

TM 11-6625-1821-40P

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TECHNICAL MANUAL

**GENERAL SUPPORT MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOLS LISTS  
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)  
FOR  
AMPLIFIERS, AUDIO FREQUENCY-RADIO FREQUENCY  
AM-4825/U (NSN 6625-00-982-2977)  
AND  
AM-4825A/U (NSN 6625-00-982-2977)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
JULY 1977**

TECHNICAL MANUAL  
No. 11-6625-1821-40P

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, DC, 28 July 1977

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(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)  
FOR  
AMPLIFIERS, AUDIO FREQUENCY-RADIO FREQUENCY  
AM-4825/U (NSN 6625-00-982-2977)  
AND  
AM-4825A/U (NSN 6625-00-982-2977)**

*Current as of 8 April 1977*

**REPORTING OF ERRORS**

You can improve this manual by recommending improvements using DA Form 2028-2 (Test) 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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In either case, a reply will be furnished direct to you.

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\* This manual supersedes TM 11-6625-1821-45P, 15 April 1969.

## 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 general support maintenance of the AM-4825/U and AM-4825A/U. 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 List.** 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 alphabetic 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, ad '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
<b>PA</b>	<b>—Item procured and stocked for anticipated or known usage.</b>
<b>XD</b>	<b>—A support item that is not stocked. When required, item will be procured through normal supply channels.</b>

## **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) 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:

<i>Code</i>	<i>Application/Explanation</i>
O	—Support item is removed, replaced, used at the organizational level.
H	—Support item is removed, replaced, used at the general support 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**  
**H** —The lowest maintenance level capable of complete repair of the support item is the general support level.

Z -Nonrepairable. 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:

<b>Recoverability</b>	<b>Definition</b>
<i>codes</i>	Z -Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 2.

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

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	Used on
5FG	AM-4825/U
5FH	AM-4825A/U

b. The following publications pertain to the AM-4825/U and AM-4825A/U and its components:  
TM 11-6625-1821-12, Amplifier, Audio Frequency.  
Radio Frequency AM-4825/U and AM-4825A/U  
TM 11-6625-1821-45, Amplifiers, Audio Frequency.  
Radio Frequency AM-4825/U and AM-4825A/U

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 which 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.

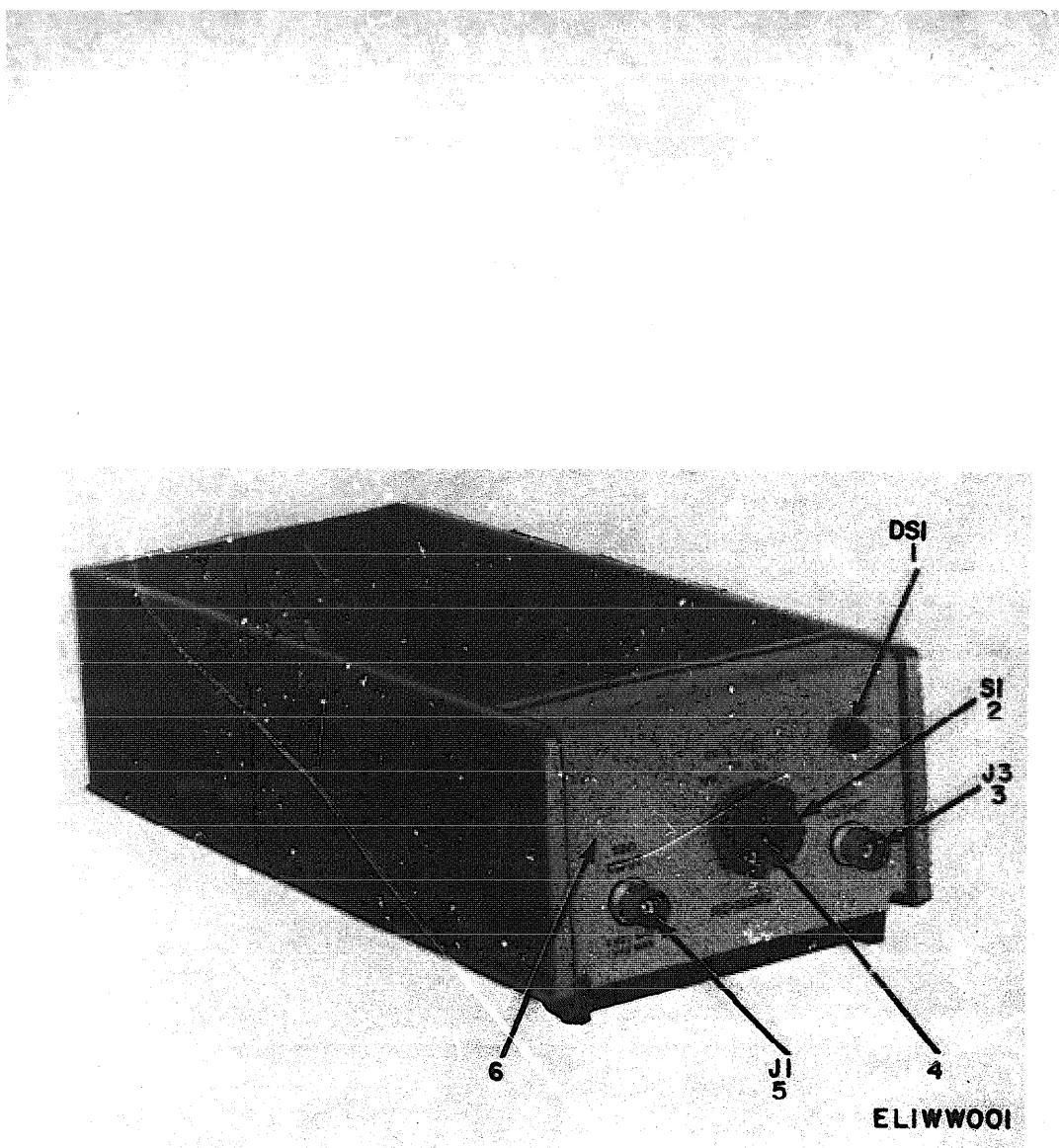
(1) First. Using the Index of National Stock Numbers and Part Numbers, And the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphabetic sequence, cross-referenced to the illustration figure number and item number.

