

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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General Support Maintenance Repair Parts and Special Tools Lists  
BAROMETERS ML-102-B, D, E, F, AND G

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Headquarters, Department of the Army, Washington, D.C.  
8 December 1971

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*Current as of 21 July 1971*

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\*This manual supersedes TM 11-6685-202-12P, 11 June 1959, and TM 11-6685-202-35P, 11 June 1959.

# SECTION I INTRODUCTION

## 1-1. Scope

This manual lists repair parts required for the performance of depot maintenance of the ML-102-B, D, E, F, and G. No parts authorized are at direct and general support categories of maintenance.

### Note

No special tools, test, or support equipment is required.

## 1-2. General

This repair parts list is divided into the following sections:

*a. Repair Parts for DS, GS, and Depot Maintenance - Section II.* A list of repair parts authorized for the performance of maintenance at the depot level.

*b. Index-Federal Stock Number Cross-Reference to Figure and Item Number or Reference Designation - Section III.* A list of Federal stock numbers in ascending numerical sequence cross-referenced to figure number and reference designation.

*c. Index-Reference Number Cross-Reference to Figure Number and Reference Designation or Item Number-Section IV.* A list of reference numbers, appearing in ascending alpha numerical sequence, cross-referenced to figure number and reference designation.

*d. Index-Reference Designation Cross-Reference to Page Number-Section V.* A list of reference designations cross-referenced to page numbers.

## 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 codes indicate the selection status and source for the listed item. Source codes used are:-

Code	Explanation
P -	Repair parts which are stocked in or supplied from the GSA/DSA or Army supply system and authorized for use at indicated maintenance categories.
P 2 -	Repair parts which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system.
P 9 -	Assigned to items which are NSA design controlled: unique repair parts, special tools, test, measuring and diagnostic equipment, which are stocked and supplied by the Army COMSEC logistic system, and which are not subject to the provisions of AR 380-41.

Code	Explanation
P10-	Assigned to items which are NSA design controlled: special tools, test, measuring and diagnostic equipment for COMSEC support, which are accountable under the provisions of AR 380-41, and which are stocked and supplied by the Army COMSEC logistic system.
M -	Repair parts which are not procured or stocked, but are to be manufactured at indicated maintenance levels.
A -	Assemblies which are not procured or stocked as such, but are made up of two or more units. Such component units carry individual stock numbers and descriptions, are procured and stocked separately and can be assembled to form the required assembly at indicated maintenance categories.
X -	Parts and assemblies which are not procured or stocked and the mortality of which normally is below that of the applicable end item or component. The failure of such part or assembly should result in retirement of the end item from the supply system.
X1-	Repair parts which are not procured or stocked. The requirement for such items will be filled by use of the next higher assembly or component.
X2-	Repair parts which are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain same through cannibalization. Where such repair parts are not obtainable through cannibalization, requirements will be requisitioned, with accompanying justification, through normal supply channels.
G -	Major assemblies that are procured with PEMA funds for initial issue only as exchange assemblies at DSU and GSU level. These assemblies will not be stocked above DS and GS level or returned to depot supply level.

(2) Maintenance code indicates the lowest category of maintenance authorized to install the listed item. The maintenance level code is:-

Code	Explanation
D . . . . .	Depot Maintenance

(3) Recoverability codes indicate whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:-

<i>Code</i>	<i>Manufacturer</i>
R -	Repair parts and assemblies that are economically repairable at DSU and GSU activities and are normally furnished by supply on an exchange basis.
S -	Repair parts and assemblies which are economically repairable at DSU and GSU activities and which normally are furnished by supply on an exchange basis. When items are determined by a GSU to be uneconomically repairable, they will be evacuated to a depot for evaluation and analysis before final disposition.
T -	High dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts normally are repaired or overhauled at depot maintenance activities.
U -	Repair parts specifically selected for salvage by reclamation units because of precious metal content, critical materials, or high dollar value reusable casings or castings.

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

*c. Description.* This column indicates the Federal item name and any additional description of the item required. The index number has been included as part of the description to aid in the location of "same as items". A part number, or other reference number, is followed by the applicable five-digit Federal supply code for manufacturers in parentheses.

*d. Unit of Measure (U/M).* A two-character alphabetical abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft, ea, pr, etc.

*e. Quantity Incorporated in Unit.* This column indicates the quantity of the item used in ML-102-B, D, E, F, and G.

*f. Allowances (1 year per Equipment (Contingency) and Depot Maintenance).* These columns do not reflect quantitative allowances for stockage. However, items authorized for use as required are identified with an asterisk.

*g. Illustrations.*

(1) *Figure number.* Indicates the figure number in which the item is shown.

(2) *Item number or reference designation.* Indicates the reference designation and item number, shown in parentheses, used to identify the item in the illustration.

#### 1-4. Special Information

The following publications pertain to ML-102-B, D, E, F, and G and their components:

TM 11-427 . . . . . Barometers ML-102-B, ML-102-D, ML-102-E, ML-102-F, and ML-102-G, and ML-316/TM.

#### 1-5. Location of Repair Parts

*a.* This manual contains three cross-reference indexes (secs III, IV, and V) to be used to locate a repair part when either the Federal stock number, reference number (manufacturers part number), or reference designation is known. The first column in each index is prepared in numerical or alpha-numerical sequence in ascending order. Where a Federal stock number is listed, refer to section III. Where a Federal stock number is not listed, refer to section IV.

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

(1) Refer to section III or section IV and note the applicable figure and reference designation.

(2) When the reference designation is determined, refer to the reference designation index (sec. IV). The reference designations are listed in alphanumeric ascending order and are cross-referenced to the page number on which they appear in the repair parts list (sec. II). Refer to the page number noted in the index and locate the reference designation in the repair parts list (col. 10b). If the description column indicates that it is a "SAME AS" item, locate the first appearance of the item by the index number (sequence number) referenced.

*c.* When the reference designation is known, follow the procedures given in *b(2)* above.

*d.* When neither the FSN, reference number, nor reference designation is known, identify the part in the illustration and follow directions given in *c* above, or scrutinize column 3 of the repair parts list (sec. II).

#### 1-6. Federal Supply Code for Manufacturers

<i>Code</i>	<i>Manufacturer</i>
79172 . . . . .	Wallace and Tiernan, Inc.
80063 . . . . .	Army Electronics Command

#### 1-7. Recommendations for Maintenance Publications 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 forwarded direct to Commanding General, US Army Electronics Command, ATTN: AMSEL-MA-C, Fort Monmouth, N. J. 07703.

