frequencies must be approached from the high side. If you overshoot the frequency, go back and come down again. (Some sets will false lock in the down direction but will work in the up direction. They should be rejected.) The set can be kept keyed while changing frequencies. However, if the set fails to lock on frequency, unkey the set, then re-key it without touching the kHz knob. This procedure can be used for acceptance purposes.	
5	<b>Antenna loading</b>	
	<ul style="list-style-type: none"> <li>(a) Set the power supply for 12.5 VDC and connect to "POWER" connector on the front of the RT-841/PRC-77 with Test Cable No. 2.</li> <li>(b) Connect the equipment in accordance with figure B-14.</li> <li>(c) Energize all test equipment. On the RT-841/PRC-77, set the function to the "ON" position and the frequency to 41.0 MHz.</li> <li>(d) On Bird Model 61, record RF power reading.</li> <li>(e) Insert an orange stick or similar non-metallic instrument into the antenna receptacle and listen for a click as the plunger is depressed.</li> <li>(f) On Bird 61, record RF power reading with plunger depressed. percent below the reading taken in (d) above.</li> <li>(g) Repeat the test for a frequency of 64.0 MHz.</li> </ul>	The reading should decrease approximately 25
	<b>NOTE</b>	
	This only gives a rough indication of antenna network alignment. The microswitch should actuate and the plunger should not "stick" in the down position. Actuation of the microswitch simulates long antenna usage.	

STORAGE SERVICEABILITY STANDARDS TEST DATA SHEET(1)

To: Cdr, CFCOM, ATTN: DRSEL-PA-E(SSS), Ft. Monmouth, NJ 07703

From: \_\_\_\_\_ Contract No: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_

NSN: \_\_\_\_\_ Serial No: \_\_\_\_\_

INSPECTION TABLE A

QUALITY DEFECT CODE				ACCEPT	REJECT
DESCRIPTION	SEVERITY				
	0	1	2		
02					
13					
23					
30					
40					
41					
45					
48					
50					
51					
55					
62					
86					
90					

Storage Location: \_\_\_\_\_ Inspection Level: \_\_\_\_\_ AQL Major: \_\_\_\_\_ AQL Minor: \_\_\_\_\_

Lot Size: \_\_\_\_\_ Sample Size: \_\_\_\_\_ No. of Rejects: \_\_\_\_\_

Lot Accepted \_\_\_\_\_ Lot Rejected \_\_\_\_\_

	SIGNATURE	DATE	SYMBOL	AUTOVON
TESTER				
INSPECTOR				

Figure B-15. Storage Serviceability Standards Test Data Sheet for Test Procedure 050, Radio Set.

STORAGE SERVICEABILITY STANDARDS TEST DATA SHEET(1)

INSPECTION TABLE B

TITLE OF TEST	REQUIREMENT	ACCEPT	REJECT
Operational	Step 1 Verify		

TITLE OF TEST	PARA.	REQUIREMENT	ACCEPT	REJECT
Squelch Sensitivity	Step 2d	Verify		
	Step 2m	Verify		
	Step 2n	Verify		
	Step 2o	Verify		
	Step 2p	Verify		
	Step 2q	Verify		

TITLE OF TEST	FREQ	REQUIRED	TEST
Transmitter RF Power Output	30.05 MHz	1.5 W Min	
	52.95 MHz	1.0 W Min	
	53.05 MHz	1.0 W Min	
	75.95 MHz	1.0 W Min	

TITLE OF TEST	FREQ	RT-841	TOLERANCE	AN/USM-207
Frequency Accuracy 10 V Input	30.05 MHz		+3.5 kHz	
	30.95 MHz		±3.5 kHz	
	53.90 MHz		±3.5 kHz	
	53.80 MHz		±3.5 kHz	
	53.70 MHz		±3.5 kHz	
15 V Input	53.60 MHz		±3.5 kHz	
	75.50 MHz		±3.5 kHz	
	52.40 MHz		±3.5 kHz	
	52.30 MHz		±3.5 kHz	
	52.20 MHz		±3.5 kHz	
	52.10 MHz		±3.5 kHz	
	52.00 MHz		±3.5 kHz	

TITLE OF TEST	FREQ	PLU UP	REQUIRED	PLU DEP
Antenna Loading	41 MHz		25% below	
	64 MHz		25% below	

Figure B-15. Storage Serviceability Standards Test Data Sheet for Test Procedure 050, Radio Set--Continued.

**TEST PROCEDURE 076  
AMPLIFIER, AUDIO FREQUENCY AM-1780/VRC**

**1. General.**

This procedure provides a description of special test equipment, fixturing, cabling, instrumentation and instruction for performing the inspections and evaluation applicable to the Amplifier, Audio Frequency AM-1780/VRC.

**2. Test Equipment/Test Setup.**

All tests are to be performed under the following environmental conditions, unless otherwise stated:

Temperature:  $230 \pm$  IOOC ( $730 \pm 180$ F)  
Relative Humidity: 80 percent maximum.

All test equipment is to be energized for a least 30 minutes prior to utilization, unless otherwise specified in operating manual for the test equipment.

Table B-4 lists the test equipment. Figure B-16 illustrates the test setup.

*Table B-4. Test Equipment for Procedure 076 (Amplifier, Audio Frequency)*

Item	Technical Manual (Ref.)
Signal Generator AN/URM-127	TM11-6625-683-15
Spectrum Analyzer TS-723/U	TM11-6625-255-14
Voltmeter, Electronic ME-30/U	TM11-6625-320-12
Power Supply PP-1104/U	TM11-6130-246-12
Resistor, 100 ohms, 10 percent, 0.5W	
SSS-013-003-3 Power Cable	
SSS-013-003-4 Test Cable No. 2 (require 3 each)	
SSS-013-004-1 Test Cable No. 1	
SSS-013-004-2 Test Cable No. 3	

**3. Inspection Requirements.**

The following mechanical-visual inspections are applicable to the audio frequency amplifier AM-1780/VRC units, and assemblies and further define the coded inspection criteria given in appendix A.

- (1) Inspect equipment covers and front panels for condition of finish and panel markings.
- (2) Inspect for dents, punctures, or warped areas.
- (3) Inspect spring lock fasteners and receptacles.
- (4) Inspect external surfaces for loose or missing screws or washers.
- (5) Inspect receptacles for condition of pins, contacts, mounting, and for foreign particles.

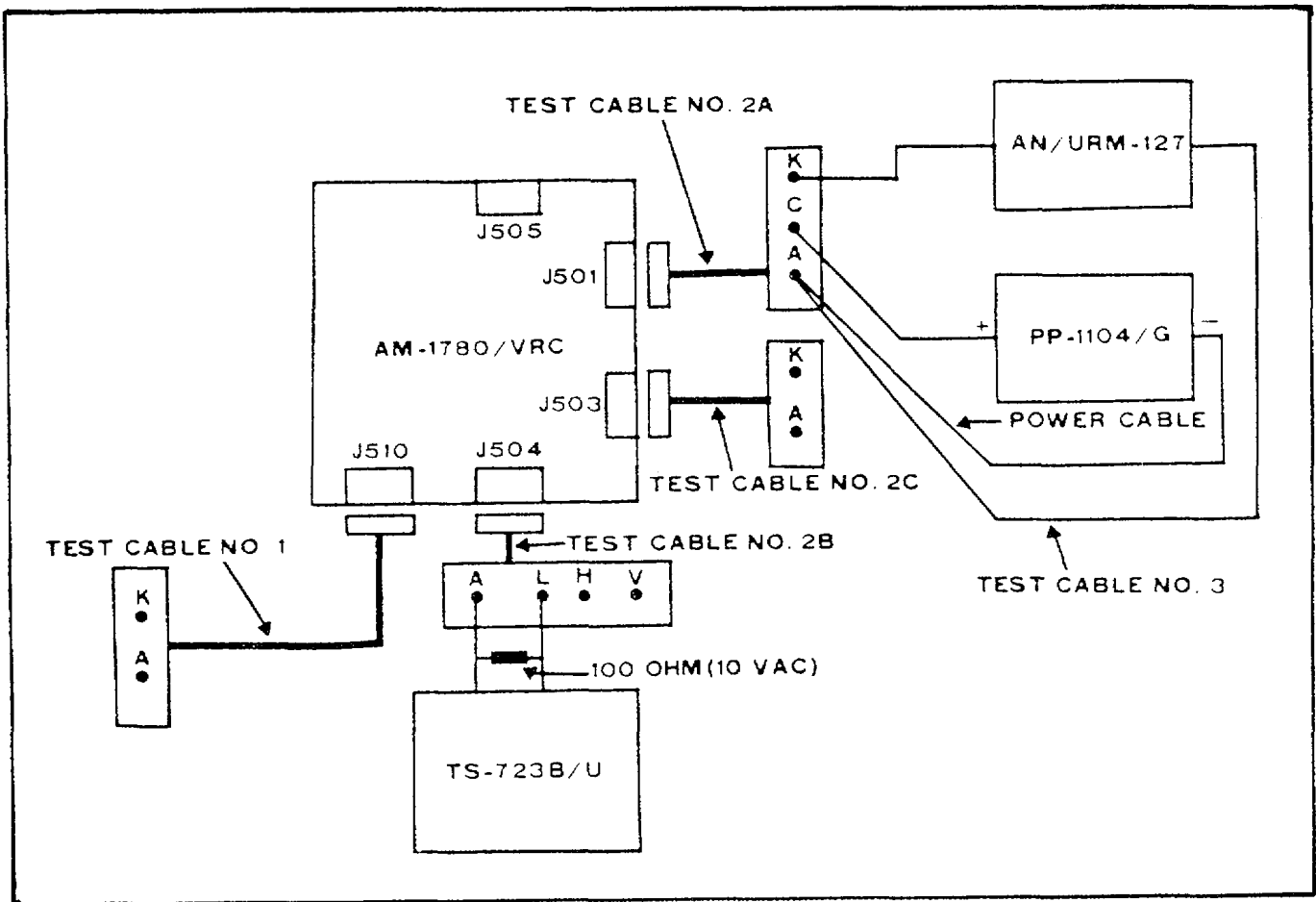


Figure B-16. Output and Distortion Test.

- (6) Operate all controls through all their positions. (Do not disturb screwdriver adjustments.) Controls shall operate smoothly with no binding. Control knobs shall be tight on their shafts with no missing or loose hardware.
- (7) Check for meter damage and broken indicator glass on radio set control and reflectometer.
- (8) Inspect all exposed metal surfaces for rust and corrosion.
- (9) Inspect safety wiring on the wing nut fasteners on the mounting.
- (10) Check the mechanical action of the switches and knobs. They shall move smoothly, free of binding and scraping on the radio set control.
- (11) Inspect handles for looseness and defects.

#### 4. Electrical Tests

The following tests are to be performed, using the applicable data sheet (figure B-17), for the Amplifier, Audio Frequency, AM-1280/VRC

Step	Settings and Instructions	Normal Indication
<b>1</b>	<b>Output and distortion</b>	
	(a) Connect the equipment in accordance with figure B-16.	
	(b) Adjust the output of the PP-1104/U for 25.5 VDC.	
	(c) Set AM-1780/VRC controls as follows: (1) Main power. Norm (2) Installation. Other (3) Power circuit breaker. On	The power indicator should light.
	(d) Adjust the output of the AN/URM-127 to 0.22 V. Use the ME-30/U to measure the output voltage of the AN/URM-127 throughout this procedure.	
	(e) Adjust the TS-723/U to measure voltages. Record the voltage across the 100 ohm resistor.	The voltage should not be less than 10 VDC.
	(f) Readjust the TS-723/U to measure distortion. Record the distortion across the 100 ohm resistor.	Distortion should not exceed 10 percent.
	(g) Readjust the TS-723/U to measure voltages.	
	(h) Connect AN/URM-127 to terminals K and A (ground) of Test Cable No. 1 connected to J510. Readjust AN/URM-127 output voltage, if necessary, to 0.22 VAC.	
	(i) Record the TS-723/U voltage indication	The voltage should not be less than 10 VAC.
	(j) Connect AN/URM-127 to terminals K and A (ground) of Test Cable No. 2C connected to J503. Readjust AN/URM-127 output voltage, if necessary, to 0.22 VAC.	
	(k) Record the TS-723/U voltage indication  (1) Turn the AM-1780/U power circuit breaker to OFF.	The voltage should not be less than 10 VAC.
	(m) Connect Test Cable No. 2C to J505 with AN/URM-127 still attached to terminals K and A.	

Step	Settings and Instructions	Normal Indication
1 (cont.)	<p>(n) Connect a jumper wire from terminal H to A on Test Cable No. 2B connected to J504. This will cause relays K501, K502, and K503 to energize when AM-1780/U is turned on.</p> <p>(o) Turn the AM-1780/U power circuit breaker to ON.</p> <p>(p) Record the TS-723/U voltage indication</p> <p>(q) Connect the AN/URM-127 to terminals V and A on Test Cable No. 2B connected to J504. Readjust AN/URM-127 output voltage, if necessary, to 0.22 VAC.</p> <p>(r) Record the TS-723/U voltage indication</p>	<p>The voltage should not be less than 10 VAC</p> <p>The voltage should not be less than 10 VAC.</p>



STORAGE SERVICEABILITY STANDARDS TEST DATA SHEET (9)

To: Cdr, CFCOM, ATTN: DRSEL-PA-E(SSS), Ft. Monmouth, NJ 07703

From: \_\_\_\_\_ Contract No: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_

NSN: \_\_\_\_\_ Serial No: \_\_\_\_\_

INSPECTION TABLE A

QUALITY DEFECT CODE				ACCEPT	REJECT
DESCRIPTION	SEVERITY				
	0	1	2		
02					
13					
23					
30					
40					
41					
45					
48					
50					
51					
55					
62					
86					
90					

Storage Location: \_\_\_\_\_ Inspection Level: \_\_\_\_\_ AQL Major: \_\_\_\_\_ AQL Minor: \_\_\_\_\_

Lot Size: \_\_\_\_\_ Sample Size: \_\_\_\_\_ No. of Rejects: \_\_\_\_\_

INSPECTION TABLE B

TITLE OF INSPECTION	TEST POINT	REQUIREMENT	READING
Output and Distortion	J501 output	10 VAC min.	VAC
	J501 distortion	less than 10%	%
	J510 output	10 VAC min.	VAC
	J503 output	10 VAC min.	VAC
	J505 output	10 VAC min.	VAC
	J504 output	10 VAC min.	VAC

Lot Accepted \_\_\_\_\_ Lot Rejected \_\_\_\_\_

	SIGNATURE	DATE	SYMBOL	AUTOVON
TESTER				
INSPECTOR				

Figure B-17. Storage Serviceability Standards Test Data Sheet for Test Procedure 076, Audio Frequency Amplifier.

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5821  
(Ref. Appendix A-28)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

INSTRUCTIONS (slash sheet)		APPLICABLE ITEM	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>5821-00</u>	
002	TM11-5820-518-20,-35	082-3927	RT-742/ARC-51BX
003	TM11-5821-217-12	682-3831	R-1123A/ARC-73
004	TM11-5821-217-12	682-8832	T-879/ARC-23
005	TM11-5821-351-13-1	031-7217	AN/ARW-83V3
006	TM11-6625-2898-13	063-1915	AN/ARM-163V3
007	TM11-5821-315-13-1,-2	063-1917	AN/ARW-83V4
008	TM11-5841-266-13	071-5624	AN/ARC-164VZ
009		094-5659	
010		134-5955	
011		851-1096	
		<u>5821-01</u>	
012		070-5855	
013		072-1351	

**TEST PROCEDURE 002  
RADIO SET AN/ARC-51 SERIES  
(5821-00-082-3927)**

**1. General.**

This procedure provides a description of special test equipment, fixturing, cabling, instrumentation and instructions for performing inspections and evaluations applicable to the Radio Set AN/ARC-51 Series.

**2. Test Equipment/Test Setup.**

For the purpose of the test required herein the power shall be 305 watts at 27.5 i 0.5 volts dc.

A source of air, 3 to 6 psi such as provided from a tire pump, is required to pressurize the Receiver-Transmitters RT-742/RC-51BX and RT-742B/ARC-51BX.

Table B-5 lists the test equipment; figures B-18 to B-20 illustrate the test setups.

*Table B-5. Test Equipment and Accessories for Procedure 002 (Radio Set)*

Item	Technical Manuals (Ref.)
Vacuum Tube Voltmeter TS-505/U	TM11-6625-239-12
RF Wattmeter AN/URM-120	TM11-6625-446-15
Audio Oscillator TS-382D/U	TM11-6625-261-12
Headset H-101 A/U	TM11-5965-215-15
Signal Generator AN/USM-44A	TM11-6625-508-10
Power Supply, 27.5 volts dc, 12.25 A	
Any Type Automotive Tire Pump	
Air Gauge	
Oscilloscope OS-8C/U	TM11-1214A
Audio Wattmeter TS-585D/U	TM11-5017
Audio VTVM ME-30/U	TM11-6625-230-12
Maintenance Kit, Electronic Equipment	
MK-731/ARC-51X	TM11-6625-564-12
Impedance Adapter MX-1074/URM-25C	TM11-5551C
Transfer Oscillator Hewlett-Packard	
Model 540B	TB9-6625-336-50
Resistor, 110 ohms, 1 watt	
Resistor, 42.2 ohms, 1 watt	
Resistor, 150 ohms, 1 watt	
Resistor, 1 to 1.5k ohms, 1 watt	

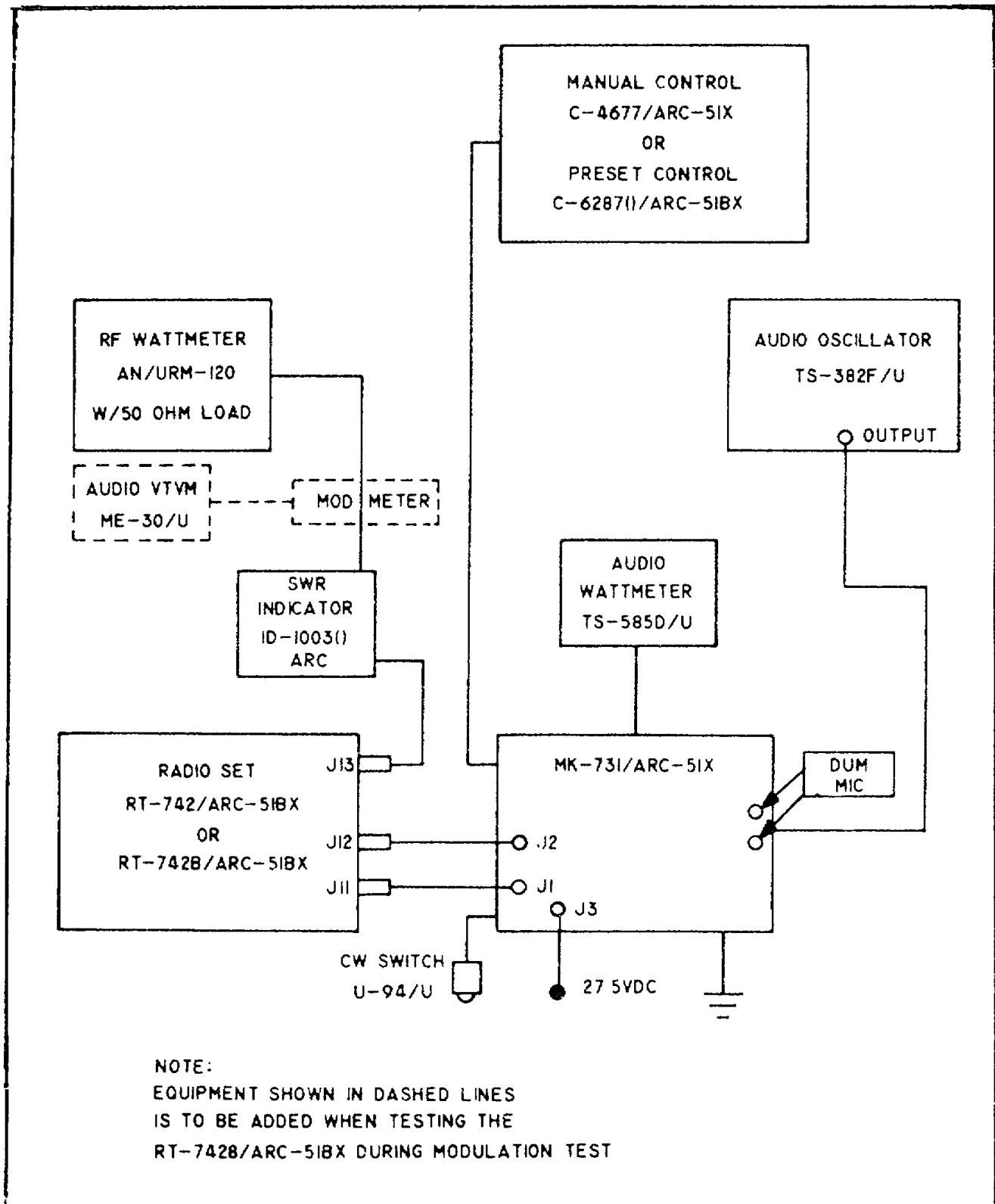


Figure B-18. Equipment and Test Units for Making Power Output and Sidetone Measurements.

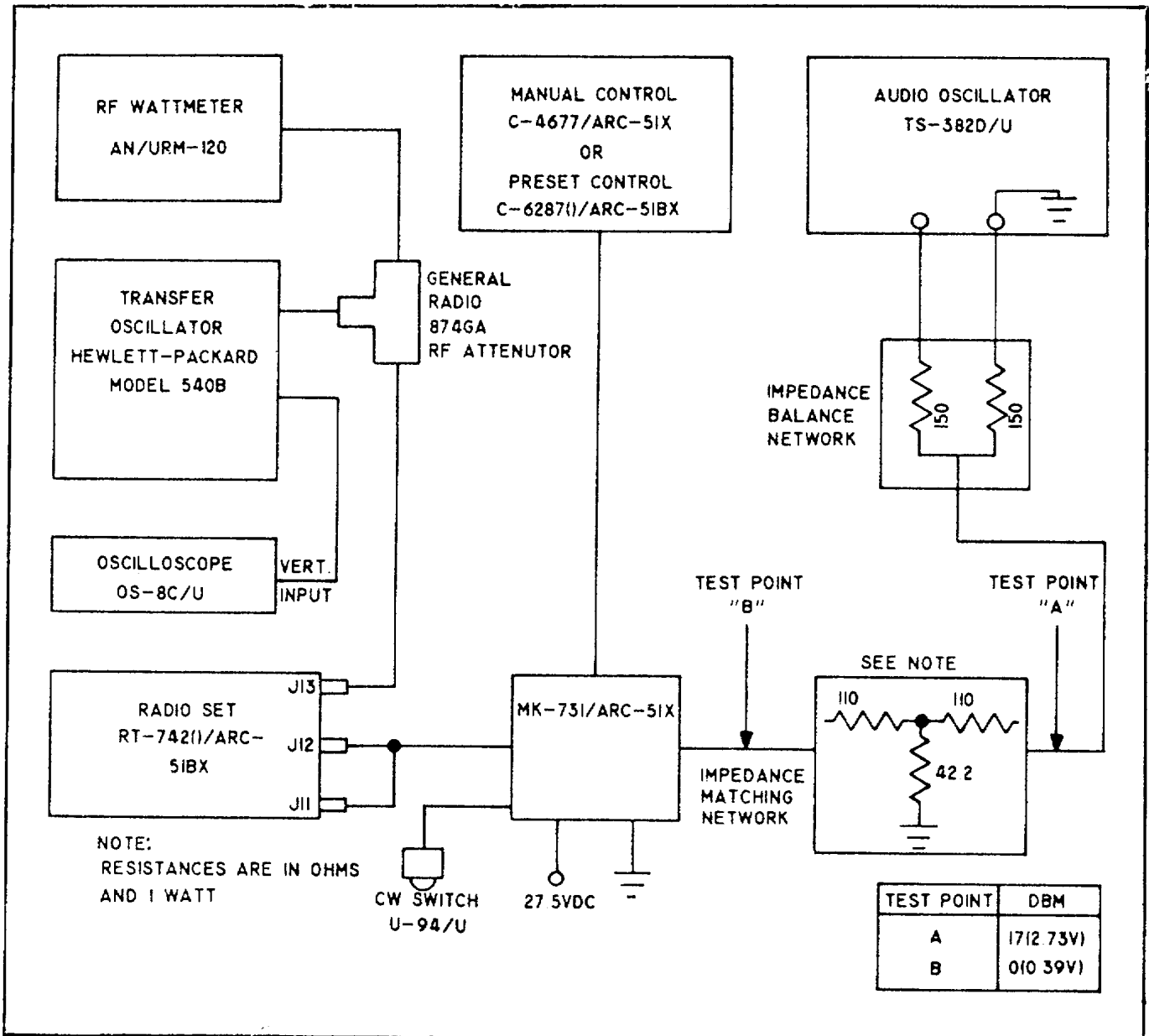


Figure B-19. Equipment and Test Units for Making Modulation Measurements.