(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)



**Figure 1. Amplifier, Audio Frequency Radio Frequency AM-4825/U and AM-4825A/U.**

## SECTION II. REPAIR PARTS LIST

TMJ1-6625-1821,4QB

(1) ILLUSTRATION		(2) ITEM NO.	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) QTY IN UNIT	(8)
(e) FIG. NO.	(d) SMR CODE					USABLE ON CODE	U/M	
						GROUP 00 AMPLIFIER,AUDIO FREQUENCY RADIO FREQUENCY AM-4825/U & AM-4825A/U		
1	1	PAHZZ	6210-00-761-8898	597-124	72765	INDICATOR LIGHT	EA	1
1	2	PAHZZ	5930-00-250-1134	3100-0759	28480	SWITCH,ROTARY	EA	1
1	3	PAHZZ	5935-00-804-5144	30624-1	95712	CONNECTOR,RCPT,ELEC	EA	1
1	4	PAOZZ	5355-00-939-0497	0370-0104	28480	KNOB	EA	1
1	5	XDHZZ	5935-00-897-9351	30384-1	95712	CONNECTOR,RCPT,ELEC	EA	1
1	6	XDHZZ		00461-00201	28480	PANEL,FRONT	EA	1

TM11-6625-1821-4OP

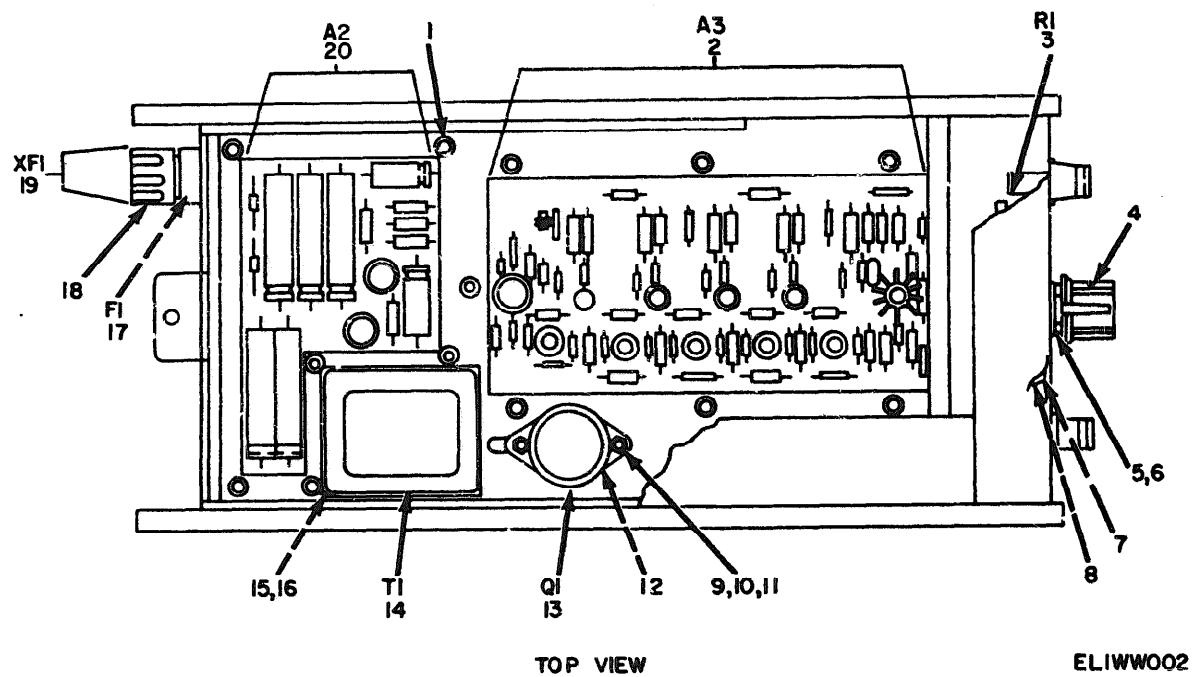


Figure 2. Amplifier, Audio Frequency Radio Frequency AM-4825/U and AM-4825A/U,  
Top View Cover Removed.

## TM11-6625-1821-40P

(1) ILLUSTRATION	(2)	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION <i>USABLE ON CODE</i>	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.	SMR CODE					
2	1	PAHZZ	5305-00-558-4889	MS35223-14	96906 SCREW,MACHINE	EA	14
2	2	XDHZZ	6625-00-140-2514	00461-66502	28480 CIRCUIT CARD ASSY	EA	1
2	3	PAHZZ	5905-00-171-1998	RC20GF333J	01349 RESISTOR,FXD,COMP	EA	1
2	4	PAHZZ	5305-00-719-5330	MS1963-21	96906 SETSCREW	EA	2
2	5	XDHZZ		3050-0067	28480 WASHER,FLAT	EA	1
2	6	PAHZZ	5310-00-595-7237	MS3333342	96906 WASHER,LOCK	EA	1
2	7	PAHZZ	5970-00-869-8798	1200-0081	28480 INSULATOR,BUSHING	EA	2
2	8	XDHZZ	5999-00-949-6571	293011	76530 INSULATOR,PLATE	EA	1
2	9	XDHZZ	5305-00-638-3293	MS35223-30	96906 SCREW,MACHINE	EA	2
2	10	XDHZZ	5310-00-595-6211	MS15795-803	96906 WASHER,FLAT	EA	1
2	11	XDHZZ	5310-00-058-3599	MS35335-57	96906 WASHER,LOCK	EA	1
2	12	PAHZZ	5999-00-961-6108	NF203	05820 HEATSINK,ELECTRICAL	EA	1
2	13	PAHZZ	5961-00-059-4466	SF776	04713 TRANSISYTOR	EA	1
2	14	PAHZZ	6120-00-129-3259	9100-0277	28480 TRANSFORMER,PWR	EA	1
2	15	PAHZZ	5310-00-934-9748	MS35649-244	96906 NUT,PLAIN,HEXAGON	EA	4
2	16	XDHZZ	5305-00-984-4977	NS35206-220	96906 SCREW,MACHINE	EA	2
2	17	PAOZZ	5920-00-280-4181	312-250	75915 FUSE,CARTRIDGE	EA	1
2	18	PAOZZ	5920-00-556-0144	FHN20G	81349 CAP,FUSEHOLDER	EA	1
2	19	PAHZZ	5920-00-881-4636	342014	75915 FUSE HOLDER ASSY	EA	1
2	20	XDHZZ			28480 CIRCUIT CARD ASSY	EA	1

