

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LIST

FOR

SIGNAL GENERATOR, MCL, MODEL 15122

APN MIS-35936/1

NSN 4931-01-019-7939

Current as of 18 July 1986

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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*This manual supersedes TM 9-4931-494-34P, 30 September 1976.

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LIST

SECTION I. INTRODUCTION

1. Scope. This RPSTL lists and authorizes spares and repair parts required for performance of direct and general support maintenance of Signal Generator, MCL, Model 15122. It authorizes the requisitioning, issue, and disposition of spares and repair parts as indicated by the Source, Maintenance and Recoverability (SMR) codes.

2. General. In addition to this section I, Introduction, the 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. Parts lists are composed of functional groups in ascending numeric sequence. Parts are listed in alphabetical sequence within each figure number.

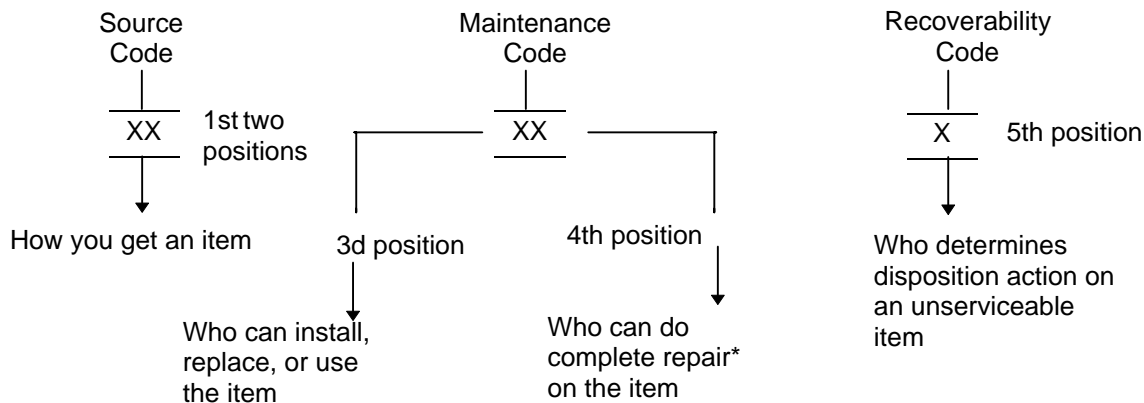
b. Section III. Special Tools List. Not applicable.

c. Section IV. National Stock Number and Part Number Index. A list, in National Item Identification Number (NIIN) sequence, of all National Stock Numbered (NSN) items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listing. NSN's and part numbers are cross-referenced to the figure and item number appearance.

3. Explanation of Columns (Section II)

a. Item No. (Column (1)). Indicates the number used to identify each item appearing in the listing.

b. SMR CODE (Column (2)). The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instructions as shown in the following breakdown:



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

(1) Source Code. The source code tells you how you get an item needed for maintenance, repair, or overhaul of an end item/equipment. Source codes are always the first two positions of the SMR code. Explanation of source codes follows:

Code	Explanation
PA	- Stocked items; use the applicable NSN to request/requisition items with this code. This item is authorized to the category indicated by the code entered in the 3d position of the SMR code.
XD	- Item is not stocked. Order an "XD" coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

(2) Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

(a) The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to the following level of maintenance.

Code	Application/Explanation
F	-Direct support level can remove, replace, and use the item.

(b) The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i.e., perform all authorized repair functions). This position will contain one of the following codes.

Code	Application/Explanation
F	-Direct support is the lowest level that can do complete repair of the item.
Z	-Nonreparable. No repair is authorized.

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

Recoverability Codes	Definition
Z	-Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
F	-Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support level.

c. FSCM (Column (3)). The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

d. PART NUMBER (Column (4)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE: When you use an NSN to requisition an item, the item you receive may have a different part number from the part ordered, but go ahead and use or furnish it as the replacement part.

e. DESCRIPTION AND USABLE ON CODE (UOC) (Column (5)). This column includes the following information:

(1) The Federal item name and, when required, a minimum description to identify the item.

(2) The usable on code, when applicable (see paragraph 5, Special Information).

f. QTY (Column (6)). The QTY (quantity per figure column) indicates the quantity of the item used in the parts list which is prepared for a functional group, subfunctional group, or an assembly.