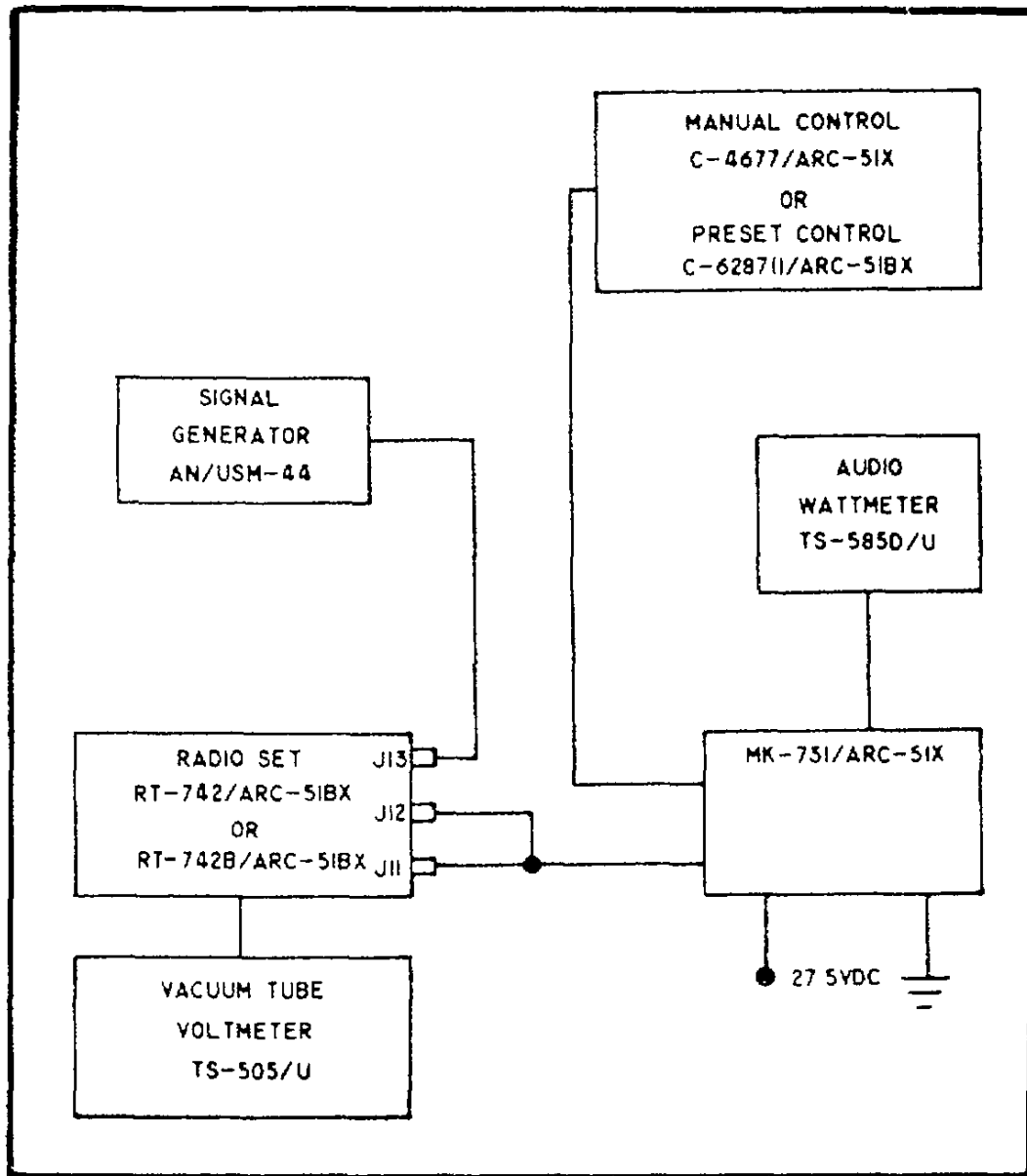


Figure B-20. Equipment and Test Units for Making Sensitivity Measurements.

### 3.0 Inspection Requirements.

The following mechanical-visual inspections are applicable to all AN/ARC-51 series systems, sets, units, and assemblies and further define the coded inspection criteria give in appendix A.

- (1) Inspect equipment covers and front panels for condition of finish and panel markings.
- (2) Inspect for dents, punctures, or warped areas.
- (3) Inspect spring lock fasteners and receptacles.
- (4) Inspect external surfaces for loose or missing screws or washers.
- (5) Inspect receptacles for condition of pins, contacts, mounting, and for foreign particles.
- (6) Inspect air filters and air outlet for excessive dirt or grit.

- (7) Operate all controls through all their positions. (Do not disturb screwdriver adjustments.) Controls shall operate smoothly with no binding. Control knobs shall be tight on their shafts with no missing or loose hardware.
- (8) Check for meter damage and broken indicator glass on radio set control and reflectometer.
- (9) Inspect all exposed metal surfaces for rust and corrosion.
- (10) Inspect safety wiring on the wing nut fasteners on the mounting.
- (11) Check the mechanical action of the switches and knobs. They shall move smoothly, free of binding and scraping on the radio set control.
- (12) Inspect handles for looseness and defects.
- (13) Check the pressure indicator. There shall be 3 to 5 psi internal air pressure in the receiver-transmitter.
- (14) Remove and inspect the air filter.
- (15) Inspect solder connections for missing solder, cold solder, insufficient solder, excessive solder, and improper wrap.
- (16) Inspect for illegible, incorrect, or missing markings.

**B-75**



#### 4.0 Electrical Tests.

The following tests are to be performed, using the applicable data sheets (figure B-21), for the Radio Set AN/ARC-51 series.

Step	Settings and Instructions	Normal Indication
1	<p><b>Pressurization Check</b>            With the RT-742/ARC-51BX and RT-742B/ARC-51BX covers in place, pressurize with air to 6 psi. Check pressure after standing for 24 hours at the same temperature and altitude.</p>	<p>Pressure loss shall not exceed 4 psi.</p>
2	<p><b>Transmitter Tests</b>            For Receiver-Transmitter RT-742/ARC-51BX, use procedure (a); for Receiver-Transmitter RT-742B/ARC-IBX, use procedure (b). Use an RF Wattmeter AN/URM-43A or equivalent in place of an antenna. Unless otherwise specified, use "VOL" and "SENS" controls in the maximum position only.</p> <p>(a) Turn on the radio by setting the power switch on the control to the T/R position. Allow the set to warm up for approximately 5 minutes before beginning the tests.</p> <p>(b) Connect the equipment as shown in figure B-18, and allow a 5 minute warm-up period. The RT-742B/ARC-51BX has a duty cycle of 5 minutes transmit and 10 minutes receive. During transmit operation, observe this duty cycle ratio. Connect the VTVM (ME-30/U) on the iIO V scale to A6J2, turn the control head frequency to 399.9 MHz on the power amplifier. Key the transmitter and adjust C6-Z1, C12-Z2, and C18-Z3 on the RF preamplifier for maximum voltage on the VTVM. Next connect the VTVM to A6J3, and adjust C5-Z1 trimmer on the power amplifier for maximum voltage. Adjust C14-Z2 trimmer for maximum power out and unkey. Connect the VTVM with the positive lead to A6J7 and the negative lead to A6J6 on the power amplifier with the transmitter unkeyed.</p>	

#### CAUTION

There is 420 volts on A6J6 and J7 with respect to ground while the transmitter is keyed. The VTVM must be isolated from ground.



Step	Settings and Instructions	Normal Indication
2 (cont.)	(c) Key the transmitter and adjust A6R11 V4 bias potentiometer on the power amplifier for 1.5 volts across A6J6 and J7. Unkey and disconnect the VTVM. Starting at indent 39 on the ten megacycle control, proceed to 22 checking for power at each position, go back to 39 and perform the power check for the whole and tenth megacycle position.	Power at each position (This checks all transmitter Xtals.)

### 3 Power Output

Refer to figure B-18 and connect the RF Wattmeter to the antenna jack J-13 of the Receiver-Transmitter unit using an approximate length of (10 feet of RG-9/V) cable. At each frequency in the tabulation below, observe that the frequency selection is symmetrically displayed in the read-out windows of the control unit. Key the transmitter and observe the following.

Output as read on the meter is at least 16 watts. Also note that the average output for the 19 channels shall be at least 20 watts.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	225.1	10	314.6
2	233.8	11	321.1
Guard	243.0	12	339.7
3	250.6	13	345.4
4	258.6	14	356.5
5	268.2	15	365.4
6	270.6	16	372.5
7	283.4	17	382.6
8	291.3	18	399.9
9	306.2		

### 4 Sidetone Tests

For Receiver-Transmitter RF-742/ARC-51BX, use procedure (a); for Receiver Transmitter RT-752B/ARC-51BX use procedure (b). Refer to figure B-18.

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Step	Settings and Instructions	Normal Indication
4 (cont.)	(a) Using not less than 3 widely separate frequencies, key the transmitter and talk into the microphone. Listen to the sidetone output at the headset H-IOIA/U to check for normal audio level characteristics questionable, check for proper operation by feeding a 100 Hz signal into the DUM MIC Jack with Audio Oscillator TS-382D/U, at a level of 3 db be-	The audio output power is 100 milliwatts.  The sidetone output should be indicated as not less than 14 If milliwatts at 30 percent modulation.

low clipping (or 70 percent of clipping).

- (b) Same as (a) above. When the signal input level on the audio oscillator is adjusted to 3 db below clipping. If the wattmeter does not read 100 milliwatts, adjust R42 (located on the audio module until 100 milliwatts is obtained modulation.

The wattmeter shall read 100 milliwatts.

The sidetone output should be indicated as not less than 14 milliwatts at 30 percent

## 5 Modulation Tests

For Receiver-Transmitter RT-742/ARC-51BX use procedure (a); for Receiver-Transmitter RT-742B/ARC-51BX, use procedure (b).

- (a) Refer to figure B-19 and connect the test equipment as shown Set the function switch of the control unit to T/R+G position and allow the equipment to warm up for a least 5 minutes. Adjust the audio oscillator for an output of 1000 Hz and a signal level of 2.73 volts (17 DBM) at test point "A" as read on the VTVM. Connect the VTVM to test point "B".

The voltage shall read 0.39 volts (0 DBM)

Key the transmitter by operating the CW switch, and adjust the modulation gain control R20, located on the modulator and audio subassembly 1A4, to the point at which the modulation pattern just reaches the clipping level as viewed on the oscilloscope OS-BC/U.

Step	Setting and Instructions	Normal Indication
5 (cont.)	(b) Refer to figure B-18 and connect the equipment as shown. Set the function switch on the control unit to T/R+G position and allow the equipment to warm up for at least 5 minutes. Adjust the audio oscillator for an output of 1000 Hz and a signal level of 0.8 volts. With the control head frequency set at 304.7 MHz, key the transmitter by operating the CW switch.	The modulation meter shall read between 80 percent to 95 percent. If the modulation meter does not read these percentages adjust A4P1 on the modulator and audio module for approximately 85 percent modulation.
<b>6</b>	<b>Transient Protection Circuit Test</b>	
	To check the transient protection circuit when testing the RT-742B/ARC-51BX, connect a 1 to 1.5k ohms, 1-watt resistor from ground to the top of the power diode CR2, main frame, under the power amplifier and listen for the sound of the blower motor lugging.	If it lugs, the transient protection circuit is good. If it does not, reject the radio set as Q is shorted.
<b>7</b>	<b>Receiver Tests</b>	
	otherwise specified herein, the receiver tests shall include those to be made at approximately each of the extreme and midpoint frequencies available and also the guard channel frequency. All tests should be made using manual control C-4677/ARC-51X, or preset to the T/R+G position and give at least a 5 minute warm-up period. With the equipment connected as shown in figure B-20 the following alignment procedure will be used when bench testing the RT-742B/ARC-51BX.	
	(a) Adjust the signal generator for a 1,000 microvolt input modulated 30 percent at 1,000 Hz. With a frequency of 304 MHz, adjust A4R21 on the audio modulator for 100 milliwatts output across 150 ohms impedance.	The audio level for the main receiver is now set.
	(b) Adjust the signal generator for 1.5 to 2 microvolts output modulated 30 percent at 1,000 Hz and re-peak the generator to 304.7 MHz. Slowly turn A3R50 on 3rd IF amplifier until squelch opens (threshold).	Squelch level of the main receiver is now set.

Step	Setting and Instructions	Normal Indication
7 (cont.)	<p>(c) Connect the VTVM to measure DC volts at AJ2 of the RF preamplifier. Increase the output of the signal generator until the voltage begins to rise. If the voltage does not rise, adjust A3R31 on the third IF amplifier to achieve the above results</p>	<p>This shall occur between 50 and 150 microvolts.</p> <p>The adjustment of the main receiver AVC is now complete.</p>
	<p>(d) Adjust the signal generator for 1,000 microvolts 243.00 MHz modulated 30 percent at 1,000 Hz, and with the switches of the control box set at GD XMIT and T/R+G position, adjust A4R20 on the audio modulator for 100 milliwatts across 150 ohms.</p>	<p>The audio level of the guard receiver is now set.</p>
	<p>(e) Adjust the signal generator for 1.8 to 2.2 microwatts output modulated 30 percent at 1,000 Hz and re-peak the signal generator to 243 MHz. Slowly turn A7R51 on the guard receiver to open the squelch.</p>	<p>The squelch level of the guard receiver is now set.</p>
	<p>(f) Adjust A3R46 on the guard receiver so that the audio output as read on the audio wattmeter TS-585 D/U does not vary more than 3 db when the signal generator is varied from 10 to 100,000 microvolts.</p>	<p>Adjustment of guard receiver AVC is now complete.</p>
<b>8</b>	<b>Sensitivity Tests</b>	
	<p>With the equipment connected as shown in figure B-20, adjust the "SENS" and/or "VOL" knobs of the control box to the extreme clockwise positions. Modulate the signal generator 30 percent at 1,000 Hz. Adjust the signal level of the signal generator to 4.2 microvolts output to the main receiver or 5.0 microvolts to the guard receiver.</p>	<p>The resulting receiver audio output shall be at least 14 milliwatts and the signal-plus-noise to noise ratio shall be at least 10 db.</p>
	<p>If these results are not obtained, check the receiver sensitivity resistor A3R34, making sure it is adjusted maximum clockwise, and repeat the above tests.</p>	<p>Reject the equipment if the required test results are not obtained.</p>

Step	Setting and Instructions	Normal Indication
<b>9</b>	<b>Squelch Tests</b>	
(a)	Main receiver tests. With the equipment connected as shown in figure B-20, adjust the signal generator for minimum output. Check that the squelch opens and closes with operation of the SQ DISABLE switch on the control box. With the SQ DISABLE switch in the OFF position, increase the output of the signal generator to the point which just opens the squelch. If these results cannot be obtained, adjust the signal generator output to the level which produces a 6 db signal-plus-noise to noise ratio and adjust the receiver squelch resistor A3R50 for squelch threshold.	The signal level shall be between 1 and 3 microvolts.  Reject the equipment if this adjustment cannot be made.
(b)	Guard receiver tests. With the equipment connected as shown in figure B-20, adjust the signal generator frequency to the receiver guard channel frequency (243.00 MHz). With the main receiver squelch operative and the signal generator adjusted for minimum output, the receiver audio output shall be squelched. Increase the signal generator output to a point which just opens the squelch. If these results are not obtained, adjust the signal generator output to the level which produces a 6 db signal-plus-noise to noise ratio and adjust the receiver squelch resistor A7R51 for squelch threshold.	The signal level shall be between 1 and 4 microvolts.  Reject the equipment if this adjustment cannot be made.
(c)	AVC characteristic check. With the equipment connected as shown in figure B-20, vary the signal generator input level from 10 to 100,000 microvolts. The same check shall be made for the guard receiver and the same values shall apply.	The audio output shall not vary more than $\pm 3$ db from the 1,000 microvolt reference value.

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5825**  
**(Ref. Appendix A-29)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5825-00</u>	
039	TM11-5825-203-10,-20,-35	014-0184	OA/1451A/PRR
039	TM11-5825-203-20,-35	543-1513	OA/1451(XE3)/PRR
004*	SI-Circuit Card Assm.	060-2635	N/A
004*	SI-Circuit Card Assm.	060-2636	N/A
004*	SI-Circuit Card Assm.	060-6495	N/A
004*	SI-Circuit Card Assm.	060-6564	N/A
004*	SI-Circuit Card Assm.	060-6565	N/A
004*	SI-Circuit Card Assm.	060-0566	N/A
004*	SI-Circuit Card Assm.	060-6569	N/A
004*	SI-Circuit Card Assm.	060-6570	N/A
004*	SI-Circuit Card Assm.	060-6561	N/A
004*	SI-Circuit Card Assm.	060-6572	N/A
004*	SI-Circuit Card Assm.	060-6563	N/A
004*	SI-Circuit Card Assm.	060-6574	N/A
004*	SI-Circuit Card Assm.	060-6575	N/A
004*	SI-Circuit Card Assm.	060-6576	N/A
004*	SI-Circuit Card Assm.	060-6577	N/A
004*	SI-Circuit Card Assm.	060-6573	N/A
004*	SI-Circuit Card Assm.	060-6579	N/A
004*	SI-Circuit Card Assm.	060-6580	N/A
004*	SI-Circuit Card Assm.	060-6582	N/A
004*	SI-Circuit Card Assm.	060-6582	N/A
004*	SI-Circuit Card Assm.	060-6583	N/A
004*	SI-Circuit Card Assm.	060-6585	N/A
004*	SI-Circuit Card Assm.	060-6586	N/A
004*	SI-Circuit Card Assm.	060-6587	N/A
004*	SI-Circuit Card Assm.	060-6588	N/A
004*	SI-Circuit Card Assm.	060-6589	N/A
004*	SI-Circuit Card Assm.	060-6590	N/A
004*	SI-Circuit Card Assm.	060-6591	N/A
004*	SI-Circuit Card Assm.	060-6592	N/A
004*	SI-Circuit Card Assm.	060-6593	N/A

\*See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assm."

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5825--Continued**  
**(Ref. Appendix A-29)**

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5825-00</u>	
004*	SI-Circuit Card Assm.	060-6594	N/A
004*	SI-Circuit Card Assm.	060-6595	N/A
004*	SI-Circuit Card Assm.	060-6596	N/A
004*	SI-Circuit Card Assm.	060-6597	N/A
004*	SI-Circuit Card Assm.	060-6598	N/A
004*	SI-Circuit Card Assm.	060-6599	N/A
004*	SI-Circuit Card Assm.	060-6600	N/A
004*	SI-Circuit Card Assm.	060-6601	N/A
004*	SI-Circuit Card Assm.	060-6602	N/A
004*	SI-Circuit Card Assm.	060-6604	N/A
004*	SI-Circuit Card Assm.	060-6605	N/A
004*	SI-Circuit Card Assm.	060-6606	N/A
004*	SI-Circuit Card Assm.	060-6607	N/A
004*	SI-Circuit Card Assm.	060-6608	N/A
004*	SI-Circuit Card Assm.	060-6609	N/A
004*	SI-Circuit Card Assm.	060-6610	N/A
004*	SI-Circuit Card Assm.	060-6611	N/A
004*	SI-Circuit Card Assm.	060-6612	N/A
004*	SI-Circuit Card Assm.	060-6613	N/A
004*	SI-Circuit Card Assm.	060-6614	N/A
004*	SI-Circuit Card Assm.	060-6615	N/A
004*	SI-Circuit Card Assm.	060-6616	N/A
004*	SI-Circuit Card Assm.	060-6617	N/A
004*	SI-Circuit Card Assm.	060-6618	N/A
004*	SI-Circuit Card Assm.	060-6619	N/A
004*	SI-Circuit Card Assm.	060-6620	N/A
004*	SI-Circuit Card Assm.	060-6621	N/A
004*	SI-Circuit Card Assm.	061-6907	N/A
004*	SI-Circuit Card Assm.	061-8931	N/A
004*	SI-Circuit Card Assm.	061-8932	N/A
004*	SI-Circuit Card Assm.	061-8933	N/A
004*	SI-Circuit Card Assm.	070-4078	N/A
		<u>5825-01</u>	
005		060-2570	
006		060-6495	
007		060-6517	
008		060-6549	
009		060-6550	

\*See Test Procedure 003, Class 4920, "SI-Circuit Card Assm."

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5826  
(Ref. Appendix A-30)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5826-00</u>	
002	TM11-5826-243-20,-34	160-6537	RT-1057/ARN-103
003	TM11-5826-227-34	790-6426	R-1496/ARN-89
004	TM11-5826-258-24	070-4065	R-2139/ARN-123(V)
		<u>5826-01</u>	
005		066-8600	



**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5830  
(Ref. Appendix A-31)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		5830-00	
002*	SI-Cable/Wiring Assm.	492-6089	N/A
002*	SI-Cable/Wiring Assm.	492-8249	N/A
002*	SI-Cable/Wiring Assm.	492-8250	N/A
002*	SI-Cable/Wiring Assm.	936-9133	N/A

\*See Test Procedure 033, Class 5815, "SI-Cable/Wiring Assm."

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5840  
(Ref. Appendix A-27)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		5840-00	
002	TM11-5840-217-10,-20	082-4128	AN/TPS-25
003	TM11-5840-211-ESC	168-1565	AN/PPS-4
004	TM11-5840-211-12-35	168-1566	AN/PPS-4A
005	TM11-5840-298-12,-35,ESC	168-1567	AN/PPS-5
006	TM11-5840-294-35-1	168-1568	AN/TKQ-Z
007	TM9-1425-588-20-1,-2,-34	543-0759	AN/MPQ-49
008	TM11-5840-12-35,-ESC	855-9279	AN/FPS-71
009	TB11-1162-1	943-6625	AN/GSS-2
010	TM11-5840-292-12	012-8623	AN/TKQ-214
011	TM11-5840-348-12	044-3935	AN/TRS-58B
012	TM11-5840-347-13	051-3067	AN/PPS-15AV1
013	TM11-5840-347-13	055-8967	AN/PPS-15AVZ
014	TM11-5840-355-20P,-34P	070-3848	N/A
015	TM11-5840-364-20P,-34P	070-3349	N/A
016	TM11-5840-281-12-1	070-9415	AN/TPN-18A
017	TM11-5840-354-10,-20,-30	084-2444	AN/TPQ-36V1
018	TM11-5840-354-30-1,-2	084-5293	OY-71(V)1/TPQ 36(V)
019	TM11-5840-354-30-1,-2	086-4728	OY-71(V)2/TPQ- 36(V)
020	TM11-5890-354-10,-20,-30	087-7300	AN/TPQ-36(V)Z
021		450-6778	
022		084-5373	
023		084-5374	
024*	SI-Circuit Card Assm.	090-5499	N/A
024*	SI-Circuit Card Assm.	104-4774	N/A
024*	SI-Circuit Card Assm.	104-4776	N/A
024*	SI-Circuit Card Assm.	104-4777	N/A
024*	SI-Circuit Card Assm.	104-4778	N/A
024*	SI-Circuit Card Assm.	104-4780	N/A
024*	SI-Circuit Card Assm.	104-4781	N/A
024*	SI-Circuit Card Assm.	104-4782	N/A
024*	SI-Circuit Card Assm.	104-4783	N/A
024*	SI-Circuit Card Assm.	105-6645	N/A

\*See Test Procedure 003, Class 4920, "SI-Circuit Card Assm."

