

TECHNICAL MANUAL

**ORGANIZATIONAL, DIRECT SUPPORT, AND
DEPOT MAINTENANCE REPAIR PARTS AND
SPECIAL TOOLS LISTS**

FOR

**RADIO SET AN/ARC-54
(NSN 5821-00-082-3598)**

HEADQUARTERS, DEPARTMENT OF THE ARMY

27 DECEMBER 1985

TECHNICAL MANUAL }
No. 11-5821-244-34P }

HEADQUARTERS
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Washington, DC, 27 December 1985

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Current as of 12 March 1985

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 the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, New Jersey 07703-5007. A reply will be furnished direct to you.

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*This manual supersedes TM 11-5821-244-34P, 28 September 1971.

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SECTION I

INTRODUCTION

1. Scope

This appendix lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and depot maintenance of the Radio Set AN/ARC-54. It authorizes 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.

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:

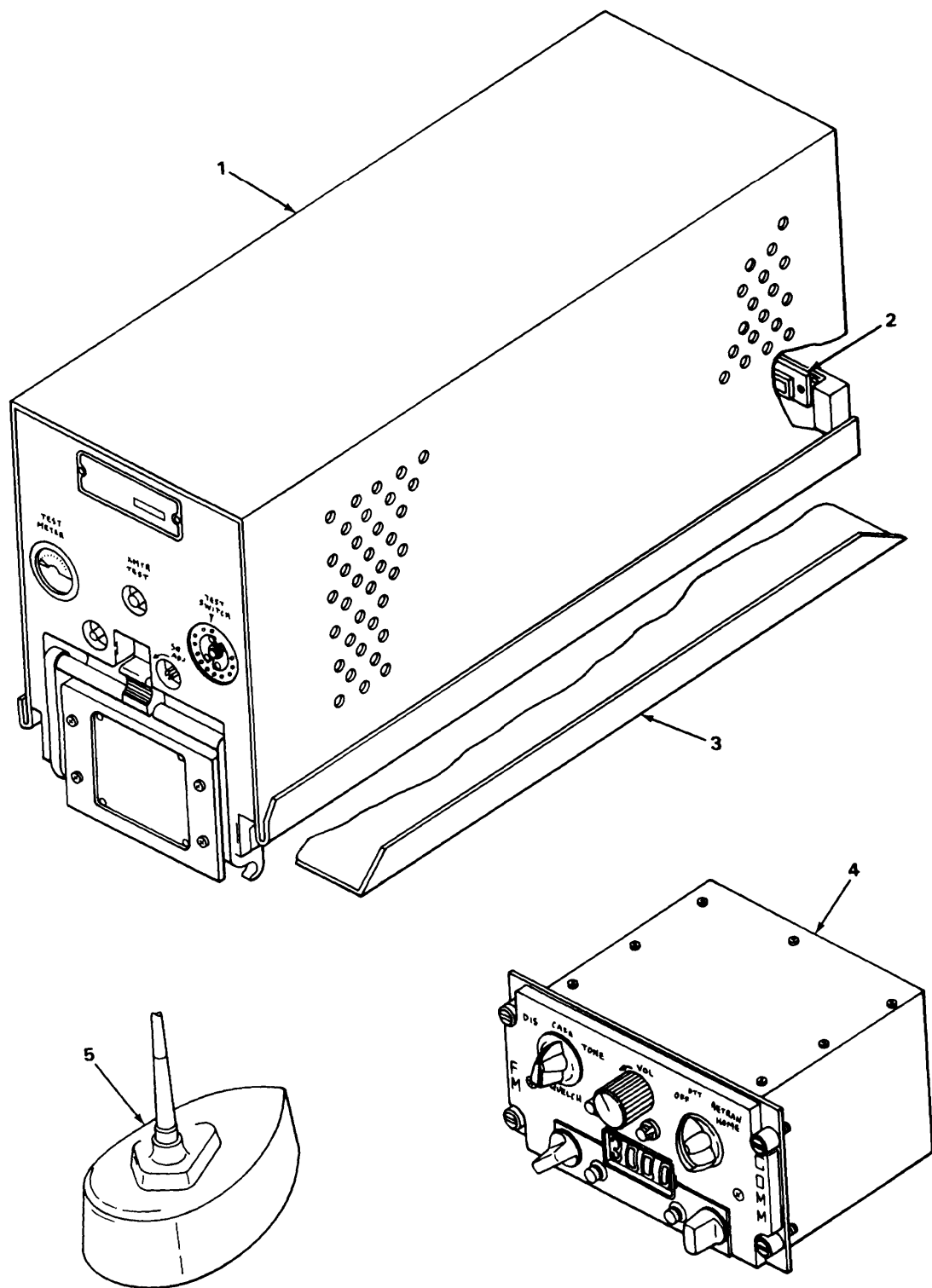
Code	Definition
PA	Item procured and stocked for anticipated or known usage.
XB	Item included in both a depot overhaul/repair kit and a maintenance kit.

(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.
F	Support item is removed, replaced, used at the direct support level.
D	Support items that are removed, replaced, used at depot, mobile depot, or 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:



EL900001

Figure 1. Radio Set AN/ARC-54.

SECTION II

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(1) ILLUS- TRATION (a) FIG. NO.		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	REPAIR PARTS LIST		(6) DESCRIPTION USABLE ON CODE	(7) U\M	(8) QTY INC IN UNIT
(b) ITEM NO.				(4) FSCM	(5) PART NUMBER			
GROUP 01 RADIO SET AN/ARC-54								
1	1	XBOFF		80063	SM-D-549669	REC-TRANS RADIO (SEE FIGURE 3 FOR BREAKDOWN)	EA	1
1	2	PAOFF	5935-00-695-4914	80063	SMB504709	CONNECTOR ASSEMBLY (SEE FIGURE 43 FOR BREAKDOWN)	EA	1
1	3	XBOFF		80063	SM-B-506292	MOUNTING ASSEMBLY (SEE FIGURE 42 FOR BREAKDOWN)	EA	1
1	4	XBOFF		80063	SM-B-506294	CONTROL RADIO SET (SEE FIGURE 2 FOR BREAKDOWN)	EA	1
1	5	XBOFF		80063	SM-B-381497	COUPLER,ANTENNA (SEE FIGURE 44 FOR BREAKDOWN)	EA	1