UNIT AND INTERMEDIATE DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST)

FOR
DATA COMMUNICATIONS ANALYZER
TD-4281/G
(NSN 6625-01-340-1781) (EIC: N/A)

<u>WARNING</u> – This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U. S. C., Sec 2751 et seq) or the Export Administration Act 1979, as amended, Title 50, U.S.C., App. 2401 et seq. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.

<u>DISTRIBUTION STATEMENT D</u> – Distribution authorized to Department of Defense and DOD contractors only to protect critical technical data on systems or hardware. This determination was made OCT 1986. Other requests shall be referred to: Program Manager. TMDE, ATTN: SFAE-CS-T-TEMOD, Redstone Arsenal, AL 35898-5000.

<u>**DESTRUCTION NOTICE-**</u> Destroy by any method that will prevent disclosure of contents or reconstruction of the document.

DEPARTMENT OF THE ARMY AND HEADQUARTERS, MARINE CORPS 15 JULY 1993

CHANGE)	Headquarters
)	Department of the Army
No. 1)	Washington, D.C., 13 January 2006

UNIT AND INTERMEDIATE DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING
DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR

DATA COMMUNICATIONS ANALYZER TD-4281/G

(NSN 6625-01-340-1781) (EIC: N/A)

HAZARDOUS MATERIAL INFORMATION – This document has been reviewed for the presence of solvents containing hazardous materials as defined by the EPCRA 302 and 313 lists by the AMCOM G-4 (Logistics) Environmental Division. As of the base document, dated 15 July 1993, all references to solvents containing hazardous materials have been removed from this document by substitution with non-hazardous or less hazardous materials where possible.

OZONE DEPLETING CHEMICAL INFORMATION – This document has been reviewed for the presence of Class I ozone depleting chemicals by the AMCOM G-4 (Logistics) Environmental Division. As of the base document, dated 15 July 1993, all references to Class I ozone depleting chemicals have been removed from this document by substitution with chemicals that do not cause atmospheric ozone depletion.

<u>DISTRIBUTION STATEMENT D</u> – Distribution authorized to Department of Defense and DOD contractors only to protect critical technical data on systems or hardware. This determination was made OCT 1986. Other requests shall be referred to Project Manager, TMDE, ATTN: SFAE-CS-T-TEMOD, Redstone Arsenal, AL 35898-5000.

<u>WARNING</u> – This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U. S. C., Sec 2751 et seq) or the Export Administration Act 1979, as amended, Title 50, U.S.C., App. 2401 et seq. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DOD Directive 5230.25.

<u>DESTRUCTION NOTICE</u> – Destroy by any method that will prevent disclosure of contents or reconstruction of the document.

TM 11-6625-3264-24P dated 15 July 1993, is changed as follows:

Remove old pages and insert new pages as indicated below. New or changed material is
indicated by a vertical bar in the outer margin of the page. Illustration changes are indicated by
a pointing hand. New or changed part numbers are indicated by an asterisk (*). Completely
revised sections or chapters are indicated by a vertical bar next to the title.

TM 11-6625-3264-24P TM 09608A-24P C1

Remove Pages Insert Pages

A/ (B blank) A/ (B blank) i/ii (blank) i and ii
Cover Cover

2. File this change sheet in front of the publication for reference purposes.

By Order of the Secretary of the Army:

PETER J. SCHOOMAKER General, United States Army Chief of Staff

Official:

SANDRA R. RILEY

Administrative Assistant to the

Secretary of the Army

0531902

DISTRIBUTION:

To be distributed in accordance with the initial distribution number (IDN) 512521, requirements for TM 11-6625-3264-24P.

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

LIST OF EFFECTIVE PAGES

NOTE
ON CHANGED PAGES, THE PORTION OF THE TEXT AFFECTED BY THE LATEST CHANGE IS INDICATED BY A VERTICAL LINE OR OTHER CHANGE SYMBOL IN THE OUTER MARGIN OF THE PAGE.

Dates of issue for original and changed pages are:

Original 0 15 July 1993 Change 1 13 January 2006

Total number of pages in this publication is 46 consisting of the following:

Page	*Change
No.	No.
Cover	
A/(B blank)	1
i and ii	1
1 through 5	0
Figure 1 (1 of 2)	0
Figure 1 (2 of 2)	0
1-1	
Figure 2 (1 of 2)	0
Figure 2 (1 of 2)	0
2-1	0
Figure 3	0
3-1	0
Figure 4	
4-1	0
Figure 5	
5-1	0
Figure 6	0
6-1	0
Figure 7	
7-1	
I-1 through I-5	0

Zero in this column indicates an original page.

Technical Manual No. 11-6625-3264-24P **Technical Manual** No. 09608A-24P

DEPARTMENT OF THE ARMY AND HEADQUARTERS, MARINE CORPS

Washington, DC, 15 July 1993

UNIT AND INTERMEDIATE DIRECT SUPPORT AND GENERAL **SUPPORT**

MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL **TOOLS LIST)**

FOR

DATA COMMUNICATIONS ANALYZER TD-4281/G (NSN 6625-01-340-1781) (EIC: N/A)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Commander, U.S. Army Aviation and Missile Command, AMSAM-MMC-MA-NP, Redstone Arsenal, AL 35898-5000. A reply will be furnished to you. You may also provide DA Form 2028 information to AMCOM via email, fax or the World Wide Web. Our fax number is DSN 788-6546 or Commercial 256-842-6546. Our email address is: 2028@redstone.army.mil. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hardcopy 2028. For the World Wide Web use: https://amcom2028.redstone.army.mil.

HAZARDOUS MATERIAL INFORMATION

This document has been reviewed for the presence of solvents containing hazardous materials as defined by the EPCRA 302 and 313 lists by the AMCOM G-4 (Logistics) Environmental Division. As of the base document, dated 15 July 1993, all references to solvents containing hazardous materials have been removed from this document by substitution with non-hazardous or less hazardous materials where possible.

OZONE DEPLETING CHEMICAL INFORMATION

This document has been reviewed for the presence of Class I ozone depleting chemicals by the AMCOM G-4 (Logistics) Environmental Division. As of the base document, dated 15 July 1993, all references to Class I ozone depleting chemicals have been removed from this document by substitution with chemicals that do not cause atmospheric ozone depletion.

WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U. S. C., Sec 2751 et seq) or the Export Administration Act 1979, as amended, Title 50, U.S.C., App. 2401 et seg. Violation of these export laws are subject to severe criminal penalties. Disseminate in accordance with provision of DOD Directive 5230.25.