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5841  
(Ref. Appendix A-34)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5841-00</u>	
002	TM11-5841-255-12,-35	015-7752	KY-565A/AKT-18
003	TM11-5895-967-12,-34	040-3873	AN/APS-94E
004	TM11-5841-284-23&P	098-4339	AN/APN-209A(V)1
005	TM11-5841-284-23&P	099-1796	AN/APN-209A(V)2
006		G01-4364	
007		015-7257	

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5845  
(Ref. Appendix A-35)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
002	TM11-5845-200-12&P,-34&P	<u>5845-00</u> 148-6131	AN/SQN-15

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5850  
(Ref. Appendix A-36)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
002		<u>5850-00</u> 669-8726	

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5855  
(Ref. Appendix A-37)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5855-00</u>	
002	TM11-5855-217-ESC,-12,-35	058-1293	AN/VSS-3
003	TM11-5855-250-12&P,-34&P	137-7696	AN/VSS-1(V)1
004	TM11-5855-217-12,-35-1	405-0404	AN/VSS-3A
005	TM11-5855-214-10-24&P	629-5327	AN/TVS-5
006	TM11-5855-213-10,-24&P	629-5334	AN/PVS-4
007	TM5-1090-200-15	901-8639	
008		138-2386	
009		221-9436	
010		401-3442	

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5860  
(Ref. Appendix A-38)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
002	TM11-6625-2684-12,-30	<u>5860-00</u> 052-9477	TS-3620/GYS-5
003	TM11-5860-201-10,-20,-30	062-3543	AN/GVS-5
004		070-3803	
005		070-3841	
006		070-3342	
007		070-3343	

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5865  
(Ref. Appendix A-39)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5865-00</u>	
002	TM11-5895-441-ESC,-10,-25	069-8847	AN/GLQ-3
003	TM11-5895-831-10,-24	134-2601	AN/ALQ-133
004	TM11-6625-2650-24P	023-6779	SM-700/AUM-153
005	TM11-5865-223-10,-24	030-2769	AN/GLQ-3A
006	TM11-5865-223-10,-24	073-4607	AN/GLQ-3B
007		360-5362	
008		619-1560	
009		037-9111	
010		042-0323	
011		056-1075	



**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5895**  
**(Ref. Appendix A-40)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5895-00</u>	
002	TM11-5895-474-12,-35	004-0973	AN/TSQ-71A
003	TM11-5895-227-15	021-2088	AN/MSC-25
004	TM11-5895-386-ESC	045-4498	AN/TAQ-IB
005	TM11-5895-687-35-3	130-5814	SN-421/TPX-50
006	TM11-5895-687-35-4	130-5815	RT-903/TPX-50
007	TM11-5895-532-12,-34	164-3718	C-7572/TPX-46(V)
008	TM11-5895-532-12,-34	165-1185	RT-1026/TPX-46(V)
009	TM11-5895-224-15	167-7932	AN/MSC-32
010	TM11-5895-532-34-3	167-7939	CP-925/TPX-46(V)
011	TM11-5895-482-12	168-1477	AN/TSC-26
012	TM11-5895-356-12,-34	168-1487	AN/TSC-38
013	TM11-5895-463-15	168-1569	AN/MSC-31A
014	TM11-5895-464-15	168-1571	AN/MSC-32A
015	TM11-5895-583-15	168-1574	AN/TSC-76
016	TM11-5895-43-ESC,-12,-35	168-1575	AN/TSQ-43
017*	SI-Circuit Card Assm.	193-1155	N/A
018	TM11-5895-43-ESC,-12,-35	253-1513	AN/TSQ-43A
019	TM11-5895-293-34	877-8766	AN/TSQ-38
020	TM11-5895-295-20	877-8766	AN/TSQ-38
021	TM11-5895-293-34,-291-ESC	877-8768	AN/TSQ-38A
022	TM11-5895-293-34	877-8769	AN/TSQ-38B
023	TM11-5895-518-14	930-4067	AN/MSQ-73
017*	SI-Circuit Card Assm.	007-9488	N/A
017*	SI-Circuit Card Assm.	010-6930	N/A
024	TM11-5865-203-13	024-7725	AN/TSC-87
025	TM11-5865-217-23	024-7727	AN/TSQ-105V-1
017*	SI-Circuit Card Assm.	029-5786	N/A
017*	SI-Circuit Card Assm.	029-5790	N/A
017*	SI-Circuit Card Assm.	030-4132	N/A
026	TM11-5821-285-12,-35	040-9660	AN/ASC-15A(V)1
027	TM11-5821-285-12,-35	040-9661	AN/ASC-15A(V)2
017*	SI-Circuit Card Assm.	057-0069	N/A

\*See Test Procedure 003, Class 4920, "SI-Circuit Card Assm."

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5895--Continued**  
**(Ref. Appendix A-40)**

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5985-00</u>	
017*	SI-Circuit Card Assm.	057-0070	N/A
028**	SI-Cable/Wiring Assm.	058-6311	N/A
017*	SI-Circuit Card Assm.	060-6622	N/A
017*	SI-Circuit Card Assm.	062-8163	N/A
		<u>5895-01</u>	
029	TM11-5865-217-10,-23	063-1916	AN/TSQ-105(V)3
030	TM11-5895-1047-10,-23	063-8103	AN/TRS-2(V)1
031	TM11-5895-1047-10,-23	063-8104	AN/TRS-2(V)3
017*	SI-Circuit Card Assm.	064-9820	N/A
017*	SI-Circuit Card Assm.	064-9821	N/A
032	TM11-5895-1047-10,-23	068-6747	AN/TRS-2(V)4
033	TM11-5895-1047-10,-23	068-6748	AN/TRS-2(V)5
034	TM11-5895-1047-10,-23	068-6749	AN/TRS-2(V)6
017*	SI-Circuit Card Assm.	069-1521	N/A
028**	SI-Cable/Wiring Assm.	069-4345	N/A
017*	SI-Circuit Card Assm.	070-3804	N/A
028**	SI-Cable/Wiring Assm.	072-1028	N/A
028**	SI-Cable/Wiring Assm.	073-5503	N/A
035	TM11-5895-1047-10,-23	073-9032	AN/TRS-2(V)2
017*	SI-Circuit Card Assm.	075-2163	AN/TSQ-71B
036		014-7811	
037		014-7819	
038		014-7845	
039		140-8601	
040		140-8635	
041		148-6913	
041		163-4980	
043		165-1185	
044		930-3742	
045		947-9762	
046		011-7317	
047		196-1896	
048		198-3553	

\*See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assm."

\*\*See Test Procedure Instructions 033, Class 5815, "SI-Cable/Wiring Assm."

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5895--Continued**  
**(Ref. Appendix A-40)**

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
049		247-3862	
050		256-5874	
051		299-0134	
052		471-3174	
053		030-5345	
054		035-9706	
055		040-4216	
056		042-9859	
057		042-9860	
058		043-4640	
059		054-3796	
060		057-6265	
061		064-2145	
062		069-1340	
063		069-1452	
064		092-8074	
065		093-6978	
066		098-7378	
017		109-7906	
017		109-8046	
017		109-8046	
017		109-8047	
017		109-8048	
017		109-8049	
017		109-8050	
017		109-8051	
017		109-8052	
017		109-8053	
017		109-8054	
017		109-8055	
017		109-8056	
017		109-8057	
017		109-8058	
017		109-8059	
017		109-8060	
017		109-8061	
017		109-8062	
017		109-8063	
017		110-2435	
017		111-3977	

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5905  
(Ref. Appendix A-41)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
002	SC-Standard Components	<u>5905-00</u> 283-9750	N/A

## TEST PROCEDURE 002 STANDARD COMPONENTS

### 1. General

This procedure provides guidelines for aiding the inspection team in quickly obtaining an overall assessment of the readiness of standard components following periods of depot storage. Standard components include:

- Microelectronics
- Discrete Semiconductors
- Resistors
- Capacitors
- Inductive Devices
- Relays and Solenoids
- Switches
- Connectors
- Cabinets, Chassis, Relay Racks, etc.

This procedure is intended to be used only as a guide in performing the component inspections; the inspections should incorporate other known defects from actual experience with components under storage conditions.

### 2. Visual Inspection

Visual inspections shall be performed to identify any evidence of damage, corrosion or contamination which will interfere with the normal application of the components. Included shall be checks for the following defects as they apply to the specific components under inspection:

- (1) Corrosive wear, moisture, or formation of contaminant films on contacts surfaces
- (2) Brittleness (or shrinking), swelling, or rupturing of plastic encapsulants (microelectronics, semiconductors) or of plastic parts, used in motors, relays, and solenoids
- (3) Evidence of seal leakage
- (4) Deterioration of lubricants used in relays and solenoids
- (5) Fungus growth, moisture, dust, and insects in cabinets, chassis, and relay racks
- (6) Evidence of component moisture permeation
- (7) Cumulative dust, dirt, and sand particulate damage
- (8) Components, damaged from depot handling.

Each defect found shall be considered as major.

### 3. Parametric Inspection

Microelectronic devices, discrete semiconductors, and other special components shall be functionally tested to assure operability using readily available test equipment. The inspections shall include the testing of only common parameters and, in the case of microelectronic devices, the exercising of key functions at practical operating speeds. These parameters and key functions shall be determined from a review of the component specifications and manufacturing ratings in view of the equipment and facilities that are available for in storage inspection.

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5915  
(Ref. Appendix A-42)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5915-00</u>	
002*	SC-Standard Components	G36-5781	N/A
002*	SC-Standard Components	425-6070	N/A
002*	SC-Standard Components	431-6718	N/A
		<u>5915-01</u>	
002*	SC-Standard Components	007-9408	N/A
002*	SC-Standard Components	007-9463	N/A
002*	SC-Standard Components	007-9464	N/A
002*	SC-Standard Components	058-7700	N/A
002*	SC-Standard Components	058-6284	N/A

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5930  
(Ref. Appendix A-43)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5930-00</u>	
002*	SC-Standard Components	168-9162	N/A
002*	SC-Standard Components	168-9163	N/A
002*	SC-Standard Components	168-9164	N/A
		<u>5930-01</u>	
002*	SC-Standard Components	007-9422	N/A
002*	SC-Standard Components	030-4118	N/A
002*	SC-Standard Components	070-4076	N/A
002*	SC-Standard Components	077-1532	N/A
002*	SC-Standard Components	082-1724	N/A

\*See Test Procedure Instructions 002 Class 5905 "SC-Standard Components."

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5935  
(Ref. Appendix A-44)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) crossreferenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5935-00</u>	
002*	SC-Standard Components	045-9830	N/A
002*	SC-Standard Components	064-5732	N/A
		<u>5935-01</u>	
002*	SC-Standard Components	046-4217	N/A
002*	SC-Standard Components	046-9218	N/A
002*	SC-Standard Components	046-9412	N/A
002*	SC-Standard Components	070-3852	N/A

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."



**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5945  
(Ref. Appendix A-45)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) crossreferenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
002*	SC-Standard Components	<u>5945-00</u> 797-9820	N/A
002*	SC-Standard Components	<u>5945-01</u> 009-8417	N/A
002*	SC-Standard Components	009-8418	N/A
002*	SC-Standard Components	057-0063	N/A
002*	SC-Standard Components	057-0064	N/A
002*	SC-Standard Components	057-0065	N/A
002*	SC-Standard Components	057-0066	N/A
002*	SC-Standard Components	057-0067	N/A
002*	SC-Standard Components	058-6291	N/A
002*	SC-Standard Components	065-6295	N/A

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5950  
(Ref. Appendix A-46)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) crossreferenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5950-00</u>	
002*	SC-Standard Components	294-3000	N/A
002*	SC-Standard Components	503-8658	N/A
		<u>5950-01</u>	
002*	SC-Standard Components	007-8556	N/A
002*	SC-Standard Components	007-9446	N/A
002*	SC-Standard Components	041-1578	N/A
002*	SC-Standard Components	041-6517	N/A

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5955  
(Ref. Appendix A-47)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) crossreferenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
002*	SC-Standard Components	<u>5955-00</u> 283-6643	N/A
002*	SC-Standard Components	302-7537	N/A

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."

**SUPPLEMENTARY INSPECTION PROCEDURE**  
**CLASS 5960**  
**(Ref. Appendix A-48)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) crossreferenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>5960-00</u>	
002*	SC-Standard Components	124-9544	N/A
002*	SC-Standard Components	125-0026	N/A
002*	SC-Standard Components	405-4608	N/A
002*	SC-Standard Components	423-4534	N/A
002*	SC-Standard Components	291-5244	N/A
		<u>5960-01</u>	
002*	SC-Standard Components	007-9404	N/A
		<u>5960-00</u>	
002-1	Test Procedure	124-9544	N/A
		011-2698	

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."

**TEST PROCEDURE 002-1  
TRAVELING WAVE TUBES (TWT's)**

**1. General.**

This procedure provides a description of special test equipment, fixturing, cabling, instrumentation and instructions for performing the inspection and evaluation applicable to Traveling Wave Tubes (TWT's) HAC-767H and HAC-792H.

**2. Test Equipment/Test Setup.**

All tests are to be performed under the following environmental conditions, unless otherwise stated.

Temperature:	230 + 10C (730 + 180F).
Relative Humidity:	80 percent maximum.

All test equipment is to be energized for at least 30 minutes prior to utilization, unless otherwise specified in operation manual for the test equipment.

All tests are to be performed in an electromagnetic shielded enclosure, if in a high RF field of interference.

Table B-1 lists the test equipment. Figure B-1 illustrates the test setup.

*Table B-1. Test Equipment for Procedure 002-1(TWT)*

Item	NSN
Vacion control unit	6625-01-011-8062
Cable	5995-01-050-4871

**B.104.1 Change 1**

### 3. Inspection Requirements.

The mechanical-visual inspection defined in coded format in Appendix A-48 for NSN 5960-00-124-9544 (HAC 767H) and 5960-01-011-2698 (HAC 792H) are to be performed in addition to the Electrical Test of paragraph 4.

### 4. Electrical Tests.

The following tests are to be performed, using the applicable data sheet (figure 3-3) for these TWT's.

#### Caution

The voltages developed in this control unit are extremely dangerous.

During installation, operation and maintenance, follow the grounding procedure given in these instructions carefully. It is absolutely necessary that the ground pin of the input plug be connected to earth ground through the mating female power-line receptacle.

Step	Setting and Instructions
1	Carefully place the TWT so that the ion pump is easily accessible. Keep the Vac Ion Pump control unit away from ventilation outlets that might introduce contamination such as dust or corrosive material. Avoid excessively humid locations.
2	Attach the shield leads (one from the cable assembly and one from the control unit) to the pump body under the head of a magnet mounting bolt, see Figure B-1. Be sure to make good mechanical and electrical contact.
3	Attach the high voltage cable connector to the ion pump, see Figure B-1.
4	Connect the power cord to the power source receptacle.
5	Place the main power toggle switch in the ON position.
6	To monitor the control unit output voltage, place the Meter Range switch in the 5KV position. The output voltage will depend on the amount of ion current being drawn; this is shown in Figure B-2.

#### B-104.2 Change 1

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Step	Setting and Instructions
7	To monitor the Vac ion pump current, place the METER RANGE switch in an appropriate current range so that the meter indication can be read.
8	If a TWT cannot be pumped down in a period of two hours to draw less than one micro amp, the TWT should be returned to IRAN.

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**B-104.3 Change 1**

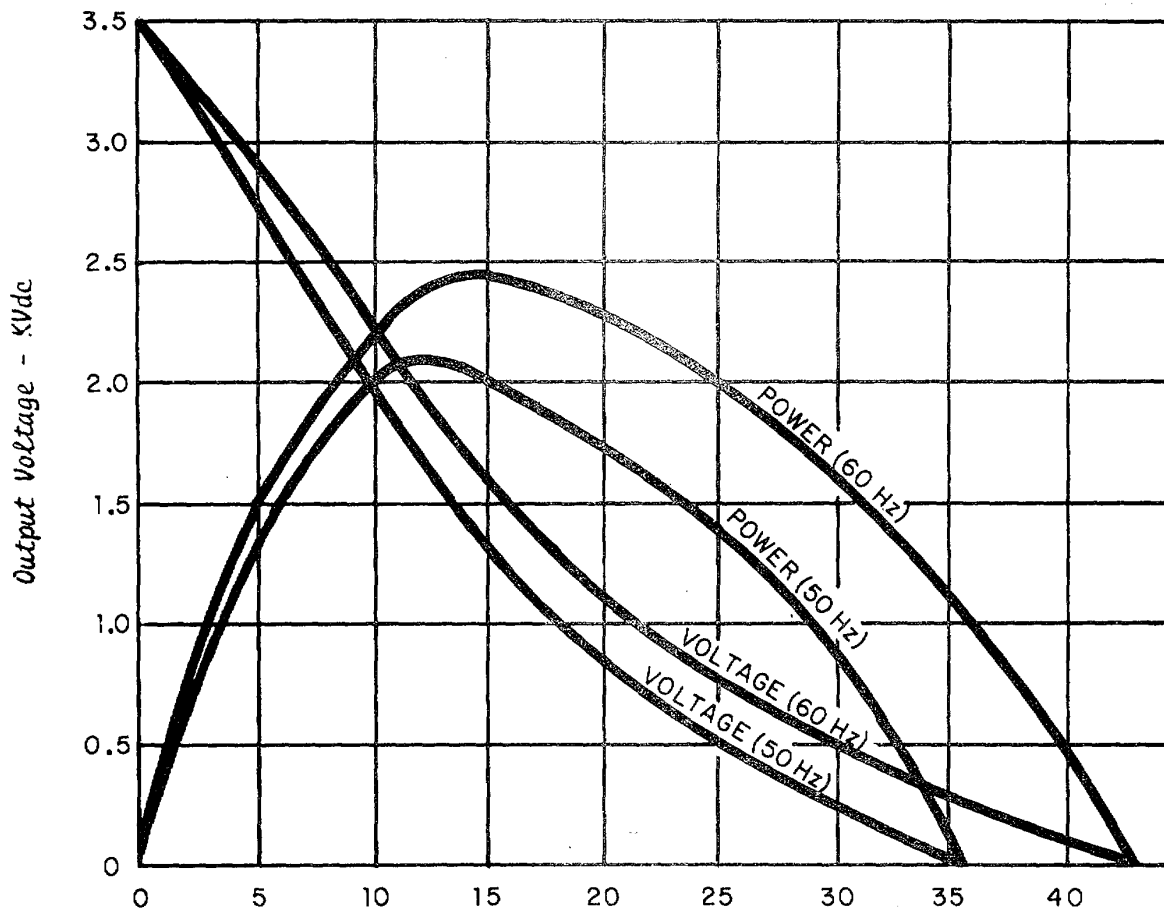
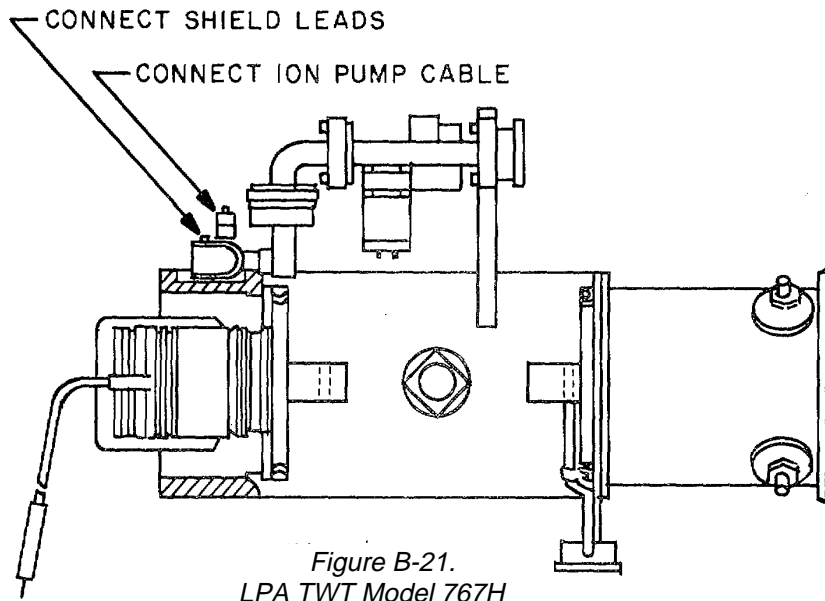


Figure B-22. Output Current-Milliammps  
Electrical Characteristics of Vacion Pump Control Unit Model 921-0015



SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 5962  
 (Ref. Appendix A-49)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>5962-00</u>	
002*	SC-Standard Components	041-3494	N/A
002*	SC-Standard Components	041-3496	N/A
002*	SC-Standard Components	041-3498	N/A
002*	SC-Standard Components	041-3499	N/A
002*	SC-Standard Components	041-0745	N/A
002*	SC-Standard Components	042-9794	N/A
002*	SC-Standard Components	047-2094	N/A
002*	SC-Standard Components	056-1048	N/A
002*	SC-Standard Components	060-6562	N/A

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 5965  
 (Ref. Appendix A-50)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
002*	SC-Standard Components	<del>5965-00</del> 134-5392	N/A

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 5985  
 (Ref. Appendix A-52)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
002	TM11-5895-902-34	5985-00	D-1104/GSC
003*	SI-Circuit Card Assm.	256-6317 072-8184	N/A

\*See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assm."

SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 5995  
(Ref. Appendix A-54)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>5995-00</u>	
002*	SI-Cable/Wiring Assm.	753-2021	N/A
002*	SI-Cable/Wiring Assm.	052-5402	N/A
002*	SI-Cable/Wiring Assm.	068-0562	N/A
002*	SI-Cable/Wiring Assm.	068-0563	N/A
002*	SI-Cable/Wiring Assm.	068-0564	N/A
002*	SI-Cable/Wiring Assm.	069-4952	N/A
002*	SI-Cable/Wiring Assm.	070-3935	N/A
002*	SI-Cable/Wiring Assm.	070-3937	N/A
002*	SI-Cable/Wiring Assm.	070-3938	N/A
002*	SI-Cable/Wiring Assm.	070-3939	N/A
002*	SI-Cable/Wiring Assm.	070-4285	N/A
002*	SI-Cable/Wiring Assm.	006-9711	N/A
002*	SI-Cable/Wiring Assm.	930-9511	N/A
002*	SI-Cable/Wiring Assm.	098-5923	N/A
002*	SI-Cable/Wiring Assm.	072-4316	N/A
002*	SI-Cable/Wiring Assm.	072-8001	N/A
002*	SI-Cable/Wiring Assm.	108-5170	N/A

\*See Test Procedure Instructions 033, Class 5815, "SI-Cable/Wiring Assm."

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 5999  
 (Ref. Appendix A-55)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
002*	SI-Circuit Card Assm	<u>5999-01</u> 023-7387	N/A

\*See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assm."

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 6105  
 (Ref. Appendix A-58)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>6105-00</u>	
002*	SC-Standard Component	314-7767	N/A
003	TM11-6105-200-05	351-7961	N/A
		<u>6105-01</u>	
002*	SC-Standard Component	072-7999	N/A

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 6110  
 (Ref. Appendix A-59)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
002*	SC-Standard Component	<del>6110-00</del> 216-5884	N/A

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 6125  
 (Ref. Appendix A-60)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>6125-00</u>	
002	TM11-6125-256-20,-34	101-9720	PU-750/A
003	TM11-6125-200-10,-20,-35	556-8623	PU-33/C
004	TM11-6125-207-35	568-5821	DY-107/AR
005		159-8375	



SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 6130  
(Ref. Appendix A-61)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
002*	SI-Circuit Card Assm	<u>6130-00</u> 056-7433	N/A

\*See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assm."

SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 6135  
(Ref. Appendix A-62)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		6135-00	
002	SI-Battery	237-1703	BA-630/u
002	SI-Battery	255-1340	BA-629/u
002	SI-Battery	546-6273	BA-605/u
002	SI-Battery	603-4859	BA-618/u
002	SI-Battery	655-2279	EAT6227 Eagle Picher
002	SI-Battery	735-6341	BA-480/u
002	SI-Battery	767-0331	BA-617/u
002	SI-Battery*	823-3034	*BA-472C/u
002	SI-Battery*	837-5331	*BA-485A/u
002	SI-Battery*	889-1502	*BA-486A/u
002	SI-Battery	930-1570	BA-628/u
002	SI-Battery	999-9141	BA-627/u

\*TM11-6135-200-25/1

TEST PROCEDURE 002  
BATTERIES PRIMARY/SECONDARY**General**

This procedure provides special instructions for handling of batteries during periods of depot storage. All activities engaged in the receipt, storage, and issue of the batteries listed in appendix B are not to issue a battery having less than 2 years shelf-life remaining. These batteries are overage. For each overage battery, fill out and forward Standard Form 120 (Report of Excess Personal Property) to Commander, U.S. Army Electronics Command, ATTN: DRSEL-MA-D, Fort Monmouth, NJ 07703. After receipt of the Standard Form 120, disposition instruction will be forwarded to the originator of the form within 30 calendar days. Inspections for batteries are to be performed in accordance with the coded requirements of appendix A. For purposes of convenience the quantities (per pack) for batteries are given (in brackets) following each description. Selection of sample quantities for inspection (see tables 2-3 and 2-4) shall be adjusted such that no quantities less than specified (per pack) are returned to storage.

Supplementary inspections specified in appendix B shall be performed as follows:

- a. These tests will not be performed on new batteries received from a contractor for storage.
- b. These tests are not required to be performed by depots prior to issue of new batteries under the following storage conditions:
  - (1) Less than 18 months in an unheated warehouse.
  - (2) Less than 36 months in a heated warehouse.
  - (3) Less than 60 months in a controlled humidity warehouse.
- c. These tests will be performed by depots on receipt of batteries returned from using organizations for storage.
- d. These tests are required to be performed by the depot prior to issue of new or returned batteries under the following storage conditions:
  - (1) More than 18 months in an unheated warehouse.
  - (2) More than 36 months in a heated warehouse.
  - (3) More than 60 months in a controlled humidity warehouse.

**Change 1 B-115**

 TEST PROCEDURE 003  
BATTERIES PRIMARY**1. General.**

This procedure provides special instructions necessary for the extension of shelf life on Dry Batteries. For any other type of inspection on Dry Batteries, TRC 91V applies.

**2. Procedures.**

Each depot that stores FSC 6135 Dry Batteries in 35 degree storage will alert USACECOM when each lot of batteries in storage is within 9 months of its expiration date. Such notices should be addressed to: USACECOM, ATTN: AMSEL-PA-ET-T, Ft. Monmouth, NJ 07703. CECOM will then evaluate the need for testing. If testing is required, the Item Manager will issue a Materiel Release Order for the appropriate sample amount to be shipped to: USACECOM, ATTN: AMSEL-PA-EQ-B, BLDG 292, Ft. Monmouth, NJ 07703. Disposition will be issued by CECOM based on the results of testing to either extend or issue until expiration.