SECTION DEPOT MAINTENANCE (CONTINUED)			(4)	(5)	(6)	(7)	(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF MEAS	QTY INC IN UNIT	30-DAY ALLOWANCE	DS MAINT	30-DAY ALLOWANCE	1 YR ALW EQUIP CNTGCTY	DEPOT MAINT ALW PER FIG	ILLUSTRATIONS (A) ITEM NO OR REFERENCE DESIGNATION	
		REFERENCE NUMBER & MFR. CODE	USABLE ON CODE		(A) 1-20	(B) 21-50	(C) 51-100	(A) 1-20	(B) 21-50	(C) 51-100	
	6660-223-5073	A001 BAROMETERS ML-102-B,D,E,F,G, (THIS ITEM IS NONEXPENDABLE)	EA	1							1
X1-D		A002 CATCH: FP6942 (79172)	EA	1							1MP1
X1-D		A003 SCREW, MACHINE: PE789 (79172)	EA	2							1MP1H2
X1-D		A004 CHART UNIT: FU3159 (79172)	EA	1							1MP2
X1-D		A005 SCREW, MACHINE: PE18261 (79172)	EA	4							1MP2H4
P-D	5305-297-7483	A006 SCREW, MACHINE: FP4046 (79172)	EA	1				*	*		1MP3
P-D	6660-194-0818	A007 WINDOW, METER: FP4053 (79172)	EA	1							1MP4
X1-D		A008 SCREW, MACHINE: FP4059 (79172)	EA	4							1MP4H4
X2-D	5310-596-4643	A009 WASHER, FLAT: FP4003 (79172)	EA	4							1MP4H4
X1-D		A010 DIAL UNIT: FU3542 (79172)	EA	1							1MP5
X1-D		A011 SCREW, MACHINE: FP4057 (79172)	EA	3							1MP5H3
P-D	6687-353-5779	A012 MOUNT, RESILIENT: FP4026 (79172)	EA	4				*	*		1MP6
X1-D		A013 MECHANISM ASSEMBLY: FU4497 (79172)	EA	1							1A1
P-D	5355-668-9165	A014 POINTER: FU1900 (79172)	EA	1				*	*	1	(6) 1A1MP1
X2-D	6625-349-4888	A015 WEIGHT, BALANCE: FP5598 (79172)	EA	2						1	(2) 1A1MP2
X1-D		A016 SCREW, MACHINE: P19370 (79172)	EA	4							1A1MP2H2
X1-D		A017 ARM, BALANCE: FP9008 (79172)	EA	1							1A1MP3
X1-D		A018 SCREW, MACHINE: SAME AS A016	EA	1							1A1MP3H1
X1-D		A019 NUT, KNURLED: FP374 (79172)	EA	2							1A1H2
X1-D		A020 CAPSULE UNIT: FU4106 (79172)	EA	1						1	(7) 1A1MP4
X1-D		A021 SCREW, MACHINE: SAME AS A016	EA	1							1A1H1
X1-D		A022 ZERO SPRING: FP8442 (79172)	EA	1						1	(9) 1A1MP5
X1-D		A023 MECHANISM SUBASSEMBLY: FU3999 (79172)	EA	1							1A1A1
X1-D		A024 BLOCK, CAPSULE CLAMP: FP8843 (79172)	EA	1							1A1A1MP1
X1-D		A025 SCREW, MACHINE P40614 (79172)	EA	2							1A1A1MP1H2
X1-D		A026 WASHER, LOCK: P13000 (79172)	EA	7							1A1A1MP1H2
X1-D		A027 WASHER, FLAT: PN17860 (79172)	EA	5							1A1A1MP1H2
X1-D		A028 RING, RETAINING: P38153 (79172)	EA	1							1A1A1MP2
X1-D		A029 ZERO ADJUST, STUD UNIT: FU4230 (79172)	EA	1						1	(8) 1A1A1MP3

SECTION DEPOT MAINTENANCE (CONTINUED)			(4)	(5)	(6)	(7)	(8)	(9)	(10)	
SMR	FEDERAL	DESCRIPTION	UNIT	QTY	INC IN	30-DAY DS MAINT	30-DAY GS MAINT	1 YR	DEPOT	ILLUSTRATIONS
CODE	STOCK		OF	INC	ALLOWANCE	ALLOWANCE	ALLOWANCE	ALW PER	MAINT	(A)
NUMBER	NUMBER	REFERENCE NUMBER & MFR. CODE	MEAS	UNIT	(A)	(B)	(C)	EQUIP	ALW PER	(B)
			USABLE ON		1-20	21-50	51-100	CNTGNCY	100	ITEM NO OR
			CODE						EQUIP	REFERENCE
										DESIGNATION
X1-D		A030 STOP, CAPSULE: FP8357 (79172)	EA	1						1A1A1MP4
X1-D		A031 SCREW, MACHINE: P37495 (79172)	EA	4						1A1A1MP4H2
X1-D		A032 WASHER, LOCK: SAME AS A026	EA	2						1A1A1MP4H2
X1-D		A033 WASHER, FLAT: SAME AS A027	EA	2						1A1A1MP4H2
X1-D		A034 SUPPORT UNIT: FUXB4408 (79172)	EA	1						1A1A1A1
X1-D		A035 SCREW, MACHINE: PN14614 (79172)	EA	2						1A1A1A1H1
X1-D		A036 WASHER, LOCK: P13662 (79172)	EA	5						1A1A1A1H1
X1-D		A037 BEARING: FU3898 (79172)	EA	1						1A1A1A1MP1
X1-D		A038 SUPPORT: FP9229 (79172)	EA	1						1A1A1A1MP2
X1-D		A039 SHAFT, POINTER: FUXB3997 (79172)	EA	1					1	(5) 1A1A1MP5
X1-D		A040 BEARING, JEWEL: FU4409 (79172)	EA	1						1A1A1MP6
X1-D		A041 NUT, PLAIN, HEXAGON: PNN5345 (79172)	EA	1						1A1A1MP6H1
X1-D		A042 STUD: FP8842 (79172)	EA	3						1A1A1MP7
X1-D		A043 LEG, SUPPORT: FP4075 (79172)	EA	3						1A1A1MP8
X1-D		A044 WASHER, LOCK: SAME AS A036	EA	3						1A1A1H3
X1-D		A045 ROD, ACTUATOR: FU4032 (79172)	EA	1					1	(14) 1A1A1MP9
X1-D		A046 SCREW, MACHINE: P26416 (79172)	EA	1						1A1A1H1
X1-D		A047 SEGMENT UNIT, BACKLASH SPRING, AND FLEXURE: FU3915 (79172)	EA	1					1	(4) 1A1A1MP10
X1-D		A048 SCREW, MACHINE: SAME AS A031	EA	1						1A1A1MP10H1
X1-D		A049 WASHER, FLAT: FP8856 (79172)	EA	1						1A1A1MP10H1
X1-D		A050 PLATE: FP8844 (79172)	EA	1						1A1A1MP11
X1-D		A051 SCREW, MACHINE: PN6113 (79172)	EA	1						1A1A1MP11H1
X1-D		A052 POST: FP8841 (79172)	EA	1						1A1A1MP12
X1-D		A053 SCREW, MACHINE: SAME AS A035	EA	1						1A1A1MP12H1
X1-D		A054 WASHER, LOCK: SAME AS A036	EA	1						1A1A1MP12H1
X1-D		A055 HINGE, BLOCK: FP8358 (79172)	EA	1					1	(1) 1A1A1MP13
X1-D		A056 SCREW, MACHINE P37497 (79172)	EA	2						1A1A1MP13H2
X1-D		A057 WASHER, LOCK SAME AS A026	EA	2						1A1A1MP13H2
X1-D		A058 STOP, ROD: FP8576 (79172)	EA	1					1	(13) 1A1A1MP14
X1-D		A059 SCREW, MACHINE SAME AS A031	EA	1						1A1A1MP14H1