DISTRIBUTION STATEMENT D – Distribution authorized to Department of Defense and DOD contractors only to protect critical technical data on systems or hardware. This determination was made OCT 1986. Other requests shall be referred to: Program Manager. TMDE, ATTN: SFAE-CS-T-TEMOD, Redstone Arsenal, AL 35898-5000.

<u>DESTRUCTION NOTICE</u>- Destroy by any method that will prevent disclosure of contents or reconstruction of the document.

Table of Contents

	Page	Illus/ Figure
Section I	Introduction	
II	Repair Parts List 1–1	
Group 00	TS-4281/G Data Communications Analyzer	1
0.4		
01	Test Set(1), Telecommunication System	2
	0101 Panel Assembly, Rear 3–1	3
	0102 Panel Assembly, Main 4-1	4
	0103 Circuit Card Assembly 5-1	5
	0104 Chassis, Electrical-Electronic Equipment6-1	6
Group 02	Extender Cards	7
Section III	Special Tools List (Not applicable)	
Section IV	Cross-reference Indexes I–1	
	National Stock Number Index I-1	
	Part Number IndexI-2	
	Figure and Item Number indexI-3	

CHAPTER 1 INTRODUCTION

1. SCOPE

This manual lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for the performance of unit direct support and general support maintenance of the TS-4281/G. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance, and recoverability (SMR) 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 by this RPSTL for use in the performance of maintenance. This list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending item number sequence, with the parts in each group listed in ascending item number sequence. Figure numbers are listed directly beneath the group header. Bulk materials are listed in item name sequence. Repair part kits are listed separately in their own functional group within Section II. Repair parts for reparable special tools are also listed in this section. Items listed are shown on the associated illustration.
 - b. Section III. Special Tools List. Not applicable.
- c. Section IV. Cross—Reference Indexes. A list, in National item identification number (NIIN) sequence, of all National stock numbered items appearing in the listing, 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. The figure number and item number index lists figure and item numbers in numeric sequence and cross—references National stock number, Commercial and Government Entity Code, and part numbers.

3. EXPLANATION OF COLUMNS (Section II and III)

- a. Item No. (Column (1)). Indicates the number used to identify items called out in the illustrations.
- b. SMR Code (Column (2)). The source, maintenance, and recoverability (SMR) code is a five-position code containing supply/requisitioning information, maintenance category authorization criteria and disposition instruction, as shown in the following breakout:

NOTE

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

(1) Source code. The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

Code Explanation

PA PB PC PD PE PF PG

Stocked items: use the applicable NSN to request/ requisition items with these source codes. They are authorized to the level indicated by the code entered in the third position of the SMR code.

NOTE

Items coded PC are subject to deterioration.

KD KF KB Items with these codes are not to be requested/ requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the third position of the SMR code. The complete kit must be requisitioned and applied.

MO – Made at org/AVUM category

MF - Made at DS/AVIM category

MH - Made at GS category

 ML – Made at Specialized Repair Activity (SRA)

MD - Made at Depot

Items with these codes are not to be requested/ requisitioned individually. They must be made from bulk material which is identified by the part number in the description and usable on code (UOC) column and listed in the Bulk Material group of the repair parts list. If the item is authorized to you by the third position code of the SMR code, but the source code indicates it is made at a higher category, order the item from the higher category of maintenance.

AO - Assembled by org/AVUM category

AF - Assembled by DS/AVIM category

AH – Assembled by GS category

AL - Assembled by SRA

AD - Assembled by Depot

Items with these codes are not to be requested/ requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the category of maintenance indicated by the source code. If the third position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher category, order the item from the higher category of maintenance.

Code Explanation

- XA Do not requisition an "XA" coded item. Order its next higher assembly.
- XB If an "XB" item is not available from salvage, order it using the CAGEC and part number given.
- XC Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
- XD Item is not stocked. Order an "XD" coded item through normal supply channels using the CAGEC and part number given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

- (2) Maintenance code. Maintenance codes tell you the category of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:
- (a) The maintenance code entered in the third position tells you the lowest maintenance category authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following categories of maintenance.

Code

Application/Explanation

- C Crew or operator maintenance done within organizational or aviation maintenance.
- O Organizational or aviation unit category can remove, replace, and use the item.
- F Direct supped or aviation intermediate category can remove, replace, and use the item.
- H General support category can remove, replace, and use the item.
- L Specialized repair activity can remove, replace, and use the item.
- D Depot category can remove, replace, and use the item.
- (b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance category with the capability to do complete repair (i.e., perform all authorized repair functions). This position will contain one of the following maintenance codes.

NOTE

Some limited repair may be done on the item at a lower category of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

Code Explanation

- O Organizational or aviation unit is the lowest category that can do complete repair of the item.
- F Direct support or aviation intermediate is the lowest category that can do complete repair of the item.
- H General support is the lowest category that can do complete repair of the item.
- Specialized repair activity (designate the specialized repair activity) is the lowest category that can do complete repair of the item.
- D Depot is the lowest category that can do complete repair of the item.
- Z Nonreparable. No repair is authorized.
- B No repair is authorized. (No parts or special tools are assigned for the maintenance of a "B" coded item.) However, the item may be reconditioned by adjusting, lubricating, etc., at the user category.
- (3) Recoverability code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR code as follows:

Recoverability

Code

Application/Explanation

- Z Nonreparable item. When unserviceable, condemn and dispose of the item at the category of maintenance shown in the third position of SMR code.
- O Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit category.

Recoverability

Code

Application/Explanation

- F Reparable item. When uneconomically reparable, condemn and dispose of the item at direct support or aviation intermediate category.
- H Reparable item. When uneconomically reparable, condemn and dispose of the item at general support category.
- Reparable item. When beyond lower category repair capability, return to depot. Condemnation and disposal of item not authorized below depot category.
- Reparable item. Condemnation and disposal not authorized below specialized repair activity (SRA).
- A Item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material. Refer to appropriate manuals/directives for specific instructions.
- c. CAGEC (Column (3)). The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.
- d. Part Number (Column (4)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When you use an NSN to requisition an item, the item you receive may have a different part number from the part ordered.

- e. Description and Usable on Code (UOC) (Column (5)). This column includes the following information.
- (1) The Federal item name and, when required, a minimum description to identify the item.
- (2) The statement "END OF FIGURE" appears just below the last item description in Column (5) for a given figure in both section II and section III.
- f. Qty(Column (6)). 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. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and the quantity may vary from application to application.