**B-116 Change 1**

SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 6145  
(Ref. Appendix A-64)

The following table identifies required supplementary tests by IRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>6145-01</u>	
002*	SI-Cable/Wiring Assm.	067-7774	N/A
002*	SI-Cable/Wiring Assm.	067-7775	N/A
002*	SI-Cable/Wiring Assm.	067-7776	N/A
002*	SI-Cable/Wiring Assm.	067-7777	N/A
002*	SI-Cable/Wiring Assm.	067-7778	N/A
002*	SI-Cable/Wiring Assm.	067-7779	N/A
002*	SI-Cable/Wiring Assm.	067-7780	N/A
002*	SI-Cable/Wiring Assm.	067-7781	N/A
002*	SI-Cable/Wiring Assm.	067-7782	N/A
002*	SI-Cable/Wiring Assm.	067-7783	N/A
002*	SI-Cable/Wiring Assm.	067-7784	N/A
002*	SI-Cable/Wiring Assm.	067-7785	N/A
002*	SI-Cable/Wiring Assm.	067-7786	N/A
002*	SI-Cable/Wiring Assm.	067-7787	N/A
002*	SI-Cable/Wiring Assm.	067-7788	N/A
002*	SI-Cable/Wiring Assm.	067-7789	N/A
002*	SI-Cable/Wiring Assm.	067-7790	N/A
002*	SI-Cable/Wiring Assm.	067-7791	N/A
002*	SI-Cable/Wiring Assm.	067-7792	N/A
002*	SI-Cable/Wiring Assm.	067-7793	N/A
002*	SI-Cable/Wiring Assm.	067-7794	N/A
002*	SI-Cable/Wiring Assm.	067-7795	N/A
002*	SI-Cable/Wiring Assm.	067-7796	N/A
002*	SI-Cable/Wiring Assm.	068-6852	N/A

\* See Test Procedure Instructions 033, Class 5815, "SI-Cable/Wiring Assm."

**Change 1 B-116.1/(B-116.2 blank)**

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 6350  
 (Ref. Appendix A-67)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item		
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.	
		<u>6350-00</u>		
002	TM11-6665-210-10,-12,-50	069-8790	AN/FJW-1	
003		169-1199		
004		169-1203		
005		169-1207		
006		169-1225		
007		169-1126		
008		179-1603		
009		179-1604		
010		179-1628		
011		182-7621		
012		401-0576		
			<u>6350-01</u>	
013			017-5745	

SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 6615  
(Ref. Appendix A-69)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
002		<u>6615-00</u>	
003		167-9757	
004		453-5670	
		<u>6615-01</u>	
		031-7270	

SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 6625  
(Ref. Appendix A-70)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>6625-00</u>	
002	TM11-6625-700-14-1	044-3228	ANVSM-207H
003	TM11-6625-499-12	064-5165	AN/GSM-72
004	TM11-6625-502-10	073-8473	AN/GSM-51A
005	TM11-6625-564-12	086-4057	MK-731/ARC-51X
006	TM11-6625-2606-14	086-6304	AN/ARM-156
007	TM11-6625-2658-14	106-9622	AN/VSM-281C
008	TM11-6625-1703-15	228-2201	AN/VSM-281A
009	TM11-6625-2507-14	230-3835	AN/VSM-365V1
010	TM11-6625-403-15-1	403-7990	AN/VPM-98B
Oil	TM11-6625-2440-45	476-5554	TS-3134/ARN-103
012	TM11-6625-2503-14	491-3491	AN/VSA-34
013	TM11-6625-228-12	569-0266	AN/VPM-60
014	TM11-6625-300-35	668-9749	AN/VRM-79
015	TM11-6625-495-15	679-6510	AN/1842-VSM
016	TM11-6625-602-35	740-0344	AN/VSM-181A
017	TM11-6625-438-15	753-2115	AN/VSM-98
018	TM11-6625-518-20-35	803-1300	MK-731H/ARC-51X
019	TM11-6625-556-12	832-5784	AN/UPM-29C
020	TM11-6625-458-12	855-8938	AN/GPM-46
021	TM11-6625-502-10,-24	856-8643	AN/GSM-51
022	TM11-6625-556-45	868-8323	AN/ARM-63
023	TM11-6625-503-12	886-5915	AN/ASM-63
024	TM11-6625-486-14&P	892-5360	AN/USM-159
025	TM11-6625-498-12	892-5531	AN/USM-161
026	TM11-6625-827-12	906-3325	AN/GRM-2A
027	TM11-6625-403-15-1	912-0429	AN/UPM-986
028	TM11-6625-518-12	939-5894	AN/ASM-80A
029	M11-6625-664-12	943-2059	AN/APM-246
030	TM11-6625-620-12	965-0195	AN/VGM-1
031	TM11-6625-620-35-1	965-0196	TS-799A/UGM-1
032	TM11-6625-620-35	965-0197	TS-800H/UGM-1
033	TM11-6625-517-12	987-9381	AN/ASM-125
034	TM11-6625-518-12	987-9382	AN/ASM-80
035	TM11-6625-542-12	987-9455	SG-352/VSM-108
036	TM11-6625-1817-12	008-8738	AN/ASM-365
037	TM11-6625-2646-14	026-9914	TS-3447/ALM-153
038	TM11-6625-2838-35	047-3114	TS-3641/G
039	TM11-6625-2611-12	052-3881	AN/APM-305A
040	TM11-6625-2941-14&P	061-8928	AN/VSM-459



SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 6625--Continued  
(Ref. Appendix A-27)

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>6625-00</u>	
041*	SI-Circuit Card Assm.	068-6924	N/A
041*	SI-Circuit Card Assm.	068-6925	N/A
041*	SI-Circuit Card Assm.	068-6946	N/A
041*	SI-Circuit Card Assm.	068-6947	N/A
041*	SI-Circuit Card Assm.	069-4967	N/A
041*	SI-Circuit Card Assm.	069-6658	N/A
041*	SI-Circuit Card Assm.	070-4109	N/A
041*	SI-Circuit Card Assm.	070-4110	N/A
041*	SI-Circuit Card Assm.	070-4135	N/A
041*	SI-Circuit Card Assm.	070-4165	N/A
042	TM11-6625-2954-14&P	075-8478	SG-1144/V
043	TM11-6625-2952-14	075-8479	SG-1174/U
044	TM11-6625-2972-14	078-2490	AN/ALM-166A
045		G02-0423	
046		G02-0611	
047		087-1739	
048		107-2098	
049		141-3558	
050		145-2669	
051		148-8222	
052		243-0562	
053		251-5212	
054		420-2386	
055		432-7312	
056		480-8706	
057		532-4288	
058		540-9051	
059		542-6106	
060		542-6111	
061		631-5501	
062		647-3737	
063		649-5194	
064		753-2294	
065		759-2882	
066		810-3917	
067		823-4575	
068		827-2545	
069		872-3215	
070		908-7381	
071		999-6081	

\* See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assm."

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 6625--Continued  
 (Ref. Appendix A-70)

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>6625-01</u>	
072		010-6906	
073		012-2024	
074		017-7046	
075		021-3641	
076		024-7728	
077		030-5343	
078		033-3650	
079		034-1066	
080		038-6003	
081		039-4866	
082		039-4867	
083		039-4873	
084		042-9704	
085		043-7589	
086		051-9451	
087		052-3781	
088		055-0015	
089		057-6259	
090		060-6690	
091		061-8929	
092		062-3600	
093		063-1460	
094		063-1940	
095		063-6597	
096		066-4493	
097		068-1564	
098		069-4134	
099		069-7058	
100		070-4403	
101		085-4343	
102		093-2261	
103		098-1289	
104		098-1290	
105		098-6956	
106		101-1318	
107		104-0847	

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 6660  
 (Ref. Appendix A-73)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>6660-00</u>	
002	TM11-6660-206-12,-35	224-6137	AN/GMD-1
003	TM11-6660-204-10,-25	324-9426	AN/TMQ-5
004	TM11-6660-204-10,-25	393-2234	AN/TMQ-5A
005	TM11-666U-218-12	537-9195	AN/TMQ-4
006	TM11-6660-206-12,-35	599-8252	AN/GMD-1B
007	TM11-6660-204-10,-25	682-4500	AN/TMQ-5C
008		663-8075	

SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 6665  
(Ref. Appendix A-74)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		6665-00	
002	TM11-5514	136-5401	AN/PDR-71
003	TM11-6665-227-12	179-9037	AN/UDM-2
004	TM11-5543	526-5334	AN/PDR-27A
005	TM11-5514A	526-8648	AN/PDR-39A
006	TM11-6665-214-10	542-0729	B632-328
007	TM11-6665-215-12-1	542-1177	PP-1578/PD
008	TM11-6665-209-10,-15,-20	542-1587	AN/PDR-54
009	TM11-6665-228-15	542-1443	AN/PDR-276
010	TM11-6665-204-50	692-6601	
011	TM11-6665-214-10	752-7759	IM93UD
012	TM11-6665-204-12	752-7790	TS-784A/PD
013	TM3 -6665-264-10	832-6159	MX-7338/PDR-27R
014	TM11-6665-209-10,-15,-10	856-3456	AN/PDR-27L
015	TM11-6665-213-40	856-8037	IM174PD
016	TM11-6665-213-15	961-0846	AN/PDR-27R
017	TM11-6665-221-15	965-1516	AN/PDR-60
018	TM11-6665-224-15	975-7222	AN/PDR-27P
019	TM11-6665-232-12,-40	999-5145	IM174-APD
020		017-8903	
021		081-2219	
022		100-4284	
023		100-4285	
024		243-8199	
025		543-1435	
026		044-3836	

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 6680  
 (Ref. Appendix A-75)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
002*	SC-Standard Component	<u>6680-00</u> 007-9470	N/A

\*See Test Procedure Instructions 002, Class 5905, "SC-Standard Components."

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 6685  
 (Ref. Appendix A-76)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
002		6685-01 018-0079	

SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 6695  
(Ref. Appendix A-77)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
002	TM11-6695-210-12,-45	6695-00	AN/USS-2F
003		060-5375	
		060-5874	

SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 6930  
(Ref. Appendix A-84)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		6930-00	
002		075-8369	
003		075-8370	
004		075-8371	
005		075-8372	
006		075-8374	
007		075-8375	
008		075-8376	
009		075-8377	
010		075-8378	
011		032-4286	



SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 6940  
 (Ref. Appendix A-36)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		6940-00	
002		058-1066	
003		061-8907	
004		075-8367	
005		075-8368	
006		075-8373	
007		075-8380	
008		099-1590	

SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 7010  
 (Ref. Appendix A-86)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		7010-00	
002		017-6967	
003		085-4310	

Change 1 B-129



SUPPLEMENTARY INSPECTION PROCEDURE  
 CLASS 7021  
 (Ref. Appendix A-87)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>7021-00</u>	
.010		135-0026	CP 1317/GYK-29

Change 1 B-130

TEST PROCEDURE .010  
Battery Computer Unit

### 1. General

This procedure provides a description of special test equipment, fixturing, cabling, instrumentation, and instructions for performing the inspection and evaluations applicable to Battery Computer Unit CP-1317/GYK-29.

### 2. Test Equipment/Test Setup

All tests are to be performed under the following environmental conditions, unless otherwise stated:

Temperature:	23°± 10°C (73°± 18°F)
Relative Humidity:	80 percent maximum

All test equipment is to be energized for at least 30 minutes prior to utilization, unless otherwise specified in operating manual for the test equipment.

All tests are to be performed in an electromagnetic shielded enclosure, if in a high RF field of interference.

Table B-1 lists the test equipment and Figures B-1 and B-2 illustrates the various test setups.

*Table B-1. Test Equipment for Procedure*

Item	Technical Manual (Ref.)
Power Supply, Hewlett-Packard, Model 6274B(2)	NA
Coax Cable (50 ), Commercial (2)	NA
Load, 47 20 watt, Commercial (2)	NA

### 3. Inspection Requirements

The following mechanical-visual inspections are applicable to all Battery Computer Units series systems, sets, units, and assemblies and further define the coded inspection criteria given in appendix A.

(a) Visual Inspection

- (1) All decals are in place and all nomenclature is legible.
- (2) All external connectors are securely mounted, free from damage and missing pins, have protective covers installed.
- (3) All connectors and receptacles are identified.
- (4) Verify all covers are tight and no screws or bolts are stripped.
- (5) The MSG ALARM cover is tight and has a metal stranded wire securing the cover to the BCU housing.

**Change 1 B-130.1**

- (6) Open keyboard and verify keyboard cable is fastened to the BCU housing J10.
  - (7) Verify both handles are spring loaded to the down position and freely move to the horizontal position and stops.
  - (8) Verify that the ground strap is securely fastened to the BCU housing.
  - (9) Verify Pressure Relief Valve is spring loaded to the closed position and it does not appear damaged.
  - (10) Verify the paint finish is uniform over the entire housing.
- (b) Mechanical Inspection
- (1) Verify all screws and fasteners are tight.
  - (2) Verify pipe plug on left side of BCU is firmly in place.
  - (3) Verify CHAN 1, CHAN 2 and GDU binding posts on left side of BCU push in freely and will hold a #18 wire firmly.
  - (4) Loosen the captive screws holding the PLU cover and check the rubber "O" ring is firmly bonded to the cover.
  - (5) Observe that a PLU is not installed in the chamber. The PLU plug receptacle shall have no bent or missing pins. Close PLU cover and tighten captive screws.
  - (6) Verify the keyboard assembly latches are properly adjusted to close the door firmly against the BCU housing assembly.
  - (7) Lower the keyboard and check the lock assembly to hold the keyboard door in position.
  - (8) Check that the lock plunger is seated properly in the bar countersink of the PLU door handle.
  - (9) Verify all keys on the keyboard are firmly in place and the rubber boots are not damaged.
  - (10) Verify all knobs are secured on their control shafts and detent switches detent properly and the knob indicators line up with the proper nomenclature.
  - (11) Verify all potentiometer type controls rotate smoothly to their stops. There shall not be any 360 rotation of these controls.
  - (12) Close and lock the keyboard assembly.

**Change 1 B-130.2**

4. Electrical Tests

The following tests are to be performed, using the applicable data sheet (figure B-1 for

Step	Setting and Instructions	Normal Indication
------	--------------------------	-------------------

I. Preliminary Test Setup

- (a) Set switches and controls as follows:
  - POU
    - (1) Power On/OFF circuit breaker to OFF
  - BCU
    - (1) PWR circuit breaker to OFF
    - (2) PNL ILLUM switch to OFF
    - (3) ALM VOL control to midposition
    - (4) OSPL BRT control to midposition
    - (5) HDST VOL control to midposition
    - (6) Operator's CHAN switch to **GOU** position
    - (7) FDO's CHAN switch to GOU position

**NOTE**

Before connecting W1 and W2 to power supply, set power supply output to  $24 \pm 4V$ .

- (b) With prime power off, connect equipment as shown in Figure B-1.
- (c) Insert FCT PLU in to housing.
- (d) Set all power switches on.
- (e) Observe all power indicator lamps are on.
- (f) Allow equipment 20 minutes to warmup.

2. Front Panel Test

**NOTE**

Except as otherwise noted, controls used are on the BCU keyboard or control panel.

- (A) Depress "PLU LOADS

PLU LOAD indicator will extinguish; "LOADING' will be displayed on plasma panel; upon completion of loading process a test selection menu will be displayed.

Step	Setting and Instructions	Normal Indication
2 (con't) following indicator	(b) Push "B" key.	Alarm will sound for approximately 10 seconds. The lights will be illuminated.
		<ul style="list-style-type: none"> <li>• MSG RCVD</li> <li>• CHK FIRE</li> <li>• FIRE MSN</li> <li>• CH1 AND CH2 BUSY (BLINKING)</li> <li>• MEM CLR</li> <li>• IDC2</li> <li>• PLU-TU</li> <li>• PLU_EU</li> <li>• SYM GEN</li> <li>• MSG LAMP (On outside of from cover)</li> <li>• Plasma display fills with " " character.</li> </ul>
	alarm volume, with clock- wise rotation providing	Verify that the ALM VOL control allows adjustment of increased volume.
	(c) Press "PNL TEST".	Menu will be displayed.
3 Display Test	(a) Press "C" key.	On plasma panel the following format will be displayed.
		<u>Address Contents Test 2 Running</u>
		A test message shall be displayed; the SYM GEN BIT LED shall not illuminate. When test is over "running" should be replaced with "complete" or "repeat". Observe that next during the test the cursor will sweep

Step	Setting and Instructions	Normal Indication
3. (con't) (a)	<p style="text-align: center;"><b>NOTE</b></p> <p>If It is necessary to carefully examine pixels, press any key to stop the cursor. Press it a second time to restart.</p>	<p>through all character locations. The cursor consists of a rectangular array of dots, 7 wide by 9 high. Verify that no more than 2 cells in any one cursor fail to properly illuminate, erase or sustain. Also verify that no more than 13 cells will improperly operate at all cursor locations. Spacer-related cells are excluded from this criterion.</p>
(b)	Rotate DISPL BRT Control	<p>Verify that the display brightness can be adjusted in 6 steps, with increasing brightness as the control is turned clockwise.</p>
(c)	Press UPNL TEST" then "EXEC" key.	<p>Menu will be displayed.</p>
4 Memory Test		
(a)	Press "E" key	<p><u>Address</u> <u>Contents</u> <u>Test</u> <u>Number</u> <u>Running</u></p> <p>Will be displayed on plasma panel. Results of this test are evaluated automatically therefore Running will be replaced with Complete or Repeat. Observe MEM 1 or MEM 2 or 2 BIT indicators in the event an uncorrectable error occurs. These indicators shall not illuminate, and an indication of "Complete" shall be obtained.</p>
(b)	Press "PNL TEST"	<p>Menu is displayed.</p>
5. Processor Test		
(a)	Press "F" key.	<p><u>Address</u> <u>Contents</u> <u>Test</u> <u>Numbers</u> <u>Running</u></p> <p>Will be displayed on plasma panel. This test is automatically executed and evaluated to verify execution or each CPU instruction. When the test is completed Running will be replaced by Complete or Repeat. An indication of complete shall be obtained.</p>





Step	Setting and Instructions	Normal Indication
7	(con't)	
	(f) During "TEST NUMBER 712" observe an FSK Audio Tone on the oscilloscope.	Waveform amplitude = 600 mvp-p min.
	(g) Press "PNL TEST".	Menu displayed.
8. Communications Channel Test		
	(a) Connect one W7/W10 cable to J1 (CHI) and the second cable to J2 (CH2). (b) Set the following controls on the RT524/VRC radio sets to the indicated positions	
	BAND        53-75 MHZ TUNE        65.00 MHZ SQUELCH    NEW/OFF SPEAKER    ON	
	<b>CAUTION</b>	
	Be sure the dummy load is connected to the ANT connectors on both radios.	
	(c) Remove the wire loops from Chan 1 to Chan 2 on the BCU.	
	(d) Set the POWER switch on the VRC-46 to low.	
	<b>CAUTION</b>	
	Never set the POWER switch to high on the VRC-46 radios, damage may result to the antenna load box.	
	(e) On keyboard enter 'A781" allow these series of tests to run twice. Adjust radio volume controls as necessary.	A test message shall be displayed on the plasma panel. Each series of tests shall consist of 2 transmissions, one from Channel 1 to Channel 2, the second from Channel 2 to Channel 1, for a total of four transmissions for the two tests, at the end of which an indication of "COMPLETE" shall be obtained on the display.

Step	Setting and Instructions	Normal Indication
8. (con't)	(f) Depress "PNL TEST".	The CHAN 1 and 2 BUSY indicators shall illuminate during the message transmission portion of the test. Menu is displayed.
	(g) Set POWER switches on both radio sets to the off position.	N/A
9. GDU Channel Test Wire	(a) Select K on the keyboard.	At the end of test Running will be replaced with Complete or Repeat. An Indication of Complete shall be obtained. (This display will be followed by FCT up-time readout and a status display. The printer will respond by reproducing the contents of the display. Observe that CHEM-20 Max, COM 1-o, COM2=o. If the CHEM count exceeds 20, then perform test "A495". The CHEM count shall not have increased by more than 20.
		Increase 20=Pass Increase 20=Fail
		If the COM 1 or COM 2 error counts are greater than 0 then perform test "H" followed by "A95"1 the non-zero error count shall not have increased.
	(b) Press "PNL TEST".	Menu is displayed.
	(c) Connect Channel 1 of the Oscilloscope to the GDU wire line terminal 1 with the return to the GDU wire line terminal 2.	During the transmission of the test message, the data output at the GDU wire line terminals shall be observed. The waveform shall be 1.7 VP-P min.
	(d) Enter "A88".	If necessary for measurement purposes, this test may be repeated by selecting "88".
	(e) Press "PNL TEST".	Menu is displayed.

Step	Setting and Instructions	Normal Indication
10. GDU Radio Communications Test		
(a)	Disconnect both W7/W10 cables from Ji and J2 on the BCU.	
(b)	Connect one W7?W10 cable to J3 on the BCU. Be sure that the BCU operator's headset is connected to the J9 & J11 on the BCU.	
(c)	Connect AN H-189/GR FDO headset to a second RT524 radio at the "SPKR" jack.	
(d)	Set the power switches on both radios to low, OPERATORS HDSET and FDO's HDSET controls to GDU.	
(e)	The BCU operator with headset shall depress the push-to-talk switch to the "RAD" position and hold. He shall transmit a voice message. Adjust volume controls as necessary.	Operator with headset at the other radio shall verify that the voice signal can be heard in his ear-phones.
(f)	Repeat step e interchanging the role of speaker and listener.	Operator with headset at the other radio shall verify that the voice signal can be heard in his ear-phones.
(g)	Press "PNL TEST".	Menu is displayed.
11. Printer Interface Test		
(a)	Verify printer is connected to BCU as shown in Figure I and power is turned "ON" after BCU is powered "ON".	Verify that the printer power-on self test printed message agrees with A of Figure B-2.
(b)	Press "J" key.	A test message will be displayed on the plasma panel and printed by the printer.  Operator shall carefully verify that the printer message is identical with B or figure 2.
(c)	Press "PNL TEST", then "EXEC" key.	Menu is displayed.

Step	Setting and Instructions	Normal Indication
12. Keyboard Test	(a) Press "A" key to select manual.	Display will clear.
	(b) Press "3" key.	On plasma panel a display will appear with entries corresponding to each keyboard key.
	<b>CAUTION</b>	
	Do not press "EXEC" key.	
	(c) Manually press each key on the keyboard.	Observe that as each key is depressed the corresponding character on the display will be erased.
	(d) Press "A", "2", then "1, keys.	Wait for cursor to appear on left hand corner of screen.
	(e) Press any alphanumeric key.	Verify that holding the key down will result in continuous entries of the depressed key.
	(f) Press "EXEC" key and "PNL TEST"	Menu is displayed.
13. Panel illumination and Test Function Tests		
	(a) Rotate PNL ILLUM control through its positions.	Observe the panel illumination increases in brightness for each setting as the control is turned clockwise, with the illumination being extinguished in the OFF position.
	(b) Press and hold the "PNL TEST" switch.	Observe that the alarm will sound and all front panel indicators are illuminated, as well as the "MSG" lamp on the outside front cover of the keyboard.
	(c) Turn "DISPL BRT" control, while press "PNL TEST" switch.	Verify that the brightness of the following LEDs can be selected among 6 levels; the brightness should increase as the control is turned clockwise: PWR, MSG RCVD, Fire MSN, CHK FIRE, PLU LOAD, MEM CLR and the 3-chan busy indicators.

Step	Setting and Instructions	Normal Indication
13 (con't)	(d) Press and hold "PNL TEST" switch.	
	(e) Turn "ALM VOL" fully clockwise.	Verify the volume increases as control is turned.
	(f) Turn "ALM VOL" fully counter-clockwise.	Verify the volume decreases as the control is turned.
	(g) Press "PNL TEST".	Verify the alarm is off and all LED's except PWR are not lit.
14 Voile Communication Test		
	(a) The test shall require two operators.	
	(b) Connect headset (H-161 A/U or equivalent) to J9 and J11 on BCU. (Long cord with yellow band goes to J11).	
	(c) Connect handset (H-189/GR or equivalent to J4 on BCU.	
	(d) Both operators shall select channel 1.	
	(e) Operator with headset shall depress push to talk switch to "RAD" position and hold. He shall transmit a voice message.	Operator with handset shall verify that the voice signal can be heard in his own earphones. He shall also verify that the perceived volume may be adjusted with the volume control provided on the BCU.
	(f) Perform step e for CHAN 2 and GDU channels.	
	(g) Perform step e for GDU channel.	
	(h) Repeat steps d through f interchanging the role of speaker and listener between the two operators.	

Step	Setting and Instructions	Normal Indication
15 Power Fail R	(a) Ensure FCT program is loaded operating.  (b) Verify batteries are in PDU.  (c) Turn PDU "BCS POWE" switch on "OFF".  (d) After 5 second turn PDU "BCU POWER" switch on "ON".	BCU display goes blank and PS Bit lamp shall illuminate.  Menu returns with "POWER FAILED" indication.