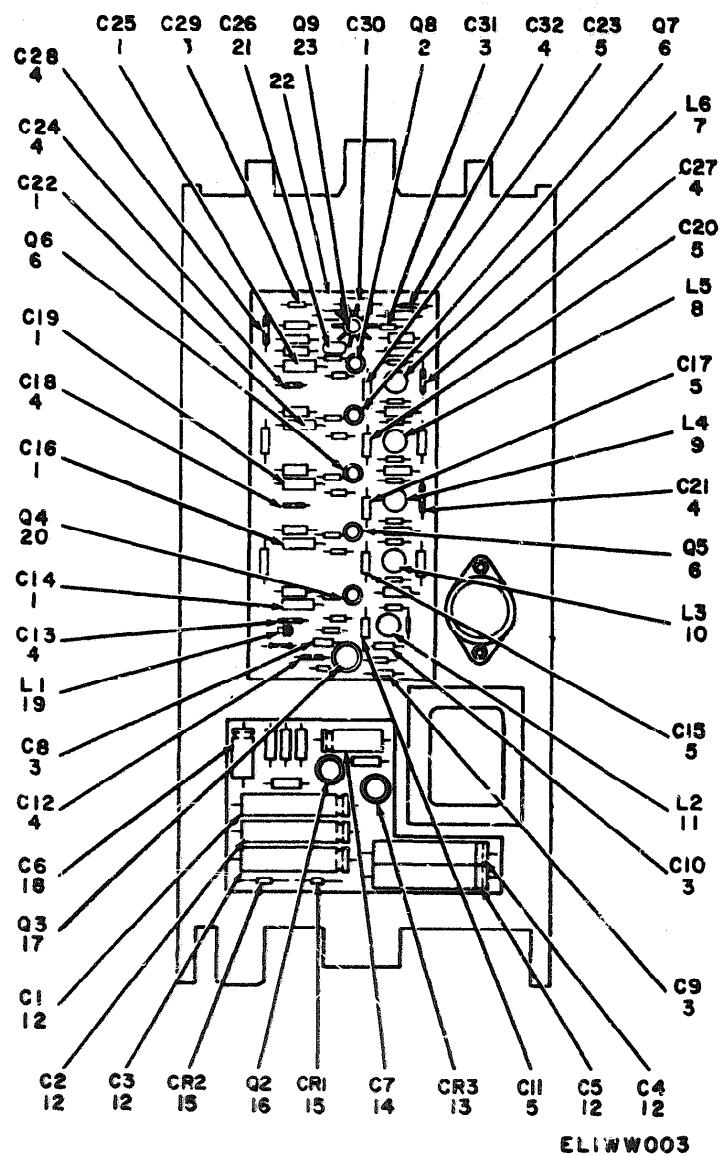


Figure 3. Amplifier, Audio Frequency Radio Frequency AM-4925/U and 4825A/U, Circuit Card Assemblies A2 and A3, Electrical Parts Location Less Resistors.

## SECTION II

TM11-6625-1821-40P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FBCM	DESCRIPTION	QTY IN U/M	QTY INC IN UNIT
3	1	PAHZZ	5910-00-803-4373	1500606X00682	56289	CAPACITOR,ELCTLT OR	5FG	EA 6
3	1	XDHZZ		CS1308606M	81349	CAPACITOR,ELCTLT OR	5FG	EA 6
3	2	XDHZZ		2N3663	81349	TRANSISTOR	EA	1
2	3	PAHZZ	5910-00-542-7371	150D225X0020A2	56289	CAPACITOR,ELCTLT OR	EA	5
3	3	PAHZZ	5910-00-007-2002	CS138E225M	81349	CAPACITOR,ELCTLT OR	5FG	EA 5
3	4	XDHZZ	5910-00-463-5955	SC98	56289	CAPACITOR,FXD,CER	EA	8
3	5	PAHZZ	5910-00-950-2368	1500475X0010A2	56289	CAPACITOR,ELCTLT OR	5FG	EA 5
3	5	XDHZZ		CS13BC474M	81349	CAPACITOR,ELCTLT OR	5FG	EA 5
3	6	XDHZZ		SS98	04713	TRANSISTOR	EA	3
3	7	XDHZZ		00461-86006	28480	COIL,RF	EA	1
3	8	XDHZZ	5950-00-135-3962	00461-86005	28480	COIL,RF	EA	1
3	9	XDHZZ	5950-00-235-8934	00461-86004	28480	COIL,RF	EA	1
3	10	XDHZZ		00461-86003	28480	COIL,RF	EA	1
3	11	XDHZZ		00461-86002	28480	COIL,RF	EA	1
3	12	PAHZZ	5910-0-766-6271	0180-0149	28480	CAPACITOR,ELCTL	EA	2
3	13	PAHZZ	5961-00-777-5533	1902-0239	28480	SEMICOND DEVICE,OIO	EA	1
3	14	XDHZZ		30D206G050CC2	56289	CAPACITOR,ELCTL	EA	1
3	15	PAHZZ	5961-00-060-8638	SR1358-8	04713	SEMICOND DEVICE,DIO	EA	2
3	16	PAHZZ	5961-00-988-7630	34164	95304	TRANSISTOR	EA	1
3	17	PAHZZ	5961-00-773-7926	2N1143	80131	TRANSISTOR OR	5FG	EA 1
3	17	XDHZZ	5961-00-761-4491	SM668	04713	TRANSISTER OR	5FG	EA 1
3	18	XDHZZ		30D20G025C82	56289	CAPACITOR,ELCTL	EA	1
3	19	XDHZ	5950-00-135-3959	00461-86001	28480	SUPPRESSOR	EA	1
3	20	PAHZZ	5961-00-927-2851	2N3478	80131	TRANSISTOR	EA	1
3	21	XDHZZ		ROM15C	72699	CAPACITOR,ELCTL OR	5FG	EA 1
3	21	PAHZZ	5910-00-832-8080	CM05CD180J03	81349	CAPACITOR,ELCTL OR	5FG	EA 1
3	22	XDHZZ		00461-26502	28480	PTD WRG BOARD	EA	1
3	23	XDHZZ	5961-00-919-4566	SS2188	04713	TRANSISTOR	EA	1

