TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

FOR

TELETYPEWRITER TEST SET AN/UGM-1 (NSN 6625-00-967-0195)

H E A D Q U A R T E R S, D E P A R T M E N T O F T H E A R M Y

28 FEBRUARY 1979

TECHNICAL MANUAL }

No. 11-6625-620-20P }

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS
FOR
TELETYPEWRITER TEST SET AN/UGM-1
(NSN 6625-00-967-0195)

Current as of 29 November 1978

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   You can improve this manual by recommending improvements using DA Form 2028-2 located in the back of the manual. Simply tear out the self addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

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   * This manual supersedes so much of TM 11-6625-620-25P-1, 25 May 71, TM 11-6625-620-25P-2, 20 Aug 71 and TM 11-6625-620-25P-3, 26 Aug. 71, as pertains to organizational maintenance.

SECTION I
INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational maintenance of the AN/UGM-1. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

b. Section III. Special Tools Lists. 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 numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number. The* number used to identify item called out in the illustration.

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

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code   *Definition*

PA –Item procured and stocked for anticipated or known usage.

PD –Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional issues or outfittings. Not subject to automatic replenishment.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded

above except those coded XA and aircrafl support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance coded are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance coded are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code   *Application/Explanation*

O –Support item is removed, replaced, used at the organizational level.

(b) 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). This position will contain one of the following maintenance codes:

Code   *Application/Explanation*

D –The lowest maintenance level capable of complete repair of the support item is the depot level.

Z –Nonreparable. No repair is authorized.

(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:

Recoverability
codes   *Definition*

Z –Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

D –Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

c. National Stock Number. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Part Number. 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 a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM).

The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). 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.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

4. Special Information

The following publications pertain to the AN/UGM-1 and its components:

TM 11-6625-620-12, Test Set, Teletypewriter AN/UGM-1

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

*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. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.
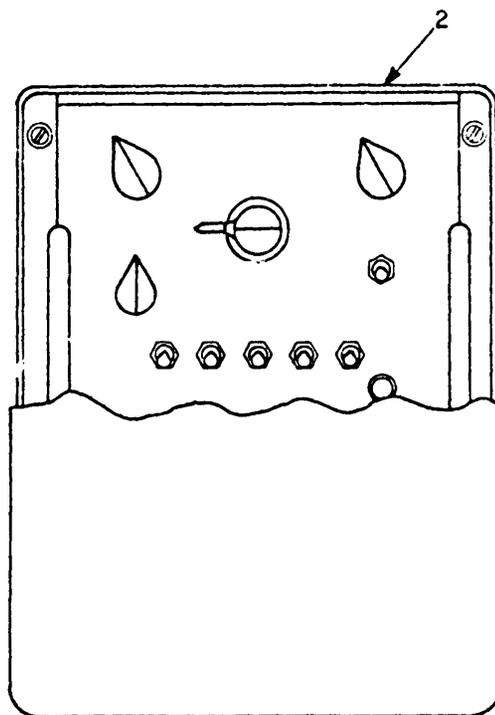
6. Abbreviations
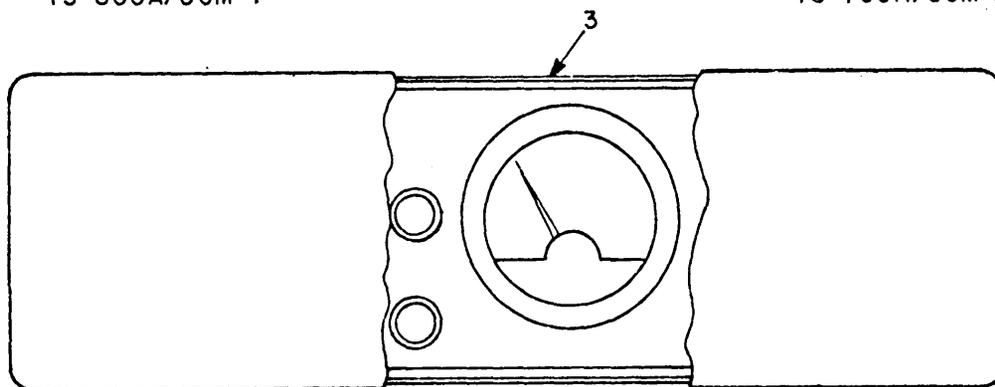
Not applicable.