4. Explanation of Columns (Section IV)

a. NATIONAL STOCK NUMBER (NSN) INDEX

(1) **STOCK NUMBER column.** This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN

NSN

(i.e., 5305-01-674-1467). When using this column to locate an item, ignore the first 4 digits of the

NIIN

NSN. However, the complete NSN should be used when ordering items by stock number.

(2) **FIG. column.** Indicates the figure number used to identify each item appearing in the listing. The figures are in numerical order in Section II.

(3) **ITEM column.** The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

b. PART NUMBER INDEX. Part numbers in this index are listed by part number in ascending alphanumeric sequence (i.e., vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

(1) **FSCM column.** The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

(2) PART NUMBER column. Indicates the primary number used by the manufacturer (individual, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

(3) STOCK NUMBER column. This column lists the NSN for the associated part number and manufacturer identified in the PART NUMBER and FSCM columns to the left. The part number line entry (with NSN, when available) identifies the first figure/item number appearance for which the part number is applicable. The part number is not listed for additional figure/item number appearances identified by that part number.

(4) FIG. column. This column lists the number of the figure where the item is located in Section II.

(5) ITEM column. The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

5. Special Information

a. Repair parts for components of standards sets which can be identified as existing in the supply system will be requisitioned through normal supply channels from the appropriate supply commodity manager.

b. Repair parts for components of standards sets which cannot be identified as to proper supply source will be requisitioned from USAMICOM, using routing identifier B64 and furnishing, as a minimum, the following as exception data.

(1) Component stock number of the individual end item to be repaired.

(2) Component manufacturer's equipment model number and serial number.

(3) The equipment manufacturer's stock number as listed in the appropriate manual for the desired repair part.

(4) The repair part reference designation, circuit reference, circuit symbol schematic designation, or reference number as listed in the manufacturer's manual.

(5) The technical specification of the repair part as contained in the appropriate manufacturer's manual.

(6) The title and date of the manufacturer's manual from which the information in **a** and **b(3), (4), and (5)** above was taken.

c. For requisitioning miscellaneous consumable maintenance supplies or expendable supplies, use CTA 50-970.

d. The usable on code appears in the lower left corner of the Description column heading. Usable on codes are shown as "UOC" in the Description column (justified left) on the first line applicable item description/nomenclature.

e. This RPSTL does not contain illustrations for items listed in Section II, since the manufacturer's manuals contain exploded view illustrations which are adequate for repair parts location. Copies of the manufacturer's manuals for MCL, Model 15122 are furnished with the equipment for which this RPSTL is prepared. The figure and item numbers in the listing are for locating the item within this RPSTL.

6. How to Locate Repair Parts

a. When National Stock Number or Part Number is Not Known.

(1) **First.** Refer to the parts list to locate the item by description. This list is listed in alphabetical sequence within each figure number.

(2) **Second.** After locating the item in the Repair Parts List, refer to the Part Number Index to find the NSN.

b. When National Stock Number or Part Number is Known.

(1) **First.** Using the Index of National Stock Numbers and Part Numbers, find the pertinent National Stock Number or Part Number. The NSN index is in National Item Identification Number (NIIN) sequence. The part numbers in the Part Number index are listed in ascending alphanumeric sequence. Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) **Second.** After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

7. **Abbreviations.** Not applicable.