Change 1 B-130.12

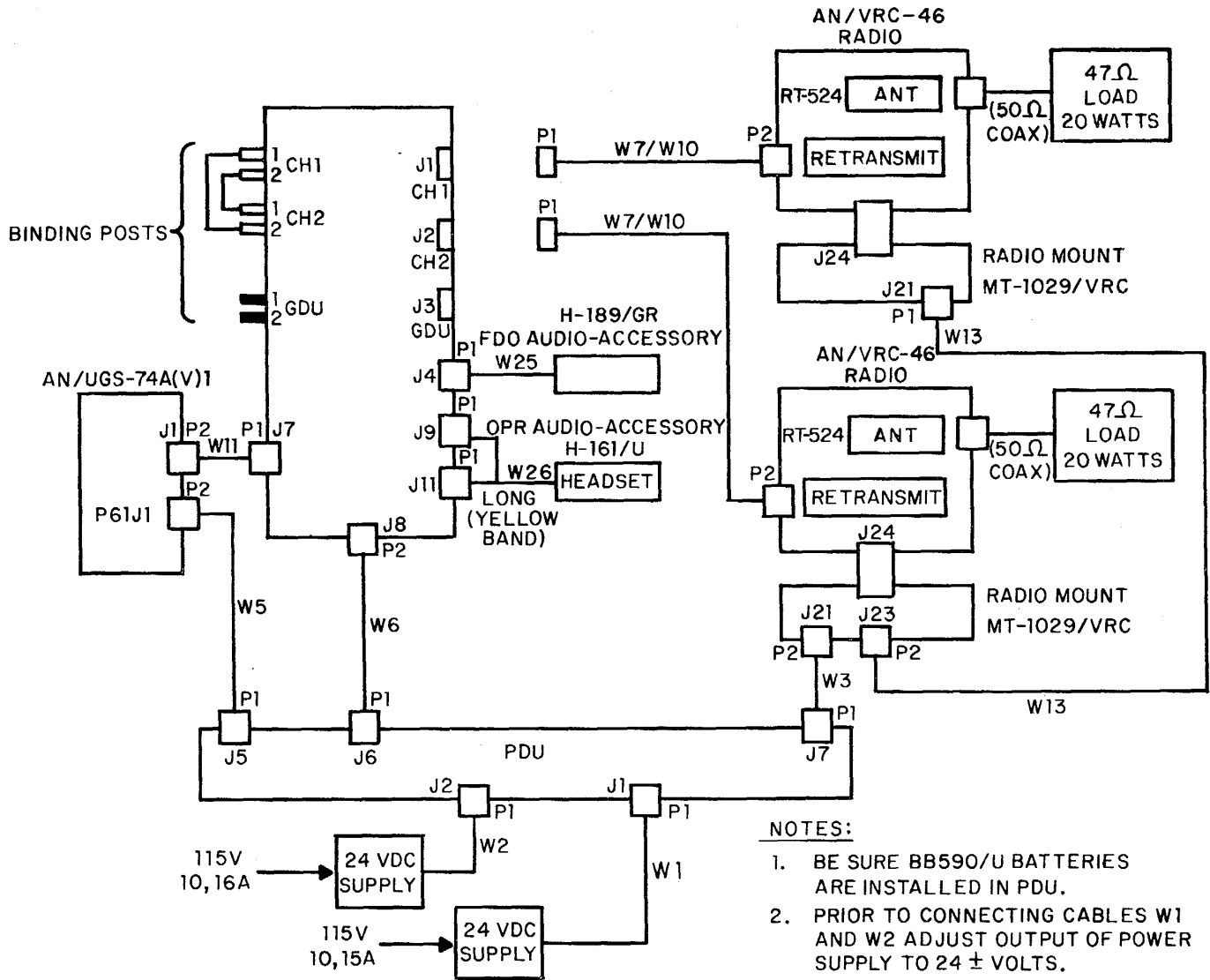


Figure 1. Test Setup BCU Functional Check Test.

Change 1 B-130.13



HTDS STATUS DISPLAY

ERROR COUNTS:

SCMD=000000 KOPY=000000 CUFM=000000 SYMB=000000 MEXC=000000 WCHD=000000  
MOVE=000000 PLU =000000 CPU =000000 PSEQ=000000 COM1=000000 COM2=000000  
PLTC=000000 GOU =000000 GDIO=000000 CEOT=000000 PRNT=000000 OPCU=000000

SYSTEM STATUS WORDS: INTSN=520000 KBCAR=520313 TST NO=000011

DEVICE #	PLU	COM1	COM2	GOU	OSP	PRT	FTPL	BIT
COMMANDS	000000	000000	000000	000000	270000	000000	000000	000000
STATUS :	520000	000000	000000	000000	520000	521777		

REGISTERS AT ERROR TIME

GDU STATUS WORDS

L	8	9	1	2	3	4	5	6
2	023271	761037	000000	000000	000000	000000	000000	000000
3	023501	003721	7	8	9	10	11	12
4	000224	723237	000000	000000	000000	000000	000000	000000

\*EXEC\* WILL EXIT

```

!*$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMN0PQRSTUVWXYZ[\]^_`a
HIJKLMN0PQRSTUVWXYZ[\]^_`a !*$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLM
N0PQRSTUVWXYZ[\]^_`a @ABCDEFGHIJKLMN0PQRSTUVWXYZ[\]^_`a !*$%&'()*+,-./0123
456789:;<=>?@ABCDEFGHIJKLMN0PQRSTUVWXYZ[\]^_`a @ABCDEFGHIJKLMN0PQRSTUVWXYZ
[\]^_`a

```

!\*\$%&'()\*+,-./0123456789:;<=>?@ABCDEFGHIJKLMN0PQRSTUVWXYZ[\]^\_`a

BCDEFGHIJKLMN0PQRSTUVWXYZ[\]^\_`a

```

!*$%&'()*+,-./0123456789:;<=>?@ABCDEFGHI
HIJKLMN0PQRSTUVWXYZ[\]^_`a @ABCDEFGHIJKLMN0PQRSTUVWXYZ[\]^_`a !*$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMN0PQRSTUVWXYZ[\]^_`a @ABCDEFGHIJKLMN0PQRSTU
VWXYZ[\]^_`a !*$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMN0PQRSTUVWXYZ
[\]^_`a @ABCDEFGHIJKLMN0PQRSTUVWXYZ[\]^_`a

```

**SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 7025  
(Ref. Appendix A-88)**

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) crossreferenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No.	Technical Manual/ Special Instructions	NSN No.	Type No.
		<u>7025-00</u>	
002	TM11-5895-425-15	020-8308	AN/FYA-10(V)10
003*	SI-Circuit Card Assm.	063-6375	N/A
003*	SI-Circuit Card Assm.	063-6376	N/A
004		621-1821	
005		008-8927	
006		008-3928	
007		047-2580	
008		069-8999	
009		075-0067	
		<u>7025-01</u>	
020		135-0026	ON-188/GYK-29
030		134-2329	OD-144/GYK-29
		134-3218(V2)	
		134-3219(V3)	

\* See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assm."

Change 1 B-130.15

**TEST PROCEDURE .020**  
**Gun Direction Unit**

1. General

This procedure provides a description of special test equipment, fixturing, cabling, instrumentation, and instructions for performing the inspection and evaluation applicable to Gun Direction Unit OD-144/GYK-29.

2. Test Equipment/Test Setup

All Tests are to be performed under the following environmental conditions, unless otherwise stated:

Temperature:             $20^{\circ} \pm 10^{\circ}\text{C}$  ( $73^{\circ} \pm 18^{\circ}\text{F}$ )  
 Relative Humidity:    80 percent maximum.

All test equipment is to be energized for at least 30 minutes prior to utilization, unless otherwise specified in operating manual for test equipment.

All tests are to be performed in an electromagnetic shielded enclosure, if in a high RF field of interference.

Table B-1 lists the test equipment and Figure B-1 illustrates the test setup.

*Table B-1. Test Equipment for Procedure*

Item	Technical Manual (Ref.)
Oscilloscope, Hewlett-Packard, Model 181A	NA
Digital Multimeter, Fluke, Model 8050A	NA
Signal Generator, Hewlett-Packard, Model 3310A	NA
Counter timer, Hewlett-Packard, Model 5315B	NA
Floodlamp, Commercial	NA
Power Supply One (PS1) Hewlett-Packard, Model 6269B	NA
Power Supply Two (PS2) Hewlett-Packard, Model 6269B	NA
Multimeter, AN/PSM-6	NA
Resistor, 6k ohm	NA
Resistor, 600 oh	NA

**Change 1 B-130.16**

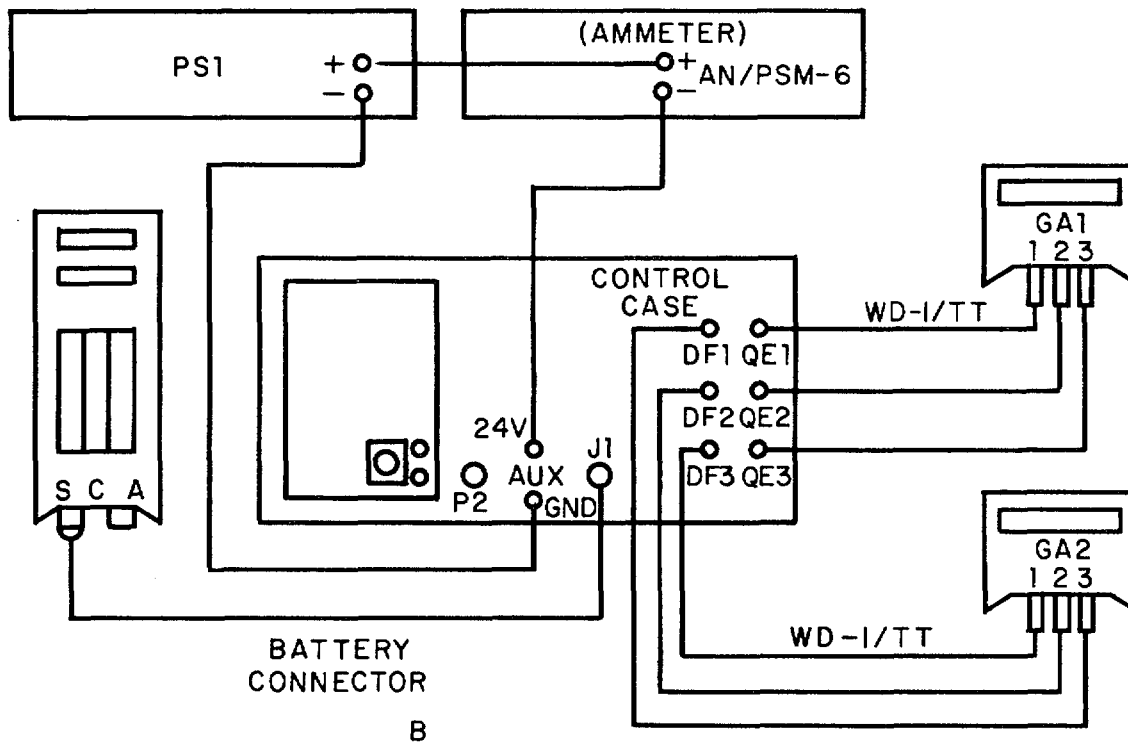


Figure 3-1. GDU Functional Test Setup

### 3. Inspection Requirements.

The following mechanical-visual inspections are applicable to all Gun Direction Unit series systems, sets, units, and assemblies and further define the coded inspection criteria given in appendix A.

(a) Visual Inspection

- (1) All decals are in place and all nomenclature is legible.
- (2) All external connectors are securely mounted, free from damage and missing pins, and have protective covers installed.
- (3) All connectors and receptacles are identified.
- (4) Verify all covers are tight and no screws or bolts are stripped.
- (5) Verify pressure relief valves are spring loaded to the closed position and do not appear damaged.

3.  
(con't)

**(b) Mechanical Inspection**

- (1) Verify all screws and fasteners are tight.
- (2) Verify QE and DEF binding posts on case and on gun assemblies push in freely and will hold a #18 wire firmly.
- (3) Loosen the fasteners holding the battery cover and the remove cover. There shall not be batteries installed.
- (4) Verify all rubber boots on Gun Assembly are not damaged.
- (5) Verify all knobs are secured on their control shafts and detent switches detent properly and the knob indicators line up with the proper nomenclature.
- (6) Verify all potentiometer type controls rotate smoothly to their stops. There shall not be any 360 rotation of these controls.

**4. Electrical Tests.**

The following tests are to be performed, using the applicable data sheet (figure B-1) for

Step	Setting and Instructions	Normal Indication
A Functional Test		
(1)	Set PS1 to on and set voltage to 35v + 1v D/C. Set POWER switch on.	
	Measure between DEFI and DEF2	<ol style="list-style-type: none"> <li>a) 5.25v + 0.5vD.C.</li> <li>b) GDU power lamp on</li> <li>c) SCA displays GUNOOEOM</li> <li>d) GA connected to DEF displays a horizontal arrow.</li> <li>e) GA connected to QE displays a vertical arrow and decimal point.</li> <li>f) Alarm will sound.</li> </ol>
(2)	Reduce PS1 voltage to 12v ± 0.5v and re-check measurement of step 1a and 1b.	<ol style="list-style-type: none"> <li>a) 5.35v ± 0.5vDC.</li> <li>b) GDU power lamp on.</li> </ol>

**Change 1 B-130.18**

Step	Setting and Instructions	Normal Indication
A (con't)	(3) Set POWER switch off.	
	(4) Reset PS1 voltage to $25v \pm 1v$ .	
	(5) Connect PS2, set to $30v \pm 0.5v$ to battery connector on UUT. Set POWER switch on. Measure battery supply current.	a) Less than 20mA.
	(6) While monitoring battery current, reduce PSI voltage. Current in Step 5 should not increase until PS1 voltage is less than 12.5 volts.	
	(7) Reduce PS1 voltage to zero. Recheck measurement step 1a and 1b.	A $5.25 \pm 0.5v$ b) GDU power lamp on.
	(8) Reduce battery PS2 voltage until current is less than 100mA. Supply voltage should be $20v \pm 0.5v$ .	a) Less 100mA. b) $20v \pm 0.5v$ .
	(9) Set POWER-switch off. Disconnect PS1 from battery connector.	
	(10) Connect GDU, SCA, and the GAs wires, as shown in figure 1, from Term 3 to each GA. But do not connect.	
	(11) Set PS1 voltage to $35v \pm 0.5v$ . Set GDU power switch on.	
	(12) On SCA. "press 2" key. Press READY key. Press and hold SELF TEST key until "PHASE B" is displayed; then release key.	a) SCA displays GUNO1EOM b) SCA displays "PHASE B" c) SCA sequentially displays the following: DF0000 - DF9999 then to DF 12345 (then thru QE sequence).
	(13) After SCA display reaches DF12345 it will cycle thru QE numbers. When OF 8888 is displayed, press and release SELF TEST key.	a) SCA display KEY NOW.

Step	Setting and Instructions	Normal Indication
A (con't)		
(14)	Set SCA display to maximum. Switch PANEL switch on.	
(15)	Press and release SCA DF/8 key. *Note: if GA displays have timed out, press recall button.	a) SCA display reads.
(16)	Vary PS1 voltage between 35v + 0.5v-12V + 0.5V. Check voltage to current relationship at 35v, 30v, 25v, 20v, 15v and 12v. All voltages + 0.5v.	VOLTAGE a) 351.09 Max b) 300.9 Max c) 250.78 Max d) 200.62 Max e) 150.46 Max f) 120.37 Max
(17)	Switch SCA PANEL switch off.	
(18)	Turn all supplies off Remove ammeters from test setup. Connect shorting links between terminals 1 and 2 for each GA on GDU case. Switch PS1 on and set for 35v + 2v. Switch POWER switch on. Leave for 1 minute. Switch POWER switch off. Remove shorting links. Switch POWER switch on and repeat step 1 Switch, -OWER switch off. Switch-PS1 off.	Same as in Step 1.
(19)	At each GA, reverse wires to terminals 1 and 2. Switch PS1 on and set for 35v + 1v. Switch POWER switch on, leave for 1 minute. Switch POWER switch off, reconnect wires to correct terminals on each GA. Switch POWER on and repeat step 1. Switch POWER off. Switch PS1 off.	Same as in Step 1.
(20)	Reverse PS1 connections to AUX-POWER terminals at GDU case. Switch PS1 on set for 35v + 1v. Switch POWER switch on, leave for 1 minute.	

Step	Setting and Instructions	Normal Indication
A (con't)	(20) Switch POWER switch off. Switch PSI to correct AUX POWER terminals. Switch PS1 on. Switch POWER switch on. Repeat step 1. Switch POWER switch off.	Same as in Step 1.
(21)	NOTE: When measuring minimum volume refer to meter manufacturer's correction procedure for ambient noise.  Set BITE switch to BITE. Set PWR switch on.	a) Alarm sounds. b) SCA displays GUNOOEOM.
(22)	Place decibel meter 24 inches from audible alarm on case. Set ALARM control to max, measure audible volume on meter.	a) Greater than 80 dB.
(23)	Reduce PS1 voltage to 30v + 1v. Set ALARM volume control to min.	a) Alarm inaudible.
(24)	Reduce PS1 voltage to 20v + 0.5v. Set ALARM volume control to min.	a) Greater than 40 dB.
(25)	Press and release "1" key. Press and release READY key.	a) SCA displays GUNO1EOM Alarm off.
(26)	Set SCA PANEL switch on. Keyboard shall light as follows:	a) <u>COLOR</u>
	<u>KEY</u>	
	MSN/MOF/1 DP INST/2 SH/3 LOT/4 CHG/5 FZ/6 FZ SET/7 DF/8 QE/9 FFEE SH FFE LOT/O FFE RDS FFE FZ READY	GREEN GREEN GREEN GREEN GREEN GREEN GREEN GREEN GREEN GREEN YELLOW YELLOW YELLOW YELLOW WHITE



Step	Setting and Instructions	Normal Indication
A (con't) (26)	<p><u>KEY</u></p> <p>SHOT/RC RING SELF TEST CYCLE PANEL DISPLAY DNL, AFC, FIRE, TEST</p>	<p>a) <u>COLOR</u></p> <p>WHITE WHITE WHITE WHITE WHITE WHITE WHITE</p>
	<p>Insure light spread is even over panel.</p>	
(27)	<p>Switch SCA PANEL switch off.</p>	
(28)	<p>Depress and hold SELF TEST key.</p>	<p>a) Audible alarm will sound.</p> <p>b) SCA displays "PHASE A"</p> <p>c) SCA displays "H" first position in turn, then display goes blank. then each of the 8 display indicator bars will be lit in turn. After which display reads in turn:            HHHHHHHH            11111111            XXXXXXXX            will then be automatically repeated until "PHASE B" tests.</p>
	<p>Release SELF TEST key</p>	
(29)	<p>Depress and hold SELF TEST key.</p>	<p>a) SCA displays "PHASE B". b) Alarm on.</p>
(30)	<p>Release SELF TEST key.</p>	<p>a) Alarm off. The displays will be as follows:</p> <p>b) SCA Sequentially displays DF0000-DF9999 then DF12345. GA1 Sequentially displays 0000-9999 then 12345, a horizontal arrow will appear in right hand character position of this GA for the duration of this test. GA2 a vertical upward arrow will appear in the left hand character position</p>
	<p><b>NOTE</b></p> <p>The indication will continue to cycle between DF and QE until step 31 is started.</p>	

Step	Setting and Instructions	Normal Indication
A (con't) (30)		b) and a decimal point will be displayed until timed out.
		The display will then be as follows:
		c) SCA Sequentially displays QE000-0 to QE9999-9 then QE12345. GA1 displays 12345 until timed out. GA2 Sequentially displays 0000-0 to 9999-9, then 12345. A vertical upward arrow will appear in left hand character position of this GA for the duration of this test.
(31)	Switch all power off. Interchange the two GA connections. Set all power on. Press and release "1" key. Press and release READY key. Press and release SELF TEST key.	a) Alarm sounds. b) Alarm off. c) SCA displays GUNO1EOM d) Alarm on. e) Alarm off. f) SCA displays "PHASE A" g) Alarm on. h) Alarm off. i) SCA displays "PHASE B"
	Press and release SELF TEST key. Check for step 30 indications.	
(32)	Press and hold SELF TEST key.  Release SELF TEST KEY.  Press and release each key in turn, (except SELF TEST). Display reads as shown.	a) Alarm on. SCA displays "PHASE C" Test indicator on. b) Alarm off. SCA displays "KEY NOW" c) KEY DISPLAY MSN/MOF/1 GUNO1EOM SP INST/2 SP NONE SH/3 SH LOT/4 LOT CHG/5 CHG FZ/6 FZ FZ/SET/7 TI DF/8 DF QE/9 QE FFE SH SH

Step	Setting and Instructions	Normal Indication						
A (con't) (32)		<table> <tr> <td>c)</td> <td>KEY FFE LOT/O FFE RDS FFE FZ READY SHOT/RD RING CYCLE</td> <td>DISPLAY LOT RDS FZ READY SHOT/RC RING CYCLE</td> </tr> </table>	c)	KEY FFE LOT/O FFE RDS FFE FZ READY SHOT/RD RING CYCLE	DISPLAY LOT RDS FZ READY SHOT/RC RING CYCLE			
c)	KEY FFE LOT/O FFE RDS FFE FZ READY SHOT/RD RING CYCLE	DISPLAY LOT RDS FZ READY SHOT/RC RING CYCLE						
	NOTE							
	The indication for step 33 will show "ERROR D" if the NORMAL/BITE switch is in NORMAL for this test.							
(33)	Press and hold SELF TEST key.	a) Alarm on. SCA displays "PHASE D" TEST indicator on.						
(34)	Release SELF TEST key.	a) Alarm off. SCA displays "TEST OK".						
(35)	Allow GA displays to extinguish Press and release GA1 RECALL button.	<table> <tr> <td>a)</td> <td colspan="2">GA1 Display will reappear. GA1 display will extinguish after 15 secs + 2 secs. (Time from release of recall button).</td> </tr> <tr> <td>b)</td> <td colspan="2">GA2 display will re-appear GA2 display will extinguish after 15 secs + 2 secs.</td> </tr> </table>	a)	GA1 Display will reappear. GA1 display will extinguish after 15 secs + 2 secs. (Time from release of recall button).		b)	GA2 display will re-appear GA2 display will extinguish after 15 secs + 2 secs.	
a)	GA1 Display will reappear. GA1 display will extinguish after 15 secs + 2 secs. (Time from release of recall button).							
b)	GA2 display will re-appear GA2 display will extinguish after 15 secs + 2 secs.							
	Repeat for GAs.	d) As is c above.						
	Press RECALL button on GA1. Vary Display control through range. Repeat for GA2.							
(36)	Press and hold SELF TEST key.  Release SELF TEST key.	<table> <tr> <td>a)</td> <td colspan="2">Alarm on. SCA displays "PHASE E" Test.</td> </tr> <tr> <td>b)</td> <td colspan="2">Alarm off. After several seconds SCA displays "TEST OK".</td> </tr> </table>	a)	Alarm on. SCA displays "PHASE E" Test.		b)	Alarm off. After several seconds SCA displays "TEST OK".	
a)	Alarm on. SCA displays "PHASE E" Test.							
b)	Alarm off. After several seconds SCA displays "TEST OK".							
(37)	Press and hold SELF TEST key.  Release SELF TEST key.	<table> <tr> <td>a)</td> <td colspan="2">Alarm on SCA displays "PHASE F"</td> </tr> <tr> <td>b)</td> <td colspan="2">Alarm off. SCA displays "TEST OK"</td> </tr> </table>	a)	Alarm on SCA displays "PHASE F"		b)	Alarm off. SCA displays "TEST OK"	
a)	Alarm on SCA displays "PHASE F"							
b)	Alarm off. SCA displays "TEST OK"							
(38)	Press and release SELF TEST key.  Press and release CYCLE key.	<table> <tr> <td>a)</td> <td colspan="2">SCA displays GUNO1EOM 15 secs + 2 secs before extinguishing.</td> </tr> <tr> <td>b)</td> <td colspan="2">SCA displays GUNO1EOM.</td> </tr> </table>	a)	SCA displays GUNO1EOM 15 secs + 2 secs before extinguishing.		b)	SCA displays GUNO1EOM.	
a)	SCA displays GUNO1EOM 15 secs + 2 secs before extinguishing.							
b)	SCA displays GUNO1EOM.							

Step	Setting and Instructions	Normal Indication
A (con't)	(39) Press and release SELF TEST key. Rotate SCA brightness through range.	a) SCA displays GUNO1EOM. b) Brightness varies.
	<b>NOTE</b>	
	During the following test do not: a) View directly into flood lamp. b) Leave floodlamp on for more than 3 minutes because thermal damage may occur to the lamp or unit.	
(40)	Set SCA in vertical position. Set floodlamp on the center line, of SCA, in a perpendicular plane.	
(41)	Remove SCA and replace with illuminometer. Switch floodlamp on and adjust floodlamp until illuminometer reads Switch floodlamp off.	a) 7500 + 250 ft candles.
(42)	Remove illuminometer and replace with SCA. Set SCA brightness to max. NOTE: If during these tests the SCA or GA's time out, press recall button as required.	
(43)	Switch floodlamp and check that SCA display can be read from a distance of $28 \pm 2$ inches. At an angle of $30 \pm 2$ degrees.	a) SCA display visible.
(44)	Switch off floodlamp.	
(45)	Repeat steps 41-45 for GA but increase viewing distance to $5\text{ft} \pm 3$ inches.	a) GA display visible.
(46)	Rotate display controls through range.	a) Brightness varies.
(47)	Connect DVM across BCU terminals. Measure resistance.	a) Greater than 100 K ohms.
(48)	Connect signal generator set to $1\text{v} \pm 0.1\text{v}$ peak-peak at 2.4 KHz - 100 Hz in series with a 6 K ohm resistor to BCU terminals. Set POWER switch on.	

