

**DIRECT SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
RADIO SETS**

**AN/PRC-119F
(NSN 5820-01-451-8252) (EIC: N/A)**

**AN/VRC-87F
(NSN 5820-01-451-8248) (EIC: N/A)**

**AN/VRC-88F
(NSN 5820-01-452-8435) (EIC: N/A)**

**AN/VRC-89F
(NSN 5820-01-451-8247) (EIC: N/A)**

**AN/VRC-90F
(NSN 5820-01-451-8246) (EIC: N/A)**

**AN/VRC-91F
(NSN 5820-01-451-8249) (EIC: N/A)**

**AND
AN/VRC-92F
(NSN 5820-01-451-8250) (EIC: N/A)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY
30 November 2002**

Technical Manual

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HEADQUARTERS,
Department of the Army
Washington, D.C., 30 November 2002

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Current as of 1 August 2002

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 and Fort Monmouth, ATTN: AMSEL-LC-LEO-D-CS-CFO, Fort Monmouth, New Jersey 07703-5006. The fax number is 732-532-1413, DSN 992-1413. You may also e-mail your recommendations to AMSEL-LC-LEO-PUBS-CHG@cecom3.monmouth.army.mil

A reply will be furnished direct to you.

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SECTION I INTRODUCTION

1. Scope

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of unit and direct support maintenance of AN/PRC-119F, AN/VRC-87F, AN/VRC-88F, AN/VRC-89F, AN/VRC-90F, AN/VRC-91F, and AN/VRC-92F. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) 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 by this RPSTL 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 numeric sequence, with the parts in each group listed in ascending item number sequence. Figure numbers are listed directly beneath the group header. Repair part kits are listed separately in their own functional group within section II. Repair parts for reparable special tools are also listed in this section. Items are shown on the associated illustration.

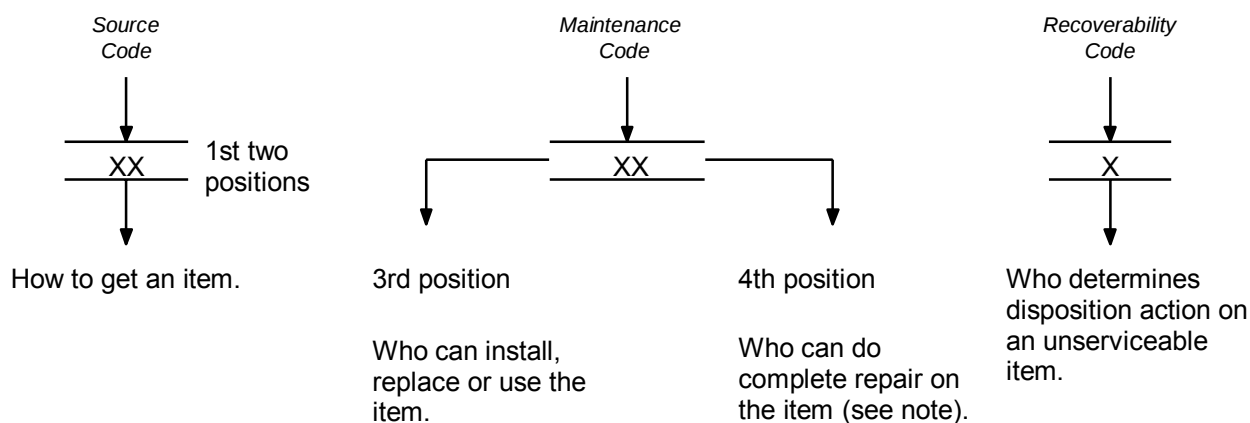
b. Section III, Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE (UOC) column (5) for the performance of maintenance.

c. Section IV. Cross-Reference Indexes. There are two cross-reference indexes in this RPSTL: the National Stock Number Index and the Part Number Index. The National Stock Number Index refers you to the figure and item number. The Part Number Index refers you to the figure and item number.

