

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 alphameric 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 -

Code	Explanation
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
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.
PG-	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.
KD-	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.
KF-	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.
KB-	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO-	Item to be manufactured or fabricated at organizational level.
MF-	Item to be manufactured or fabricated at direct support maintenance level.
MH-	Item to be manufactured or fabricated at general support maintenance level.
MD-	Item to be manufactured or fabricated at depot 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>
XD-	Support items can be requisitioned with justification.

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) *Use (third position).* 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.

<i>Code</i>	<i>Application/Explanation</i>
O-	Support item is removed, replaced, used at the organizational level of maintenance.
NOTE	
A code "C" may be used in this position to denote crew or operator maintenance performed within organizational maintenance.	
F-	Support item is removed, replaced, used at the direct support maintenance level.
H-	Support item is removed, replaced, used at the general support maintenance.
D-	Support items that are removed, replaced, used at depot only.

(b) *Repair (fourth position).* 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-

<i>Code</i>	<i>Application/Explanation</i>
O-	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F-	The lowest maintenance level capable of complete repair of the support item is direct support.

<i>Code</i>	<i>Application/Explanation</i>
H-	The lowest maintenance level capable of complete repair of the support item is general support.
D-	The lowest maintenance level capable of complete repair of the support item is the depot level.
L-	Repair restricted to designated Specialized Repair Activity.
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.

(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-

<i>Code</i>	<i>Explanation</i>
Z-	Nonrepairable item. When unserviceable, condemn and dispose at the level indicated in the first digit of the maintenance code.
O-	Repairable item. When uneconomically repairable, condemn and dispose at organizational level.
F-	Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
H-	Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
D-	Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
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).

b. *Federal Stock Number.* Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. *Description.* 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