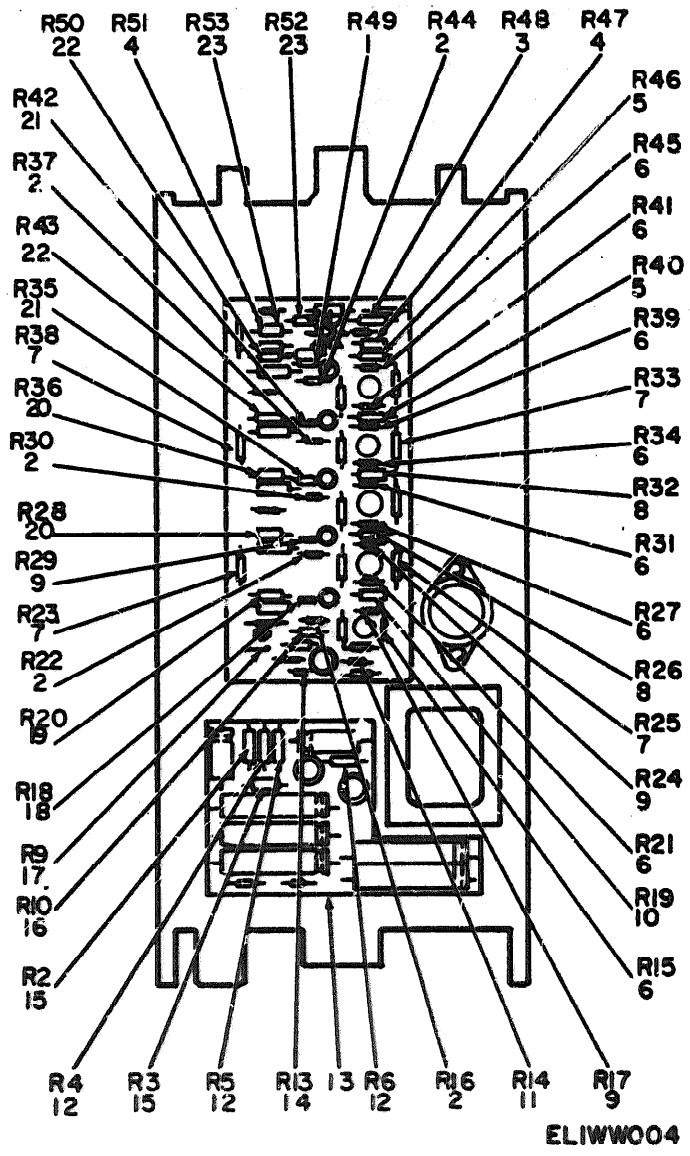
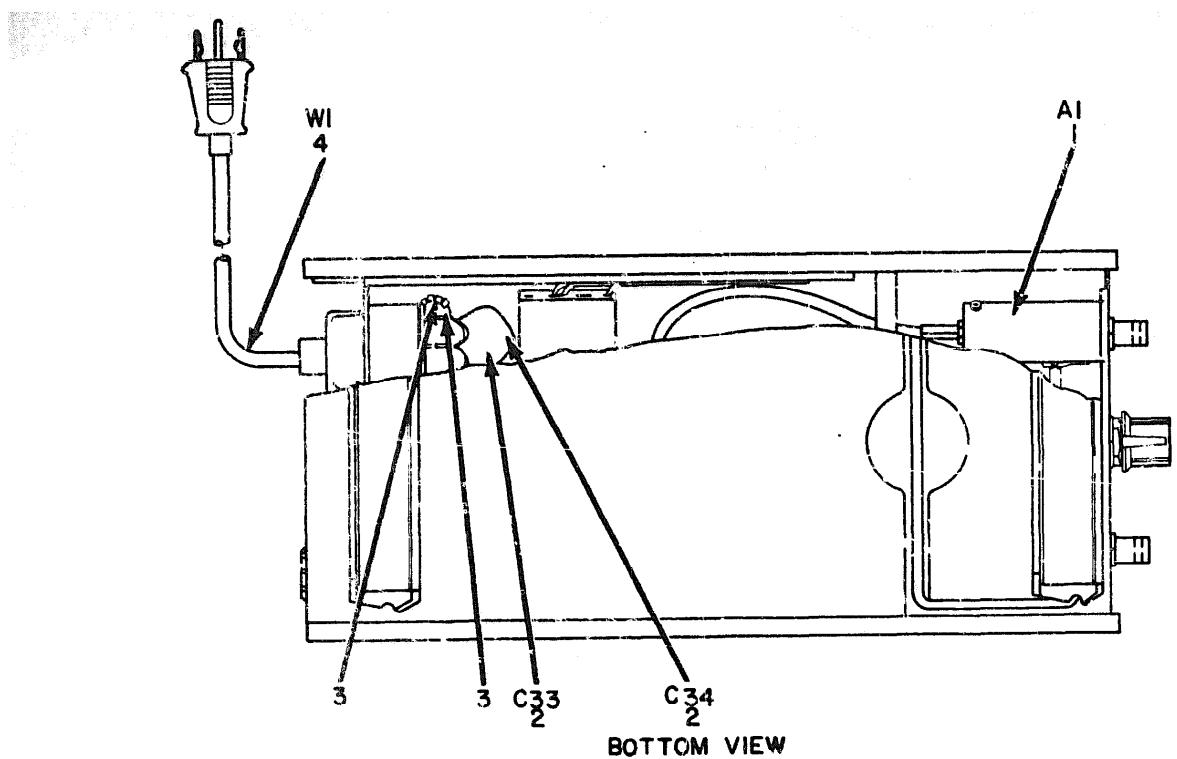


Figure 4. Amplifier, Audio Frequency Radio Frequency AM-4825/U and 4825A/U,  
Circuit Card Assemblies A2 and A3, Resistor Locations.