3. Explanation of Columns (Sections II and III)

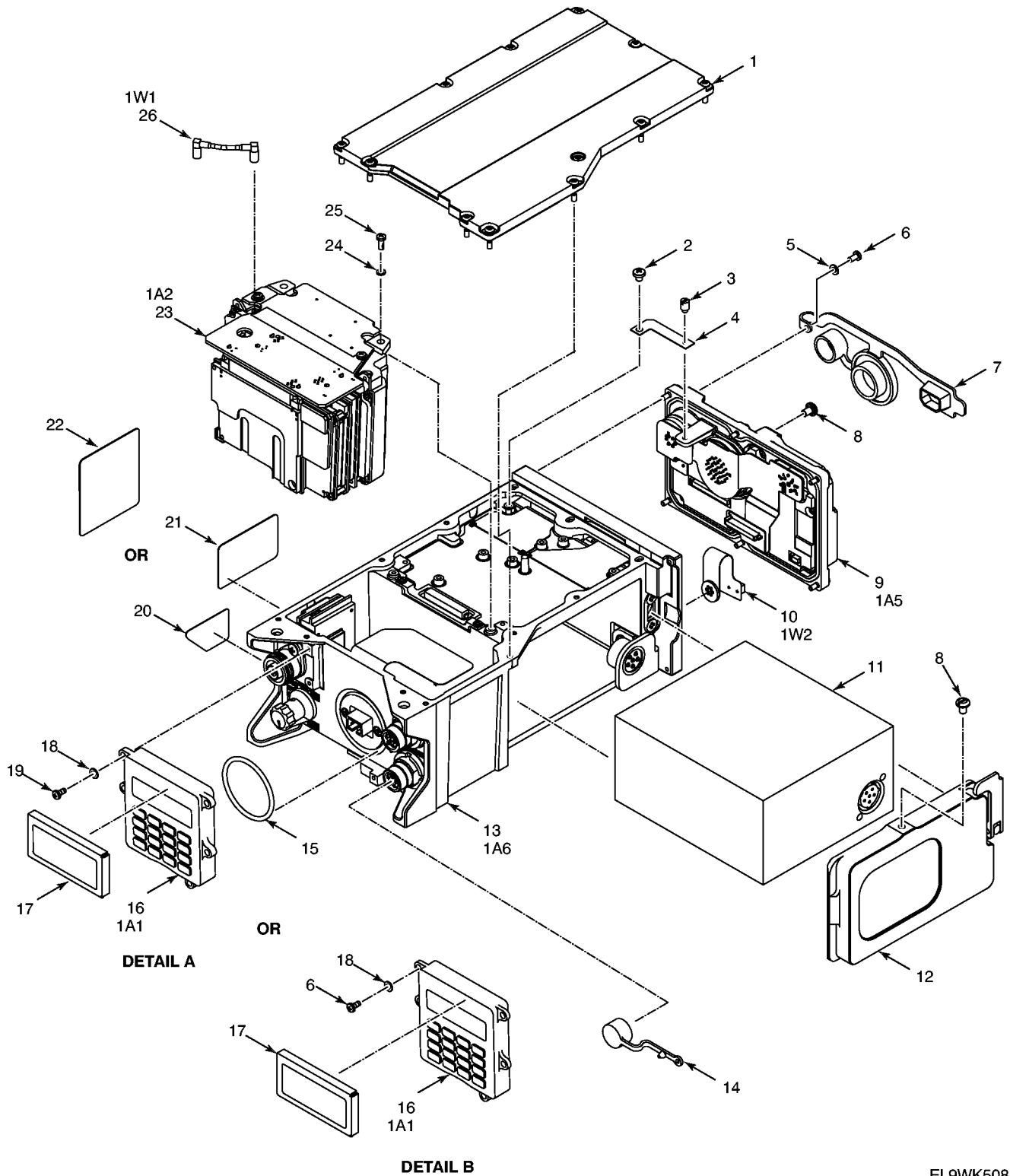
a. Item No. (Column (1)). Indicates the number used to identify items called out in the illustration.

b. SMR CODE (Column (2)). The source, maintenance, and recoverability (SMR) code is a five-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction as shown in the following breakout:



NOTE

Complete repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.