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 (see 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) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE USABLE ON CODE		(4) UNIT OF MEASUREMENT	(5) QTY. INC. IN UNIT	(6) 5-DAY ORGANIZATIONAL MAINTENANCE / W				(7) ILLUSTRATION	
						(a) 1-5	(b) 6-20	(c) 21-50	(d) 1-100	(a) FIGURE NO.	(b) ITEM NO.
PAUZZ	6145-635-4054	CABLE, POWER, ELECTRICAL W104C.....	AF9,AGA	FT	6	*	*	*	*		
PAOZZ	6145-284-0579	CABLE, POWER, ELECTRICAL W104C.....	AF9,AGA	FT	6	*	*	*	*		
PAOZZ	6145-504-1015	CABLE, POWER, ELECTRICAL CX-3277/U W104B.....	AGA	FT	6	*	*	*	*		
XDOZZ		CLAMP, ELECTRICAL W104D.....	AGA	EA	1	*	*	*	*		
PAOZZ	5935-149-3534	CONNECTOR, ADAPTER, ELECTRICAL UG-273/U E155...	AF9,AGA	EA	2	*	*	*	*		E155
PAOZZ	5935-149-3534	CONNECTOR, ADAPTER, ELECTRICAL UG-273/U E156...	AF9,AGA	EA	REF	*	*	*	*		E156
PAOZZ	5935-149-3534	CONNECTOR, ADAPTER, ELECTRICAL UG-273/U E157...	AF9,AGA	EA	REF	*	*	*	*		E157
PAUZZ	5935-149-4013	CONNECTOR, PLUG, ELECTRICAL W104A.....	AF9	EA	1	*	*	*	*		
XDOZZ		CONNECTOR, PLUG, ELECTRICAL W104B.....	AF9	EA	1	*	*	*	*		
PAOZZ	5935-149-3092	CONNECTOR, PLUG, ELECTRICAL P101.....	AGA	EA	1	*	*	*	*		P101
PAUZZ	5935-636-7145	CONNECTOR, RECEPTACLE, ELECTRICAL UP-121 M P101	AGA	EA	1	*	*	*	*		P101
PAOZZ	5935-518-9185	CAP, ELECTRICAL E138A,E139A.....	B30,B31,B32,B33	EA	2	*	*	*	*		
XDOZZ		CAP, ELECTRICAL CW-123A/U O112.....	B30,B31,B32,B33	EA	4	*	*	*	*		O112
XDOZZ		CAP, ELECTRICAL CW-123A/U O113.....	B30,B31,B32,B33	EA	REF	*	*	*	*		O113
XDOZZ		CAP, ELECTRICAL CW-123A/U O114.....	B30,B31,B32,B33	EA	REF	*	*	*	*		O114
XDOZZ		CAP, ELECTRICAL CW-123A/U O115.....	B30,B31,B32,B33	EA	REF	*	*	*	*		O115
PAUZZ	5960-503-4880	ELECTRON TUBE V112.....	B30,B31,B32,B33	EA	3	*	*	*	*	5-3	V112
PAOZZ	5960-503-4880	ELECTRON TUBE V113.....	B30,B31,B32,B33	EA	REF	*	*	*	*	5-3	V113
PAUZZ	5960-503-4880	ELECTRON TUBE V114.....	B30,B31,B32,B33	EA	REF	*	*	*	*	5-3	V114
PAOZZ	5960-262-1703	ELECTRON TUBE V116.....	B30,B31,B32,B33	EA	1	*	*	*	*	5-3	V116
PAOZZ	5960-235-8215	ELECTRON TUBE V103.....	B30,B31,B32,B33	EA	4	*	*	*	*	5-2	V103
PAOZZ	5960-235-8215	ELECTRON TUBE V106.....	B30,B31,B32,B33	EA	REF	*	*	*	*	5-2	V106
PAOZZ	5960-235-8215	ELECTRON TUBE V108.....	B30,B31,B32,B33	EA	REF	*	*	*	*	5-2	V108
PAUZZ	5960-235-8215	ELECTRON TUBE V110.....	B30,B31,B32,B33	EA	REF	*	*	*	*	5-2	V110
PAOZZ	5960-262-0160	ELECTRON TUBE V102.....	B30,B31,B32,B33	EA	3	*	*	*	*	5-2	V102
PAUZZ	5960-262-0160	ELECTRON TUBE V104.....	B30,B31,B32,B33	EA	REF	*	*	*	*	5-2	V104
PAOZZ	5960-262-0160	ELECTRON TUBE V107.....	B30,B31,B32,B33	EA	REF	*	*	*	*	5-2	V107
PAOZZ	5960-188-0883	ELECTRON TUBE V101.....	B30,B31,B32,B33	EA	1	*	*	*	*	5-2	V101
PAOZZ	5960-188-0926	ELECTRON TUBE V105.....	B30,B31,B32,B33	EA	2	*	*	*	*	5-2	V105
PAUZZ	5960-188-0926	ELECTRON TUBE V117.....	B30,B31,B32,B33	EA	REF	*	*	*	*	5-4	V117
XDOZZ		ELECTRON TUBE V109.....	B30,B31,B32,B33	EA	2	*	*	*	*	5-2	V109
XDOZZ		ELECTRON TUBE V115.....	B30,B31,B32,B33	EA	REF	*	*	*	*	5-4	V115
XDOZZ		FUSE, CARTRIDGE F101.....	B30,B31,B32,B33	EA	2	*	*	*	*		F101
XDOZZ		FUSE, CARTRIDGE F102.....	B30,B31,B32,B33	EA	REF	*	*	*	*		F102
PAUZZ	6625-510-4677	GASKET O184.....	B30,B31,B32,B33	EA	1	*	*	*	*		O184
PAUZZ	5330-510-4678	GASKET O154.....	B30,B31,B32,B33	EA	1	*	*	*	*		O154
XDOZZ		KN08 E185.....	B30,B31,B32,B33	EA	2	*	*	*	*		E185
XDOZZ		KN08 E186.....	B30,B31,B32,B33	EA	REF	*	*	*	*		E186
PAUZZ	5355-543-7183	KN08 E148.....	B30,B31,B32,B33	EA	3	*	*	*	*		E148
PAUZZ	5355-543-7183	KN08 E149.....	B30,B31,B32,B33	EA	REF	*	*	*	*		E149

