

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LISTS
SIGNAL GENERATOR AN/URM-61 AND AN/URM-61A
FSN 6625-519-2056**

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*This manual supersedes TM 11-6625-268-12P, 26 June 1959, Including all changes.

SECTION I

INTRODUCTION

1-1. Scope

This manual lists repair parts and special tools required for the performance of organizational maintenance of the AN/URM-61 and AN/URM-61A. The PCCN for the equipment is GTEAAT for all models.

1-2. General

This repair parts and special tools list is divided into the following sections:

a. Prescribed Load Allowance (PLA) - Section II.

Not applicable.

b. Repair Parts List - Section III. A list of repair parts authorized for the performance of maintenance at the organizational level. This repair parts list is arranged in alphabetical order.

c. Special Tools, Test and support Equipment - Section IV. Not applicable.

d. Index - Federal Stock Number and Reference Number Cross-Reference to Figure and Item Number - Section V. A list, in ascending numerical sequence, of all Federal stock numbers appearing in the listings, followed by a list, in alphabetic sequence, of all reference numbers appearing in the listings. Federal stock number and reference numbers are cross-referenced to each illustration figure and item number or reference designation appearance.

1-3. Explanation of Columns

The following provides an explanation of columns in the tabular lists -

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

(1) *Source code.* Indicates the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are -

<i>Code</i>	<i>Explanation</i>
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- PA- Item procured and stocked for anticipated or known usage.
- PB- Item procured and stocked for insurance purposes because 'essentiality' dictates that a minimum quantity be available in the supply systems.
- PC- Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
- PD- Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional

<i>Code</i>	<i>Explanation</i>
PE-	initial issues or outfittings. Not subject to automatic replenishment.
PF-	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PG-	Support equipment which will not be stocked but which will be centrally procured on demand.
KD-	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which because of probable discontinuance or shutdown of production facilities would prove uneconomical to reproduce at a later time.
KF-	An item of depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KB-	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or direct support or general support levels of maintenance.
MO-	Item included in both a depot overhaul/repair kit and a maintenance kit.
MF-	Item to be manufactured or fabricated at organizational level.
MH-	Item to be manufactured or fabricated at direct support maintenance level.
MD-	Item to be manufactured or fabricated at general support maintenance level.
AO-	Item to be assembled at organizational level.
AF-	Item to be assembled at direct support maintenance level.
AH-	Item to be assembled at general support maintenance level.
AD-	Item to be assembled at 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.
XC-	Installation drawing, diagram instruction sheet, field service drawing, that is iden-

<i>Code</i>	<i>Explanation</i>	<i>Code</i>	<i>Application/Explanation</i>
XD-	tified by manufacturers' part number. Support items can be requisitioned with justification.	H-	The lowest maintenance level capable of complete repair of the support item is general support.
	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.	D-	The lowest maintenance level capable of complete repair of the support item is the depot level.
	(2) <i>Maintenance code.</i> 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-	L-	Repair restricted to designated Specialized Repair Activity.
	(a) <i>Use (third position).</i> The maintenance code entered in the third position indicates the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position indicates one of the following levels of maintenance.	Z-	Non-repairable. No repair is authorized.
		B-	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.
<i>Code Application/Explanation</i>		<i>(3) Recoverability code.</i> 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-	
O-	Support item is removed, replaced, used at the organizational level of maintenance.	Z-	Nonrepairable item. When unserviceable, condemn and dispose at the level indicated in the first digit of the maintenance code.
	NOTE A code "C" may be used in this position to denote crew or operator maintenance performed within organizational maintenance.	O-	Repairable item. When uneconomically repairable, condemn and dispose at organizational level.
F-	Support item is removed, replaced, used at the direct support maintenance level.	F-	Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
H-	Support item is removed, replaced, used at the general support maintenance.	H-	Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
D-	Support items that are removed, replaced, used at depot only.	D-	Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
	(b) <i>Repair (fourth position).</i> 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). When a maintenance code is not used a dash (-) sign is entered. For multi-service equipment/systems or when a code is entered, this position will contain one of the following maintenance codes as assigned by the service(s) that require the code-	L-	Repairable item. Repair, condemnation, and disposal not authorized below depot/Specialized Repair Activity level.
		A-	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material).
<i>Code Application/Explanation</i>		<i>b. Federal Stock Number.</i> Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.	
O-	The lowest maintenance level capable of complete repair of the support item is the organizational level.	<i>c. Description.</i> Indicates the Federal item name and a minimum description required to identify the item. The last line indicates the reference number followed by the applicable Federal Supply Code for Manufacturer (FSCM) in parentheses. The FSCM is	
F-	The lowest maintenance level capable of complete repair of the support item is direct support.		