4. EXPLANATION OF COLUMNS (Section IV)

- a. National Stock Number (NSN) Index.
- (1) Stock number column. This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first four digits of the NSN. When requisitioning items use the complete NSN (13 digits) sequence.
- (2) Fig. column. This column lists the number of the figure where the item is identified/located. The illustrations are in numerical sequence in sections II and III.
- (3) *Item column.* The item number identifies the item associated with the figure listed in the adjacent Fig. column. This item is also identified by the NSN listed on the same line.
- b. Part Number Index. Part numbers in this index are listed by part number in ascending alphameric sequence.
 - (1) CAGEC column. This column lists the Commercial and Government Entity Code (CAGEC).
 - (2) Part number column. This column indicates the part number assigned to the item.
- (3) Stock number column. This column lists the National stock number for the associated part number and manufacturer identified in the part number and CAGEC columns to the left.
- (4) Fig. column. This column lists the number of the figure where the item is identified/located in sections II and III.

- (5) *Item column*. The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.
 - c. Figure and Item Number Index.
- (1) Fig. column. This column lists the number of the figure where the item is identified/located in sections II and III.
- (2) *Item column.* The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.
 - (3) Stock number column. This column lists the National stock number for the item.
- (4) CAGEC column. The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.
- (5) Part number column. Indicates the primary number used by the manufacturer (individual, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

5. SPECIAL INFORMATION

a. Associated Publications. The publications listed below pertain to the TS-4281/G and its components:

TM 11-6625-3264-12/TM 09608A-12

TM 11-6625-3264-40/TM 09608A-40

b. National Stock Numbers. National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-MM, Fort Monmouth, NJ 07703–5007 for the part required to support your equipment.

6. HOW TO LOCATE REPAIR PARTS

- a. When National stock number or part number is not known.
- (1) First. Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.
- (2) Second. Find the figure covering the assembly group or subassembly group to which the item belongs.
 - (3) Third. Identify the item on the figure and note the item number.
- (4) Fourth. Refer to the Repair Parts Lists for the figure to find the part number for the item number noted on the figure.
 - (5) Fifth. Refer to the Part Number Index to find the NSN, if assigned.
 - b. When National stock number or part number is known.
- (1) First. Using the index of National stock numbers and part numbers, find the pertinent National stock number or part number. The NSN index is in National item identification number (NIIN) sequence (para 4a(1)). The part numbers in the part number index are listed in ascending alphameric sequence (para 4b). Both indexes cross—reference you to the illustration figure and item number of the item you are looking for.
- (2) Second. After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

7. ABBREVIATIONS

Not applicable.

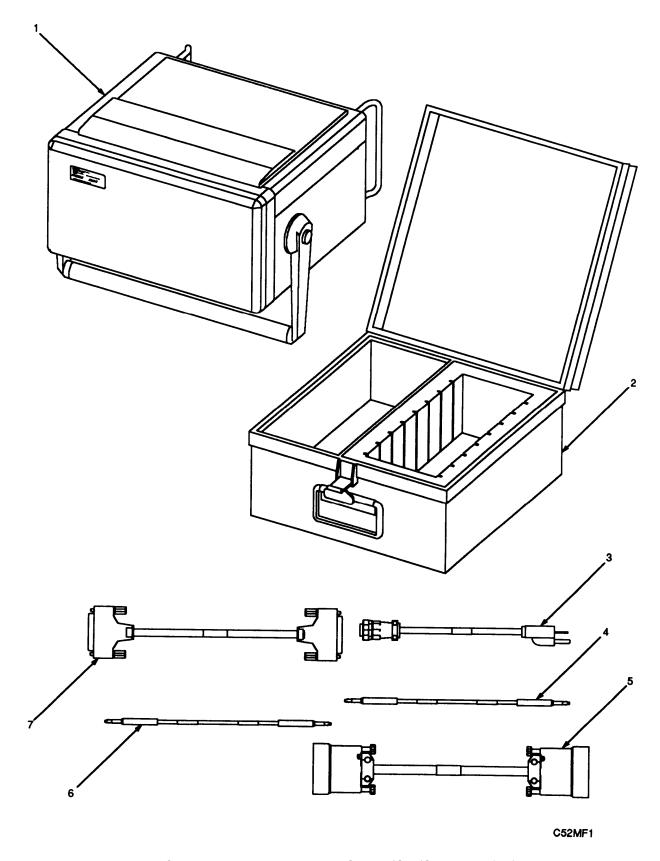


Figure 1. Data Communications Analyzer TS-4281/G. (Sheet 1 of 2)

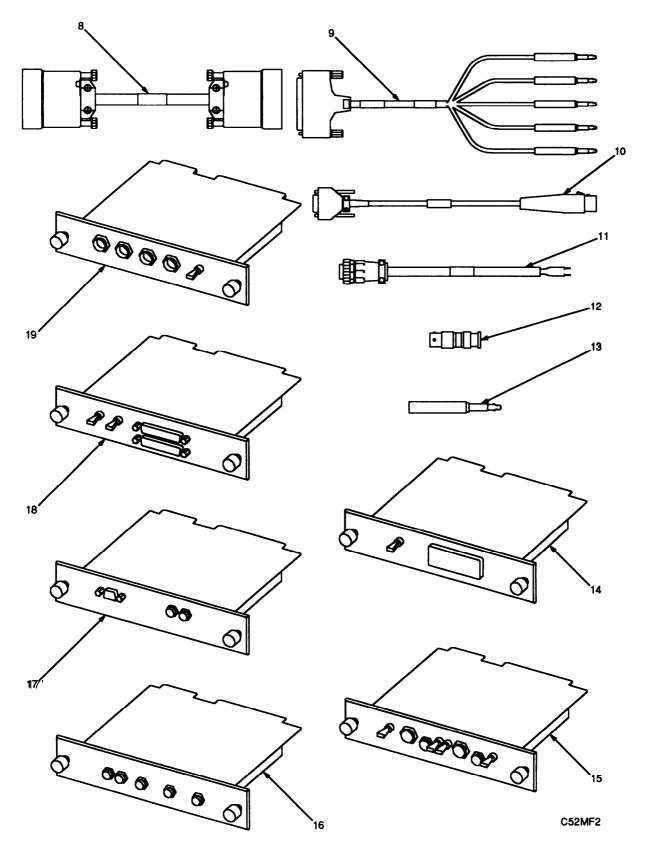


Figure 1. Data Communications Analyzer TS-4281/G (Sheet 2 of 2).