(Next printed page is 4)
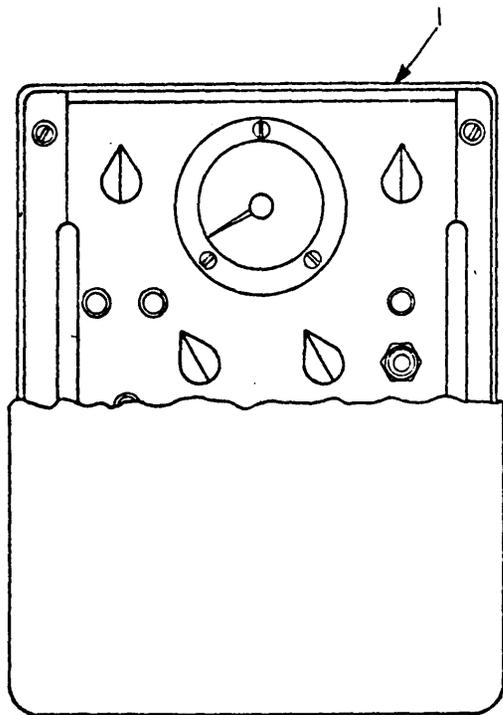
TEST SET,
TELETYPEWRITER
TS-800/UGM-I,
TS-800A/UGM-I

TEST SET,
TELETYPEWRITER
TS-799/UGM-I,
TS-799A/UGM-I

TEST SET, RELAY
TS-836/UGM-I

EL3MSOOI

Figure 1. Teletypewriter Test Set AN/UGM-1.

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(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)		(7)	(8) QTY INC
(A) FIG NO.	(B) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	U/M	IN UNIT
						GROUP 00 TELETYPEWRITER TEST AN/UGM1			
1	1	PDODD	6625-00-965-0197	SMD552570	80063	TEST SET, TELETYPE TS-800/UGM-1 OR		EA	1
1	1	PDODD	6625-00-965-0197	SMD889355	80063	TEST SET, TELETYPE TS-800A/UGM-1		EA	1
1	2	PDODD	6625-00-965-0196	SMD552569	80063	TEST SET, TELETYPE TS-799/UGM-1 OR		EA	1
1	2	PDODD	6625-00-965-0196	SMD889354	80063	TEST SET, TELETYPE TS-799/UGM-1		EA	1
1	3	PDODD	6625-00-077-2986	SMD552568	80063	TEST SET, RELAY TS-836/UGM-1		EA	1