SECTION II

REPAIRS PARTS LIST

TM9-4931-494-34P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 0010 - FIGURE 1					
SIGNAL GENERATOR					
MIS-35936/1 (18876)					
15122 (16469)					
10	PAFZZ	56289	6PSD33	CAPACITOR, FIXED .0033, 600 V	3
20	PAFZZ	56289	C023B102E152M	CAPACITOR, FIXED .0015, 1KV	1
30	PAFZZ	16546	CY15A103M	CAPACITOR, FIXED .01, 100 V	1
40	PAFZZ	18876	11065337-016	CAPACITOR, FIXED TE1089 FSCM 56289	1
50	PAFZZ	18876	11065337-009	CAPACITOR, FIXED 100, 25 V	1
60	PAFZZ	8219S	B704632	CAPACITOR, FIXED 1.0, 12 V	1
70	XDFZZ	56289	TE1209	CAPACITOR, FIXED 50, 25 V	2
80	PAFZZ	56289	225P10491WD3	CAPACITOR, FIXED C.1, 100 V	2
90	PAFZZ	56289	225P22391WD3	CAPACITOR, FIXED .022, 100 V	1
100	PAFZZ	56289	225P33491XD3	CAPACITOR, FIXED .33, 100	1
105	PAFZZ	82893	R644	CONNECTOR 44 CONTACT, FEMALE	1
110	PAFZZ	02735	CA3094T	MICROCIRCUIT, LINEAR	1
115	PAFFF	18876	MIS-35S36/2	MODULE PLUG-IN 10-50 MHZ, FOR PARTS SEE GROUP 0020, FIGURE 2	1
120	PAFFF	18876	MIS-35936/3	MODULE, PLUG-IN 50-200 MHZ, FOR PARTS SEE GROUP 0030, FIGURE 3	1
125	PAFFF	18876	MIS-35936/4	MODULE, PLUG-IN 200-500 MHZ, FOR PARTS SEE GROUP 0040, FIGURE 4	1
130	PAFFF	18876	MIS-35936/5	MODULE, PLUG-IN 500-1000 MHZ FOR PARTS SEE GROUP 0050, FIGURE 5	1
135	PAFZZ	1206C	BR830A	RECTIFIER	1
140	PAFZZ	01537	MDA92C-3	RECTIFIER	1
150	PAFZZ	61349	RCR42G563JS	RESISTOR, FIXED, COMP 56,000 OHMS, +- 5%	1
160	PAFZZ	81349	RCR20G153JS	RESISTOR, FIXED, COMP 15K, 1/2W, +- 10%	1
170	PAFZZ	81349	RCR32G224JS	RESISTOR, FIXED, COMP 220K, +- 5%	8
180	PAFZZ	81349	RCR42G221JR	RESISTOR, FIXED, COMP 220, +- 10 %	1
190	PAFZZ	81349	RCR07G102JS	RESISTOR, FIXED, COMP 1K, 1/2W, +- 10%	1
210	PAFZZ	81349	RCR20G101JS	RESISTOR, FIXED, COMP 100, 1/2W, +- 5%	1
220	PAFZZ	81349	RCR42G561JS	RESISTOR, FIXED, COMP 2W, 560 OHMS	2
				+ - 10%	
230	PAFZZ	81349	RCR20G123JS	RESISTOR, FIXED, COMP 12K, +- 5%	1
240	PAFZZ	81349	RCR42G123JS	RESISTOR, FIXED, COMP 12K, +- 5%	1
250	PAFZZ	81349	RCR42G103JS	RESISTOR, FIXED, COMP 10K, +- 5%	1
260	PAFZZ	81349	RCR42G912JS	RESISTOR, FIXED, COMP 9.1K, +- 5%	1
270	PAFZZ	81349	RCR32G220JS	RESISTOR, FIXED, COMP 22, 1W, +- 5%	1
280	PAFZZ	81349	RCR42G102JS	RESISTOR, FIXED, COMP 2 W, 1, 000 OHMS, +- 5%	2
290	PAFZZ	81349	RCR32G270JS	RESISTOR, FIXED, COMP 27, 1W, +- 5%	1
300	PAFZZ	81349	RCR07G471JS	RESISTOR, FIXED, COMP 470, +- 5%	1
310	PAFZZ	81349	RCR07G222JS	RESISTOR, FIXED, COMP 2.2K, +- 5%	1
320	PAFZZ	81349	RCR32G561JS	RESISTOR, FIXED, COMP 560 OHMS, 1W, +- 5%	2
330	PAFZZ	81349	RCR07G103JS	RESISTOR, FIXED, COMP 10K OHMS, +- 5%	3
340	PAFZZ	81349	RCR07G104JS	RESISTOR, FIXED, COMP 100,000 OHMS, +- 5%	3