used as an element in item identification to designate manufacturer or distributor or Government agency, etc., and is identified in SB 708-42.

d. Unit of Measure (U/M). Indicates the standard or basic quantity by which the listed item is used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation; e.g., ea, in, pr, etc., and is the basis used to indicate quantities and allowances in subsequent columns. When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

e. Quantity Incorporated in Unit. This column indicates the quantity of the item used in the equipment. Subsequent appearances of the same item in the same assembly are indicated by the letters "REF".

f. 15-Day Organizational Maintenance Allowance.

(1) The repair parts indicated by an asterisk in the allowance column represent those authorized for use at the organizational category, and will be requisitioned on an "as required" basis, until stockage is based on demand in accordance with AR 710-2.

(2) Major Army commanders are authorized to approve reduction in the range of support items authorized for use in units within their commands. Recommendations for increase in range of items authorized for use will be forwarded to Commander, US Army Electronics Command, ATTN: AMSEL-MA-DM, Fort Monmouth, N.J., 07703. Any changes approved will be reflected in a revision to the RPSTL.

(3) Allowance quantities are indicated in the special tools list section for special tools, TMDE, and other equipment.

g. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown in TM 11-5091.

(2) *Item number.* Indicates the item number or reference designation used to reference the item in the illustration.

1-4. Special Information

a. Usable on codes are included in column 3. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are -

Code	Used on
AF9	AN/URM-61
AGA	AN/URM-61A
B30	TS-403/U
B31	TS-403A/U
B32	TS-403A/U
B33	TS-403B/U

(Next printed page is 6)

b. The following publication pertains to the equipment and its components:

TM 11-5091 Maintenance Instructions: Signal Generators AN/URM-61, AN/URM-61A, Signal Generators TS-403/U, TS-403A/U, and TS-403B/U.

1-5. Location of Repair Parts

a. This manual contains one cross-reference index (sec V) to be used to locate a repair part when either the Federal stock number or reference number (manufacturer's part number) is known. The first column in the index is prepared in numerical or alphanumeric sequence in ascending order. The reference numbers (manufacturer's part numbers) are listed immediately following the last listed Federal stock number in the index of Federal stock numbers.

b. When the Federal stock number or reference number is known, follow the procedures given in (1) and (2) below.

(1) Refer to the index of Federal stock numbers (sec V) and locate the Federal stock number or reference number. The FSN and reference number are cross-referenced to the applicable figure and item number or reference designation.

(2) Refer to the repair parts list (sec III) and locate the figure number (col 7a) and item number or reference designation (col 7b) as noted in the FSN index.

c. When the figure and item number or reference designation are known, scrutinize columns 7a and 7b of the repair parts list (sec III) until the item is located.

d. When the FSN, reference number, figure number, item number and reference designation are not known, scrutinize column 3 of the repair parts list (sec III), which is arranged in alphabetical order.

1-6. Abbreviations

Not applicable.

1-7. Reporting of Equipment Publication Improvements

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forwarded direct to Commander, US Army Electronics Command, ATTN: AMSEL-MA-DM, Fort Monmouth, N.J., 07703.