SECTION DEPOT MAINTENANCE (CONTINUED)			(4)	(5)	(6)	(7)	(8)	(9)	(10)	
SMR	FEDERAL	DESCRIPTION	UNIT	QTY	INC IN	30-DAY DS MAINT	30-DAY GS MAINT	1 YR	DEPOT	ILLUSTRATIONS
CODE	STOCK		OF	IN	ALLOWANCE	ALLOWANCE	ALLOWANCE	ALW PER	MAINT	(A)
NUMBER	NUMBER	REFERENCE NUMBER & MFR. CODE	MEAS	UNIT	(A)	(B)	(C)	EQUIP	ALW PER	(B)
			USABLE ON		1-20	21-50	51-100	CNTGNCY	100	ITEM NO OR
			CODE						EQUIP	REFERENCE
										DESIGNATION
X1-D		A030 STOP, CAPSULE: FP8357 (79172)	EA	1						1A1A1MP4
X1-D		A031 SCREW, MACHINE: P37495 (79172)	EA	4						1A1A1MP4H2
X1-D		A032 WASHER, LOCK: SAME AS A026	EA	2						1A1A1MP4H2
X1-D		A033 WASHER, FLAT: SAME AS A027	EA	2						1A1A1MP4H2
X1-D		A034 SUPPORT UNIT: FUXB4408 (79172)	EA	1						1A1A1A1
X1-D		A035 SCREW, MACHINE: PN14614 (79172)	EA	2						1A1A1A1H1
X1-D		A036 WASHER, LOCK: P13662 (79172)	EA	5						1A1A1A1H1
X1-D		A037 BEARING: FU3898 (79172)	EA	1						1A1A1A1MP1
X1-D		A038 SUPPORT: FP9229 (79172)	EA	1						1A1A1A1MP2
X1-D		A039 SHAFT, POINTER: FUXB3997 (79172)	EA	1					1	(5) 1A1A1MP5
X1-D		A040 BEARING, JEWEL: FU4409 (79172)	EA	1						1A1A1MP6
X1-D		A041 NUT, PLAIN, HEXAGON: PNN5345 (79172)	EA	1						1A1A1MP6H1
X1-D		A042 STUD: FP8842 (79172)	EA	3						1A1A1MP7
X1-D		A043 LEG, SUPPORT: FP4075 (79172)	EA	3						1A1A1MP8
X1-D		A044 WASHER, LOCK: SAME AS A036	EA	3						1A1A1H3
X1-D		A045 ROD, ACTUATOR: FU4032 (79172)	EA	1					1	(14) 1A1A1MP9
X1-D		A046 SCREW, MACHINE: P26416 (79172)	EA	1						1A1A1H1
X1-D		A047 SEGMENT UNIT, BACKLASH SPRING, AND FLEXURE: FU3915 (79172)	EA	1					1	(4) 1A1A1MP10
X1-D		A048 SCREW, MACHINE: SAME AS A031	EA	1						1A1A1MP10H1
X1-D		A049 WASHER, FLAT: FP8856 (79172)	EA	1						1A1A1MP10H1
X1-D		A050 PLATE: FP8844 (79172)	EA	1						1A1A1MP11
X1-D		A051 SCREW, MACHINE: PN6113 (79172)	EA	1						1A1A1MP11H1
X1-D		A052 POST: FP8841 (79172)	EA	1						1A1A1MP12
X1-D		A053 SCREW, MACHINE: SAME AS A035	EA	1						1A1A1MP12H1
X1-D		A054 WASHER, LOCK: SAME AS A036	EA	1						1A1A1MP12H1
X1-D		A055 HINGE, BLOCK: FP8358 (79172)	EA	1					1	(1) 1A1A1MP13
X1-D		A056 SCREW, MACHINE P37497 (79172)	EA	2						1A1A1MP13H2
X1-D		A057 WASHER, LOCK SAME AS A026	EA	2						1A1A1MP13H2
X1-D		A058 STOP, ROD: FP8576 (79172)	EA	1					1	(13) 1A1A1MP14
X1-D		A059 SCREW, MACHINE SAME AS A031	EA	1						1A1A1MP14H1