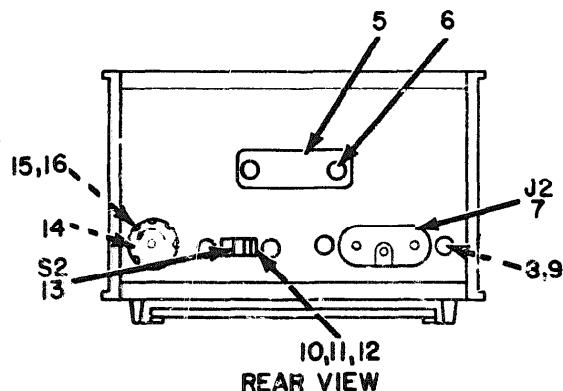
## SECTION II

(1) ILLUSTRATION (a) FIG NO.	(2) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) DESCRIPTION FSCM	(7) USABLE ON CODE U/M	(8) CTY INC IN UNIT
4 1	PAHZZ	5905-00-835-1633	RC07GF360J	81349	RESISTOR,FXD CMPSN		EA 1
4 2	PAHZZ	5905-00-681-6462	RC07GF102J	81349	RESISTOR,FXD CMPSN		EA 5
4 3	PAHZZ	5905-00-474-0448	RC20GF161J	81349	RESISTOR,FXD CMPSN		EA 1
4 4	PAHZZ	5905-00-279-3519	RC20GF220J	81349	RESISTOR,FXD CMPSN		EA 2
4 5	PAHZZ	5905-00-279-1761	RC20GF621J	81349	RESISTOR,FXD CMPSN		EA 2
4 6	PAHZZ	5905-00-682-4107	RC07GF181J	81349	RESISTOR,FXD CMPSN		EA 8
4 7	PAHZZ	5905-00-192-4490	RC20GF330J	81349	RESISTOR,FXD CMPSN		EA 4
4 8	PAHZZ	5905-00-279-3509	RC20GF911J	61349	RESISTOR,FXD CMPSN		EA 2
4 9	PAHZZ	5905-00-682-4108	RC07GF241J	81349	RESISTOR,FXD CMPSN		EA 3
4 9	PAHZZ	5905-00-682-4108	RC07GF241J	81349	RESISTOR,FXD CMPSN	5FG	EA 2
4 9	PAHZZ	5905-00-857-8821	RC20GF7R5J	81349	RESISTOR,FXD CMPSN	5FG	EA 2
4 10	PAHZZ	5905-00-279-3508	RC20GF112J	81349	RESISTOR,FXD CMPSN		EA 1
4 11	PAHZZ	5905-00-682-4097	RC07GF302J	81349	RESISTOR,FXD CMPSN		EA 1
4 12	PAHZZ	5905-00-141-1116	RCR20G562JS	81349	RESISTOR,FXD CMPSN		EA 3
4 13	XDHZZ		00461-26501		PTD WRG BOARD		EA 1
4 14	PAHZZ	5905-00-686-9996	RC07GF821J	81349	RESISTOR,FXD CMPSN		EA 1
4 15	PAHZZ	5905-00-195-6806	RC20GF102J	81349	RESISTOR,FXD CMPSN		EA 2
4 16	PAHZZ	5905-00-668-3738	RC076F182J	81349	RESISTOR,FXD CMPSN		EA 1
4 17	PAHZZ	5905-00-763-9307	RN60DS9R0F	81349	RESISTOR,FXD, FILM		EA 1
4 18	PAHZZ	5905-00-106-1279	RCR07G9R1JS	81349	RESISTOR,FXD,CMPSN		EA 1
4 19	PAHZZ	5905-00-279-1757	RC20GF152J	81349	RESISTOR,FXD CMPSN		EA 1
4 20	PAHZZ	5905-00-190-8880	RC20GF122J	81349	RESISTOR,FXD CMPSN		EA 2
4 21	PAHZZ	5905-00-121-9863	RCR07GSR6JS	81349	RESISTOR,FXD CMPSN		EA 2
4 22	PAHZZ	5906-00-171-1999	RC20GF821J	81349	RESISTOR,FXD CMPSN		EA 2
4 23	PAHZZ	5905-00-900-1219	RL20S221J	81349	RESISTOR,FXD,FILM		EA 2



ITEMS LISTED BUT  
NOT SHOWN.

REF. DES.	ITEM NO.
MP29	18



CABLE ASSEMBLY W2

ELIWW005

Figure 5. Amplifier, Audio Frequency Radio Frequency AM-4825/U and 4825A/U Additional Parts Location.

## SECTION II

TM11-6625-1821-40P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION		(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE		U/M	QTY INC IN UNIT
5	1	XDHHD	5905-00-689-1341	00461-63401	28480	ATTENUATOR, VARIABLE		EA	1
5	2	PAHZZ	5910-00-059-2305	36C219A	56289	CAPACITOR, FDX, CER		EA	2
5	3	XDHZZ	5950-00-491-2230	56-590-65A1-38	02114	BEAD, SHIELDING		EA	36
5	4	PAHZZ	5995-00-995-9822	KH4147	70903	CABLE ASSY, PWR, ELEC		EA	1
5	5	XDHZZ		7122-0202	28480	PLATE, INDENT		EA	1
5	6	XDHZZ	5320-00-879-6606	MS16535-154	96906	RIVET, TUBULAR		EA	6
5	7	PAHZZ	5935-w-059-9423	AC3G	82289	CONNECTOR, RCPT, ELEC		EA	1
5	8	XDHZZ	5310-00-878-2193	9002	73734	NUT, PLAIN, HEXAGON		EA	3
5	9	XDHZZ		1920-02-00-2480	78189	WASHER, LOCK		EA	2
5	10	XDHZZ		MS35335-58	96906	WASHER, LOCK		EA	1
5	11	XDHZZ	5310-00-937-9761	MS35649-264	96906	NUT, PLAIN, HEXAGON		EA	1
5	12	XDHZZ		124	79963	TERMINAL, LUG		EA	2
5	13	PAHZZ	5930-00-977-1760	11A1009	82389	SWITCH, SLIDE		EA	1
5	14	PAHZZ	5330-00-733-2208	MS29513-112	96906	PACKING, PREFORMED		EA	1
5	15	XDHZZ		903-12	75915	NUT, PLAIN, HEXAGON		EA	1
5	16	XDHZZ	5310-00-253-8221	905-23	75915	WASHER, LOCK		EA	2
5	17	XDHZZ		00461-61603	28480	CABLE ASSEMBLY		EA	1
5	18	PAHZZ	5940-00-065-5029	42428-3	00779	TERMINAL, QUICK DISC		EA	2