SECTION III

(1)	(2)	FEDERAL STOCK NUMBER	DESCRIPTION	JN11 OF IN UNIT IEA:	QTY. INC IN UNIT IEA:	5-DAY ORGANIZATIONAL MAINTENANCE / W				ILLUSTRATION (a) FIGURE NO. (b) ITEM NO.
						(a) 1-5	(b) 6-20	(c) 1-50	(d) 1-100	
PAOZZ	6145-635-4054		CABLE, POWER, ELECTRICAL W104C.....AF9,AGA 003A4026 (31050)	FT	6	*	*	*	*	
PAOZZ	6145-284-0579		CABLE, POWER, ELECTRICAL W104C.....AF9,AGA 003MGF3-18J0330 (81349)	FT	6	*	*	*	*	
PAOZZ	6145-504-1015		CABLE, POWER, ELECTRICAL CX-3277/U W104B.....AGA X3277U (80058)	FT	6	*	*	*	*	
XDOZZ			LAMP, ELECTRICAL W104D.....AGA N3057-4 (81350)	EA	1	*	*	*	*	
PAOZZ	5935-149-3534		CONNECTOR, ADAPTER, ELECTRICAL UG-273/U E155...JG273U (80058)	EA	2	*	*	*	*	E155
PAOZZ	5935-149-3534		CONNECTOR, ADAPTER, ELECTRICAL UG-273/U E156...JG273U (80058)	EA	REF	*	*	*	*	E156
PAOZZ	5935-149-3534		CONNECTOR, ADAPTER, ELECTRICAL UG-273/U E157...JG273U (80058)	EA	REF	*	*	*	*	E157
PAOZZ	5935-149-4013		CONNECTOR, PLUG, ELECTRICAL W104A.....AF9 7057 (83315)	EA	1	*	*	*	*	
XDOZZ			CONNECTOR, PLUG, ELECTRICAL W104B.....AF9 7084 (83315)	EA	1	*	*	*	*	
PAOZZ	5935-149-3092		CONNECTOR, PLUG, ELECTRICAL P101.....S891 (81350)	EA	1	*	*	*	*	P101
PAOZZ	5935-636-7145		CONNECTOR, RECEPTACLE, ELECTRICAL UP-121 M P101 AGA JP121M (80058)	EA	1	*	*	*	*	P101
PAOZZ	5999-518-9185		CAP, ELECTRICAL E138A,E139A.....342001SA2 (75915) B30,B31,B32,B33	EA	2	*	*	*	*	
XDOZZ			CAP, ELECTRICAL CW-123A/U 0112.....SW123AU (80058) B30,B31,B32,B33	EA	4	*	*	*	*	D112
KDOZZ			CAP, ELECTRICAL CW-123A/U 0113.....SW123AU (80058) B30,B31,B32,B33	EA	REF	*	*	*	*	O11
XDOZZ			CAP, ELECTRICAL CW-123A/U 0114.....SW123AU (80058) B30,B31,B32,B33	EA	REF	*	*	*	*	O11
XDOZZ			CAP, ELECTRICAL CW-123A/U 0115.....SW123AU (80058) B30,B31,B32,B33	EA	REF	*	*	*	*	D115
PAUZZ	5960-503-4880		ELECTRON TUBE V112.....DA2WA (81350) B30,B31,B32,B33	EA	3	*	*	*	*	V112
PAUZZ	5960-503-4880		ELECTRON TUBE V113.....DA2WA (81350) B30,B31,B32,B33	EA	REF	*	*	*	*	V113