SECTION III

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE USABLE ON CODE		(4) UNIT OF EA	(5) QTY. INC IN UNIT	(6) 5-DAY ORGANIZATIONAL MAINTENANCE ALLOW				(7) ILLUSTRATION	
						(a)	(b)	(c)	(d)	(a)	(b)
						1-5	6-20	21-50	1-100	FIGURE NO.	ITEM NO.
AQZZ	5355-543-7183	(NOBE150..... 308-6488B (75376).....	B30,831	EA	REF	*	*	*	*		E150
AQZZ	5355-543-7183	(NOBE148..... 308-6488B (75376).....	B32,833	EA	1	*	*	*	*		E148
AQZZ	5355-644-2206	(NOB E151..... 309-6488B (75376).....	B30,831,832,833	EA	2	*	*	*	*		E151
AQZZ	5355-644-2206	(NOB E152..... 309-6488B (75376).....	B30,831,832,833	EA	REF	*	*	*	*		E152
AQZZ	5355-284-5143	(NOBE153..... 230-6488 (75376).....	B30,831,832,833	EA	2	*	*	*	*		E153
AQZZ	5355-284-5143	(NOBE154..... 230-6488 (75376).....	B30,831,832,833	EA	REF	*	*	*	*		E154
AQZZ	5355-644-1063	(NOB E149..... 308-6488DLB (75376).....	B32,833	EA	2	*	*	*	*		E149
AQZZ	5355-644-1063	(NOB E150..... 308-6488DLB (75376).....	B32,833	EA	REF	*	*	*	*		E150
AQZZ	5355-284-5161	(NOB E146..... 380-64DLB (75376).....	B30,831,832	EA	2	*	*	*	*		E146
AQZZ	5355-284-5161	(NOB E147..... 380-64DLB (75376).....	B30,831,832	EA	REF	*	*	*	*		E147
AQZZ	6240-155-8706	LAMP, LM-52 E135..... M52 (80058).....	B30,831,832,833	EA	2	*	*	*	*		E135
AQZZ	6240-155-8706	LAMP, LM-52 E136..... M52 (80058).....	B30,831,832,833	EA	REF	*	*	*	*		E136
AQZZ	6210-243-0056	LENS, INDICATOR LIGHT I108A..... 11-117 (72619).....	B30,831,832,833	EA	1	*	*	*	*		
AQZZ	6120-247-1778	LENS, INDICATOR LIGHT I107A..... 11-111 (72619).....	B30,831,832,833	EA	1	*	*	*	*		
AQZZ	5960-270-3320	RETAINER, ELECTRON TUBE O109..... 26C44 (07387).....	B30,831,832	EA	3	*	*	*	*		O109
AQZZ	5960-270-3320	RETAINER, ELECTRON TUBE O110..... 26C44 (07387).....	B30,831,832	EA	REF	*	*	*	*		O110
AQZZ	5960-270-3320	RETAINER, ELECTRON TUBE O111..... 26C44 (07387).....	B30,831,832	EA	REF	*	*	*	*		O111
AQZZ	5305-208-1482	SCREW, EXTERNALLY RELIEVED BODY H107..... CS2 (96906).....	B31	EA	8	*	*	*	*		H107
XDOZZ		SHIELD, ELECTRON TUBE E125..... FS102U02 (81350).....	B30,831,832,833	EA	7	*	*	*	*		E125
XDOZZ		SHIELD, ELECTRON TUBE E126..... FS102U02 (81350).....	B30,831,832,833	EA	REF	*	*	*	*		E126
XDOZZ		SHIELD, ELECTRON TUBE E127..... FS102U02 (81350).....	B30,831,832,833	EA	REF	*	*	*	*		E127
XDOZZ		SHIELD, ELECTRON TUBE E128..... FS102U02 (81350).....	B30,831,832,833	EA	REF	*	*	*	*		E128
XDOZZ		SHIELD, ELECTRON TUBE E129..... FS102U02 (81350).....	B30,831,832,833	EA	REF	*	*	*	*		E129
XDOZZ		SHIELD, ELECTRON TUBE E130..... FS102U02 (81350).....	B30,831,832,833	EA	REF	*	*	*	*		E130
XDOZZ		SHIELD, ELECTRON TUBE E131..... FS102U02 (81350).....	B30,831,832,833	EA	REF	*	*	*	*		E131
XDOZZ		SHIELD, ELECTRON TUBE E132..... FS102U03 (81350).....	B30,831,832,833	EA	3	*	*	*	*		E132
XDOZZ		SHIELD, ELECTRON TUBE E133..... FS102U03 (81350).....	B30,831,832,833	EA	REF	*	*	*	*		E133
XDOZZ		SHIELD, ELECTRON TUBE E134..... FS102U03 (81350).....	B30,831,832,833	EA	REF	*	*	*	*		E134