SECTION	N II	TM11-6	625-3264-24P		
(1) ITEM		(2) SMR	(4) PART	(5)	(6)
NO		CODE	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
				GROUP 00 TS-4281/G DATA COMMUNICATION ANALZER	
				FIGURE 1	
1	PAOHH	61141	80-41857-01	TEST SET,TELECOM SY SEE FIGURE 2 FOR PARTS BREAKDOWN	1
2	XBHZZ	61141	46-41876-01	CASE(2), ELECTRICAL	1
3	PAHZZ	61141	80-31025-01	CABLE ASSY, SPECIAL	1 1
4	PAHZZ	61141	80-31039-01	CABLE ASSY, SPECIAL	1
5	PAHZZ	61141	80-31020-01	CABLE ASSY, SPECIAL	1
6	PAHZZ	61141	80-31040-01	CABLE ASSY, SPECIAL	1 1 1 1 1 1
7	PAHZZ	61141	80-31018-01	CABLE ASSY, SPECIAL	1
8	PAHZZ	61141	80-31021-01	CABLE ASSY, SPECIAL	1
9	PAHZZ	61141	80-31026-01	CABLE ASSY, SPECIAL	1
10	PAHZZ		80-31048-01	CABLE ASSY, SPECIAL	1
11	PAHZZ		80-31023-01	CABLE ASSY, SPECIAL	1
12	PAHZZ	61141	15-11027-01	ADAPTER, TEST	
13	PAHZZ	61141	15-11872-01	ADAPTER, TEST	1
14	PAHZZ	61141	80-41704-01	INTERFACE UNIT, COMM	1
15	PAHZZ	61141	80-41720-01	INTERFACE UNIT, COMM	1
16	PAHZZ		80-41719-01	INTERFACE UNIT, COMM	1 1 1 1 1
17	PAHZZ		80-41718-01	INTERFACE UNIT, COMM	1
18	PAHZZ		80-41688-01	INTERFACE UNIT, COMM	1
19	PAHZZ	61141	80-41690-01	INTERFACE UNIT, COMM	1

END OF FIGURE

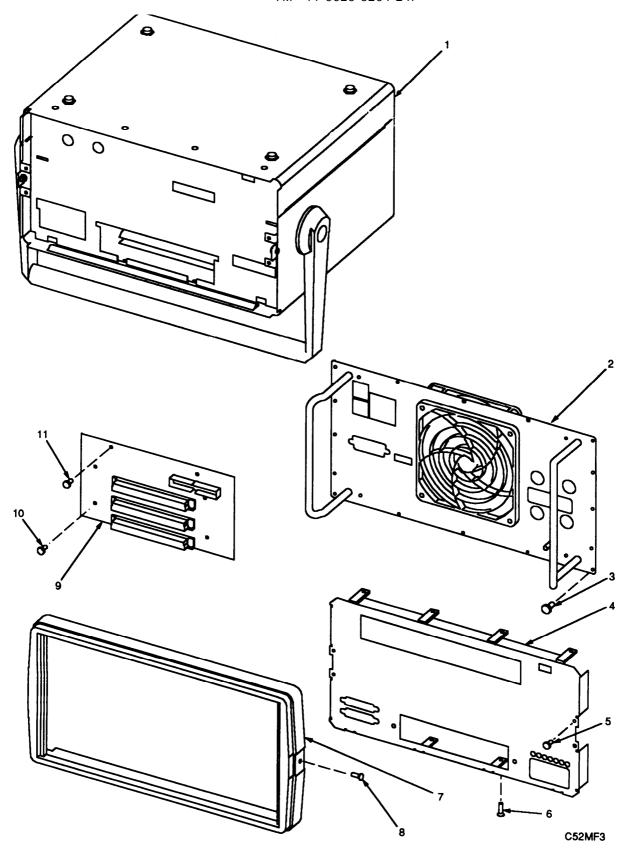


Figure 2. Test Set (1), Telecommunication System (Sheet 1 of 2).

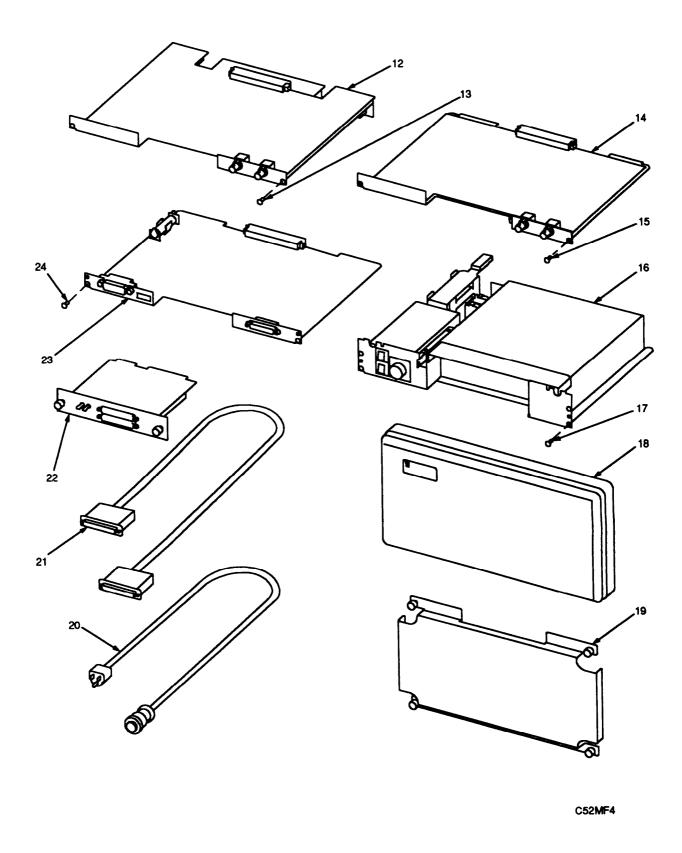
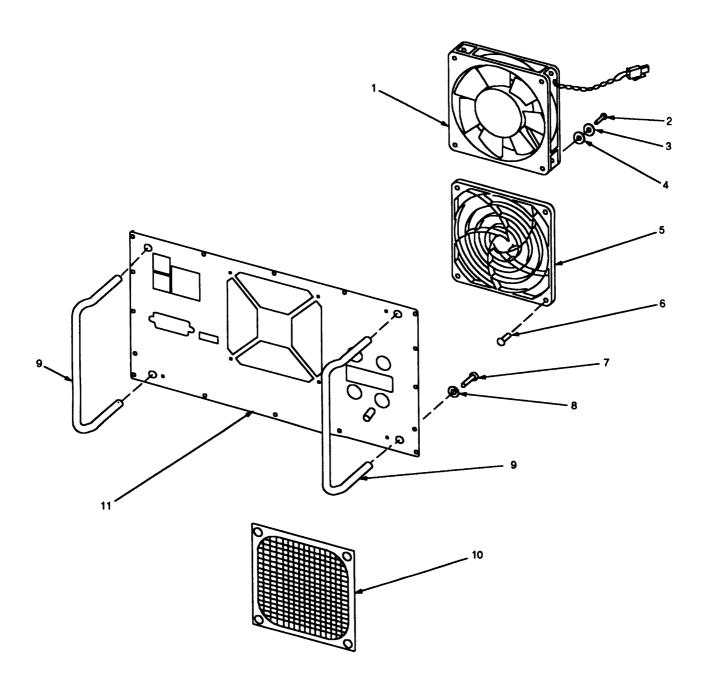