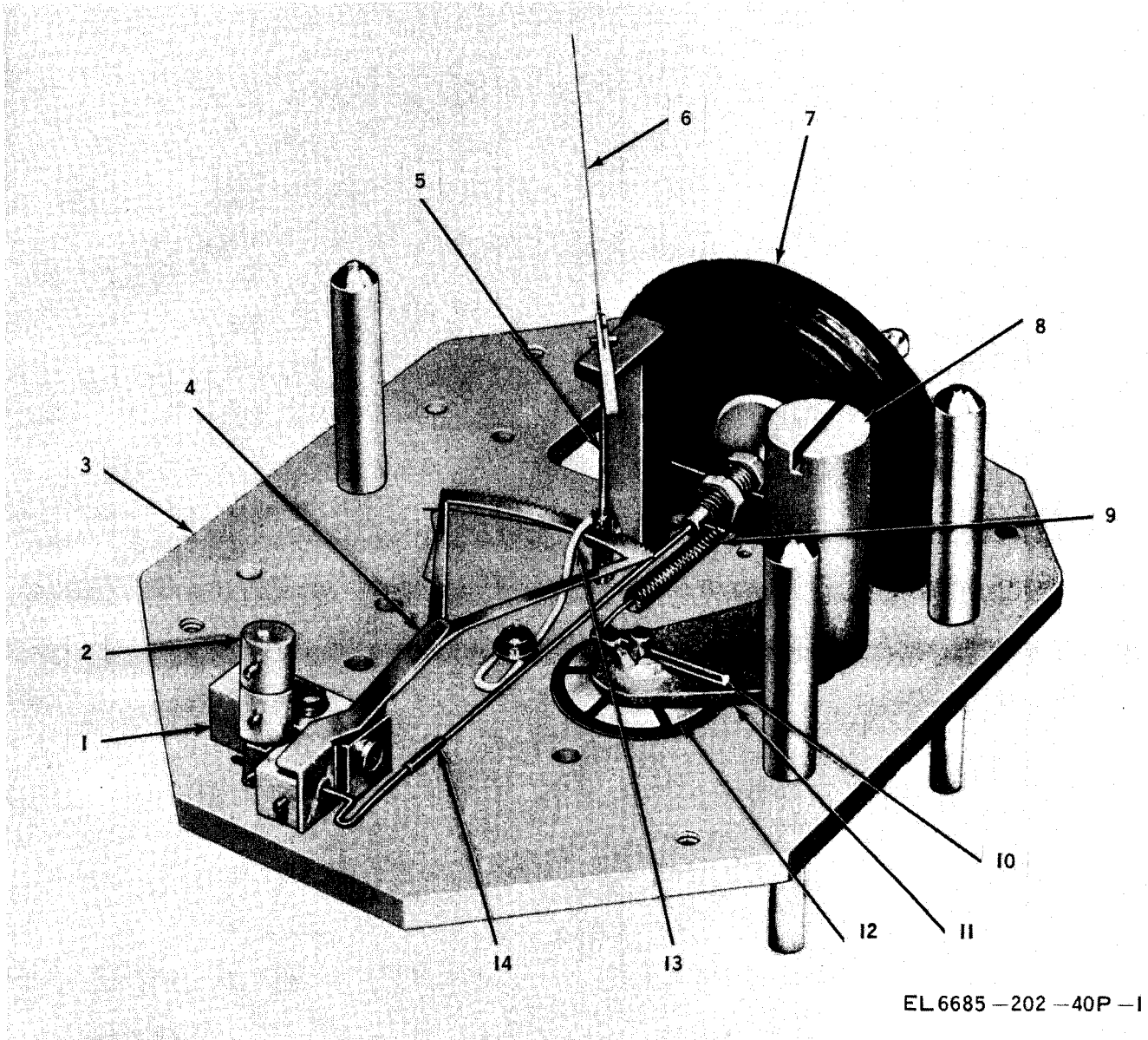
SECTION DEPOT MAINTENANCE (CONTINUED)			(4)	(5)	(6)	(7)	(8)	(9)	(10)	
SMR	FEDERAL	DESCRIPTION	UNIT	QTY	INC IN	30-DAY DS MAINT	30-DAY GS MAINT	1 YR	DEPOT	ILLUSTRATIONS
CODE	STOCK		OF	INC	ALLOWANCE	ALLOWANCE	ALLOWANCE	ALW PER	MAINT	(A)
	NUMBER		MEAS	UNIT	(A)	(B)	(C)	EQUIP	ALW PER	(B)
		REFERENCE NUMBER & MFR. CODE	USABLE ON		1-20	21-50	51-100	CNTGNCY	100	ITEM NO OR
			CODE					EQUIP	EQUIP	REFERENCE
										DESIGNATION
X1-D		A030 STOP, CAPSULE: FP8357 (79172)	EA	1						1A1A1MP4
X1-D		A031 SCREW, MACHINE: P37495 (79172)	EA	4						1A1A1MP4H2
X1-D		A032 WASHER, LOCK: SAME AS A026	EA	2						1A1A1MP4H2
X1-D		A033 WASHER, FLAT: SAME AS A027	EA	2						1A1A1MP4H2
X1-D		A034 SUPPORT UNIT: FUXB4408 (79172)	EA	1						1A1A1A1
X1-D		A035 SCREW, MACHINE: PN14614 (79172)	EA	2						1A1A1A1H1
X1-D		A036 WASHER, LOCK: P13662 (79172)	EA	5						1A1A1A1H1
X1-D		A037 BEARING: FU3898 (79172)	EA	1						1A1A1A1MP1
X1-D		A038 SUPPORT: FP9229 (79172)	EA	1						1A1A1A1MP2
X1-D		A039 SHAFT, POINTER: FUXB3997 (79172)	EA	1					1	(5) 1A1A1MP5
X1-D		A040 BEARING, JEWEL: FU4409 (79172)	EA	1						1A1A1MP6
X1-D		A041 NUT, PLAIN, HEXAGON: PNN5345 (79172)	EA	1						1A1A1MP6H1
X1-D		A042 STUD: FP8842 (79172)	EA	3						1A1A1MP7
X1-D		A043 LEG, SUPPORT: FP4075 (79172)	EA	3						1A1A1MP8
X1-D		A044 WASHER, LOCK: SAME AS A036	EA	3						1A1A1H3
X1-D		A045 ROD, ACTUATOR: FU4032 (79172)	EA	1					1	(14) 1A1A1MP9
X1-D		A046 SCREW, MACHINE: P26416 (79172)	EA	1						1A1A1H1
X1-D		A047 SEGMENT UNIT, BACKLASH SPRING, AND FLEXURE: FU3915 (79172)	EA	1					1	(4) 1A1A1MP10
X1-D		A048 SCREW, MACHINE: SAME AS A031	EA	1						1A1A1MP10H1
X1-D		A049 WASHER, FLAT: FP8856 (79172)	EA	1						1A1A1MP10H1
X1-D		A050 PLATE: FP8844 (79172)	EA	1						1A1A1MP11
X1-D		A051 SCREW, MACHINE: PN6113 (79172)	EA	1						1A1A1MP11H1
X1-D		A052 POST: FP8841 (79172)	EA	1						1A1A1MP12
X1-D		A053 SCREW, MACHINE: SAME AS A035	EA	1						1A1A1MP12H1
X1-D		A054 WASHER, LOCK: SAME AS A036	EA	1						1A1A1MP12H1
X1-D		A055 HINGE, BLOCK: FP8358 (79172)	EA	1					1	(1) 1A1A1MP13
X1-D		A056 SCREW, MACHINE P37497 (79172)	EA	2						1A1A1MP13H2
X1-D		A057 WASHER, LOCK SAME AS A026	EA	2						1A1A1MP13H2
X1-D		A058 STOP, ROD: FP8576 (79172)	EA	1					1	(13) 1A1A1MP14
X1-D		A059 SCREW, MACHINE SAME AS A031	EA	1						1A1A1MP14H1