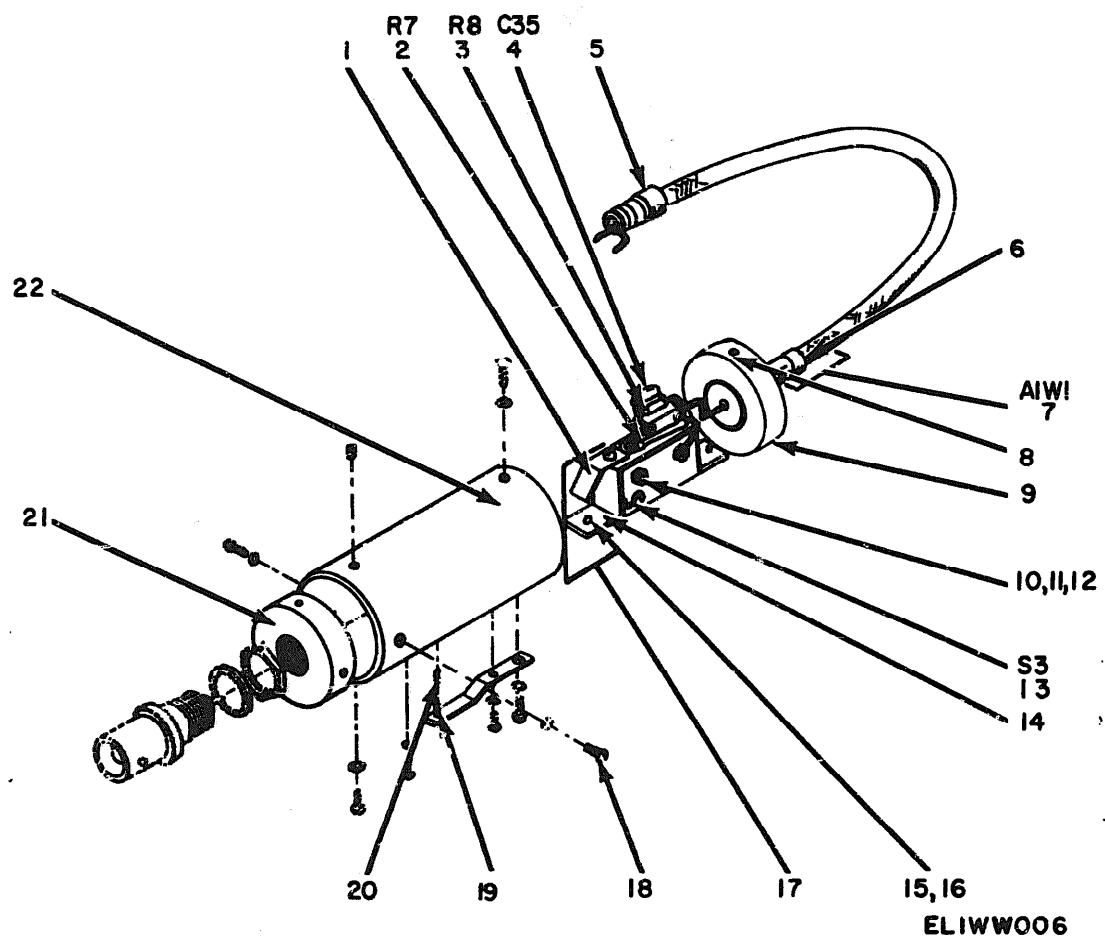
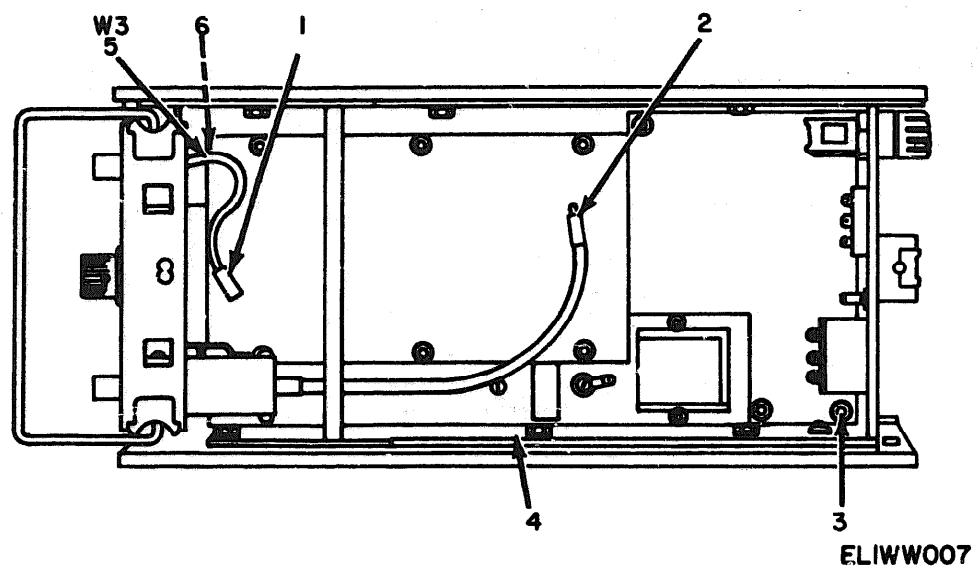


Figure 6. Amplifier, Audio Frequency Radio Frequency AM-4825/U and **AM-4825A/U**,  
Exploded View of A1 Attenuator.