Step	Setting and Instruction	Normal Indication
A (con't)		
(49)	Connect oscilloscope to BCU terminals. Measure and record voltage.	a) Not less than 0.5v peak-peak.
(50)	Disconnect all external loads and instruments for BCU terminals.	
(51)	Connect 600 ohm load across BCU terminals. Set POWER switch to on. Press SCA "1" key. Press SCA READY key.	a) SCA displays GUNOOEOM. b) Alarm is on.
(52)	Using A.C. voltmeter, check voltage terminals.	a) Less than 1Mv RMS.
(53)	Switch all units off. Switch all power supplies off. Disconnect unit from test equipment.	

#### B Continuity Tests

##### NOTE

The following procedure applies to both the 3 ft. and 15 ft. cable assembly. (W33 and 33A).

- (a) Using multimeter, check continuity of cable in accordance with the following:

<u>P1</u>	<u>P2</u>
A	A
B	B
C	C
D	D

##### NOTE

The following procedure applies to both the 3 ft. and 15ft. cable assembly, (W34 and 34A).

- (b) Using multimeter, check continuity of cable in accordance with the following:

<u>P1</u>	<u>P2</u>
A	A
B	B

**SUPPLEMENTARY TEST PROCEDURE 030**  
**CLASS 7025**  
**Power Distribution Unit (PDU)**  
**(Ref. Appendix A-62)**

**1. General**

This procedure provides a description of special test equipment, fixturing, cabling, instrumentation, and instructions for performing the inspection and evaluations applicable to Power Distribution Unit (PDU).

**2. Test Equipment/Test Setup**

All tests are to be performed under the following environmental conditions, unless otherwise stated:

Temperature:	23° + 10°C (73°+ 18°F)
Relative Humidity:	80 percent maximum

All test equipment is to be energized for at least 30 minutes prior to utilization, unless otherwise specified in operating manual for the test equipment.

All tests are to be performed in a electromagnetic shielded enclosure, if in a high RF field of interference.

Table B-1 list the test equipment, and Figure B-1, B-2, B-3, B-4 and B-5 illustrates the various test setups.

*Table B-1.. Test Equipment for Procedure*

Item	Technical Manual (Ref.)
Digital Voltmeter, Hewlett-Packard, Model 3439A	NA
Multimeter, AN/PSM-6	NA
Power Supply, Hewlett-Packard, Model 6269B (PS1)	NA
Power Supply, Hewlett-Packard, Model 6255A (2 required; PS1/PS2)	NA
Megohmmeter, James Biddle	NA
High Current Jumper (Commercial)	NA
Resistor, 130 ohm, 10%, 3W, (Commercial) (2 Required) NA	
Battery, BB-590/U	NA

**3. Inspection Requirements.**

The following mechanical-visual inspections are applicable to all Power Distribution Units series system, sets, units, and assemblies and further define the coded inspection criteria given in appendix A.

**(a) Visual Inspection**

- (1) All decals are in place and all nomenclature is legible.
- (2) All external connectors are securely mounted, free from damage and missing pins, have protective covers installed.

- (3) All connectors and receptacles are identified by correct and legible designations.
- (4) Verify all covers are tight and no screws or bolts are stripped.
- (5) Verify that the ground strap is securely fastened to the PDU housing.
- (6) Verify pressure relief valves is spring loaded to the closed position and it does not appear damaged.
- (7) Verify the paint finish is uniform over the entire housing.
- (8) Verify bracket angle is bent at right angles, and is not bent in any other angle.
- (9) Verify pipe plug is in tight and has sealant applied in the threads.
- (10) At the rear of the PDU there shall be three (3) decals.
- (11) Verify handle is tight and the paint is not scratched or scraped off.

(b) Mechanical Inspection

- (1) Verify all screws and fasteners are tight.
- (2) Verify all knobs and switches are secured on their control shafts.
- (3) Remove pilot light lens, verify that light bulbs are in the sockets.
- (4) At the rear of the PDU, connectors J1 and J7 shall have metal covers secured by a beaded chain. Be sure that the covers are tight and fastened to the connector receptacles.
- (5) Open battery cover and verify there shall be no battery in the compartment. If there is, remove it.

#### 4. Electrical Tests.

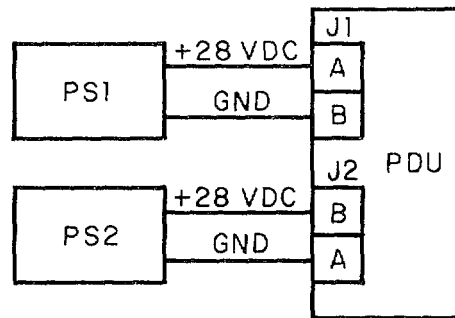
The following tests are to be performed, using the applicable data sheet (figure B-1 for

Step	Settings and Instructions	Normal Indication	
1	BCU Power Continuity		
	(a) Check that PDU power is off.		
	(b) Set Circuit breaker (CB1) to ON. Connect multimeter between indicated pints and observe resistance valves.		
	From	To	
(1)	J1-A	J3-A	1 ohm, Max
(2)	J1-A	J4-B	1 ohm, Max
(3)	J1-A	J5-A	1 ohm, Max
(4)	J1-A	J6-A	1 ohm, Max
(5)	J1-A	J6-B	1 ohm, Max
(6)	J1-A	J6-D	1 ohm, Max
(7)	J1-A	J6-F	1 ohm, Max
(8)	J1-A	J6-G	1 ohm, Max
(9)	J1-A	J6-J	1 ohm, Max
(10)	J1-A	J6-L	1 ohm, Max
(11)	J1-A	J6-U	1 ohm, Max
(12)	J1-A	J6-Y	1 ohm, Max
(13)	J1-B	J3-C	1 ohm, Max
(14)	J1-B	J4-A	1 ohm, Max
(15)	J1-B	35-B	1 ohm, Max
(16)	J1-B	J6-C	1 ohm, Max
(17)	J1-B	J6-E	1 ohm, Max
(18)	J1-B	J6-H	1 ohm, Max
(19)	J1-B	J6-K	1 ohm, Max
(20)	J1-B	J6-T	1 ohm, Max
(21)	J1-B	J6-V	1 ohm, Max
(22)	J1-B	J6-W	1 ohm, Max
(23)	J1-B	J6-X	1 ohm, Max
(24)	J1-B	J6-Z	1 ohm, Max
2	AUX Power Contunity Test		
	(a) Connect multimeter between indicated points and observe resistance values.		
(1)	J2-A	J7-B	1 ohm, Max
(2)	J2-B	J7-A	1 ohm, Max



Step	Settings and Instructions		Normal Indication
<b>3</b>	<b>Chassis Ground Continuity</b>		
(a)	Connect multimeter between indicated points and observe resistance values.		
	<u>From</u>	<u>To</u>	
(1)	31-B	Chassis Gnd Strap	1 ohm, Max
(2)	J2-A	Chassis Gnd Strap	1 ohm, Max
(3)	J3-2	Chassis Gnd Strap	1 ohm, Max
(4)	J5-C	Chassis Gnd Strap	1 ohm, Max
(5)	J6-C	Chassis Gnd Strap	1 ohm, Max
(6)	J6-M	Chassis Gnd Strap	1 ohm, Max
<b>4</b>	<b>Battery Power Continuity</b>		
(a)	Connect multimeter between indicated points and observe resistance values.		
	<u>From</u>	<u>To</u>	
(1)	J8-2	J8-4	1 ohm, Max
(2)	J8-3	J6-S	1 ohm, Max
(3)	J9-2	J9-4	1 ohm, Max
(4)	J9-3	J6-S	1 ohm, Max
<b>5</b>	<b>Ground Isolation Test</b>		
(a)	Connect positive and negative leads of megohmmeter as indicated below.		
(b)	Using megohmmeter, observe impedance between indicated points		
	B(+)	(-)	
(1)	J6-F	J6-H	
(2)	J6-S	J6-H	
(3)	J8-65	J9-2	
(4)	J8-5	J8-3	
(5)	38-5	J9-2	
(6)	J9-5	J8-3	
(c)	Disconnect megohmmeter		

Step	Settings and Instructions	Normal Indication
6	BCS Power Indicator	
(a)	Connect PS1, PS2 and PDU as shown in figure B-1 below.	
(b)	Energize PS1 and PS2 with PDU circuit breaker off. Observe BCU Power and AUX Power lamp.	OFF
(c)	Set PDU circuit breaker to ON. Observe BCU POWER and AUX POWER lamps.	ON
(d)	Set PDU circuit breaker OFF.	
(e)	De-energize PS1, PS2 and disconnect equipment.	



7	Battery Power Indicator Test	
(a)	Connect PS2, PS3 and PDU as shown in figure, B-2 below.	
(b)	Open battery cover and insert BB-590/U battery in left battery component.	
(c)	Energize PS2, and PS3 and observe BAT POWER lamp.	OFF
(d)	De-energize PS3 and observe BAT POWER lamp.	ON
(e)	De-energize PS2.	
(f)	Remove BB-590/U Battery from left compartment and insert into right battery compartment.	

Step	Setting and Instructions	Normal Indication
(g)	Repeat steps (e) and (d).	
(h)	De-energize PS2 and PS3 and disconnect equipment.	

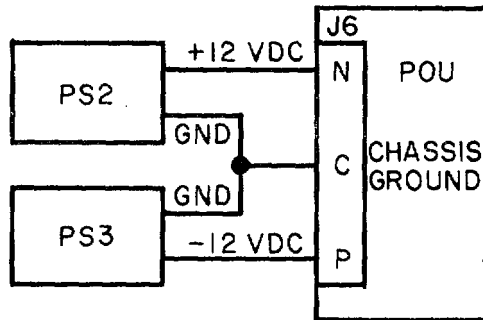


Figure B-2. Battery Power Indicator Test Setup

- 8 Line Drop Test
- (a) Connect equipment to first set of points as shown in figure B-3 below.
  - (b) Energize PS1 and increase voltage until PS1 ammeter shows 8 amperes. Then observe DVM reading. 160 MV MAX
  - (c) De-energize PS1 and reconnect equipment to next set of points and repeat step (b) for each:

	INPUT VOLTAGE		HIGH CURRENT	JUMPER	DVM		
(1)	J1-A	J1-B	J3-A	J3-C	J1-B	J3-C	100 MV MAX
(2)	J1-A	J1-B	J4-B	J4-A	J1-A	J4-B	160 MV MAX
(3)	J1-A	J1-B	J4-B	J4-A	J1-B	J4-A	100 MV MAX
(4)	J1-A	J1-B	J5-A	J5-B	J1-A	J5-A	160 MV MAX
(5)	J1-A	J1-B	J5-A	J5-B	J1-B	J5-B	100 MV MAX
(6)	J1-A	J1-B	J6-A	J6-C	J1-A	J6-A	250 MV MAX
(7)	J1-A	J1-B	J6-A	J6-C	J1-B	J6-C	150 MV MAX
(8)	J2-B	J2-A	J7-A	J7-B	J1-B	J7-A	50 MV MAX
(9)	J2-B	J2-A	J7-A	J7-B	J2-A	J7-B	120 MV MAX

- (d) De-energize PS1 and disconnect-equipment.

Step	Setting and Instructions	Normal Indication
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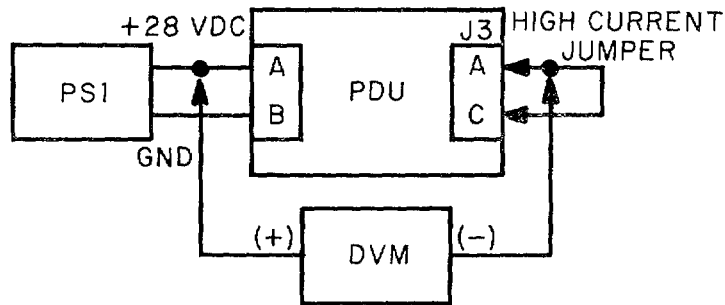


Figure B-3. Line Drop Test Setup

9. Reverse Voltage Test

- (a) Connect PS2 and PDU as shown in figure B-4 below.
- (b) Set PDU circuit breaker to on.
- (c) Energize PS1. Observe circuit breaker
- (d) De-energize PS1.
- (e) Connect PS1 and PDU as shown in B below.
- (f) Set PDU circuit breaker to on.
- (g) Energize PS1. Observe circuit breaker.
- (h) De-energize PS1.
- (i) Disconnect equipment.

Trips

Trips

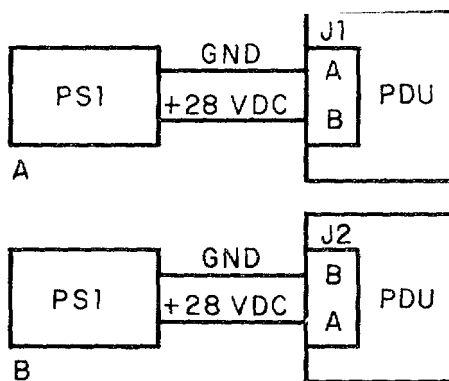


Figure B-4. Reverse Voltage Test Setup

Step	Setting and Instructions	Normal Indication
10. Battery Charger Test		
(a) Connect PSI, PSM6 and resistors as shown in Figure B-5 below.		
(b) Energize PSI and measure charging current on PSM-6 (Points 1 and 2)		150 + 30 MA
(c) De-energize PS1.		
(d) Reconnect PSM6 to points 3 and 4.		
(e) Energize PSI and measure charging current on PSM-6 (Points 3 and 4)		150 + 30 MA
(f) De-energize PS1 and Disconnect equipment.		

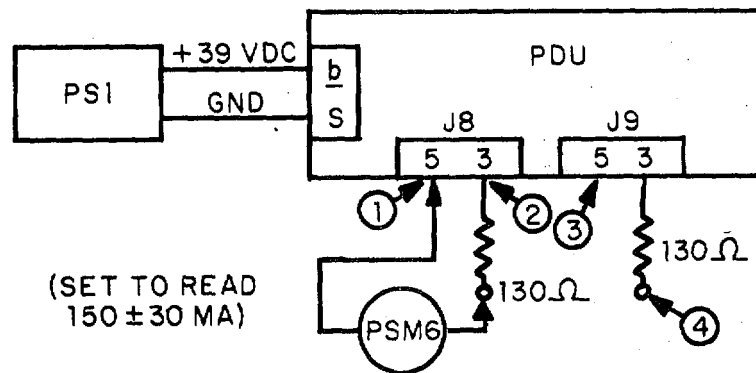


Figure B-5. Battery Charger Test Setup

SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 7030  
(Ref. Appendix A-89)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

<b>Instructions (slash sheet)</b>		<b>Applicable Item</b>	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>7030-00</u>	
002		019-0278	
003		019-0279	
004		075-0284	

SUPPLEMENTARY INSPECTION PROCEDURE  
CLASS 7035  
(Ref. Appendix A-90)

The following table identifies required supplementary tests by TRC number (indexed to applicable technical manual and/or special instructions provided herein) cross-referenced to NSN number and equipment type.

Instructions (slash sheet)		Applicable Item	
TRC No	Technical Manual/ Special Instructions	NSN No	Type No.
		<u>7035-00</u>	
002*	SI-Circuit Card Assm.	318-7649	N/A
002*	SI-Circuit Card Assm.	318-7659	N/A
002		360-9615	

\*See Test Procedure Instructions 003, Class 4920, "SI-Circuit Card Assm."

**APPENDIX C**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

This appendix provides a separate listing of materiel items identified with specific shelf-life codes. This listing was derived from appendix A (A-1 through A-96) in order to present a quick reference guide for those specific shelf-life materiel items which presently require cyclic inspection; it does not define the current total number of CECOM shelf-life items within the depot stockkeeping system. It is planned that this appendix be updated as information and data become readily available on: newly procured materiel items; materiel item shelf-life reclassification concluded from cyclic inspection and/or test results; and possible materiel item and mission changes or redefinition. This update shall be periodically conducted to maintain this listing as a viable reference guide.



## APPENDIX C--Continued

REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS  
SHELF-LIFE MATERIEL ITEMS

Federal Stock Number	Item Description	Code	Shelf Life	
			Duration (mos.)	
<u>0297-23</u>	10A-5164	1	3	
	10A-5176	1	3	
	10A-5177	1	3	
	10A-5178	1	3	
	10A-5195	1	3	
	10A-5198	1	3	
<u>3010-00</u>	640-4786	P	30	
<u>3020-00</u>	285-5037	A	1	
<u>3030-01</u>	070-9109	5	60	
	070-9110	5	60	
<u>4720-01</u>	035-6686	C	36	
<u>5310-01</u>	015-1245	R	48	
<u>5330-01</u>	015-1236	R	48	
	015-1237	R	48	
	015-1238	R	48	
	073-6141	7	36	
<u>5340-01</u>	072-8002	9	60	
	094-5433	H	12	
	094-5434	H	12	
<u>5410-00</u>	771-3354	H	12	
	793-2021	H	12	
	004-2436	L	3	
<u>5805-00</u>	411-8103	5	18	
<u>5815-01</u>	075-2742	X	60	
<u>5820-00</u>	G33-9953	3	9	
	064-5162	F	6	
	567-0321	B	2	
	624-2802	P	30	
	752-0310	P	30	
	926-7233	1	3	
	945-7722	P	30	

APPENDIX C--Continued  
 REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS  
 SHELF-LIFE MATERIEL ITEMS

<b>Federal Stock Number</b>	<b>Item Description</b>	<b>Code</b>	<b>Shelf Life Duration (mos.)</b>
<u>5820-01</u>	G14-6515	S	60
	G14-6532	S	60
	045-2202	S	60
	046-4917	S	60
	054-2994	S	60
	077-4702	2	6
	077-4703	2	6
	103-7657	R	48
<u>5821-01</u>	094-5659	1	3
<u>5826-01</u>	C76-4085	F	6
	076-4086	F	6
<u>5840-01</u>	084-5374	2	6
	090-5499	2	6
	104-4774	9	60
	104-4776	9	60
<u>5840-01</u>	104-4777	9	60
	104-4778	9	60
	104-4780	9	60
	104-4781	9	60
	104-4782	9	60
	104-4783	9	60
	105-6645	9	60
<u>5850-00</u>	669-8726	C	3
<u>5855-00</u>	179-3169	B	2
	179-3191	B	2
	401-3442	4	12
	040-0107	K	18
<u>5865-01</u>	037-1325	A	1
<u>5895-01</u>	109-7906	5	18
	109-8046	5	18
	109-8047	5	18
	109-8048	5	18
	109-8049	5	18
	109-8050	5	18

**APPENDIX C--Continued**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

<b>Federal Stock Number</b>	<b>Item Description</b>	<b>Code</b>	<b>Shelf Life</b>	
			<b>Duration (mos.)</b>	
<u>5895-01</u>	109-8051	5	18	
(cont.)	109-8052	5	18	
	109-8053	5	18	
	109-8054	5	18	
	109-8055	5	18	
	109-8056	5	18	
	109-8057	5	18	
	109-8058	5	18	
	109-8059	5	18	
	109-8060	5	18	
	109-8061	5	18	
	109-8062	5	18	
	109-8063	5	18	
	110-2435	5	18	
	111-3977	5	18	
<u>5905-00</u>	283-9750	A	1	
<u>5915-01</u>	090-6284	C	36	
<u>5930-01</u>	087-1724	5	18	
<u>5950-00</u>	294-3000	A	1	
	503-8658	9	60	
<u>5950-01</u>	041-6517	S	60	
<u>5955-00</u>	283-6643	A	1	
	302-7537	A	1	
<u>5960-00</u>	423-4534	A	1	
<u>5962-01</u>	041-3494	S	60	
	041-3496	S	60	
	041-3498	S	60	
	041-3499	S	60	
	041-6745	S	60	
	042-9794	S	60	
	047-2094	S	60	
	056-1048	2	6	
	060-6562	S	60	

SB 740-91-01  
APPENDIX C--Continued  
REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS  
SHELF-LIFE MATERIEL ITEMS

<u>Federal Stock Number</u>	<u>Item Description</u>	<u>Code</u>	<u>Shelf Life Duration (mos.)</u>
<u>5985-00</u>	092-8694	Coupler, Antenna	2 6
	058-4515	Antenna Assembly	9 60
	072-4317	Housing, Antenna	9 60
	072-4616	Circuit Card Assemb	9 60
	072-4617	Circuit Card Assemb	9 60
	072-4618	Circuit Card Assemb	9 60
	072-8178	Indicator, Digital D	9 60
	072-8184	Circuit Card Assem	9 60
<u>5995-00</u>	006-9711	Lead, Electrical	C 36
	930-9511	Cable Assembly, Radi	p 30
<u>5995-01</u>	048-5923	Cable Assembly, Spec	S 60
	072-4316	Cable Assembly	9 60
	072-8001	Cable Assembly, Spec	9 60
	108-5170	Cable Assembly, Spec	1 3
<u>5999-01</u>	072-4402	Contact, Electrical	9 60
	072-4403	Contact, Electrical	9 60
<u>6024-24</u>	161-3159	Dep Reported Stk-No	2 6
	161-3162	Dep Reported Stk-No	2 6
<u>6045-14</u>	162-2542	Dep Reported Stk-No	S 60
	162-2981	Dep Reported Stk-No	S 60
<u>6105-00</u>	314-7767	Motor, Alternating C	A 1
<u>6105-01</u>	072-7999	Motor, Scan Drive	9 60
<u>6130-00</u>	926-7910	Charger, Battery	5 18
<u>6130-01</u>	111-3968	Power Supply Assemb	5 18
<u>6135-00</u>	010-5255	Battery, Dry	7 36
	010-5275	Battery, Dry	7 36
	042-5414	Battery, Dry	7 36
	050-0915	Battery, Dry	9 60
	050-0916	Battery, Dry	9 60
	050-3280	Battery, Dry	8 48
	054-7132	Battery, Dry,	7 36
	056-7612	Battery, Dry	7 36

## APPENDIX C--Continued

REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS  
SHELF-LIFE MATERIEL ITEMS

Federal Stock Number	Item Description	Code	<u>Shelf Life</u>	
			Duration (mos.)	
6135-00	073-8939	Battery, Mercury Cel	7	36
(cont.)	100-0385	Battery, Dry	7	36
	100-0386	Battery, Dry	7	36
	100-0387	Battery, Dry	9	60
	100-0389	Battery, Dry	7	36
	100-0392	Battery, Dry	8	48
	100-0395	Battery, Dry	7	36
	100-0399	Battery, Dry	8	48
	100-0402	Battery, Dry	8	48
	100-0405	Battery, Dry	7	30
	100-0411	Battery, Dry	8	48
	100-0412	Battery, Dry	7	30
	100-0413	Battery, Dry	9	60
	100-0415	Battery, Dry	7	36
	100-0420	Battery, Dry	8	48
	100-0421	Battery, Dry	8	48
	100-0423	Battery, Dry	8	48
	100-0424	Battery, Dry	9	60
	100-0425	Battery, Dry	8	48
	100-0426	Battery, Dry	7	36
	100-0447	Battery, Dry	7	30
	100-0450	Battery, Dry	7	36
	100-0454	Battery, Dry	9	60
	100-0455	Battery, Dry	7	30
	100-0456	Battery, Dry	7	30
	100-0457	Battery, Dry	7	30
	100-0458	Battery, Dry	9	60
	100-0459	Battery, Dry	1	36
	100-0460	Battery, Dry	7	30
	100-0462	Battery, Dry	8	48
	100-0463	Battery, Dry	8	48
	100-0464	Battery, Dry	7	36
	100-0465	Battery, Dry	8	48
	100-0466	Battery, Dry	7	30
	100-0469	Battery, Dry	8	48
	100-0474	Battery, Dry	7	36
	100-0475	Battery, Dry	8	48
	100-0485	Battery, Dry	8	48
	100-0486	Battery, Dry	7	27
	100-0487	Battery, Dry	7	36
	100-4217	Battery, Dry	7	36

**APPENDIX C--Continued**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

Federal Stock Number	Item Description	Code	<u>Shelf Life</u>
			Duration (mos.)
6135-00	106-6410	Battery, Primary	0
(cont .)	107-6662	Battery, Dry	7
	110-4136	Battery, Dry	7
	112-8634	Battery, Dry	7
	112-8635	Battery, Dry	7
	112-8636	Battery, Dry	7
	112-8637	Battery, Dry	7
	113-8131	Battery, Primary	0
	120-1003	Battery, Dry	7
	120-1004	Battery, Dry	7
	120-1005	Battery, Dry	7
	120-1007	Battery, Dry	7
	120-1010	Battery, Dry	7
	120-1011	Battery, Dry	7
	120-1012	Battery, Dry	7
	120-1013	Battery, Dry	7
	120-1014	Battery, Dry	9
	120-1015	Battery, Dry	7
	120-1016	Battery, Dry	8
	120-1017	Battery, Dry	7
	120-1018	Battery, Dry	7
	120-1019	Battery, Dry	7
	120-1020	Battery, Dry	8
	120-1021	Battery, Dry	7
	120-1022	Battery, Dry	8
	120-1023	Battery, Dry	8
	120-1025	Battery, Dry	8
	120-1026	Battery, Dry	7
	120-1027	Battery, Dry	8
	120-1028	Battery, Dry	7
	120-1030	Battery, Dry	7
	120-1032	Battery, Dry	7
	120-1034	Battery, Dry	8
	120-1035	Battery, Dry	8
	125-5255	Battery, Dry	8
	125-5256	Battery, Dry	7
	125-5257	Battery, Dry	7
	125-5265	Battery, Primary	7
	128-1632	Battery, Dry	6
	128-1633	Battery, Dry	7
	135-0194	Battery, Dry	7
	148-9781	Battery, Dry	7
	153-0069	Battery, Dry	8