SECTION II

REPAIRS PARTS LIST

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(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
360	PAFZZ	81349	RCR07G113JS	RESISTOR, FIXED, COMP 11K, OHM, +-5%.....	1
370	PAFZZ	81349	RCR07G123JS	RESISTOR, FIXED, COMP 12K OHM, +-5%.....	1
380	PAFZZ	81349	RCR07G155JS	RESISTOR, FIXED, COMP 1.5M OHM, +-5, %	1
390	PAFZZ	81349	RCR07G185JS	RESISTOR, FIXED, COMP 1.8M OHM, +-5%	1
400	PAFZZ	81349	RCR07G681JS	RESISTOR, FIXED, COMP 680 OHM, +-5%.....	1
410	PAFZZ	81349	RCR07G273JS	RESISTOR, FIXED, COMP 27K OHM, +-5%.....	1
430	PAFZZ	81349	RCR07G563JS	RESISTOR, FIXED, COMP 56K OHM, +-5;.....	1
440	PAFZZ	81349	RCR07G106JS	RESISTOR, FIXED, COMP 10M OHM, +-5%	3
450	PAFZZ	81349	RCR07G153JS	RESISTOR, FIXED, COMP 15K OHM, +-5%.....	2
460	PAFZZ	81349	RCR07G154JS	RESISTOR, FIXED, COMP 150K OHM, +-5%.....	1
480	PAFZZ	81349	RCR07G562JS	RESISTOR, FIXED, COMP 5.6K OHM, +-5%.....	1
490	PAFZZ	81349	RCR07G101JS	RESISTOR, FIXED, COMP 100 OHM, +-5%.....	1
500	PAFZZ	81349	RCR07G182JS	RESISTOR, FIXED, COMP 1.8K OHM, +-5%.....	1
510	PAFZZ	81349	RCR32G100JS	RESISTOR, FIXED, COMP 10 OHM, 1 W, +-5%	1
520	PAFZZ	81349	RCR07G393JS	RESISTOR, FIXED, COMP 39K OHM, +-5%.....	1
530	PAFZZ	81349	RCR07G332JS	RESISTOR, FIXED, COMP 3.3K OHM, +-5%.....	3
540	PAFZZ	81349	RCR42G301JS	RESISTOR, FIXED, COMP 1/4W, +-5%	1
550	PAFZZ	81349	RCR07G225JS	RESISTOR, FIXED, COMP 2.2M OHM, +-5%	1
500	PAFZZ	81349	RCR07G561JS	RESISTOR, FIXED, COMP 560 OHM, +-5%.....	1
570	PAFZZ	81349	RCR07G682JS	RESISTOR, FIXED, COMP 6.8 K OHM, +-5%.....	2
580	PAFZZ	81349	RCR07G472JS	RESISTOR, FIXED, COMP 4.7 K OHM, +-5%.....	1
600	PAFZZ	81349	RCR07G132JS	RESISTOR, FIXED, COMP 1.3 K OHM, +-5%.....	1
610	PAFZZ	80294	3059J1-501	RESISTOR, VARIABLE, N	1
620	PAFZZ	01121	ZV5032	RESISTOR, VARIABLE, N	1
630	PAFZZ	81349	JAN1N3611	SEMICONDUCTOR DEVIC SILICON, 1A, 50.....	6
				PIV	
640	XDFZZ	82389	46203MR	SWITCH, SLIDE	1
650	PAFZZ	80131	2N5321	TRANSISTOR	1
				GROUP 0020 - FIGURE 2	
				MODULE, PLUG-IN	
				MIS-35936/2 (18876)	
				6047 (16469)	
10	PAFZZ	81349	RCR20G151JS	RESISTOR, FIXED, COMP 150 OHM, 1/2 W.	1
20	PAFZZ	81349	RCR20G472JS	RESISTOR, FIXED, COMP 4.7K OHM, 1/2 W.....	1
30	PAFZZ	81349	RCR20G271JS	RESISTOR, FIXED, COMP 270 OHM, 1/2 W..	1
40	PAFZZ	80294	3006P1-503	RESISTOR, VARIABLE, N 50 K OHM	1
				GROUP 0030 - FIGURE 2	
				MODULE, PLUG-IN	
				MIS-35936/3 (18876)	
				6048 (16469)	
10	PAFZZ	72259	SWD3-3	COIL, RADIO 3.30H.....	2
20	PAFZZ	81349	RCR20G151JS	RESISTOR, FIXED, COMP 150 OHM, 1/2 W.	1
30	PAFZZ	81349	RCR20G271JS	RESISTOR, FIXED, COMP 270 OHM, 1/2 W.	1
40	PAFZZ	81349	RCR20G472JS	RESISTOR, FIXED, COMP 4.7K OHM, 1/2W.....	1
50	PAFZZ	80294	3006P1-503	RESISTOR, VARIABLE, N. 50 K OHM	1