SECTION DEPOT MAINTENANCE (CONTINUED)			(4)	(5)	(6)			(7)			(8)	(9)	(10)	
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION	USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY ALLOWANCE	DS MAINT	30-DAY ALLOWANCE	GS MAINT	1 YR EQUIP CNTGCTY	DEPOT ALW PER 100 EQUIP	MAINT PER FIG	(A) ITEM NO	(B) OR REFERENCE DESIGNATION
		REFERENCE NUMBER & MFR. CODE				(A)	(B)	(C)	(A)	(B)	(C)			
XI-D		A060 WASHER, LOCK: SAME AS A026		EA	1									1A1A1MP14H1
XI-D		A061 WASHER, FLAT: SAME AS A027		EA	1									1A1A1MP14H1
XI-D		A062 PIN, LEVER: FP8184 (79172)		EA	1								1	(10) 1A1A1MP15
XI-D		A063 SEGMENT, ADJUSTMENT: FU4231 (79172)		EA	1								1	(11) 1A1A1MP16
XI-D		A064 PIVOT: FP8581 (79172)		EA	1									1A1A1MP17
XI-D		A065 WASHER, FLAT: FP8859 (79172)		EA	1									1A1A1H1
XI-D		A066 WASHER, FLAT: FP8858 (79172)		EA	1									1A1A1H1
XI-D		A067 WASHER, SPRING: FP8860 (79172)		EA	1								1	(12) 1A1A1H1
XI-D		A068 PLATE, BASE: FP9015 (79172)		EA	1								1	(3) 1A1A1MP18
XI-D		A069 CASE ASSEMBLY: FU3160 (79172)		EA	1									1A2
XI-D		A070 STRIP, SEALING: FP4044 (79172)		EA	1									1A2MP1
XI-D		A071 INSERT, SCREW THREAD: FP4029 (79172)		EA	4									1A2MP2
XI-D		A072 CASE SUB-ASSEMBLY: FU3157 (79172)		EA	1									1A2A1
XI-D		A073 RETAINER, STRAP: FP6939 (79172)		EA	2									1A2AMP1
XI-D		A074 SCREW, WOOD: PE19595 (79172)		EA	4									1A2A1MP1H4
XI-D		A075 STRAP: FP4030 (79172)		EA	1									1A2A1MP2
XI-D		A076 PLATE, CATCH: FP6937 (79172)		EA	1									1A2A1MP3
XI-D		A077 SCREW, WOOD: PE19607 (79172)		EA	2									1A2A1MP3H2
XI-D		A078 PIN: FP6936 (79172)		EA	1									1A2A1MP4
XI-D		A079 CORNER, PROTECTOR: FP6941 (79172)		EA	2									1A2A1MP5
XI-D		A080 SCREW, WOOD: PE19596 (79172)		EA	4									1A2A1MP5H4
XI-D		A081 CORNER, CASE: FP4077 (79172)		EA	2									1A2A1MP6
XI-D		A082 SCREW, WOOD: PE27610 (79172)		EA	2									1A2A1MP6H2
XI-D		A083 SUPPORT, CASE: FP6940 (79172)		EA	1									1A2A1MP7
XI-D		A084 STUD, EXTERNALLY THREADED: FP6938 (79172)		EA	1									1A2A1MP7H1
XI-D		A085 WASHER, SPRING: FP3935 (79172)		EA	1									1A2A1MP7H1
XI-D		A086 WASHER, FLAT: FP6947 (79172)		EA	1									1A2A1MP7H1
XI-D		A087 WASHER, FLAT: F13619 (79172)		EA	1									1A2A1H1
XI-D		A088 WASHER, FLAT: PE5663 (79172)		EA	1									1A2A1H1