## SECTION II

TM 11-6625-1821-40P

(1) ILLUSTRATION (a) FIG. NO.	(2) ITEM NO.	(3) NATIONAL STOCK NUMBER <sup>b</sup>	(4) PART NUMBER	(5) FBCM	(6) DESCRIPTION USABLE ON CODE	(7)	
						QTY INC IN UNIT U/M	(8)
6	1	PAHZZ	5360-00-411-2612	00461-09102	28480 CONTACT,ELECTRICAL	EA	-1
6	2	PAHZZ	5905-00-903-4506	RN55D4990F	81349 RESISTOR,FXD,FLIM	EA	-1
6	3	PAHZZ	5905-00-050-7169	RN60DS4R9F	81349 RESISTOR,FXD,FLIM	EA	-1
6	4	PAHZZ	5910-00-577-7759	GA1UUFPORN5PCT	78488 CAPACITOR,FXD PPR	EA	-1
6	5	PAHZZ	5940-00-617-6604	YQE120	09922 FERRULE,RAD FREQ	EA	-1
6	6	PAHZZ	5940-00-502-7287	GSC2195	59730 FERRULE,RF CABLE	EA	-1
6	7	PAHZZ	5995-00-938-0866	00461-61604	28480 CABLE ASSY,SPCL PRP	EA	-1
6	8	XDHZZ	5305-00-717-6950	NS51963-9	96906 SETSCREW	EA	-1
6	9	XDHZZ		00461-23403	28480 COVER,ATTENUATOR	EA	-1
6	10	XDHZZ		MS35223-5	96906 SCREW,MACHINE	EA	-2
6	11	PAHZZ	5310-00-938-2013	MS35649-224	96906 NUT,PLAIN,HEXAGON	EA	-2
6	12	PAHZZ	5310-00-502-8990	MA35338-96	96906 WASHER,LOCK	EA	-4
6	13	PAHZZ	5930-00-690-0824	22M261	91929 SWITCH,SENSITIVE	EA	-1
6	14	XDHZZ		00461-01202	28480 BRACKET,MOUNTING	EA	-1
6	15	PAHZZ	5305-00-405-8960	MS35223-13	96906 SCREW,MACHINE	EA	-7
6	16	PAHZZ	5310-00-193-7577	MS35333-36	96906 WASHER,LOCK	EA	-7
6	17	XDHZZ	5360-00-484-3736	00461-69101	28480 ACTVTR,ASSY,SWITCH	EA	-1
6	18	PAHZZ	5305-00-7482	MS35206-202	96906 SCREW,MACHINE	EA	-2
6	19	XDHZZ		RS3553-109	12014 RIVET,TUBULAR	EA	-1
6	20	XDHZZ		1460-0159	28480 SPRING,HLCL,CPRSN	EA	-2
6	21	XDHZZ		00461-23402	28480 HOUSING,ATTENUATOR	EA	-1
6	22	XDHZZ		00461-23-01	28480 COVER,ATTENUATOR	EA	-1



**Figure 7. Amplifier, Audio Frequency Radio Frequency AM-4825/U and AM-4825A/U,  
Bottom View.**

## SECTION II

TM 11-6625-1821-40P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FBCM	(6) DESCRIPTION  USABLE ON CODE	(7)	(8) CITY INC IN UNIT
(a) FIG. NO.	(b) ITEM NO.						U/M	
7	1	PAHZZ	5940-00-501-5648	0362-0044	28480	FERRULE,RF CABLE	EA	1
7	2	PAHZZ	5940-00-502-7688	YOC90	09922	FERRULE,RF CABLE	EA	1
7	3	XDHZZ	5310-00-680-4919	CL632-2C	46384	NUT,PLAIN,CLINCH	EA	5
7	4	XDHZZ		00461-00101	28480	CHASSIS,ELEC EQPT	EA	1
7	5	XDHZZ	5995-00-411-4166	00461-61602	28480	CABLE ASSEMBLY,RF	EA	1
7	6	XDHZZ		00461-29201	28480	CAM	EA	1