SECTION II

REPAIRS PARTS LIST

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(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 0040 - FIGURE 4					
MODULE PLUG-IN					
				MIS-35936/4 (18876)	
				6049 (16469)	
10	PAFZZ	81349	RCR20G151JS	RESISTOR, FIXED, COMP 150 OHM, 1/2 W	1
20	PAFZZ	81349	RCR20G271JS	RESISTOR, FIXED, COMP 270 OHM, 1/2 W.	1
30	PAFZZ	81349	RCR20G472JS	RESISTOR, FIXED, COMP 4.7K OHM, 1/2 W.	1
40	PAFZZ	80294	3006P1-503	RESISTOR, VARIABLE, N 50 K OHM.	1
GROUP 0050 - FIGURE 5					
MODULE, PLUG-IN					
				MIS-35936/5 (18876)	
				6050 (16469)	
10	PAFZZ	81349	RCR20G151JS	RESISTOR, FIXED, COMP 150 OHM, 1/2 W.	1
20	PAFZZ	81349	RCR20G271JS	RESISTOR, FIXED, COMP 270 OHM, 1/2W.	1
30	PAFZZ	81349	RCR20G472JS	RESISTOR, FIXED, COMP 4.7K OHM, 1/2W.	1
40	PAFZZ	80294	3006P1-503	RESISTOR, VARIABLE, N 50 K OHM	1

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER INDEX					
STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM.
5910-00-051-7449	1	80	5905-00-247-8715	1	170
5910-00-067-4202	1	40	5905-00-252-1671	1	550
5905-00-104-8343	1	510	5905-00-359-5408	2	40
5905-00-104-8355	1	320		3	50
5905-00-104-8362	1	600		4	40
5905-00-105-7764	1	310		5	40
5905-00-105-7768	1	560	5905-00-369-6932	1	360
5905-00-106-1273	1	160	5910-00-404-1930	1	90
5905-00-106-1278	1	370	5905-00-412-1121	1	180
5905-00-106-1357	1	430	5905-00-430-2696	1	260
5905-00-106-3666	1	330	5905-00-456-0577	1	290
5905-00-106-9344	1	210	5961-00-483-4189	1	650
5905-00-108-6922	2	10	5905-00-523-7954	1	620
	3	20	5910-00-632-9802	1	30
	4	10	5950-00-729-4088	3	10
	5	10	5905-00-782-9560	1	610
5905-00-110-0388	1	340	5910-00-827-1209	1	50
5905-00-110-0993	1	230	5910-00-832-8282	1	20
5905-00-110-7620	1	190	5961-00-836-2089	1	140
5905-00-110-7622	1	570	5935-00-865-0379	1	105
5905-00-111-1684	1	380	5961-00-932-7083	1	135
5905-00-114-0711	1	580	5961-00-957-6865	1	630
5905-00-114-5339	1	460	5910-00-998-9162	1	60
5905-00-114-5343	1	500	5910-01-010-9954	1	100
5905-00-114-5407	2	30	5962-01-011-6300	1	110
	3	30	4931-01-019-7874	1	115
	4	20	4931-01-019-7875	1	120
	5	20	4931-01-019-7876	1	125
5905-00-115-8055	1	520	4931-01-019-7877	1	130
5905-00-116-8555	1	450			
5905-00-119-3504	1	410			
5905-00-120-9154	1	300			
5905-00-121-9919	1	440			
5905-00-126-6683	1	530			
5905-00-126-6710	1	390			
5905-00-135-6046	1	400			
5905-00-138-4927	1	280			
5905-00-140-5653	1	150			
5905-00-141-0595	2	20			
	3	40			
	4	30			
	5	30			
5905-00-141-0744	1	480			
5905-00-141-1183	1	490			
5910-00-144-3380	1	10			
5905-00-147-0388	1	540			
5905-00-153-4853	1	220			
5905-00-160-5945	1	240			
5905-00-184-7703	1	250			
5905-00-247-8710	1	270			