5

FRONT PANEL ASSEMBLY   EL3MS002
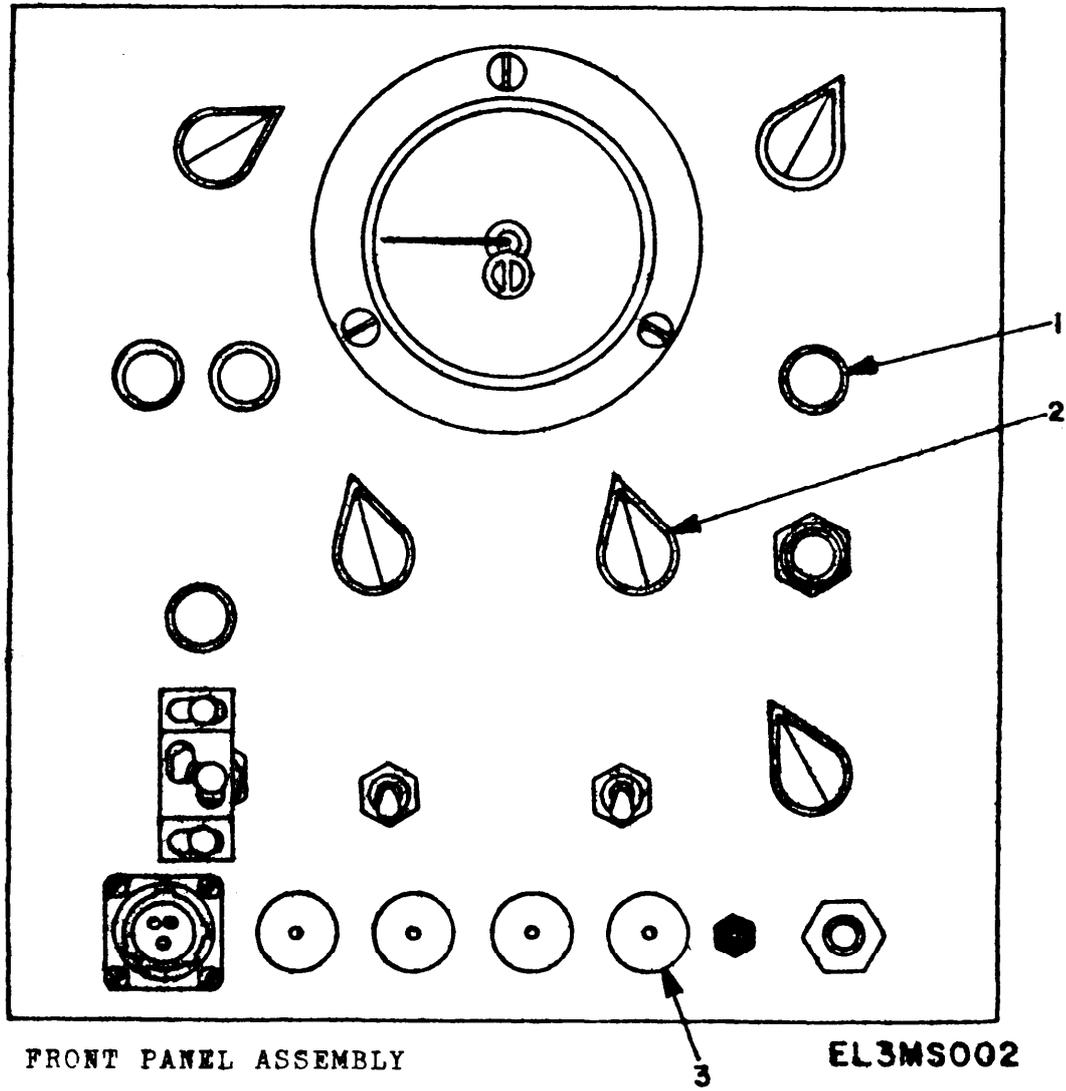
Figure 2.   Test Set Teletypewriter SMD552699 and SMD889358.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8) QTY
(A) FIG NO.	(B) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE U/M	INC IN UNIT
						GROUP 0101 TEST SET TELETYPEWRITER		
						SMD552699 AND SMD889358		
2	1	PAOZZ	6240-00-892-4420	MS25252NE2D	96906	LAMP,INCANDES CENT	EA	4
2	2	PAOZZ	5355-00-556-0145	MS91528-1K28	96906	KNOB	EA	5
2	3	PAOZZ	5920-00-504-8634	F02B250V1-4A	81349	FUSE,CARTRIDGE	EA	4