**APPENDIX C--Continued**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

Federal Stock Number	Item Description	Code	<u>Shelf Life</u>	
			Duration (mos.)	
<u>6135-00</u>	156-4280	Battery, Dry	7	36
(cont.)	160-7158	Battery, Dry	7	36
	160-7159	Battery, Dry	7	36
	160-7161	Battery, Dry	7	36
	161-0746	Battery, Dry	7	36
	164-8753	Battery, Dry	8	48
	164-8754	Battery, Dry	7	36
	164-8755	Battery, Dry	7	36
	164-8756	Battery, Dry	7	36
	164-8757	Battery, Dry	7	36
	164-8758	Battery, Dry	7	36
	164-8759	Battery, Dry	7	36
	164-8760	Battery, Dry	7	36
	164-8761	Battery, Dry	7	36
	164-8762	Battery, Dry	7	36
	164-8766	Battery, Dry	8	48
	164-8767	Battery, Dry	8	48
	164-8768	Battery, Dry	7	36
	164-8772	Battery, Dry	7	36
	164-8773	Battery, Dry	8	48
	164-8774	Battery, Dry	8	48
	164-8775	Battery, Dry	8	48
	164-8776	Battery, Dry	8	48
	164-8777	Battery, Dry	8	48
	164-8778	Battery, Dry	8	48
	164-8779	Battery, Dry	8	48
	164-8780	Battery, Dry	8	48
	178-9506	Battery, Dry	7	36
	178-9527	Battery, Dry	8	48
	179-0510	Battery, Dry	9	60
	179-0538	Battery, Dry	7	36
	182-7926	Battery Alarm Assem	7	36
	194-9352	Battery, Dry	7	36
	194-9353	Battery, Dry	7	36
	194-9354	Battery, Dry	7	36
	195-0219	Battery, Dry	7	36
	209-6918	Battery, Dry	7	36
	220-2061	Battery, Dry	7	36
	221-4687	Battery, Dry	7	36
	221-4688	Battery, Dry	7	36
	221-4719	Battery, Dry	7	36
	221-4720	Battery, Dry	7	36
	221-5436	Battery, Primary	0	

**APPENDIX C--Continued**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

Federal Stock Number	Item Description	Code	Shelf Life	
				Duration (mos.)
61.35-00	237-1703	Battery, Primary	9	60
(cont.)	240-3200	Battery, Dry	7	36
	243-5048	Battery, Dry	7	36
	243-8330	Battery, Primary	x	
	255-1340	Battery, Thermal	9	60
	262-6850	Battery, Dry	7	36
	263-4133	Battery, Primary	0	
	266-9762	Battery, Dry	7	36
	266-9764	Battery, Dry	7	36
	266-9766	Battery, Dry	8	48
	266-9787	Battery, Dry	7	36
	269-5843	Battery, Dry	7	36
	271-0407	Battery, Dry	7	36
	274-4034	Battery, Dry	9	60
	274-4035	Battery, Dry	7	36
	276-7625	Battery, Dry	7	36
	284-0249	Battery, Primary	0	
	284-1108	Battery, Dry	8	48
	284-1406	Battery, Dry	7	36
	295-0608	Battery, Dry	7	36
	295-2172	Battery, Dry	7	36
	295-2613	Battery, Dry	7	36
	295-2614	Battery, Dry	7	36
	295-2619	Battery, Dry	7	36
	299-6918	Battery, Dry	7	36
	392-6606	Battery, Primary	0	
	444-2198	Battery, Primary	0	
	445-2787	Battery, Bias Cell	7	36
	450-3528	Battery, Dry	8	48
	459-3322	Battery, Dry	7	36
	459-3323	Battery, Dry	7	36
	459-3324	Battery, Dry	7	36
	459-3325	Battery, Dry	7	36
	459-3326	Battery, Dry	7	36
	459-3327	Battery, Dry	7	36
	461-3590	Battery, Dry	7	36
	470-6708	Battery, Primary	0	
	472-2065	Battery, Primary	0	
	473-6278	Battery, Dry	7	36
	473-6279	Battery, Dry	7	36
	474-9529	Battery, Dry	7	36
	477-3828	Battery, Primary	7	
	485-7402	Battery, Primary	7	36
	491-5252	Battery, Primary	0	



**APPENDIX C--Continued**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

Federal Stock Number	Item Description	Code	Shelf Life	
				Duration (mos.)
<u>6135-00</u>	493-9277	Battery, Primary	0	
(cont.)	498-2456	Battery, Dry	7	36
	498-2477	Battery, Primary	0	
	498-3951	Battery, Primary	0	
	500-1173	Battery, Dry	7	36
	521-0277	Battery, Primary	0	
	524-6277	Battery, Primary	7	36
	542-6277	Battery, Dry	7	36
	542-6728	Battery, Dry	7	36
	546-6273	Battery, Primary	0	
	548-1696	Battery, Primary	0	
	548-2765	Battery, Dry	7	36
	553-6213	Battery, Primary	0	
	556-8318	Battery, Dry	7	36
	557-0174	Battery, Dry	7	36
	577-3340	Battery, Dry	7	36
	577-8141	Battery, Primary	0	
	571-8292	Battery, Primary	0	
	577-8309	Battery, Dry	7	36
	578-6901	Battery, Dry	7	36
	578-7646	Battery, Primary	0	
	583-3700	Battery, Dry	7	36
	597-8911	Battery, Primary	0	
	603-4859	Battery, Dry	9	60
	635-5217	Battery, Dry	8	48
	635-5222	Battery, Primary	0	
	635-5223	Battery, Primary	0	
	635-5246	Bias Cell	7	36
	635-6243	Battery, Primary	0	
	635-6244	Battery, Primary	0	
	635-6370	Battery, Primary	0	
	643-2235	Battery, Dry	7	36
	655-2279	Battery, Primary	9	00
	669-6678	Battery, Dry	7	36
	669-6679	Battery, Dry	7	36
	679-1554	Battery, Primary	0	
	683-0536	Battery, Dry	a	48
	683-0537	Battery, Dry	7	36
	683-0812	Battery, Dry	7	36
	688-5558	Battery, Dry	7	36
	702-2776	Battery, Primary	0	
	715-4001	Battery, Dry	7	36
	725-3941	Battery, Dry	7	36

**APPENDIX C--Continued**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

Federal Stock Number	Item Description	Code	Shelf Life	
				Duration (mos.)
6135-00	728-9860	Battery, Dry	7	36
(cont .)	730-1434	Battery, Primary	0	
	732-3509	Battery, Primary	0	
	735-6341	Battery, Primary	x	
	753-2276	Battery, Primary	x	
	767-0331	Battery, Primary	x	
	780-9961	Battery, Primary	x	
	782-6817	Battery, Dry	7	36
	782-6842	Battery, Primary	0	
	801-0587	Battery, Dry	7	36
	801-3493	Battery, Dry	7	36
	803-3012	Battery, Dry	7	36
	808-5093	Battery, Primary	7	36
	808-5093	Battery, Dry	7	36
	816-6206	Battery, Dry	7	36
	823-2353	Battery, Primary	0	
	823-2728	Battery, Wet, Primary	7	36
	823-3034	Battery, Dry	9	60
	825-6692	Battery, Dry	8	48
	833-9909	Battery, Dry	5	18
	835-1023	Battery, Dry	7	36
	837-5331	Battery, Wet, Primary	9	60
	838-0706	Battery, Dry	7	36
	845-9232	Battery, Dry	7	36
	850-3177	Battery, Dry	7	36
	851-0857	Battery, Primary	0	
	853-8670	Battery, Dry	6	24
	855-8343	Battery, Primary	0	
	858-5712	Battery, Dry	7	36
	865-1479	Battery, Primary	0	
	889-1485	Battery, Dry	7	36
	889-1502	Battery, Primary	0	
	898-6996	Battery, Dry	7	36
	906-0984	Battery, Dry	7	36
	911-2355	Battery, Primary	0	
	912-9787	Battery, Dry	7	36
	918-6993	Battery, Mercury	7	36
	921-6487	Battery, Dry	7	36
	926-0827	Battery, Dry	7	36
	926-0844	Battery, Dry	7	36
	926-0845	Battery, Dry	7	36
	926-3503	Battery, Dry	7	36
	926-3698	Battery, Dry	7	36
	926-3698	Battery, Primary	7	

**APPENDIX C--Continued**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

Federal Stock Number		Item Description	Code	<u>Shelf Life</u>
				Duration (mos.)
<u>6135-00</u>	926-8322	Battery, Dry	8	48
(cont.)	930-0030	Battery, Dry	8	48
	930-1570	Battery, Thermal	9	60
	930-6273	Battery, Primary	0	
	933-2529	Battery, Primary	0	
	935-0268	Battery, Dry	7	36
	935-2513	Battery, Primary	7	
	935-2532	Battery, Dry	7	36
	935-2533	Battery, Dry	7	36
	935-2577	Battery, Dry	8	48
	935-2582	Battery, Dry	7	36
	935-2583	Battery, Dry	8	48
	935-2587	Battery, Dry	7	36
	935-2589	Battery, Dry	7	36
	935-5241	Battery, Dry	7	36
	935-5301	Battery, Dry	7	36
	935-8738	Battery, Dry	7	36
	935-8769	Battery, Dry	7	36
	936-1749	Battery, Primary	0	
	937-2324	Battery, Primary	0	
	938-1351	Battery, Primary	0	
	945-0016	Battery, Silver Oxid	6	24
	947-7091	Battery, Dry	6	24
	950-9380	Battery, Dry	7	36
	961-3603	Battery, Dry	7	36
	968-8594	Battery, Primary	7	36
	971-8485	Battery, Primary	6	24
	973-5632	Battery, Dry	7	36
	985-7887	Battery, Dry	7	36
	988-3922	Battery, Dry	7	36
	990-1822	Battery, Dry	7	36
	990-9141	Battery, Thermal	9	60
	995-2239	Battery, Primary	0	
	997-8802	Battery, Primary	0	
	997-8803	Battery, Primary	0	
	999-3276	Battery, Primary	0	
	999-9141	Battery, Primary	9	60

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**APPENDIX C--Continued**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

Federal Stock Number	Item Description	Code	<u>Shelf Life</u> Duration (mos.)	
<u>6135-01</u>	015-1223	Battery, Dry	8	48
	034-0335	Battery, Primary	x	
	034-2239	Battery, Primary	x	
	036-3495	Battery, Primary	x	
	055-9627	Battery, Primary	x	
	063-1978	Battery, Dry	7	36
	069-8575	Battery, Primary	x	60
	070-3865	Battery, Primary	8	
	072-4325	Battery	4	12
	088-2707	Battery, Primary	x	
	088-2708	Battery, Primary	x	
	090-5364	Battery, Primary	x	
	090-5365	Battery, Primary	x	
	090-6536	Battery, Primary	7	
	104-4485	Battery	9	60
<u>6140-00</u>				
	066-7079	Lead Storage Battery	7	30
	156-3926	Battery, Storage	7	30
	935-2688	Battery, Storage	7	30
	948-1554	Battery, Storage	3	9
	990-9544	Battery, Storage	7	30
<u>6244-31</u>				
	168-7121	Dep Reported Stk-No	1	3
	168-7124	Dep Reported Stk-No	1	3
	168-7125	Dep Reported Stk-No	1	3
	168-7128	Dep Reported Stk-No	7	36
	168-7129	Dep Reported Stk-No	7	36
	168-7131	Dep Reported Stk-No	7	36

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APPENDIX C--Continued  
REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS  
SHELF-LIFE MATERIEL ITEMS

Federal Stock Number	Item Description	Code	Shelf Life Duration (mos.)
<u>6244-31</u>	168-7132	Dep Reported Stk-No	7 36
(cont.)	168-7133	Dep Reported Stk-No	7 36
	168-7135	Dep Reported Stk-No	7 36
	168-7140	Dep Reported Stk-No	7 36
	168-7141	Dep Reported Stk-No	8 48
	168-7142	Dep Reported Stk-No	5 18
	168-7143	Dep Reported Stk-No	5 18
	168-7144	Dep Reported Stk-No	5 18
	168-7145	Dep Reported Stk-No	5 18
	168-7147	Dep Reported Stk-No	7 36
	168-7149	Dep Reported Stk-No	7 36
	168-7168	Dep Reported Stk-No	3 9
	168-7170	Dep Reported Stk-No	3 9
	168-7172	Dep Reported Stk-No	3 9
	168-7173	Dep Reported Stk-No	3 9
	168-7193	Dep Reported Stk-No	5 18
	168-7194	Dep Reported Stk-No	5 18
	168-7199	Dep Reported Stk-No	8 48
	168-7200	Dep Reported Stk-No	9 60
	168-7201	Dep Reported Stk-No	1 3
	168-7204	Dep Reported Stk-No	8 48
	168-7205	Dep Reported Stk-No	8 48
	168-7206	Dep Reported Stk-No	8 48
	168-7223	Dep Reported Stk-No	4 12
	168-7224	Dep Reported Stk-No	4 12
	168-7237	Dep Reported Stk-No	6 24
	168-7251	Dep Reported Stk-No	2 6
	168-7261	Dep Reported Stk-No	1 3
	168-7282	Dep Reported Stk-No	1 3
	168-7285	Dep Reported Stk-No	1 3
<u>6350-00</u>	182-7621	Battery Alarm Set	C 36
<u>6350-01</u>	017-5745	Switchboard Theater	N 27
<u>6625-00</u>	827-2545	Radio Interference	5 18
<u>6625-01</u>	021-3641	Synchronizer, Electr	3 9
	063-1460	Generator, Sweep	3 9
<u>6660-00</u>	151-7772	Balloon, Meterologi	9 60
	408-4559	Charge, Hydrogen Gen	9 60
	526-6041	Balloon, Meteorologi	9 60

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**APPENDIX C--Continued**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

Federal Stock Number	Item Description	Code	Shelf Life	
				Duration (mos.)
<u>6660-00</u>	663-8153	Balloon, Meteorologi	9	60
(cont.)	663-8155	Balloon, Meteorologi	9	60
	663-8156	Balloon, Meteorologi	5	18
	663-8159	Balloon, Meteorologi	9	60
	809-5114	Balloon, Meteorologi	9	60
	809-5115	Balloon, Meteorologi	9	60
	892-2342	Balloon, Meteorologi	5	18
	936-8927	Balloon, Meteorologi	9	60
	999-0743	Charger, Hydrogen	9	60
	084-4356	Cartridge, Data, West	2	6
<u>6740-00</u>	290-6453	Drier, Photographic	5	18
	781-0191	Processing Machine,	Z	6
	926-5220	Printer, Projection,	7	36
<u>6750-01</u>	017-7372	Photo Meter	N	27
<u>6780-00</u>	496-9758	Processing Kit, Phot	1	3
<u>6810-00</u>	290-7104	Methyl Ethyl Ketone	H	12
<u>6930-01</u>	032-4286	Simulator, Navigatio	N	27
<u>7010-01</u>	101-6698	Ring, Rubber	S	60
	104-7976	Belt Assembly	S	60
<u>7021-01</u>	041-4533	Power Supply Subass	N	27
<u>7025-01</u>	038-3945	Gearcase-Motor	N	27
	040-3145	Gearcase-Motor	N	27
	043-8510	Circuit Card Assemb	N	27
	043-9494	Power Supply Subass	N	27
	043-9495	Power Supply Subass	N	27
	045-0542	Power Supply	N	27
	047-2564	Circuit Card Assemb	N	27
	047-2580	Multiplexer Set	N	27
	048-5927	Cabinet, Electrical	N	27
	109-1784	Component Board As	5	18
	109-1788	Component Board As	5	18

**APPENDIX C--Continued**  
**REFERENCE GUIDE FOR CECOM STORAGE SERVICEABILITY STANDARDS**  
**SHELF-LIFE MATERIEL ITEMS**

Federal Stock Number	Item Description	Code	<u>Shelf Life</u> Duration (mos.)	
<u>7035-00</u>	318-7649	Printed Wiring Board	N	27
	318-7659	Printed Wiring Board	N	27
	360-9615	Circuit Card Assemb	N	27
	041-3438	Control Panel, Maint	N	27
<u>7040-00</u>	033-9869	Group Control Matri	p	30

## APPENDIX D DEFINITIONS

Terms used in this supply bulletin may also be further defined in AR 310-25. In some instances, the definitions of key terms have been extracted from Army regulations for the convenience of the reader.

*Acceptable Quality Level (AQL).* The acceptable quality level is the maximum percent defective (or the maximum number of defects per hundred units) that, for purposes of sampling inspection, can be considered satisfactory.

*Acquisition Advice (AAC).* A one-position alphabetic code which indicates, to the requisitioner, how (as distinguished from where) and under what restrictions, an item will be acquired. The AAC reflects application of the three basic methods; i.e., by requisition, by fabrication or assembly, or by local purchase. The AAC is used for customer level (not wholesale system level) acquisition (Item Data Segment). See table D-1 for definition of all acquisition advice codes.

*Assembly.* A group of two or more physically connected or related parts which is capable of disassembly (carburetor, power pack, IF circuit, amplifier).

*Army Master Data File.* The files required to record, maintain, and distribute supply management data between and from Army commands to requiring activities.

*Class.* A group of items which share the same 4-digit prefix in their Federal Stock Numbers.

*Classification.* The determination and assignment of the appropriate condition code to material (AR 725-50, appendix II-33), based upon inspection results.

*Component.* An assembly or any combination of parts, subassemblies, and assemblies which are mounted together in manufacture, assembly, maintenance, or rebuild, and which are not normally subjected to disassembly without destruction.

*Condition Code.* A one-position, alphabetic character used to classify material to identify the degree of serviceability, condition, and completeness in terms of readiness for issue and use or to identify actions under way to change the status of material. See table D-2 for definition of all condition codes.

*Corrosion.* The act or process of wearing away by chemical action.

*Critical Functioning Parts.* Items having critical functioning parts are those items whose failure would jeopardize the mission or the safety of personnel. Typical items are engines, transmissions, gear boxes, blades, propellers, control tubes, instruments in aircraft, instruments and ground support equipment used to check the reliability of aircraft systems, servo cylinders, quill assembly, drive shaft, stabilizer bar, rotor hubs, scissors and sleeve assembly, pumps, railway cars, air conditioners, boats.

*Critical Performance Characteristics.* Items having critical performance characteristics are those items which have high probability of deterioration during storage because of the nature of the materials from which they are made. Typical



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packaging and storage conditions are cracking, kinking, bending and other deformations, scratches, creases from storage while folded. Typical materials are organics, plastics, rubber, cloth, explosive, confined gases, oil, and magnesium. Typical items are tires, fuel cells, bearings, restraint straps, parachutes, fire extinguishers, pylon and engine mounts, air ducts, windows, armor, seats, brake lining, avionic equipment, gaskets, generators, grip assemblies, hose assemblies, survival kits, lights, oxygen masks, oxygen regulators, seals, starters, valves, slings, voltage regulators, batteries and cable assemblies, railway cars, air conditioners, pontoon boat, etc.

*Cyclic Inspection.* A periodic systematic examination of stored material to determine serviceability, to detect deterioration while in storage, and to furnish data for any necessary condition reclassification actions.

*Defects and Defectives.* A defect is any nonconformance of the unit or product with specified requirements. A defective is a unit or product which contains one or more defects. The classification of defects and defectives is the listing of possible defects of the unit or product, or defectives, classified according to their seriousness.

*a. Critical.* A critical defect is one that judgment and experience indicate could result in hazardous or unsafe conditions for individuals using or maintaining the product; or for major end items of units of a product, a defect that could prevent performance of their tactical functions. A critical defective is a unit or product that contains one or more defects.

*b. Major.* A major defect is a defect, other than critical, that could result in failure, or materially reduce the usability of the unit of product for its intended purpose, or seriously affect the appearance when appearance is a major characteristic of the item. A major defective is a unit or product that contains one or more major defects.

*c. Minor.* A minor defect is one that does not materially reduce the usability of the unit of product for its intended purpose, or is a departure from established standards having no significant bearing on the effective use or operating of the unit, or affects the appearance in a minor degree when appearance is a significant characteristic. A minor defective is a unit or product that contains one or more minor defects.

*Deterioration.* A change in the characteristics of an item which adversely affects its ability to fulfill the function for which it was intended.

*Group.* An assemblage of items regarded as a complete unit.

*Inspection.* Inspection is the act of examining something and comparing it to an authorized standard. A product is inspected for conformance to established requirements; processes and procedures are inspected for adequacy and conformance, and technical data are inspected for adequacy. It is also necessary to inspect raw materials and production and test equipment including machines, dies, gages, jigs, fixtures, and precision measuring equipment. All planning and management actions ultimately relate to "Inspection," which is regarded as the single most important function of quality control.

*Inspection Frequency (IFC).* The inspection frequency is the period of time between cyclic inspections. (Specific codes used in the inspection frequency column of appendix A coded requirements are given in Section 2.2g.)

*Inspection Level (IL).* The inspection level is the number of items to be inspected which, for purposes of sampling inspections, provides an acceptable representation of the true lot condition.

*Item.* A separate particular in an enumeration, account, or series.

*Packaging.* Application or use of protective measures, including appropriate cleaning and drying methods, preservatives, protective wrappings, cushioning and containers, and complete package identification marking. The unit package is the first tie, wrap, or container applied to a single item, or a quantity of single items of the same stock number, preserved or unpreserved, and which is completely identified. Packaging is classified as follows:

*a. Level A Packaging.* The degree required for protection against the most severe conditions known or anticipated to be encountered during shipment, handling, and storage. Level A packaging is designed for direct exposure to all extremes of climatic, terrain, operational, and transportation environments without protection other than that provided by the package and pack. In general, the following criteria determine the requirements for Level A design:

- (1) Multiple rough handling during transportation and in-transit storage from manufacture to ultimate user.
- (2) Shock, vibration, and static loading during shipment, including deck ship loading and offshore or over-the-beach discharge, to ultimate user.
- (3) Environmental exposure during transit where port and warehouse facilities are limited or nonexistent.
- (4) Extended unimproved open storage in all climatic zones, particularly while under static loads imposed by stacking.
- (5) Special package and pack features for field and combat operations (handling and utility).
- (6) Special features as required by combat development agencies.

*b. Level B Packaging.* The degree required for protection under conditions known to be less severe than those requiring Level A, but more severe than those for which Level X is adequate. Level B packaging is designed to protect items from physical and environmental damage during shipment, handling, and storage for conditions other than those identified herein for Level A or Level X protection.

- (1) Multiple handling during transportation and in-transit storage.
- (2) Shock, vibration, and static loading of shipment world-wide by truck, rail, aircraft, or ocean transport.
- (3) Favorable warehouse environment for extended periods.
- (4) Effects of environmental exposure during shipment and in-transit transfers, excluding dock loading and offshore cargo discharge.
- (5) Stacking and supporting superimposed loads during shipment and extended storage.
- (6) Special features as required by military and technical characteristics and logistical conditions.

*c. Level X Packaging.* The degree required for protection under known conditions during shipment, handling and limited tenure of storage. Level X packaging is designed to protect items against physical and environmental damage during known favorable conditions of shipment, handling, and storage. In general, the following criteria determine the requirements of Level X:

- (1) Limited handling during transportation and in-transit storage.
- (2) Shock, vibration, and static loading during the limited transportation cycle.
- (3) Controlled warehouse environment for temporary periods.
- (4) Effects of environmental exposure during shipment and in-transit delays.

(5) Stacking and supporting superimposed loads during limited shipment and temporary storage.

*Preferred Packaging.* The level of packaging recommended for use which (due to its expediency and cost effectiveness) has been assigned per the Army Master Data File, and listed in appendix A for individual items.

*Preferred Storage.* That type of storage recommended for use, which has been assigned per the Army Master Data File, or, in its absence based upon the packaging assigned and the deteriorative characteristics of the material of construction. This is listed in appendix A for individual items.

*Principal Item.* End items and replacement assemblies of such importance that management techniques require centralized individual item management throughout the supply system (AR 310-25).

*Quality Defect Code (QDC).* A quality defect code is a numeric representation of an item's potential storage-induced defect for which cyclic inspections are performed. (Quality defect codes used in appendix A, coded requirements, are defined in table D-3).

*Risk.* The relative (between items) potential loss incurred by an item's failure, that is based upon an item's cost, complexity, personnel safety impact, and system impact.

*Sensitive Items.* Items of property having a potential ready sale or use in illicit markets and especially likely to be pilfered.

*Shelf Life Item.* An item of supply possessing deteriorative or unstable characteristics to the degree that only a limited storage time is allowed. There are two types of shelf-life items.

a. Type I--an item of supply determined, through evaluation of technical test data and/or actual experience, as an item with a definite nonextendable period of shelf life.

b. Type TI--an item of supply possessing an extendable storage time, contingent upon satisfaction of designated inspection, test, or restorative actions.