SECTION DEPOT MAINTENANCE (CONTINUED)			(4)	(5)	(6)			(7)			(8)	(9)	(10)		
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION	USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY DS MAINT ALLOWANCE (A)	21-50 (B)	51-100 (C)	30-DAY GS MAINT ALLOWANCE (A)	21-50 (B)	51-100 (C)	1 YR ALW PER EQUIP CNTGNCY	DEPOT MAINT ALW PER 100 EQUIP	ILLUSTRATIONS (A) NO	(B) ITEM NO OR REFERENCE DESIGNATION
X1-D		A089 NUT, PLAIN, HEXAGON: PE2587 (79172)		EA	1										1A2A1H1
X1-D		A090 HINGE, HALF: FP6935 (79172)		EA	2										1A2A1MP8
X1-D		A091 SCREW, WOOD: PE31252 (79172)		EA	6										1A2A1MP8H4
X1-D		A092 HINGE, HALF: FU3155 (79172)		EA	1										1A2A1MP9
X1-D		A093 SCREW, WOOD: SAME AS A091		EA	2										1A2A1MP8H2
X1-D		A094 RETAINER, SPRING: FP3900 (79172)		EA	1										1A2A1MP10
X1-D		A095 CATCH, RELEASE: FP6934 (79172)		EA	1										1A2A1MP11
X1-D		A097 PAD ASSEMBLY, SHOULDER: SMC282028 (80063)		EA	1										2A1
X1-D		A098 KEEPER: SMC282028-1 (80063)		EA	2										2A1MP1
X1-D		A099 PAD, SHOULDER: SMC282030 (80063)		EA	2										2A1MP2
X1-D		A100 SUPPORT, PAD: SMB282038 (80063)		EA	2										2A1MP3
X1-D		A101 STRAP ASSEMBLY: SMC282027 (80063)		EA	1										2A2
X1-D		A102 CLIP, END: SMC282027-2 (80063)		EA	1										2A2MP1
X1-D		A103 BUCKLE: SMC282027-3 (80063)		EA	1										2A2MP2
X1-D		A104 WEBBING: SMC282027-1 (80063)		EA	1										2A2MP3
X1-D		A105 SOCKET: SMD282024-1 (80063)		EA	2										2MP1
X1-D		A106 PLATE, CLINCH: SMD282024-2 (80063)		EA	2										2MP2
X1-D		A107 STRAP: SMB282039 (80063)		EA	2										2MP3
X1-D		A108 RIVET: SMD282024-3		EA	4										2MP3H2
X1-D		A109 PATTERN, PAD: SMB282047 (80063)		EA	1										2MP4
X1-D		A110 PAD: SMB282040-6 (80063)		EA	1										2MP5
X1-D		A111 PLATE, REINFORCEMENT: SMB282035-6 (80063)		EA	1										2MP6
X1-D		A112 PAD: SMB282042 (80063)		EA	1										2MP7
X1-D		A113 PAD: SMB282040-4 (80063)		EA	1										2MP8
X1-D		A114 COVER ASSEMBLY: SMD282026 (80063)		EA	1										2A3
X1-D		A115 RIVET: SAME AS A108		EA	2										2A3H2
X1-D		A116 HANDLE ASSEMBLY: SMB282037 (80063)		EA	1										2A3A1
X1-D		A117 RIVET: SMD282026-1 (80063)		EA	2										2A3A1H2
X1-D		A118 WEBBING: SMB282037-1 (80063)		EA	1										2A3A1MP1
X1-D		A119 PATTERN, COVER PLATE: SMC282033 (80063)		EA	1										2A3MP1
X1-D		A120 PLATE, REINFORCEMENT: SMB282035-1 (80063)		EA	1										2A3MP2
X1-D		A121 PATTERN, COVER: SMB282036 (80063)		EA	1										2A3MP3

SECTION DEPOT MAINTENANCE (CONTINUED)			(4)	(5)	(6)			(7)			(8)	(9)	(10)			
SMR CODE	FEDERAL STOCK NUMBER	DESCRIPTION	USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT	30-DAY ALLOWANCE (A)	DS (B)	MAINT 51-100 (C)	30-DAY ALLOWANCE (A)	GS (B)	MAINT 51-100 (C)	1 YR ALW EQUIP CNTGCTY	PER ALW 100 EQUIP	DEPOT MAINT PER FIG	ILLUSTRATIONS (A) ITEM NO	(B) OR REFERENCE DESIGNATION
REFERENCE NUMBER & MFR. CODE																
X1-D		A122 SUPPORT, COVER: SMC282032 (80063)		EA	1											2A5MP4
X1-D		A123 PLATE, REINFORCEMENT: SMB282035-2 (80063)		EA	1											2A5MP5
X1-D		A124 PAD ASSEMBLY, REMOVABLE: SMC282046 (80063)		EA	1											2A4
X1-D		A125 PATTERN, PAD: SMB282048 (80063)		EA	1											2A4MP1
X1-D		A126 PAD: SMB282040-5 (80063)		EA	1											2A4MP2
X1-D		A127 PLATE, REINFORCEMENT: SMB282035-5 (80063)		EA	1											2A4MP3
X1-D		A128 PATTERN, PAD: SMB282041 (80063)		EA	2											2MP9
X1-D		A129 PAD: SMB282040-2 (80063)		EA	2											2MP10
X1-D		A130 PATTERN, PAD: SMB282043 (80063)		EA	2											2MP11
X1-D		A131 PAD: SMB282040-1 (80063)		EA	2											2MP12
X1-D		A132 PATTERN, PAD: SMB282044 (80063)		EA	1											2MP13
X1-D		A133 PAD: SMB282040-3 (80063)		EA	1											2MP14
X1-D		A134 CASE ASSEMBLY: SMD282025 (80063)		EA	1											2A5
X1-D		A135 STUD: SMD282025-2 (80063)		EA	2											2A5MP1
X1-D		A136 WASHER: SMD282025-3 (80063)		EA	2											2A5MP2
X1-D		A137 KEEPER: SMD282025-1 (80063)		EA	5											2A5MP4
X1-D		A138 CASE, CORNER: SMB282045 (80063)		EA	4											2A5MP5
X1-D		A139 RIVET: SMD282025-4 (80063)		EA	8											2A5MP5H8
X1-D		A140 RIVET: SMD282025-5 (80063)		EA	4											2A5MP5H4
X1-D		A141 PATTERN, BOTTOM PLATE: SMC282031 (80063)		EA	1											2A5MP6
X1-D		A142 PLATE, REINFORCEMENT: SMB282035-3 (80063)		EA	1											2A5MP7
X1-D		A143 PATTERN, CASE: SMC282029 (80063)		EA	1											2A5MP8
X1-D		A144 SUPPORT, CASE: SMB282034 (80063)		EA	1											2A5MP9
X1-D		A145 PLATE, REINFORCEMENT: SMB282035-4 (80063)		EA	1											2A5MP10



- 1 Hinge, block (1A1AMP13)
- 2 Balance weight (1A1MP2)
- 3 Base, plate (1A1A1MP18)
- 4 Segment unit (1A1A1MP10)
- 5 Pointer, shaft (1A1A1MP5)
- 6 Pointer (1A1MP1)
- 7 Capsule unit (1A1MP4)

- 8 Zero adjust, stud Unit (1A1A1MP3)
- 9 Zero, spring (1A1MP5)
- 10 Pin (1A1A1MP15)
- 11 Segment (1A1A1MP16)
- 12 Washer, spring (1A1A1H1)
- 13 Stop, rod (1A1A1MP14)
- 14 Rod, actuator (1A1A1MP9)

Figure 1. Mechanism assembly.