Figure 2. Test Set (1), Telecommunication System (Sheet 2 of 2).

SECTION II		TM11-6625-3264-24P		
(1) ITEM	(2) SMR	(4) PART	(5)	(6)
NO	CODE	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
			GROUP 01 TEST SET (1), TELECOMMUNICATION SYSTEM	
			FIGURE 2	
1 РАННН	61141	80-41787-01	CHASSIS,ELECTRICAL SEE FIGURE 6 FOR PARTS BREAKDOWN	1
2 РАННН	61141	80-41789-01	PANEL ASSEMBLY, REAR SEE FIGURE 3 FOR PARTS BREAKDOWN	1
3 PAHZZ	96906	MS24693C3	SCREW, MACHINE	16
4 РАННН	61141	80-41674-01	PANEL ASSEMBLY, MAIN SEE FIGURE 4 FOR PARTS BREAKDOWN	1
5 PAHZZ	88044	MS51957-28	SCREW, MACHINE	4
6 PAHZZ	96906	MS51959-14	SCREW, MACHINE	8
7 XBHZZ	61141	76-41853-01	MOLDING, METAL	1
8 PAHZZ	96906	MS51957-45	SCREW, MACHINE	2
	61141	80-41676-01	BACKPLANE ASSEMBLY	1
10 PAHZZ	1JY80	B1PBMS0408G	SCREW, MACHINE	4 2
11 PAHZZ	13764		SCREW, MACHINE	
	61141		CIRCUIT CARD, ASSY	1
13 PAHZZ	96906	MS51959-14	SCREW, MACHINE	2
	61141	80-41682-01	CIRCUIT CARD ASSY	1
	96906	MS51959-14	SCREW, MACHINE	2
	61141	80-41684-01	POWER SUPPLY	1 4 1
17 PAHZZ	96906	MS51959-14	SCREW, MACHINE	4
18 XBHZZ	61141	49-41932-01	COVER(1), ELECTRONIC	
19 XBHZZ	61141	49-41874-01	COVER(1), ELECTRONIC	1
20 PAHZZ	61141		CABLE ASSY, SPECIAL	1
		80-31019-01	CABLE ASSY, SPECIAL	1
		80-41686-01	INTERFACE UNIT, COMM	1
23 PAHHH	61141	80-41678-01	CIRCUIT CARD ASSY SEE FIGURE 5 FOR	1
24 PAHZZ	96906	MS51959-14	PARTS BREAKDOWN SCREW, MACHINE	2

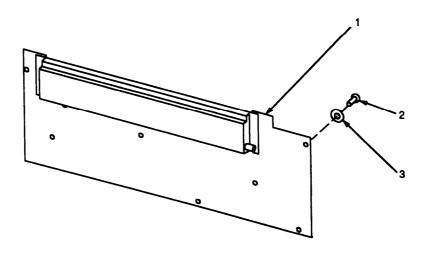
END OF FIGURE

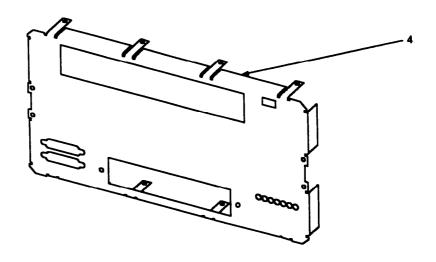


C52MF5

Figure 3. Panel Assembly, Rear.

SECTIO	N II		TM11-6625-3264-24P		
(1) ITEM		(2) SMR	(4) PART	(5)	(6)
NO		CODE	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
				GROUP 0101 PANEL ASSEMBLY, REAR	
				FIGURE 3	
1	PAHZZ	61141	80-31038-01	FAN, CIRCULATING	1
2	PAHZZ	96906	MS51957-19	SCREW, MACHINE	4
3	PAHZZ	96906	MS35333-70	WASHER, LOCK	4
4	PAHZZ	96906	MS15795-803	WASHER, FLAT	4
5	XBHZZ	0ACZ1	09450-G	GUARD, FAN IMPELLER	1
6	PAHZZ	96906	MS51957-120	SCREW, MACHINE	4
7	PAHZZ	96906	MS51959-45	SCREW, MACHINE	4
8	PAHZZ	96906	MS35338-137	WASHER, LOCK	4
9	XBHZZ	61141	54-31057-01	HANDLE, BOW	2
10	XBHZZ	0ACZ1	06450-C	GUARD, FAN IMPELLER	1 1
11	XBHZZ	61141	76-41788-01	PANEL, BLANK	1
				END OF FIGURE	





C52MF6

Figure 4. Panel Assembly, Main.

