TECHNICAL MANUAL

# ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS FOR RADIO SET AN/GRC-165 (NSN 5820-00-935-8038)

HEADQUARTERS, DEPARTMENT OF THE ARMY

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# REPAIR PARTS AND SPECIAL TOOLS LISTS
# FOR
# RADIO SET AN/GRC-165
# (NSN 5820-00-935-8038)

Current as of 1 July 1976

**REPORTING OF ERRORS**

You can improve this manual by recommending improvements using DA Form 2028-2 (Test) located in the back of the manual. Simply tear out the self-addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail. If there are no blank DA Form 20282 (Test) in the back of your manual, use the standard DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forward to the Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ 07703. In either case a reply will be furnished direct to you.

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## SECTION I

## INTRODUCTION

**1. Scope**

This manual lists repair parts required for performance of organizational maintenance of the AN/GRC-165.

**2. General**

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence.

b. Section III. Special Tools List. Not applicable.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

**3. Explanation of Columns**

The following provides an explanation of columns found in the tabular listings: a. Illustration. This column is divided as follows:

(1) Figure number. Indicates the figure number of the illustration in which the item is shown.

(2) Item number. The number used to identify each item called out in the illustration. b. Source, Maintenance, and Recoverability Codes (SMR).

(1) Source code. Source codes are assigned to sup- port items to indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code Definition

PA--Item procured and stocked for anticipated or known usage.

PB- Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply system.

XD-A support item which is not stocked. When required, item will be procured through normal supply channels. PD- Support item, excluding support equipment,

Code Definition

cured for initial issue or outfitting and stocked only for subsquent or additional initial issues or outfittings. Not subject to automatic re- plenishment.

(2) Maintenance code. Maintenance codes are as- signed to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code Application/Explanation

C-Crew or operator maintenance performed within organizational maintenance.

O-- Support item is removed, replaced, used at the organizational level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code Application/Explanation

F- The lowest maintenance level capable of complete repair of the support item is the direct support level.

D-- The lowest maintenance level capable of complete repair of the support item is the depot level, per- formed by depot.

Z - Nonreparable. No repair is authorized.

(3) Recoverability code. Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability Definition codes

Z-Nonrepairable item. When unserviceable, condemn and dispose at the level indicated in position 3.

D- Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

F- Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.