PAUZZ	5960-503-4880		ELECTRON TUBE V114.....DA2WA (81350) B30,B31,B32,B33	EA	REF	*	*	*	*	V114
PAUZZ	5960-262-1703		ELECTRON TUBE V116.....5R4WGA (81350) B30,B31,B32,B33	EA	1	*	*	*	*	V116
PAUZZ	5960-235-8215		ELECTRON TUBE V103.....6C4W (81350) B30,B31,B32,B33	EA	4	*	*	*	*	V103
PAUZZ	5960-235-8215		ELECTRON TUBE V106.....6C4W (81350) B30,B31,B32,B33	EA	REF	*	*	*	*	V106
PAUZZ	5960-235-8215		ELECTRON TUBE V108.....6C4W (81350) B30,B31,B32,B33	EA	REF	*	*	*	*	V108
PAUZZ	5960-235-8215		ELECTRON TUBE V110.....6C4W (81350) B30,B31,B32,B33	EA	REF	*	*	*	*	V110
PAUZZ	5960-262-0160		ELECTRONTUBE V102.....6J6W (81350) B30,B31,B32,B33	EA	3	*	*	*	*	V102
PAUZZ	5960-262-0160		ELECTRONTUBE V104.....6J6W (81350) B30,B31,B32,B33	EA	REF	*	*	*	*	V104
PAUZZ	5960-262-0160		ELECTRONTUBE V107.....6J6W (81350) B30,B31,B32,B33	EA	REF	*	*	*	*	V107
PAUZZ	5960-188-0883		ELECTRONTUBE V101.....6SL7WGT (81350) B30,B31,B32,B33	EA	1	*	*	*	*	V101
PAUZZ	5960-188-0920		ELECTRONTUBE V105.....6X5WGT (81350) B30,B31,B32,B33	EA	2	*	*	*	*	V105
PAUZZ	5960-188-0926		ELECTRONTUBE V117.....6X5WGT (81350) B30,B31,B32,B33	EA	REF	*	*	*	*	V117
XDOZZ			ELECTRONTUBE V109.....6Y6G (81350) B30,B31,B32,B33	EA	2	*	*	*	*	V109
XDOZZ			ELECTRONTUBE V115.....6Y6G (81350) B30,B31,B32,B33	EA	REF	*	*	*	*	V115
XDOZZ			FUSE, CARTRIDGE F101.....FU02D2R008 (81349) B30,B31,B32,B33	EA	2	*	*	*	*	F101
XDOZZ			FUSE, CARTRIDGE F102.....FU02D2R008 (81349) B30,B31,B32,B33	EA	REF	*	*	*	*	F102
PAUZZ	6620-510-4677		GASKET 0184.....5MS533 (28480) B34	EA	1	*	*	*	*	O184
PAUZZ	5330-510-4678		GASKET 0154.....5ME519 (28480) B32	EA	1	*	*	*	*	O154
XDOZZ			KNOB E185.....S308-64-40269 (75376) B32,B33	EA	2	*	*	*	*	E185
XDOZZ			KNOB E186.....S308-64-40269 (75376) B32,B33	EA	REF	*	*	*	*	E186
PAUZZ	5355-543-7183		KNOB E148.....S308-64-64888 (75376) B30,B31	EA	3	*	*	*	*	E148
PAUZZ	5355-543-7183		KNOB E149.....S308-64BBB (75376) B30,B31	EA	REF	*	*	*	*	E149