SECTION	N II		TM11-6625-3264-24P		
(1) ITEM		(2) SMR	(4) PART	(5)	(6)
NO		CODE	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
				GROUP 0102 PANEL ASSEMBLY, MAIN	
				FIGURE 4	
1 2 3 4	PAHZZ PAHZZ PAHZZ XBHZZ	61141 96906 96906 61141	80-31056-01 MS51957-13 MS35333-70 80-41731-01	CIRCUIT CARD ASSY SCREW, MACHINE WASHER, LOCK PANEL, CONTROL, ELECT	1 9 9
				END OF FIGURE	

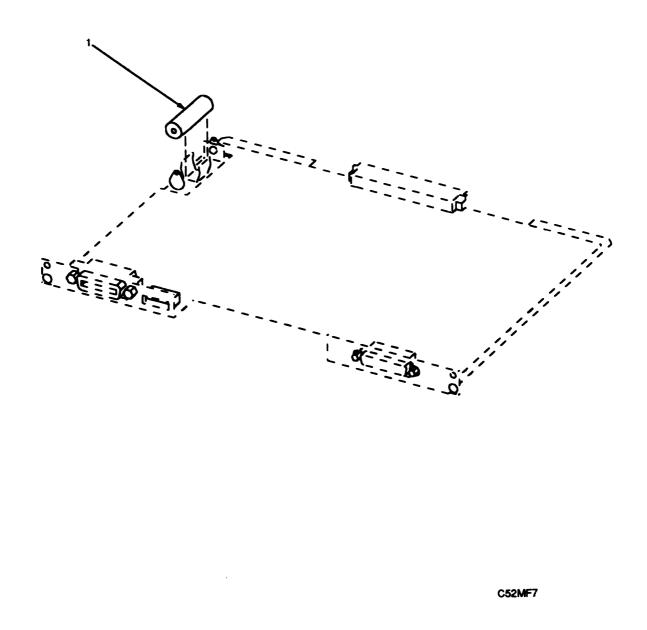
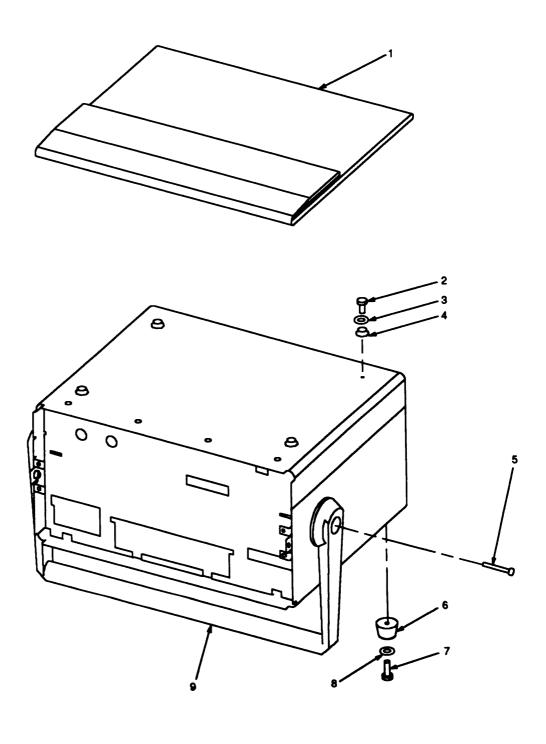


Figure 5. Circuit Card Assembly.

SECTIO	N II		TM11-6625-3264-24P		
(1) ITEM		(2) SMR	(4) PART	(5)	(6)
NO		CODE	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
				GROUP 0103 CIRCUIT CARD ASSEMBLY	
				FIGURE 5	
1	PAHZZ	0CEPO	15-51-03-215-000	CELL BATTERY	1
				END OF FIGURE	



C52MF8

Figure 6. Chassis, Electrical-Electronic Equipment.

SECTION	N II		TM11-6625-3264-24P		
(1) ITEM		(2) SMR	(4) PART	(5)	(6)
NO		CODE	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
				GROUP 0104 CHASSIS ELECTRICAL- ELECTRONIC EQUIPMENT	
				FIGURE 6	
1 2	XBHZZ		46-41845-01	CASE, M&O MANUALS	1
3	PAHZZ PAHZZ	96906 96906	MS51957-14 MS15795-803	SCREW, MACHINE WASHER, FLAT	4 4
4	PAHZZ	83058	BS1830K1105	FASTENER, SNAP	4
5	PAHZZ	96906	MS51957-127	SCREW, MACHINE	2
6	PAHZZ	1JY80	5200-01-02	LEG SECTION, ELECTRI	4
7	PAHZZ	96906	MS51957-45	SCREW, MACHINE	4
8	PAHZZ	96906	MS35333-72	WASHER, LOCK	4
9	XBHZZ	61141	54-41875-01	HANDLE, BAIL	1
1	PAHZZ	61141	80-41755-01	EXTENDER CARD, ELECT	1
2	PAHZZ	61141	80-41929-01	EXTENDER CARD, ELECT	1
				END OF FIGURE	

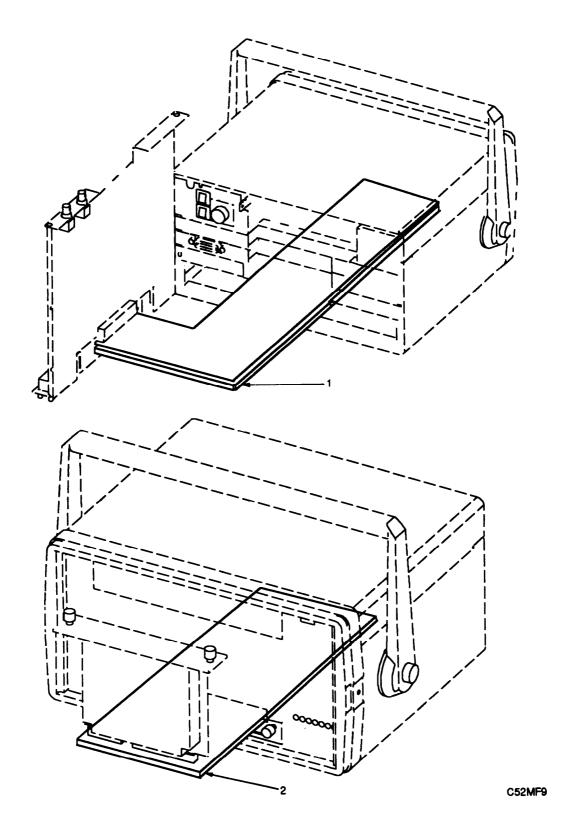


Figure 7. Extender Card, Electronic Test.