7
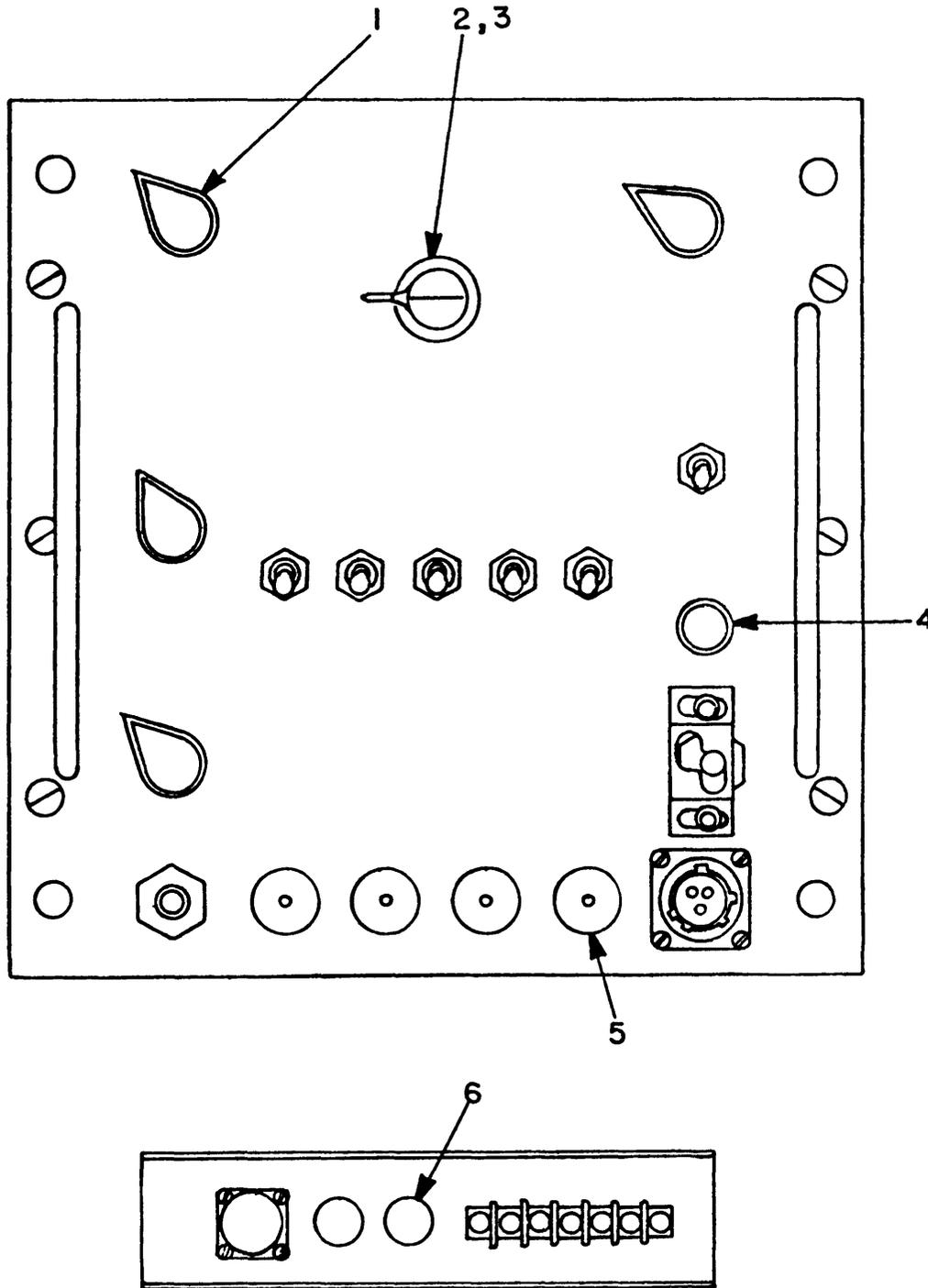
FRONT AND REAR PANEL ASSEMBLY   EL3MS003

Figure 3.   Test Set Teletypewriter SMD552591 and SMD889357.

SECTION II (1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)		(7)	(8) QTY INC
(A) FIG NO.	(B) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	U/M	IN UNIT
						GROUP 0201 TEST SET TELETYPEWRITER			
						SMD552591 AND SMD889357			
3	1	PAOZZ	5355-00-556-0145	MS91528-1K2B	96906	KNOB		EA	4
3	2	PAOZZ	5340-00-168-7136	SMB552590	80063	LOCK,FRICTION		EA	1
3	3	PAOZZ	5355-00-715-1499	701LK2G	49956	KNOB		EA	1
3	4	PAOZZ	6240-00-892-4420	MS25252NE2D	96906	LAMP,INCANDESCENT		EA	1
3	5	PAOZZ	5920-00-199-9498	F02B250V1-2A	81349	FUSE,CARTRIDGE		EA	4
3	6	PAOZZ	5920-00-296-0451	F02A250V1-8A	81349	FUSE, CARTRIDGE		EA	2