SECTION III

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	(4)	(5) QTY. IN EA UNIT	(6) 5-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUSTRATION FIGURE NO.	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 1-100	(a) ITEM NO.	(b) ITEM NO.
AUZZ	5355-543-7183	(NOBE150..... 3308-64888 (75376) B30, B31		EA REF	*	*	*	*	E150	
AUZZ	5355-543-7183	(NOBE148..... 3308-64888 (75376) B32, B33		EA L	*	*	*	*	E148	
AUZZ	5355-644-2206	(NOB E151..... 3309-64888 (75376) B30, B31, B32, B33		EA 2	*	*	*	*	E151	
AUZZ	5355-644-2206	(NOB E152..... 3309-64888 (75376) B30, B31, B32, B33		EA REF	*	*	*	*	E152	
AUZZ	5355-244-5143	(NOBE153..... 3230-6488 (75376) B30, B31, B32, B33		EA 2	*	*	*	*	E153	
AUZZ	5355-244-5143	(NOB E154..... 3230-6488 (75376) B30, B31, B32, B33		EA REF	*	*	*	*	E154	
AUZZ	5355-644-1063	(NOB E149..... 3308-6488DLB (75376) B32, B33		EA 2	*	*	*	*	E149	
AUZZ	5355-644-1063	(NOB E150..... 3308-6488DLB (75376) B32, B33		EA REF	*	*	*	*	E150	
AUZZ	5355-284-5161	(NOB E146..... 3380-64DLB (75376) B30, B31, B32		EA 2	*	*	*	*	E146	
AUZZ	5355-284-5161	(NOB E147..... 3380-64DLB (75376) B30, B31, B32		EA REF	*	*	*	*	E147	
AUZZ	6240-155-8706	.AMP, LM-52 E135..... .M52 (80058) B30, B31, B32, B33		EA 2	*	*	*	*	E135	
AUZZ	6240-155-8706	.AMP, LM-52 E136..... .M52 (8 0058) B30, B31, B32, B33		EA REF	*	*	*	*	E136	
AUZZ	6210-243-0056	.ENS, INDICATOR LIGHT I108A..... 31-117 (72619) B30, B31, B32, B33		EA 1	*	*	*	*		
AUZZ	6120-247-1778	.ENS, INDICATOR LIGHT I107A..... 31-111 (72619) B30, B31, B32, B33		EA 1	*	*	*	*		
AUZZ	5960-270-3320	RETAINER, ELECTRON TUBE O109..... 226C44 (07387) B30, B31, B32		EA 3	*	*	*	*	E109	
AUZZ	5960-270-3320	RETAINER, ELECTRON TUBE O110..... 226C44 (07387) B30, B31, B32		EA REF	*	*	*	*	E110	
AUZZ	5960-270-3320	RETAINER, ELECTRON TUBE O111..... 226C44 (07387) B30, B31, B32		EA REF	*	*	*	*	E111	
AUZZ	5305-208-1482	SCREW, EXTERNALLY RELIEVED BODY H107..... SCS2 (96906) B31		EA 8	*	*	*	*	E107	
XDOZZ		SHIELD, ELECTRON TUBE E125..... TS102U02 (81350) B30, B31, B32, B33		EA 7	*	*	*	*	E125	
XDOZZ		SHIELD, ELECTRON TUBE E126..... TS102U02 (81350) B30, B31, B32, B33		EA REF	*	*	*	*	E126	
XDOZZ		SHIELD, ELECTRON TUBE E127..... TS102U02 (81350) B30, B31, B32, B33		EA REF	*	*	*	*	E127	
XDOZZ		SHIELD, ELECTRON TUBE E128..... TS102U02 (81350) B30, B31, B32, B33		EA REF	*	*	*	*	E128	
XDOZZ		SHIELD, ELECTRON TUBE E129..... TS102U02 (81350) B30, B31, B32, B33		EA REF	*	*	*	*	E129	
XDOZZ		SHIELD, ELECTRON TUBE E130..... TS102U02 (81350) B30, B31, B32, B33		EA REF	*	*	*	*	E130	
XDOZZ		SHIELD, ELECTRON TUBE E131..... TS102U02 (81350) B30, B31, B32, B33		EA REF	*	*	*	*	E131	
XDOZZ		SHIELD, ELECTRON TUBE E132..... TS102U03 (81350) B30, B31, B32, B33		EA 3	*	*	*	*	E132	
XDOZZ		SHIELD, ELECTRON TUBE E133..... TS102U03 (81350) B30, B31, B32, B33		EA REF	*	*	*	*	E133	
XDOZZ		SHIELD, ELECTRON TUBE E134..... TS102U03 (81350) B30, B31, B32, B33		EA REF	*	*	*	*	E134	