SECTIO:	N II		TM11-6625-3264-24P		
(1) ITEM		(2) SMR	(4) PART	(5)	(6)
NO		CODE	NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
				GROUP 02 EXTENDER CARDS	
				FIGURE 7	
1 2	PAHZZ PAHZZ	61141 61141	80-41755-01 80-41929-01	EXTENDER CARD, ELECT EXTENDER CARD, ELECT	1
				END OF FIGURE	

SECTION IV TM11-6625-3264-24P

CROSS-REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5305-00-054-5647 5305-00-054-5648 5305-00-054-5653 5305-00-054-6652 5305-00-054-6670	4 6 3 2 2	2 2 2 5 8 7			
5305-00-177-5545 5305-00-225-6400 5305-00-402-5788 5310-00-543-2739 5310-00-550-3715 5310-00-595-6211 5305-00-763-7822	3 2 6 6 3 4 3 6 2 2 2	6 3 5 8 3 4 3 6 13 15			
5305-00-764-0068 5310-00-933-8119	2 3 3	24 7 8			

CROSS-REFERENCE INDEXES

CAGEC	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
CAGEC	PARI NUMBER	SIOCK NUMBER	rig.	TIEM
83058	BS1830K1105		6	4
1JY80	B1PBMS0408G		2	10
96906	MS15795-803	5310-00-595-6211	3	4
			6	3
96906	MS24693C3	5305-00-225-6400	2	3
96906	MS35333-70	5310-00-550-3715	3	3
			4	3
96906	MS35333-72	5310-00-543-2739	6	8
96906	MS35338-137	5310-00-933-8119	3	8
96906	MS51957-120	5305-00-177-5545	3	6
96906	MS51957-127	5305-00-402-5788	6	5
96906	MS51957-13	5305-00-054-5647	4	2
96906	MS51957-14	5305-00-054-5648	6	2
96906	MS51957-19	5305-00-054-5653	3	2
88044	MS51957-28	5305-00-054-6652	2	5
96906	MS51957-45	5305-00-054-6670	2	8
			6	7
96906	MS51959-14	5305-00-763-7822	2	6
			2	13
			2	15
			2	17
			2	24
96906	MS51959-45	5305-00-764-0068	3	7
13764	010440P018		2	11
0ACZ1	06450-C		3	10
0ACZ1	09450-G		3	5
61141	15-11027-01		1	12
61141	15-11872-01		1	13
OCEPO	15-51-03-215-000		5	1
61141	46-41845-01		6	1
61141	46-41876-01		1	2
61141	49-41874-01		2 2	19 18
61141	49-41932-01		6	6
1JY80 61141	5200-01-02 54-31057-01		3	9
61141	54-31057-01		6	9
61141	76-41788-01		3	11
61141	76-41788-01		2	7
61141	80-31018-01		1	7
61141	80-31019-01		2	21
61141	80-31019-01		1	5
61141	80-31021-01		1	8
61141	80-31023-01		1	11
61141	80-31024-01		2	20
61141	80-31025-01		1	3
61141	80-31026-01		1	9
61141	80-31038-01		3	1
61141	80-31039-01		1	4
61141	80-31040-01		1	6
61141	80-31048-01		1	10
61141	80-31056-01		4	1
				-

CROSS-REFERENCE INDEXES

PART	NUMBER	INDEX

		PART NUMBER INDEX		
CAGEC	PART NUMBER	STOCK NUMBER	FIG.	ITEM
61141	80-41674-01		2	4
61141	80-41676-01		2	9
61141	80-41678-01		2	23
61141	80-41680-01		2	12
61141	80-41682-01		2	14
61141	80-41684-01		2	16
61141	80-41686-01		2	22
61141	80-41688-01		1	18
61141	80-41690-01		1	19
61141	80-41704-01		1	14
61141	80-41718-01		1	17
61141	80-41719-01		1	16
61141	80-41720-01		1	15
61141	80-41731-01		4	4
61141	80-41755-01		7	1
			7	1
61141	80-41787-01		2	1
61141	80-41789-01		2	2
61141	80-41857-01		1	1
61141	80-41929-01		7	2
			7	2

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER STOCK NUMBER	INDEX CAGEC	PART NUMBER
1	1		61141	80-41857-01
1	2		61141	46-41876-01
1	3		61141	80-31025-01
1	4		61141	80-31039-01
1	5		61141	80-31020-01
1	6		61141	80-31040-01
1	7		61141	80-31018-01
1	8		61141	80-31021-01
1	9		61141	80-31026-01
1	10		61141	80-31048-01
1	11		61141	80-31023-01
1	12		61141	15-11027-01
1	13		61141	15-11872-01
1	14		61141	80-41704-01
1	15		61141	80-41720-01
1	16		61141	80-41719-01
1	17		61141	80-41718-01
1	18		61141	80-41688-01
1	19		61141	80-41690-01
2	1		61141	80-41787-01
2	2	E20E 00 22E 6400	61141	80-41789-01
2	3	5305-00-225-6400	96906	MS24693C3
2	4 5	5305-00-054-6652	61141 88044	80-41674-01 MS51957-28
2	6	5305-00-054-6652	96906	MS51957-28 MS51959-14
2	7	5305-00-763-7622	61141	76-41853-01
2	8	5305-00-054-6670	96906	MS51957-45
2	9	5305-00-054-6670	61141	80-41676-01
2	10		1JY80	B1PBMS0408G
2	11		13764	010440P018
2	12		61141	80-41680-01
2	13	5305-00-763-7822	96906	MS51959-14
2	14	3303 00 703 7022	61141	80-41682-01
2	15	5305-00-763-7822	96906	MS51959-14
2	16	3303 00 703 7022	61141	80-41684-01
2	17	5305-00-763-7822	96906	MS51959-14
2	18		61141	49-41932-01
2	19		61141	49-41874-01
2	20		61141	80-31024-01
2	21		61141	80-31019-01
2	22		61141	80-41686-01
2	23		61141	80-41678-01
2	24	5305-00-763-7822	96906	MS51959-14
3	1		61141	80-31038-01
3	2	5305-00-054-5653	96906	MS51957-19
3	3	5310-00-550-3715	96906	MS35333-70
3	4	5310-00-595-6211	96906	MS15795-803
3	5		0ACZ1	09450-G
3	6	5305-00-177-5545	96906	MS51957-120
3	7	5305-00-764-0068	96906	MS51959-45
3	8	5310-00-933-8119	96906	MS35338-137

SECTION IV TM11-6625-3264-24P

CROSS-REFERENCE INDEXES

FIG.	ITEM	FIGURE AND ITEM NUMBER STOCK NUMBER	INDEX CAGEC	PART NUMBER
3	9		61141	54-31057-01
3	10		0ACZ1	06450-C
3	11		61141	76-41788-01
4	1		61141	80-31056-01
4	2	5305-00-054-5647	96906	MS51957-13
4	3	5310-00-550-3715	96906	MS35333-70
4	4		61141	80-41731-01
5	1		0CEP0	15-51-03-215-000
6	1		61141	46-41845-01
6	2	5305-00-054-5648	96906	MS51957-14
6	3	5310-00-595-6211	96906	MS15795-803
6	4		83058	BS1830K1105
6	5	5305-00-402-5788	96906	MS51957-127
6	6		1JY80	5200-01-02
6	7	5305-00-054-6670	96906	MS51957-45
6	8	5310-00-543-2739	96906	MS35333-72
6	9		61141	54-41875-01
7	1		61141	80-41755-01
7	1		61141	80-41755-01
7	2		61141	80-41929-01
7	2		61141	80-41929-01

By Order of the Secretary of the Army:

GORDON R. SULLIVAN General, United States Army Chief of Staff

Official:

Milto H. Hamilton Milton H. Hamilton Administrative Assistant to the Secretary of the Army

By Order of the Marine Corps:

H. E. REESE

Deputy for Support

Marine Corps Research

Development and Acquisition

Command

DISTRIBUTION:

To be distributed in accordance with DA Form 12-51-E, block 2521, requirements for TM 11-6625-3264-24P.