SECTION V

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	5-4	V117
			5960-235-8215	5-2	V103
			5960-235-8215	5-2	V106
5355-284-5143		E153	5960-235-8215	5-2	V108
5355-284-5143		E154	5960-235-8215	5-2	V110
5355-284-5161		E146	5960-262-0160	5-2	V102
5355-284-5161		E147	5960-262-0160	5-2	V104
5355-543-7183		E148	5960-262-0160	5-2	V107
5355-543-7183		E149	5960-262-1703	5-3	V116
5355-543-7183		E150	5960-270-3326		0109
5355-644-1063		E149	5960-270-3326		0110
5355-644-1063		E150	5960-270-3326		0111
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	5-3	V112
			5960-503-4880	5-3	V113
			5960-503-4880	5-3	V114
			6120-247-1778		
			6145-284-0579		
			6145-504-1015		
			6145-635-4054		
5935-636-7145		P101	6210-243-0056		
			6240-155-8706		E135
			6240-155-8706		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	FIG. NO.	ITEM NO.
AN3057-4	81350			TS102U02	81350		E131
C003MGF3-16JJ330	81349			TS102U03	81350		E132
CW123AU	80058		113	TS102U03	81350		E133
CW123AU	80058		114	TS102U03	81350		E134
CW123AU	80058		0112	UG273U	80058		E155
CW123AU	80058		0115	UG273U	80058		E156
CX3277U	80058			UG273U	80058		E157
FJ2D2R0JB	81349		F101	UP121M	80058		P101
FJ2D2X0JB	81349		F102	342001SA2	75915		
LM52	80058		E135	403A4026	31050		
LM52	80058		E136	4891	81350		P101
OA2WA	81350	5-3	V112	5ME519	28480		0154
OA2WA	81350	5-3	V113	5MS533	28480		0184
OA2WA	81350	5-3	V114	5R4WGA	81350	5-3	V116
SCS2	96976		H107	6C4W	81350	5-2	V103
S230-648B	75376		E153	6C4W	81350	5-2	V106
S230-648B	75376		E154	6C4W	81350	5-2	V108
S308-64-40269	75376		E185	6C4W	81350	5-2	V110
S308-64-40269	75376		E186	6J6W	81350	5-2	V102
S308-6488B	75376		E148	6J6W	81350	5-2	V104
S308-6488B	75376		E149	6J6W	81350	5-2	V107
S308-6488B	75376		E150	6SL7WGT	81350	5-2	V101
S308-64880LB	75376		E149	6X5WGT	81350	5-2	V105
S308-64880LB	75376		E150	6X5WGT	81350	5-4	V117
S309-6488B	75376		E151	6Y6G	81350	5-2	V109
S309-6488B	75376		E152	6Y6G	81350	5-4	V115
S380-640LB	75376		E146	7057	83315		
S380-640LB	75376		E147	7084	83315		
TS102U02	81350		E125	81-111	72619		
TS102U02	81350		E126	81-117	72619		
TS102U02	81350		E127	926C44	07387		0109
TS102U02	81350		E128	926C44	07387		0110
TS102U02	81350		E129	926C44	07387		0111
TS102U02	81350		E130				

LATEST FEDERAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.
5305-208-1482		
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

Distribution:

Active Army:

USASA (2)	TOAD (14)
CNGB (1)	ATAD (10)
ACSC-E (2)	USA Dep (2)
Dir of Trans (1)	Sig Sec USA Dep (2)
COE (1)	Sig Dep (2)
TSG (1)	ATS (1)
USAARENBD (1)	MAAG(1)
AMC (1)	WRAMC (1)
MICOM (2)	USARMIS (1)
TECOM (2)	USAERDAA (1)
HISA Ft Monmouth) (18)	USAERDAW (1)
USACC (4)	Sig FLDMS (1)
TRADOC (2)	Ft Richardson (ECOM Ofc) (2)
ARADCOM (2)	Units org under fol TOE: 1 ea.
ARADCOM Rgn (2)	9-47
OS Maj Comd (4)	9-87
LOGCOMD (3)	9-227
MDW (1)	11-16
Armies (2)	11-96
corps (2)	11-97
Ft Gordon (10)	11-98
Ft Huachuca (10)	11-117
Ft Carson (5)	11-500(AA-AC)
WSMR (1)	32-56
Svc colleges (1)	32-57
USASESS (5)	44-102
USAINTCs (3)	44-235
USAADS (2)	44-236
USAFAS (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



THEN...JOT DOWN THE
DOPE ABOUT IT ON THIS FORM.
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AND DROP IT IN THE MAIL.

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PUBLICATION DATE

PUBLICATION TITLE

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PAGE
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GRAPH

FIGURE
NO.

TABLE
NO.

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

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DA FORM 1 JUL 79 2028-2

PREVIOUS EDITIONS
ARE OBSOLETE.

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR
RECOMMENDATION MAKE A CARBON COPY OF THIS
AND GIVE IT TO YOUR HEADQUARTERS.

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 decigrams = .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 milliliters = .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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NO PIN ASSIGNED PER CECOM S&I