INDEX - FEDERAL STOCK NUMBER AND REFERENCE NUMBER
CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

NOTE: LATEST FEDERAL STOCK NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5330-510-4678		0154	5960-188-0926 5960-235-8215 5960-235-8215 5960-235-8215 5960-235-8215	5-4 5-2 5-2 5-2 5-2	V117 V103 V106 V108 V110
5355-284-5143	E153		5960-235-8215	5-2	V102
5355-284-5143	E154		5960-262-0160	5-2	V104
5355-284-5161	E146		5960-262-0160	5-2	V107
5355-284-5161	E147		5960-262-0160	5-2	V116
5355-543-7183	E148		5960-262-1703	5-3	V110
5355-543-7183	E149		5960-270-3326		0109
5355-543-7183	E150		5960-270-3326		0110
5355-644-1063	E149		5960-270-3326		0111
5355-644-1063	E150				
5355-644-2206	E151				
5355-644-2206	E152				
5935-149-3092	P101				
5935-149-3534	E155				
5935-149-3534	E156				
5935-149-3534	E157				
5935-149-4013			5960-503-4880 5960-503-4880 5960-503-4880 6120-247-1778 6145-284-0579 6145-504-1015 6145-635-4054	5-3 5-3 5-3	V112 V113 V114
5935-636-7145	P101		6210-243-0056 6240-155-8706 6240-155-8706		E135 E136
5960-188-0883	5-2	V101	6625-510-4677		0184
5960-188-0926	5-2	V105			
REFERENCE NO.	MFR CODE	FIG. NO.	ITEM NO.	REFERENCE NO.	MFR CODE
AN3057-4	81350			TS102U02	81350
C003MGF3-18JJ330	81349			TS102U03	81350
CW123AU	80058	113		TS102U03	81350
CW123AU	80058	114		UG273U	81350
CW123AU	80058	0112		UG273U	80058
CW123AU	80058	0115		UG273U	80058
CX3277U	80058			UG273U	80058
FJ2D2R0JB	81349	F101		UP121M	80058
FJ2D2R0JB	81349	F102		342001SA2	P101
LM52	80058	E135		403A4026	75915
LM52	80058	E136		4891	31050
OA2WA	81350	5-3	V112	5ME519	28480
OA2WA	81350	5-3	V113	5MS533	28480
OA2WA	81350	5-3	V114	5R4WGA	81350
SCS2	96996		H107	6C4W	5-3
S230-64BB	75376	E153		6C4W	V116
S230-64BB	75376	E154		6C4W	81350
S308-64-40269	75376	E185		6C4W	5-2
S308-64-40269	75376	E186		6J6W	V103
S308-64BB	75376	E148		6J6W	81350
S308-64BB	75376	E149		6J6W	5-2
S308-64BB	75376	E150		6SL7WGT	V108
S308-64BB	75376	E149		6X5WGT	81350
S308-64BB	75376	E150		6X5WGT	5-2
S309-64BB	75376	E151		6Y6G	V117
S309-64BB	75376	E152		6Y6G	81350
S380-64DLB	75376	E146		7057	5-2
S380-64DLB	75376	E147		7084	V109
TS102U02	81350	E125		81-111	83315
TS102U02	81350	E126		81-117	72619
TS102U02	81350	E127		926C44	72619
TS102U02	81350	E128		926C44	07387
TS102U02	81350	E129		926C44	0110
TS102U02	81350	E130			0111

LATEST FEDERAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.
5305-208-1452		
5999-518-9185		H107

By Order of the Secretary of the Army:

FRED C. WEYAND
General, United States Army
Chief of Staff

Official:

VERNE L. BOWERS
Major General, United States Army
The Adjutant General

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ARADCOM (2)	Units org under fol TOE: 1 ea.
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OS Maj Comd (4)	9-87
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Svc colleges (1)	32-57
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USAFAFS (2)	44-237
USAARMS (2)	44-536
USAIS (2)	44-537
USAES (2)	44-545
AD (1) except	44-546
SAAD (30)	44-547
LBAD (14)	44-548

ARNG: State AG (3).

USAR: None.

For explanation of abbreviations used, see AR 310-50.

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

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PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.

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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigram = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

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