ARMY **TM 11-5820-882-23P**

MARINE CORPS **SL-4-06827A**

TECHNICAL MANUAL

ORGANIZATIONAL AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

FOR

RADIO SET AN/PRC-68

(NSN 5820-01-079-9260)

This Copy is a reprint which includes current pages from Change 1.

DEPARTMENT OF THE ARMY, AND THE NAVY

13 JANUARY 1982

TECHNICAL MANUAL

No. 11-5820-882-23P (Army)

No 4-06827A (Marine Corps)

DEPARTMENT OF THE ARMY
AND
THE MARINE CORPS

WASHINGTON, DC, 13 *January 1982*

ORGANIZATIONAL, DIRECT SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)
FOR
RADIO SET AN/PRC-68
(NSN 5820-01-079-9260)

Current as of 11 September 1981

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms) , or DA Form 2028-2 located in back of this manual direct to Commander, US Army Communications-Electronics Command ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.

Marine Corps Units should submit NAVMC10772.

In either case, a reply will be furnished direct to you.

Table of Contents

			Page	Illus Figure
SECTION	I.	Introduction	1	
	II.	Repair Parts List	5	
Group	00	Test Set AN/PRC-68	5	1
	01	Receiver-Transmitter RT-1113/PRC-68 (Unit 1)	7	2
		0101 Frame/Panel Assembly (lab)	9	3
		Frame Assembly (lA1Al)	11	4
		Panel Assembly (lAlA3)	15	5
		Selector Switch Assembly (lAlA3A3)	17	6
		Synthesizer Module 917327-803 (No parts authorized)		
		Converter Module 917828-803 (No parts authorized)		
		Filter/IF Module 917829-803 (No parts authorized)		
		IF/AF Module 917830-803 (No parts authorized)		
		Transmitter Module 917832-803 (No parts authorized)		
		VCO Module 917833-803 (No parts authorized)		
		MOD/MIX 917834-803 (No parts authorized)		
		Antenna Coupler 910800-803 (No parts authorized)		
Group	99	Bulk Materials	18	
SECTION	III.	Special Tools List (Not applicable)		
	IV.	National Stock Number and Part Number Index	19	

SECTION I
INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, and direct support maintenance of the AN/PRC-68. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

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

a. Section II. Repair Parts List. A list of spares and 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 numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN 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 alphameric 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

a. Illustration. This column is divided as follows:

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

(2) *Item number.* The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) *Source code.* Source codes 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.

PD—Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.

MD—Item to be manufactured or fabricated at the depot maintenance level.

XA—Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

XB—Item is not procured or stocked. If not available through salvage, requisition.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned 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*

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

H—Support item is removed, replaced, used at the general support level.

D—Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

(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*

D—The lowest maintenance level capable of complete repair of the support item is the depot level.

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 Codes — *Definition*

Z—Nonreparable 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