*Special Control Item.* A one-position alphanumeric code which identifies items requiring special controls due to such considerations as their being principal, sensitive, radioactive, etc.

*Storage Environment.* Any space, without regard to type of construction, used for storage. May be classified according to constructional characteristics and purposes. Specific storage environments (ranked in order of protection with the most given first) are classified as follows:

Type of Storage	Type of Space Code	Definition
Controlled humidity (or equivalent when such rating has been approved by higher authority)	C,T,E,F,D,Q	Area warehouse space equipped with humidity control equipment
Controlled temperature warehouse	A	Area warehouse space equipped with heating equipment for temperature control.
Noncontrolled temperature warehouse	B	Area warehouse space with no provisions for control of ambient conditions.
Shed	G,U	Covered structure having one or more sides and/or ends open with or without a concrete floor.
Open	M,0,2,4,6,8	Ground area designated for storage.

*Storage Serviceability Standard.* Documents containing mandatory instructions for inspection, testing and/or restoration of items in storage, and determination of material serviceability with associated degree of degradation.

*Subassembly.* Two or more parts forming a portion of an assembly or unit replaceable as a whole, but also containing a replaceable part or parts.

*Supply Bulletin.* A Storage Serviceability Standard in which readiness assurance requirements peculiar to an individual class of items are identified.

*Surveillance.* Observation, inspection, investigation, test, study, and classification actions performed to assure stored material is maintained in a ready-fore see condition

Table D-1. Acquisition Advice Codes (AAC)L  
(Ref. AR 708-1)

Code	Explanation
A	<p>SERVICE REGULATED Issue, transfer, or shipment is controlled by authorities above the ICP level to assure proper and equitable distribution.</p> <ol style="list-style-type: none"> <li>1. The use or stockage of the item requires release authority based on prior or concurrent justification.</li> <li>2. Requisitions should be submitted in accordance with Army requisitioning procedure.</li> </ol>
B	<p>CP REGULATED Issue, transfer, or shipment is controlled by the inventory control point.</p> <ol style="list-style-type: none"> <li>1. The use or stockage of the item requires release authority based on Prior or concurrent justification.</li> <li>2. Requisitions will be submitted in accordance with Army requisitioning procedure.</li> </ol>
C	<p>SERVICE MANAGED Issue, transfer, or shipment is not subject to specialized control other than those imposed by individual services' supply policy.</p> <ol style="list-style-type: none"> <li>1. The item is centrally managed, stocked, and issued.</li> <li>2. Requisitions will be submitted in accordance with Army requisitioning procedure.</li> </ol>
D	<p>DOD INTEGRATED MATERIEL MANAGER, STOCKED AND ISSUED Issue, transfer, or shipment is not subject to specialized controls other than those imposed by the Integrated Materiel Manager/Army supply policy.</p> <ol style="list-style-type: none"> <li>1. The item is centrally managed, stocked, and issued.</li> <li>2. Requisitions must contain the fund citation required to acquire the item. Requisitions will be submitted in accordance with Integrated Materiel 1,anager/Army requisitioning procedure.</li> </ol>
E	<p>OTHER SERVICE MANAGED, STOCKED, AND ISSUED Issue, transfer, or shipment is not subject to specialized controls other than those imposed by the services' requisitioning policy.</p> <ol style="list-style-type: none"> <li>1. The item is centrally managed, stocked, and issued.</li> <li>2. Requisitions may required a fund citation, and will be submitted in accordance with the Army requisitioning procedure.</li> </ol>

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1A one-position alphabetic code which indicates how (as distinguished from where) and under what restrictions, an item will be acquired. The AAC reflects application of the three basic methods: by requisition, by fabrication or assembly, or by local purchase. The AAC is used for customer level (not wholesale system level) acquisition (Item Data Segment).

Table D-1. Acquisition Advice Codes (AAC)--Continued  
(Ref. AR 708-1)

Code	Explanation
F	<p>FABRICATE OR ASSEMBLE (OR OBTAIN ITEMS SOURCE CODED X2 FROM CANNIBALIZATION) Stock numbered items fabricated or assembled from raw materials and finished products as the normal method of support. Procurement and stockage of the items are not justified because of low usage or peculiar installation factors. Distinctions between local or centralized fabricate/assemble capability are identified by the source of supply modifier in the "Source of Supply" column of the service management data lists. (When an Army requirement for an item source coded X2 cannot be satisfied through cannibalization, the item will be centrally procured but not stocked. A requisition for such an item, when submitted to an Army source of supply/manager, must contain advice code 2A or it will be rejected with status code CN.)</p>
G	<p>GENERAL SERVICES ADMINISTRATION (GSA)--INTEGRATED MATERIEL MANAGER STOCKED AND ISSUED Identifies GSA managed items available from GSA supply distribution facilities. Requisitions and fund citations will be submitted in accordance with GSA/Army requisitioning procedure.</p>
H	<p>DIRECT DELIVERY UNDER A CENTRAL CONTRACT Issue, transfer, or shipment is not subject to specialized controls other than those imposed by Integrated Materiel Manager/Army supply policy. 1. The item is centrally procured, but not stocked. 2. Issue is by direct shipment from the vendor to the user at the order of the ICP or IIMM. 3. Requisitions and fund citations will be submitted in accordance with Integrated Material Manager/Army requisitioning procedures.</p>
<p>NOTE GSA Federal supply schedule items are excluded.</p>	
I	<p>DIRECT ORDERING FROM A CENTRAL CONTRACT Issue, transfer, or shipment is not subject to specialized controls other than those imposed by Integrated Manager/services supply policy. The item is covered by a centrally issued contractual document which permits using activities to place order directly on vendors for direct delivery to the user.</p>
<p style="text-align: center;">NOTE</p> <p>The Source of Supply shown in positions 30-32 of the Item Data Segment will be a Defense Supply Agency (DSA) Center, i.e., S9C, S9I, S9G, etc., with the Special Requirements Code "D" in position 66 of the Item Data Segment, which designates the Source of Supply Modifier "JDS" identifying DSA supply schedule items</p>	

Table D-1. Acquisition Advice Codes (AAC)--Continued  
(Ref. AR 708-1)

Code	Explanation
J	<p>NOT STOCKED, LONG LEAD TIME</p> <p>IIAM/Service centrally managed, but not stocked, item. Procurement will be initiated only after receipt of a requisition.</p>
K	<p>CENTRALLY STOCKED FOR OVERSEAS ONLY</p> <p>Main means of supply is local purchase. Item is stocked in domestic supply system for those overseas activities unable to procure locally due to nonavailability of procurement sources or where local purchase is prohibited (e.g., ASPR; flow of gold; or by internal military services restraints). Requisitions will be submitted by overseas activities in accordance with army requisitioning procedures.</p> <p>NOTE</p> <p>CONUS activities will obtain support through local procurement procedures.</p>
L	<p>LOCAL PURCHASE</p> <p>DSA/GSA/Service managed items authorized for local purchase, as a normal means of support at base, post, camp, or station level. Item not stocked in Wholesale Distribution System or Integrated materiel/Manager/Service Inventory Control Point. Refer to codes listed in positions 66 of the IDS for applicable source of supply modifiers.</p>
M	<p>RESTRICTED REQUISITIONS--MAJOR OVERHAUL</p> <p>Items (assemblies and/or component parts) which for lack of specialized tools, test equipment, etc., can be used only by major overhaul activities. Base, post, camp, or station activities will not requisition unless authorized to perform major overhaul function.</p>
N	<p>RESTRICTED REQUISITIONING—DISPOSAL</p> <p>Discontinued items no longer authorized for issue except on the specific approval of the service inventory manager. Requisitions may be submitted in accordance with service requisitioning procedures in instances where valid requirements exist and replacing item data has not been furnished.</p>
O	<p>PACKAGED FUELS--DSA MANAGED AND SERVICE REGULATED</p> <ol style="list-style-type: none"> <li>1. Item will be centrally procured in accordance with DOD 4140.25M but not stocked by IMM. Long lead time required.</li> <li>2. Requirements will be satisfied by direct shipment to the user either from a vendor or from service assets at the order of the ICP or IMM.</li> <li>3. Requirements and/or requisitions will be submitted in accordance with service procedures.</li> </ol>
P	<p>RESTRICTED REQUISITION--MILITARY ASSISTANCE PROGRAM (MAP)</p> <p>Indicates item is stocked only for MAP requirements. Base, post, camp, or stations will not requisition.</p>

Table D-1. Acquisition Advice Codes (AAC)--Continued  
(Ref. AR 708-1)

Code	Explanation
Q	<p>BULK PETROLEUM PRODUCTS OSA MANAGED</p> <ol style="list-style-type: none"> <li>1. Item may be either centrally stocked or available by direct delivery under a central contract.</li> <li>2. Requirements will be submitted by military services in accordance with IMM procedures.</li> <li>3. Item will be supplied in accordance with DOD 4140.25M.</li> </ol>
R	<p>RESTRICTED REQUISITION--GOVERNIAENT FURNISHED MATERIAL (GFM)</p> <p>Indicates item is centrally procured as GFM in connection with the manufacture of military items. Base, post, camp, or stations will not requisition.</p>
S	<p>RESTRICTED REQUISITIONING--OTHER SERVICE FUNDED</p> <p>For service managed items whereby the issue, transfer, or shipment is subject to specialized controls of the funding military service.</p> <ol style="list-style-type: none"> <li>1. Item is procured by Army for the funding military service and is centrally managed by the funding service.</li> <li>2. The procuring military service has no requirement in its logistic system for the item.</li> </ol>
T	<p>CONDEMNED</p> <p>Items no longer authorized for procurement, issue, use, or requisitioning.</p>
V	<p>TERMINAL ITEM</p> <p>Identifies items in stock; but future procurement is not authorized.</p> <p>Requisitions may continue to be submitted until stocks are exhausted.</p> <p>Preferred items NSN normally provided by the application of the phrase, "When Exhausted Use."</p> <p>Requisitions will be submitted in accordance with IMM/Army requisitioning procedures as applicable.</p>
W	<p>RESTRICTED REQUISITIONING--SPECIAL INSTRUCTIONS APPLY</p> <p>Indicates stock number has been assigned to a generic item for use in bid invitations, allowance lists, etc., against which no stocks are ever recorded. Requisitions will be submitted only in accordance with IMM/Army requisitions procedures. (This code will be used, when applicable, in conjunction with phrase code "S" (stock as). It is considered applicable for use when a procurement source(s) becomes available. (The phrase code "S" and the applicable "Stock as" stock number(s) will then be applied for use in stock, store, and issue actions.)</p>
X	<p>SEMIACTIVE ITEM--NO REPLACEMENT</p> <p>A potentially inactive stock number which must be retained in the supply system as an item of supply because (1) stocks of the item are on hand or in use below the wholesale level and (2) the item is reflected in Equipment Authorization Documents, TOE, TA, TM, etc., or "in use" assets are being reported.</p>



Table D-1. Acquisition Advice Codes (AAC)--Continued  
(Ref. AR 708-1)

Code	Explanation
	<ol style="list-style-type: none"> <li>1. Items are authorized for central procurement but not authorized for stockage at wholesale level.</li> <li>2. Requisitions for "in use" replacement will be authorized in accordance with Army directives.</li> <li>3. Requisitions may be submitted as requirements generate. Repetitive demands may dictate an AAC change to permit wholesale stockage.</li> </ol>
Y	<p>TERMINAL ITEM</p> <p>Further identifies AAC "V" items on which wholesale stocks have been exhausted. Future procurement not authorized.</p> <ol style="list-style-type: none"> <li>1. Requisitions will not be processed to the wholesale suppliers.</li> <li>2. Requisitioning may be continued in accordance with Army requisitioning policies.</li> </ol>
	<p style="text-align: center;">NOTE</p> <p>AAC "Y" will be used to identify DOD nonstandard items (which are not to be requisitioned by Army activities), although in some instances the integrated manager may continue to procure, stock, and supply non-Army agencies.</p>
Z	<p>INSURANCE/NUMERIC STOCKAGE OBJECTIVE ITEM</p> <p>Items which may be required occasionally or intermittently, and prudence requires that a nominal quantity of material be stocked due to the essentiality or the lead time of the item.</p> <ol style="list-style-type: none"> <li>1. The item is centrally managed, stocked, and issued.</li> <li>2. Requisitions will be submitted in accordance with IMM/Army requisitioning procedures.</li> </ol>

Table D-2. Condition Codes<sup>1</sup>  
(Ref. AR 702-25)

Code	Explanation
A	<p>SERVICEABLE (ISSUABLE WITHOUT QUALIFICATION) New, used, repaired, or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction. Includes sets, kits, components, and end items which are complete with accountable components and basic issue items (BII). Anticipated requirements at time of issue to increase the level of preservation and/or packing <i>does not</i> render the materiel unserviceable and, therefore, <i>does not</i> restrict classification in condition code A.</p>
B	<p>SERVICEABLE (ISSUABLE WITH QUALIFICATION) New, used, repaired, or reconditioned materiel which is serviceable and issuable for its intended purpose but which is restricted from issue to specific units, activities, or geographical areas by reason of its limited usefulness or short service-life expectancy. (The item manager will prescribe the limits of usefulness or criteria for determining short shelf-life by specific commodity or by specific item for inclusion within this code.) Includes shelf-life items with less than six months life remaining.</p>
C	<p>SERVICEABLE (PRIORITY ISSUE) Items which are serviceable and issuable to selected customers but which must be issued before condition A and B materiel to avoid loss as a usable asset. Includes shelf-life items with less than three months life remaining.</p>
D	<p>SERVICEABLE (TEST/MODIFICATION) Serviceable materiel which requires test, alteration, modification, conversion, or disassembly. (This does not include items which can be inspected or tested within normal outloading time immediately prior to issue.)</p>
E	<p>UNSERVICEABLE (LIMITED RESTORATION) Materiel which involves only limited expense or effort to restore to serviceable condition and which is accomplished in the storage activity. (Limited expense or effort is defined as that which is allowable for expenditure by the care and preservation activity under current policies.) Includes materiel which is determined at time of inspection to be physically unserviceable for issue due to corrosion, deterioration, or minor damage which can be restored to a serviceable and</p>

<sup>1</sup>Condition codes are used to identify materiel items to the degree of service- ability, condition, and completeness in terms of readiness for issue and use or to identify actions under way to change the status of materiel.

Table D-2. Condition Codes--Continued  
(Ref. AR 702-25)

Code	Explanation
	issuable condition by cleaning, preservation/represervation, and/or minor repair within the capability of the storage activity. <i>Excludes</i> materiel that may require a higher level of protection at time of issue. <sup>2</sup>
F	UNSERVICEABLE (REPAIRABLE) Economically repairable materiel which requires repair, reconditioning, or overhaul. (Includes repairable items which are radioactively contaminated.)
G	UNSERVICEABLE (INCOMPLETE) Materiel requiring additional parts or components to complete the end item prior to issue. (Applies to major/end items that are complete with all specified components and meet the prescribed serviceability standards, but lack BII.)
H	UNSERVICEABLE (CONDEMNED) Materiel which has been determined to be unserviceable and does not meet repair criteria (includes condemned items which are radioactively contaminated).
I	Not to be assigned.
J	SUSPENDED (I11 STOCK) Materiel in stock which has been suspended from issue pending condition classification or analysis, where the true condition is not known. (Includes items not proof-accepted, ammunition lines awaiting evaluation of test results, and the ammunition items that are overdue for test. Excludes returns unclassified as to condition (condition K).)
K	SUSPENDED (RETURNS) Materiel returned from customers and users suspended from issue pending inspection and/or condition classification. (Includes items that have been identified by stock number and item name, but not examined for condition. Stocks in this condition code will be inspected and properly classified as to condition in accordance with allowable time standards as established in AR 725-50. When more time is required as a result of receipts in large quantities, lack of facilities, nonavailability of personnel, or other extenuating circumstances, an extension of time may be granted by the applicable accountable supply distribution activity.)

<sup>2</sup>Denotes AMC internal amplification/clarification which has been added to further refine the basic definitions contained in AR 725-50, appendix AB.

Table D-2. Condition Codes--Continued  
(Ref. AR 702-25)

Code	Explanation
L	<p>SUSPENDED (LITIGATION) Includes assets received from procurement or other sources which contain shortages, overages, defects, or other conditions requiring negotiation or litigation with procurement sources or common carrier to determine responsibility or liability for corrective action. Includes assets held in a frozen status pending the result of a report of survey.</p>
M	<p>SUSPENDED (IN WORK) Materiel identified on inventory control record but which has been delivered to and accepted by an Army or DOD maintenance facility or at a contractor's plant for processing.</p>
N	Does not apply to General Supplies.
O	Not assigned. Reserved for future DOD assignment.
P	<p>(UNSERVICEABLE RECLAMATION) Materiel determined to be unserviceable, uneconomically repairable as a result of physical inspection, teardown, or engineering decision. It contains serviceable components or assemblies to be reclaimed.</p>
Q to Z	Not assigned. Reserved for future DOD assignment.
O to 9	Not assigned. Reserved for future DOD assignment.

Table D-3. Quality Defect Codes (QDC) I

Code	Definition
<u>First Digit - Severity Code</u>	
0	Critical significance
1	Major significance
2	Minor significance
<u>Second and Third Digit - Defect Group</u>	
<i>Group 0 - Cleaning, Preservative Application, Plating, or Other Processing</i>	
00	Appearance (paint runs, overspray, not uniform, not up to standard).
01	Cleaning improper or inadequate.
02	Preservation improper or inadequate.
03	Wrapping improper or inadequate.
04	Protection afforded not compatible with mode of shipment, type of shipment, destination, or other environment.
05	Inadequate coverage or improper thickness
06	Improper and inadequate preparation.
07	Wrong type, method, and color.
08	Drying improper or inadequate.
09	Reserved for future use.
<u>Group 1 - Preservation</u>	
10	No packaging applied.
11	Sealing defective (bags or containers).
12	Failed pressure retention, leak, or other test.
13	Container damaged or deteriorated.
14	Protection not compatible with mode of shipment, type of shipment, destination, or other environment.
15	Wrong level applied.
16	Containers or other packaging materials do not meet specifications (size, type, class, style, etc.)
17	Wrong quantity per unit package. (Chargeable as one defect per pack. Major if shortage--minor if overage.)
18	Reserved for future use.
19	Reserved for future use.
<u>Group 2 - Packing and Loading</u>	
20	Improper loading, blocking, bracing, tiedown, etc.
21	Stapling, nailing, strapping, and/or banding improper or inadequate.
22	Excessive weight of cube for containers.
23	Containers, boxes, crates, or pallets damaged or deteriorated.

<sup>1</sup> Quality defect codes are applicable for the acceptance/rejection of material items inspected during various storage/depot inspection or testing phases (i.e., on receipt, during audit).

Table D-3. Quality Defect Codes (QDC)--Continued

Code	Definition
<i>Group 2 - Packing and Loading--Continued</i>	
24	Intermediate or exterior container protection not compatible with mode of shipment, type of storage, destination, or other environment.
25	Wrong level applied.
26	Containers, boxes, crates, or pallets do not meet specifications.
27	Wrong quantity per intermediate or exterior container (chargeable as one defect per container. Major if shortage--Minor if overage).
28	Reserved for future use.
29	Reserved for future use.
<i>Group 3 - Marking and Labeling</i>	
30	Packaging and packing (P/P) level marking omitted, illegible, or incorrect.
31	Labels omitted, illegible, or incorrect.
32	Special marking omitted, illegible, or incorrect.
33	Description or identification marking omitted, illegible, or incorrect (stock number, quantity, unit of issue, contract data, condition code, etc.)
34	Address marking omitted, illegible, or incorrect.
35	Marking improperly located or wrong method of marking used.
36	Reserved for future use.
37	Reserved for future use.
38	Reserved for future use.
39	Reserved for future use.
<i>Group 4 - Material Deficiencies</i>	
40	Parts, components, and/or controls (loose, improperly installed or assembled, out of adjustment, fit, or failed to function properly).
41	Damaged or defective item or parts (bent, broken, scratched, chipped, marred, cracked, warped, torn, stripped, crimped, burned, twisted, burned out, perforated, pitted).
42	Does not meet specified tolerances or requirements. (Dimensional, finish, strength, torque, output, volume, color, stretch, size, illumination, weight.)
43	Parts or components missing.
44	Wrong part or component (found installed on each item or other assembly, or used to make up set or kit).
45	Leak (liquid), gasoline, diesel, oil, water, etc.
46	Lead (vapor), air or gas (nitrogen, oxygen, hydrogen, etc.).
47	Modification work order incomplete, improperly applied, or missing.
48	Soldering, welding, brazing, metallizing, or bonding defect.
49	Reserved for future use.
<i>Group 5 - Material Deficiencies</i>	
50	Contamination (contains dirt, sludge, moisture, or other foreign matter).
51	Excessive moisture, fungus, mildew, rot, infestation, weather cracks.
52	Improperly classified.

Table D-3. Quality Defect Codes (QDC)--Continued

Code	Definition
<i>Group 5 - Material Deficiencies--Continued</i>	
53	Test/research required to determine true condition classification (assign code J or code K, as applicable). (Chargeable as one minor defect per line item.)
54	Material marking missing or incorrect (serial number, data plate, piece mark, cure data, etc.) (Chargeable as minor defect if correct item shipped; major if wrong item shipped.)
55	Shelf life date exceeded.
56	Wrong item received or selected for shipment.
57	Lubrication (improper, incomplete).
58	Improper identification.
59	Other.
<i>Group 6 - Functional Certification, or Performance Test</i>	
60	Required test not accomplished.
61	Failed test requirements (hydraulic).
62	Failed test requirements (electrical or electronic).
63	Failed test requirements (environmental).
64	Failed test requirements (mechanical).
65	Failed test requirements (pressure).
66	Failed certification or laboratory test.
67	Excessive heat and/or noise during operational test.
68	Parts or components damaged (due to functional failure) during end item or component test.
69	Reserved for future use.
<i>Group 7 - Document, Recording, or Routing Deficiencies</i>	
70	Wrong count (shortage). (Chargeable as one major defect per line item if value of quantity short is \$200 or more; minor defect if less than \$200.)
71	Wrong count (overage). (Chargeable as one major defect per line item if value of quantity over is \$200 or more; minor defect if less than \$200.)
72	Improper routing or process planning. (Chargeable as one minor defect per line item.)
73	Mixed material (two or more stock numbers recorded under the same stock number). (Chargeable as one minor defect per line item.)
74	Historical records (including the Army Maintenance Management System (TAMMS) missing, incorrect, or incomplete'
75	Contract, specifications, receiving reports, or other required documents incorrect, incomplete, not available or changes not with contract. (Chargeable as one minor defect per line item.)
76	Contract specifications or other required documents inadequate for inspection or acceptance purposes. (Chargeable as one minor defect per line item.)
77	Material not segregated (serviceable and unserviceable items intermingled. (Chargeable as one major defect per line item.)

Table D-3. Quality Defect Codes (QDC)--Continued

Code	Definition
<i>Group 7 - Document, Recording, or Routing Deficiencies--Continued</i>	
78	Stock selection deficiency (first-in/first-out (FI/FO)). (Chargeable as one minor defect per line item.)
7	Reserved for future use.
<i>Group 8 - Storage Deficiencies</i>	
80	Improper or inadequate stacking or storing. (Chargeable as one major defect per line item.)
81	Facility deficiencies: room leaking, grid marking incorrect, equipment deficiencies, etc. (Chargeable as one major defect per line item.)
82	Improper pallet count on quantities in location, inventory defects. (Chargeable as one minor defect per line item.)
83	Improper marking or placarding. (Chargeable as one minor defect per line item.)
84	Material mislocated. (Chargeable as one major defect per line item.)
85	Handling deficiencies (storage). (Chargeable as one minor defect per line item.)
86	Improper storage space. (Chargeable as one major defect per line item.)
87	Reserved for future use.
88	Reserved for future use.
89	Reserved for future use.
<i>Group 9 - Miscellaneous</i>	
90	Stage I - Corrosion - discoloration, staining. No direct visual evidence of pitting, etching, or other surface damage.
91	Stage II - Corrosion - loose rust, black or white corrosion accompanied by Minor etching and pitting of surface. No scale or tight rust.
92	Stage III - Corrosion - rust, black or white corrosion accompanied singly or in combination with etching, pitting, or more extensive surface damage. Loose or granular condition.
93	Stage IV - Corrosion - rust, black or white corrosion progressed to the point where fit, wear, function, or life of the item has been affected. Powdered or scaly condition, with pits or irregular areas of material removed from surface of item.
94	Reserved for future use.
95	Reserved for future use.
96	Reserved for future use.
97	Reserved for future use.
98	Reserved for future use.
99	Reserved for future use.

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# THE METRIC SYSTEM AND EQUIVALENTS

## WEIGHT MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches  
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches  
 1 Kilometer = 1000 Meters = 0.621 Miles

## WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces  
 1 Kilogram = 1000 Grams = 2.2 lb.  
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

## LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces  
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

## SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches  
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet  
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

## CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches  
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

## TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$   
 212° Fahrenheit is equivalent to 100° Celsius  
 90° Fahrenheit is equivalent to 32.2° Celsius  
 32° Fahrenheit is equivalent to 0° Celsius  
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

## APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
its	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621



**PIN: 053352-000**