EL9WK508

Figure 2. Radio Receiver-Transmitter RT-1523E(C)/U

SECTION II			TM11-5820-890-30P-3			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM	SMR			PART		
NO	CODE	NSN	CAGEC	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY

GROUP 64 RADIO RECEIVER-TRANSMITTER
RT-1523E(C)/U

FIGURE 2

1	PAFFF	5895014793963	80063	A3266159-1	COVER,ELECTRONIC CO (SEE FIGURE 9 FOR BREAKDOWN).....	1
2	PAFZZ	5305014644908	80063	A3271256-1	SCREW,TAPPING,THREA.....	1
3	PAFZZ	5305014639206	80063	A3256739-1	SCREW,SELF-LOCKING.....	1
4	PAFZZ	5340014642857	80063	A3266356-1	BRACKET,MOUNTING.....	1
5	PAOZZ	5310001943647	80205	MS15795-803B	WASHER,FLAT.....	1
6	PAOZZ	5305014634307	80205	NAS1635-04LR5P	SCREW,MACHINE (QTY 5 USED WITH DETAIL B).....	6
7	PAOZA	5340014620317	80063	A3266219-1	CAP,PROTECTIVE,DUST.....	1
8	PAOZZ	5305012000197	80063	A3013151-1	SCREW,SEAL.....	2
9	XBFFF		80063	A3266146-1	REAR COVER ASSEMBLY (SEE FIGURE 6 FOR BREAKDOWN).....	1
10	PAFZA	5995014617547	80063	A3272569-1	CABLE ASSEMBLY,PRIN.....	1
11	PCOZA	6135014389450	80063	BA-5590B/U	BATTERY,NONRECHARGE.....	1
12	PA000	6160014619622	80063	A3266163-1	COVER,BATTERY BOX (SEE FIGURE 10 FOR BREAKDOWN).....	1
13	XBFFF		80063	A3266099-1	CHASSIS ASSEMBLY (SEE FIGURE 7 FOR BREAKDOWN).....	1
14	PAOZZ	5340013464291	80063	A3132871-2	CAP,PROTECTIVE,DUST.....	2
15	PAFZA	5331014706782	80063	A3266162-8	O-RING.....	1
16	PAFFF	5895014559642	80063	A3266120-1	KEYBOARD,DATA ENTRY (DETAIL A SHOWS THICK TAB, 3/16 INCH. IT IS REPAIRABLE WITH REPAIR KIT NSN 5895-01-484-6837 IAW TB 11-5820-890- 30-4. DETAIL B SHOWS THIN TAB, 1/8 INCH. IT IS NOT REPAIRABLE AND MUST BE REPLACED.).....	1
17	PAOZZ	5895014736804	80063	A3271382-1	COVER,ELECTRONIC CO (DKA COVER ASSEMBLY).....	1
18	PAFZZ	5310014650855	80063	A3019079-2	WASHER,FLAT.....	5
19	PAFZZ	5305013738817	80205	NAS1635-04LR6P	SCREW,MACHINE (USED WITH DETAIL A).	5
20	XBFZZ		80063	A3018731-4	PLATE,IDENTIFICATIO (SERIAL NUMBER EFFECTIVITY 011001 THRU 024000).....	1
21	XBFZZ		80063	A3191082-3	PLATE,IDENTIFICATIO (SERIAL NUMBER EFFECTIVITY 000001 THRU 024000).....	1
22	XBFZZ		80063	A3272669-1	PLATE,IDENTIFICATIO (SERIAL NUMBER EFFECTIVITY 024001 AND SUBSEQUENT)..	1
23	XBFFA		80063	A3266121-1	ELECTRONIC ASSEMBLY (SEE FIGURE 3 FOR BREAKDOWN)(RETURN TO DEPOT FOR DISPOSAL).....	1
24	PAFZZ	5310000570573	80205	NAS620C4	WASHER,FLAT.....	2
25	PAFZZ	5305012043017	80205	NAS1635-04LR5	SCREW,CAP, SOCKET HE.....	2
26	PAFZA	5995014619777	80063	A3266184-1	CABLE ASSEMBLY,RADI.....	1

END OF FIGURE