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

FSCM	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
			STOCK NUMBER		
12060	BR830A		5961-00-932-7083	1	135
82199	B704632		5910-00-998-9162	1	60
02735	CA3094T		5962-01-011-6300	1	110
16546	CY15A103M		5910-00-632-9802	1	30
56289	C023B102E152M		5910-00-832-8282	1	20
81349	JAN1N3611		5961-00-957-6865	1	630
01537	MDA920-3		5961-00-836-2089	1	140
18876	MIS-35936/2		4931-01-019-7874	1	115
18876	MIS-35936/3		4931-01-019-7875	1	120
18876	MIS-35936/4		4931-01-019-7876	1	125
18876	MIS-35936/5		4931-01-019-7877	1	130
81349	RCR07G101JS		5905-00-141-1183	1	490
81349	RCR07G102JS		5905-00-110-7620	1	190
81349	RCR07G103JS		5905-00-106-3666	1	330
81349	RCR07G104JS		5905-00-110-0388	1	340
81349	RCR07G106JS		5905-00-121-9919	1	440
81349	RCR07G113JS		5905-00-369-6932	1	360
81349	RCR07G123JS		5905-00-106-1278	1	370
81349	RCR07G132JS		5905-00-104-8362	1	600
81349	RCR07G153JS		5905-00-116-8555	1	450
81349	RCR07G154JS		5905-00-114-5339	1	460
81349	RCR07G155JS		5905-00-111-1684	1	380
81349	RCR07G182JS		5905-00-114-5343	1	500
81349	RCR07G185JS		5905-00-126-6710	1	390
81349	RCR07G222JS		5905-00-105-7764	1	310
81349	RCR07G225JS		5905-00-252-1671	1	550
81349	RCR07G273JS		5905-00-119-3504	1	410
81349	RCR07G332JS		5905-00-126-6683	1	530
81349	RCR07G393JS		5905-00-115-8055	1	520
81349	RCR07G471JS		5905-00-120-9154	1	300
81349	RCR07G472JS		5905-00-114-0711	1	580
81349	RCR07G561JS		5905-00-105-7768	1	560
81349	RCR07G562JS		5905-00-141-0744	1	480
81349	RCR07G563JS		5905-00-106-1357	1	430
81349	RCR07G681JS		5905-00-135-6046	1	400
81349	RCR07G682JS		5905-00-110-7622	1	570
81349	RCR20G101JS		5905-00-106-9344	1	210
81349	RCR20G123JS		5905-00-110-0993	1	230
81349	RCR20G151JS		5905-00-108-6922	2	10
				3	20
				4	10
				5	10
81349	RCR20G153JS		5905-00-106-1273	1	160
81349	RCR20G271JS		5905-00-114-5407	2	30
				3	30
				4	20
				5	20
81349	RCR20G472JS		5905-00-141-0595	2	20
				3	40
				4	30
				5	30

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

FSCM	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
			STOCK NUMBER		
81349	RCR32G100JS		5905-00-104-8343	1	510
81349	RCR32G220JS		5905-00-247-8710	1	270
81349	RCR32G224JS		5905-00-247-8715	1	170
81349	RCR32G270JS		5905-00-456-0577	1	290
81349	RCR32G561JS		5905-00-104-8355	1	320
81349	RCR42G102JS		5905-00-138-4927	1	280
81349	RCR42G103JS		5905-00-184-7703	1	250
81349	RCR42G123JS		5905-00-160-5945	1	240
81349	RCR42G221JR		5905-00-412-1121	1	180
81349	RCR42G301JS		5905-00-147-0388	1	540
81349	RCR42G561JS		5905-00-153-4853	1	220
81349	RCR42G563JS		5905-00-140-5653	1	150
81349	RCR42G912JS		5905-00-430-2696	1	260
82893	R644		5935-00-865-0379	1	105
72259	SWD3-3		5950-00-729-4088	3	10
56289	TE1209			1	70
01121	ZV5032		5905-00-523-7954	1	620
18876	11065337-009		5910-00-827-1209	1	50
18876	11065337-016		5910-00-067-4202	1	40
80131	2N5321		5961-00-483-4189	1	650
56289	225P10491WD3		5910-00-051-7449	1	80
56289	225P22391WD3		5910-00-404-1930	1	90
56289	225P33491XD3		5910-01-010-9954	1	100
80294	3006P1-503		5905-00-359-5408	2	40
				3	50
				4	40
				5	40
80294	3059J1-501		5905-00-782-9560	1	610
82389	46203MR			1	640
56289	6PSD33		5910-00-144-3380	1	10

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR.
General, United States Army
Chief of Staff

Official:

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

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RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.

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PUBLICATION DATE

PUBLICATION TITLE

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PAGE NO.

PARA-GRAPH

FIGURE NO.

TABLE NO.

IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT.

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

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