## SECTION III. INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE

TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION

FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF DESIGNATION	FEDERAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER OR REF DESIGNATION
5305-297-7483		1MP3			
5310-596-4643		1MP4H4			
5355-668-9165		1A1MP1			
6625-349-4888	1	1A1MP2			
6660-194-0818		1MP4			
6660-223-5073		1			
6675-353-5779		1MP6			

## SECTION IV. INDEX-REFERENCE NUMBER CROSS REFERENCE

TO FIGURE NUMBER AND REFERENCE DESIGNATION OR ITEM NUMBER

REFERENCE NO	MFGRS CODE	FIG NO	REF DESIGNATION OR ITEM NO	REFERENCE NO	MFGRS CODE	FIG NO	REF DESIGNATION OR ITEM NO
FP3900	79172		1A2AMP10	FUXB4408	79172		1A1A1A1
FP3935	79172		1A2A1MP7H1	P13000	79172		1A1A1MP1H2
FP4029	79172		1A2MP2	P13000	79172		1A1A1MP4H2
FP4030	79172		1A2A1MP2	P13000	79172		1A1A1MP14H1
FP4044	79172		1A2MP1	P13000	79172		1A1A1MP13H2
FP4057	79172		1MP5H3	P13619	79172		1A2A1H1
FP4059	79172		1MP4H4	P13662	79172		1A1A1A1H1
FP4075	79172		1A1A1MP8	P13662	79172		1A1A1H3
FP4077	79172		1A2A1MP6	P13662	79172		1A1A1MP12H1
FP6934	79172		1A2A1MP11	P19370	79172		1A1H1
FP6935	79172		1A2A1MP8	P19370	79172		1A1MP2H2
FP6936	79172		1A2A1MP4	P19370	79172		1A1MP3H1
FP6937	79172		1A2A1MP3	P26416	79172		1A1A1H1
FP6938	79138		1A2A1MP7H1	P37495	79172		1A1A1MP4H2
FP6939	79172		1A2A1MP1	P37495	79172		1A1A1MP10H1
FP6940	79172		1A2A1MP7	P37495	79172		1A1A1MP14H1
FP6941	79172		1A2A1MP5	P37497	79172		1A1A1MP13H2
FP6942	79172		1MP1	P38153	79172		1A1A1MP2
FP6947	79172		1A2A1MP7H1	P40614	79172		1A1A1MP1H2
FP8184	79172	1-10	1A1A1MP15	PE18261	79172		1MP2H4
FP8357	79172		1A1A1MP4	PE19595	79172		1A2A1MP1H4
FP8358	79172	1-1	1A1A1MP13	PE19596	79172		1A2A1MP5H4
FP8374	79172		1A1H2	PE19607	79172		1A2A1MP3H2
FP8442	79172	1-9	1A1MP5	PE2587	79172		1A2A1H1
FP8576	79172	1-13	1A1A1MP14	PE27610	79172		1A2A1MP6H2
FP8581	79172		1A1A1MP17	PE31252	79172		1A2A1MP8H4
FP8841	79172		1A1A1MP12	PE31252	79172		1A2A1MP9H2
FP8842	79172		1A1A1MP7	PE5663	79172		1A2A1H1
FP8843	79172		1A1A1MP1	PE789	79172		1MP1H2
FP8844	79172		1A1A1MP11	PN14614	79172		1A1A1A1H1
FP8856	79172		1A1A1MP10H1	PN14614	79172		1A1A1MP12H1
FP8858	79172		1A1A1H1	PN17860	79172		1A1A1MP1H2
FP8859	79172		1A1A1H1	PN17860	79172		1A1A1MP4H2
FP8860	79172	1-12	1A1A1H1	PN17860	79172		1A1A1MP14H1
FP9008	79172		1A1MP3	PN5345	79172		1A1A1MP6H1
FP9015	79172	1-3	1A1A1MP18	PN6113	79172		1A1A1MP11H1
FP9229	79172		1A1A1A1MP2	SMB282025	80063		2A5
FU3155	79172		1A2AMP9	SMB282034	80063		2A5MP9
FU3157	79172		1A2A1	SMB282035-1	80063		2A3MP2
FU3159	79172		1MP2	SMB282035-2	80063		2A3MP5
FU3160	79172		1A2	SMB282035-3	80063		2A5MP7
FU3542	79172		1MP5	SMB282035-4	80063		2A5MP10
FU3898	79172		1A1A1A1MP1	SMB282035-5	80063		2A4MP3
FU3915	79172		1A1A1MP10	SMB282035-6	80063		2MP6
FU3999	79172		1A1A1	SMB282036	80063		2A3MP3
FU4032	79172	1-14	1A1A1MP9	SMB282037	80063		2A3A1
FU4106	79172	1-7	1A1MP4	SMB282037-1	80063		2A3A1MP1
FU4230	79172	1-8	1A1A1MP3	SMB282038	80063		2A1MP3
FU4231	79172	1-11	1A1A1MP16	SMB282039	80063		2MP3
FU4409	79172		1A1A1MP6	SMB282040-1	80063		2MP12
FU4497	79172		1A1	SMB282040-2	80063		2MP10
FUXB3997	79172	1-5	1A1A1MP5	SMB282040-3	80063		2MP14

## SECTION IV. INDEX-REFERENCE NUMBER CROSS REFERENCE

TO FIGURE NUMBER AND REFERENCE DESIGNATION OR ITEM NUMBER

REFERENCE NO	MFGRS CODE	FIG NO	REF DESIGNATION OR ITEM NO	REFERENCE NO	MFGRS CODE	FIG NO	REF DESIGNATION OR ITEM NO
SMB282040-4	80063		2MP8				
SMB282040-5	80063		2A4MP2				
SMB282040-6	80063		2MP5				
SMB282041	80063		2MP9				
SMB282042	80063		2MP7				
SMB282043	80063		2MP11				
SMB282044	80063		2MP13				
SMB282045	80063		2A5MP5				
SMB282047	80063		2MP4				
SMB282048	80063		2A4MP1				
SMC282027	80063		2A2				
SMC282027-1	80063		2A2MP3				
SMC282027-2	80063		2A2MP1				
SMC282027-3	80063		2A2MP2				
SMC282028	80063		2A1				
SMC282028-1	80063		2A1MP1				
SMC282029	80063		2A5MP8				
SMC282030	80063		2A1MP2				
SMC282031	80063		2A5MP6				
SMC282032	8063		2A3MP4				
SMC282033	80063		2A3MP1				
SMC282046	80063		2A4				
SMD282024-1	8063		2MP1				
SMD282024-2	80063		2MP2				
SMD282024-3	80063		2A3H2				
SMD282024-3	80063		2MP3H2				
SMD282025-1	80063		2A5MP4				
SMD282025-2	80063		2A5MP1				
SMD282025-3	80063		2A5MP2				
SMD282025-4	80063		2A5MP5H8				
SMD282025-5	80063		2A5MP5H4				
SMD282026	80063		2A3				
SMD282026-1	80063		2A3A1H2				