9

EL3MS004
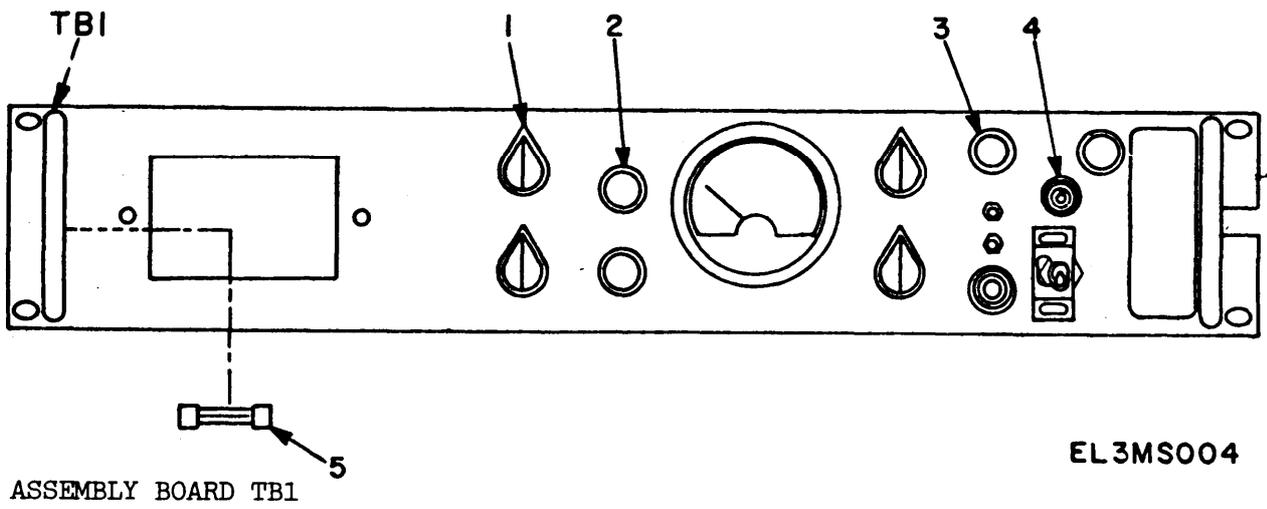
Figure 4. Front Panel Assembly and
Chassis Assembly.

SECTION II (1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8) QTY INC
(A) FIG NO.	(B) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE U/M	IN UNIT
						GROUP 030101 FRONT PANEL ASSEMBLY		
4	1	PAOZZ	5355-00-556-0145	MS91528-1K2B	96906	KNOB	EA	4
4	2	PAOZZ	5355-00-556-0151	MS91528-1028	96906	KNOB	EA	2
4	3	PAOZZ	5920-00-199-9498	F02B250V1-2A	81349	FUSE,CARTRIDGE	EA	2
4	4	PAOZZ	6240-00-892-4420	MS25252NE2D	96906	LAMP,GLOW	EA	1
						GROUP 030103 CHASSIS ASSEMBLY		
4	5	PAOZZ	5920-00-199-9498	F02B250V1-2A	81349	FUSE,CARTRIDGE	EA	2

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

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5340-00-168-7136	3	2	5355-00-556-0145	3	1
5920-00-199-9498	3	5	5355-00-556-0145	4	1
5920-00-199-9498	4	3	5355-00-556-0151	4	2
5920-00-199-9498	4	5	5355-00-715-1499	3	3
5920-00-296-0451	3	6	6240-00-892-4420	2	1
5920-00-504-8634	2	3	6240-00-892-4420	3	4
5355-00-556-0145	2	2	6240-00-892-4420	4	4

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
F02A250V1-8A	81349	3	6	MS91528-1K2B	96906	3	1
FO2B250V1-2A	81349	3	5	MS915258-1K2B	96906	4	1
FO2B250V1-2A	81349	4	3	SMB552590	80063	3	2
F02B250V1-2A	81349	4	5	SMD552568	80063	1	3
F02B250V1-4A	81349	2	3	SMD552569	80063	1	2
MS25252NE2D	96906	2	1	SMD552570	80063	1	1
MS25252NE2D	96906	3	4	SMD889354	80063	1	2
MS25252NE2D	96906	4	4	SMD889355	80063	1	1
MS91528-1D28	96906	4	2	701LK2G	49956	3	3
MS91528-1K28	96906	2	2				

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.
6625-00-077-2986	1	3
6625-00-965-0196	1	2
6625-00-965-0196	1	2
6625-00-965-0197	1	1
6625-00-965-0197	1	1

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DATE 10 July 1975

PUBLICATION NUMBER	DATE	TITLE
TM 11-5840-340-20P	23 Jan 78	Radar Set AN/PRC-76

BE EXACT. . .PIN-POINT WHERE IT IS				IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:
PAGE NO.	PARA- GRAPH	FIGURE NO.	TABLE NO.	
33				For item 2, change the NSN to read: 5835-00-134-9186. Reason: Accuracy.
44		19		Identify the cover on the junction box (item no. 5). Reason: It is a separate item and is not called out on figure 19.
45				Add the cover of the junction box as an item in the listing for figure 19. Reason: Same as above.

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER	SIGN HERE:
SSG I. M. DeSpiritof 999-1776	SSG I. M. De Spirito

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

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Official:

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The Adjutant General