These are the instructions for sending an electronic 2028

The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however only the following fields are mandatory: 1, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15, 16, 17, and 27.

From: "Whomever" < whomever@wherever.army.mil>

To: 2028@redstone.army.mil

Subject: DA Form 2028

1. *From:* Joe Smith

2. Unit: home

3. *Address:* 4300 Park4. *City:* Hometown

5. *St:* MO6. *Zip:* 77777

7. Date Sent: 19-OCT-93
 8. Pub no: 55-2840-229-23

9. **Pub Title:** TM

10. **Publication Date:** 04–JUL–85

11. Change Number: 7
12. Submitter Rank: MSG
13. Submitter FName: Joe
14. Submitter MName: T
15. Submitter LName: Smith

15. Submitter Livame: Smith

16. Submitter Phone: 123-123-1234

17. **Problem: 1** 18. Page: 2 19. Paragraph: 3

20. Line: 4 21. NSN: 5 22. Reference: 6 23. Figure: 7 24. Table: 8

25. Item: 9 26. Total: 123 27. **Text:**

This is the text for the problem below line 27.

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS

For use of this form, see AR 25-30; the proponent agency is ODISC4.

Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/ Supply Manuals (SC/SM)

DATE

8/30/02

TO: (Forward to proponent of publication or form)(Include ZIP Code)

Commander, U.S. Army Aviation and Missile Command

ATTN: AMSAM-MMC-MA-NP Redstone Arsenal, 35898

FROM: (Activity and location)(Include ZIP Code)

MSG, Jane Q. Doe

1234 Any Street Nowhere Town, AL 34565

PART 1 - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS

PART 1 – ALL PUBLICATIONS (EX					ONS (EX	XCEPT RPSTL AND SC/SM) AND BLANK FORMS			
PUBLICATION/FORM NUMBER TM 9-1005-433-24						16 Sep 2002	TITLE Organizational, Direct Support, And General Support Maintenance Manual for Machine Gun, .50 Caliber M3P and M3P Machine Gun Electrical Test Set Used On Avenger Air Defense Weapon System		
ITEM NO.	PAGE NO.	PARA- GRAPH	LINE NO. *	FIGURE NO.	TABLE NO.	RECO	OMMENDED CHANGES AND REASON		
1	WP0005 PG 3		2			Test or Corrective Action column should identify a different WP number.			
						P			
				•					
			1	Y					

* Reference to line numbers within the paragraph or subparagraph.

TYPED NAME, GRADE OR TITLE

MSG, Jane Q. Doe, SFC

TELEPHONE EXCHANGE/ AUTOVON, PLUS EXTEN-SION

788-1234

SIGNATURE

TO: (Forward direct to addressee listed in publication) Commander, U.S. Army Aviation and Missile Command ATTN: AMSAM-MMC-MA-NP Redstone Arsenal, 35898						FROM: (Activity and location) (Include ZIP Code) MSG, Jane Q. Doe 1234 Any Street Nowhere Town, AL 34565						DATE 8/30/02
Reusiu	ille Alsei		○ II - REPAIR PARTS AND	SPECIA					ALOGS/S	SUPPLY MANU	UALS	
PUBLIC	ATION N	IUMBEF	?		DATE			TITLE				
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER		RENCE O.	FIGURE NO.	ITEM NO.	TOTAL OF MA ITE! SUPPO	AJOR MS	RECOMM	ЛEND	ED ACTION
	DAG		E EMARKS (Any general n							vement of publi	institut	
	LAN		blank forms	iional b	lan 'te		_	-	ce is need	•	cation	is and
	•											
TYPED	NAME, 0	GRADE	OR TITLE	TELEP PLUS	HONE E	EXCHANGE SION	/AUTO	VON,	SIGNATU	JRE		
MSG. Jane Q. Doe. SFC					788-1234							

RE		BLA	NK FORM	PUBLICATIO IS nent agency is ODISC		cial Too	l Lists (verse) for Repair Parts and Spe- RPSTL) and Supply Catalogs/ s (SC/SM)	DATE
TO: (For	ward to pro	oponent of p	ublication o	or form)(Includ	de ZIP Cod	de) FROM:	(Activi	ty and location)(Include ZIP Code)	
DI IDI IOA	TION//505			. PUBLICATI	ONS (EXC		ND SC	/SM) AND BLANK FORMS	
PUBLICA		RM NUMBEF	·			DATE		TITLE	
ITEM NO.	PAGE NO.	PARA- GRAPH	LINE NO. *	FIGURE NO.	TABLE NO.		RECO	DMMENDED CHANGES AND REA	ASON
			* D	oforence to li	no number	s within the nar	agraph	or subparagraph	
TVDED N	IAME CD	ADE OR TIT		eference to lii				or subparagraph.	
TYPED NAME, GRADE OR TITLE TELEPHO						ONE EXCHANO N, PLUS EXTE	±/ :Ν-	SIGNATURE	

TO : (Fo	TO: (Forward direct to addressee listed in publication) FROM: (Activity and location) (Include ZIP Code) DATE										
		2407	··		· · · · · · · · · · · · · · · · · · ·	:= QUB					
חווחוול	PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS PUBLICATION NUMBER DATE TITLE										
PUBLIC	;AHON N	10MREL	₹	DATE			IIILE				
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMEN	NDED ACTION		
	PAR	₹T III – F	REMARKS (Any general r blank forms. Add						tions and		
blank forms. Additional blank sheets may be used if more space is needed.)											
TYPED	NAME, C	GRADE	OR TITLE	TELEPHONE E PLUS EXTENS	EXCHANGE SION	E/AUTO	VON, SIGNAT	URE			

PIN: 071336-000