**SECTION V. INDEX-REFERENCE DESIGNATION  
CROSS REFERENCE TO PAGE NUMBER**

REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER	REFERENCE DESIGNATION	PAGE NUMBER
1	2-1	1A1A1A1MP1	2-2	2A3MP3	2-4
1MP1	2-1	1A1A1A1MP2	2-2	2A3MP4	2-5
1MP1H2	2-1	1A2	2-3	2A3MP5	2-5
1MP2	2-1	1A2MP1	2-3	2A3A1	2-4
1MP2H4	2-1	1A2MP2	2-3	2A3A1H2	2-4
1MP3	2-1	1A2A1	2-3	2A3A1MP1	2-4
1MP4	2-1	1A2A1H1	2-3	2A4	2-5
1MP4H4	2-1	1A2A1MP1	2-3	2A4MP1	2-5
1MP5	2-1	1A2A1MP1H4	2-3	2A4MP2	2-5
1MP5H3	2-1	1A2A1MP2	2-3	2A4MP3	2-5
1MP6	2-1	1A2A1MP3	2-3	2A5	2-5
1A1	2-1	1A2A1MP3H2	2-3	2A5MP1	2-5
1A1H1	2-1	1A2A1MP4	2-3	2A5MP2	2-5
1A1H2	2-1	1A2A1MP5	2-3	2A5MP4	2-5
1A1MP1	2-1	1A2A1MPH4	2-3	2A5MP5	2-5
1A1MP2	2-1	1A2A1MP6	2-3	2A5MP5H4	2-5
1A1MP2H2	2-1	1A2A1MP6H2	2-3	2A5MP5H8	2-5
1A1MP3	2-1	1A2A1MP7	2-3	2A5MP6	2-5
1A1MP3H1	2-1	1A2A1MP7H1	2-3	2A5MP7	2-5
1A1MP4	2-1	1A2A1MP8	2-4	2A5MP8	2-5
1A1MP5	2-1	1A2A1MP8H4	2-4	2A5MP9	2-5
1A1A1	2-1	1A2A1MP9	2-4	2A5MP10	2-5
1A1A1H1	2-2	1A2A1MP9H2	2-4		
1A1A1H3	2-2	1A2A1MP10	2-4		
1A1A1MP1	2-1	1A2A1MP11	2-4		
1A1A1MP1H2	2-1	2MP1	2-4		
1A1A1MP2	2-1	2MP2	2-4		
1A1A1MP3	2-1	2MP3	2-4		
1A1A1MP4	2-2	2MP3H2	2-4		
1A1A1MP4H2	2-2	2MP4	2-4		
1A1A1MP5	2-2	2MP5	2-4		
1A1A1MP6	2-2	2MP6	2-4		
1A1A1MP6H1	2-2	2MP7	2-4		
1A1A1MP7	2-2	2MP8	2-4		
1A1A1MP8	2-2	2MP9	2-5		
1A1A1MP9	2-2	2MP10	2-5		
1A1A1MP10	2-2	2MP11	2-5		
1A1A1MP10H1	2-2	2MP12	2-5		
1A1A1MP11	2-2	2MP13	2-5		
1A1A1MP11H1	2-2	2MP14	2-5		
1A1A1MP12	2-2	2A1	2-4		
1A1A1MP12H1	2-2	2A1MP1	2-4		
1A1A1MP13	2-2	2A1MP2	2-4		
1A1A1MP13H2	2-2	2A1MP3	2-4		
1A1A1MP14	2-2	2A2	2-4		
1A1A1MP14H1	2-2	2A2MP1	2-4		
1A1A1MP15	2-3	2A2MP2	2-4		
1A1A1MP16	2-3	2A2MP3	2-4		
1A1A1MP17	2-3	2A3	2-4		
1A1A1MP18	2-3	2A3H2	2-4		
1A1A1A1	2-2	2A3MP1	2-4		
1A1A1A1H1	2-2	2A3MP2	2-4		

By Order of the Secretary of the Army:

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USASA (2)	USAARMS (2)
CNGB (1)	USAIS (2)
ACSC-E (2)	USAES (2)
TSG (1)	USAINTS (3)
Dir of Trans (1)	Army Dep (2) except
CofEngrs (1)	SAAD (30)
CofSptS (1)	LBAD (14)
USAARENBD (2)	TOAD (14)
USARADB (2)	ATAD (10)
USAAESWBD (2)	LEAD (7)
USAMB (10)	NAAD (5)
USAMC (1)	SVAD (5)
USAMICOM (4)	Gen Dep (2)
USASTRATCOM (4)	Sig Sec, Gen Dep (5)
USATECOM (2)	Sig Dep (10)
USAESC (70)	ATS (1)
USACDC (2)	APG (3)
USACDC Agcy (1)	MAAG (1)
USACDCEC (10)	WRAMC (1)
CONARC (5)	USMACV (50)
ARADCOM (2)	AAF (Pac) (1)
ARADCOM Rgn (2)	USARMIS (1)
OS Maj Comd (4)	USAERDAW (5)
USARYIS (5)	USAERDAA (2)
MDW (1)	USACRREL (2)
Armies (2)	Sig FLDMS (2)
Corps (2)	Edgewood Arsenal (3)
1st Cav Div (3)	Units org under fol TOE:-2 ea.
Instl (2) except	11-158
Ft Carson (10)	11-500(AA-AC)
Ft Gordon (10)	29-7
Ft Huachuca (10)	29-41
WSMR (3)	29-42
Svc Colleges (2)	29-134
USASESS (5)	29-136
USAADS (2)	29-500(AA-AC)
USAFAS (2)	

ARNG: State AG (3).

USAR: None.

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



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PUBLICATION DATE

PUBLICATION TITLE

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TABLE NO.

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