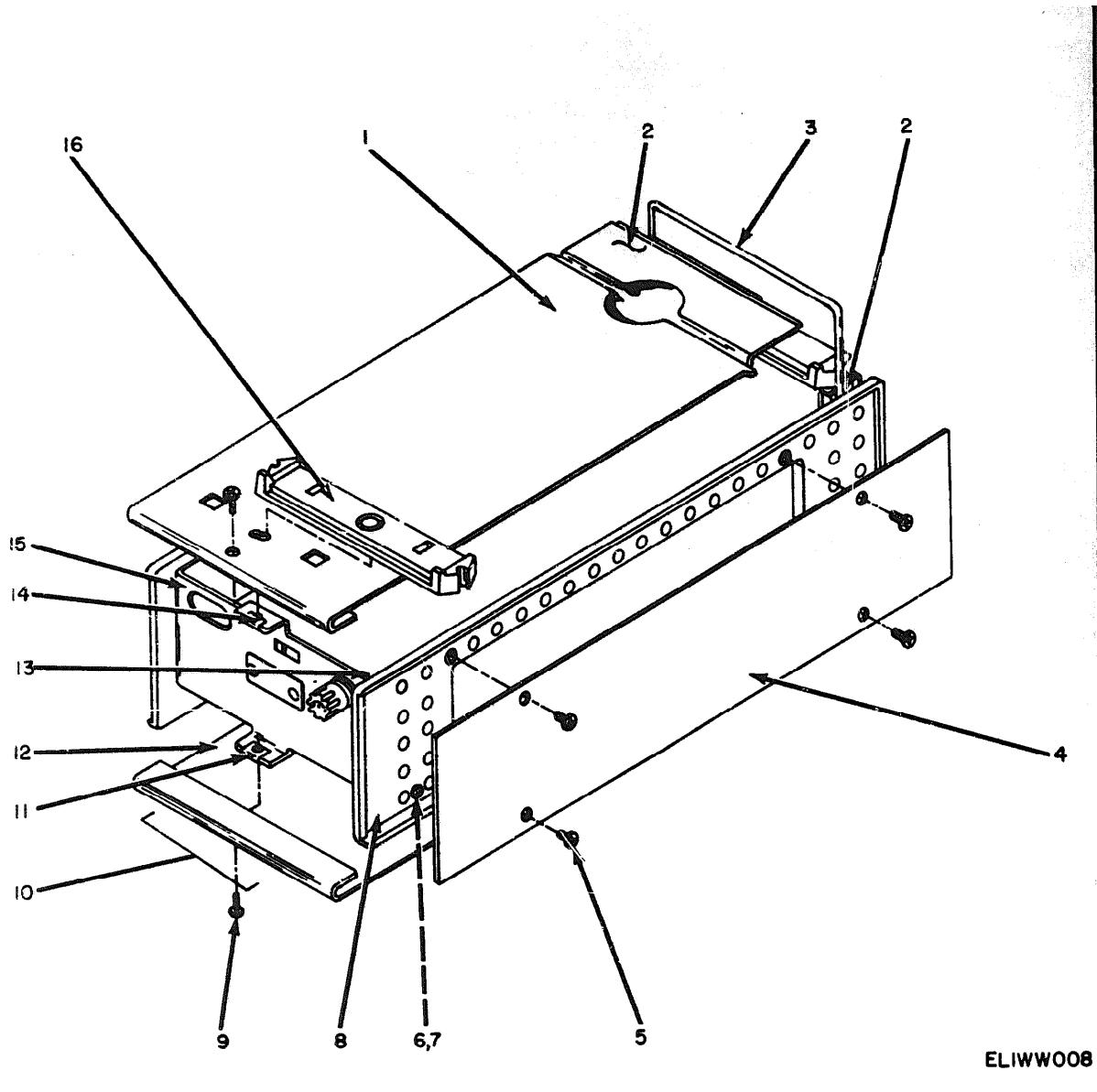


Figure 8. Amplifier, Audio Frequency Radio Frequency Am-4825/U and AM-4825A/U, Panel Removal and Replacement.

## SECTION II

TM 11-6625-1821-40P

(1) ILLUSTRATION (2) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) PCN	(7) DESCRIPTION USABLE ON CODE	(8) QTY INC IN UNIT U/M
8 1	XDHZZ		5000-0711	28480	COVER,BOTTOM	EA -1
8 2	XDHZZ		5040-0700	28480	HINGE,BAIL	EA 2
8 3	XDHZZ		1490-0031	28480	HANDLE,BAIL	EA 1
8 4	XDHZZ		5000-0700	28480	COVER,SIDE	EA 2
8 5	XDHZZ	5305-00-709-2010	MS24693C23	96906	SCREW,MACHINE	EA 8
8 6	XDHZZ	5305-00-059-4550	MS35190-235	96906	SCREW,MACHINE	EA 9
8 7	XDHZZ		MS35336-11	96906	WASHER,LOCK	EA 14
8 8	XDHZZ		5060-0700	28480	FRAME ASSEMBLY,CAB	EA 2
8 9	XDHZZ		MS2469C23	96906	SCREW,MACHINE	EA 2
8 10	XDHZZ		5060-0709	28480	COVER ASSEMBLY, TOP	EA 1
8 11	XDHZZ		C8020-632-248	78553	NUT,SHEET SPRING	EA 2
8 12	XDHZZ		5020-0702	28480	COVER,TOP	EA 1
8 13	XDHZZ		CL632-2C	46384	NUT,PLAIN,CLINCH	EA 4
8 14	XDHZZ		017373-012-248	78553	NUT,SHEET SPRING	EA 1
8 15	XDHZZ		00461-00202	28480	PANEL ASSEMBLY,REAR	EA 1
8 16	XDHZZ		5060-0727	28480	FOOT ASSEMBLY	EA 1

## SECTION IV

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM 11-6625-1821-40P

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

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5905-00-050-7169			5905-00-682-4097	4	1 1
5310-00-058-3599			5905-00-682-4107	4	6
5935-00-058-9423	5	7	5905-00-682-4108	4	9
5910-00-059-2305	5	2	5905-00-682-4108	4	9
5961-00-059-4466	2	13	5905-00-686-9996	4	1 4
5305-00-059-4550	8	6	5905-00-688-3738	4	1 6
5961-00-060-8638	3	15	5905-00-689-1341	5	1
5940-00-065-5029	5	18	5930-00-690-0824	6	1 3
6120-00-129-3259	2	14	5305-00-709-2010	8	5
5950-00-135-3959	3	19	5305-00-717-6950	6	8
5950-00-135-3962	3	8	5305-00-719-5330	2	4
6625-00-140-2514	2	2			
5905-00-171-1998	2	3	5961-00-761-4492	3	1 7
5905-00-171-1999	4	22	6210-00-761-8898	1	1
5905-00-1190-8880	4	20	5905-00-763-9307		1 7
5905-00-192-4490	4	7	5910-00-766-6271	3	1 2
5310-00-193-7577	6	16	5961-00-773-7926	3	1 7
5905-00-195-6806	4	15	5961-00-777-5533	3	1 3
6625-00-228-8740	2	20	5910-00-803-4373	3	1
5950-00-235-8934	3	9	5935-00-804-5144	1	3
5930-00-250-8134	1	2	5910-00-832-8080	3	2 1
5310-00-253-8221	5	16	5905-00-835-1633	4	1
5905-00-279-1757	4	19	5905-00-857-8821	4	9
5905-00-279-1761	4	5	5970-00-869-8798	2	7
5905-00-279-3508	4	10	5310-00-878-2193	5	8
5905-00-279-3509	4	8	5320-00-879-6606	5	6
5905-00-279-3519	4	4	5935-00-897-9351	1	5
5920-00-280-4181	2	17	5905-00-900-1219	4	2 3
5360-00-411-2612	6	1	5905-00-903-4506	6	2
5995-00-411-4166	7	5	5961-00-919-4566	3	2 3
5910-00-463-5955	3	4	5961-00-927-2851		2 0
5905-00-474-0448	4	3	5310-00-934-9748	2	1 5
5360-00-484-3736	6	17	5310-00-937-9761	5	1 1
5950-00-491-2230	5	3	5995-00-938-0866	6	7
5940-00-501-5648	7	1	5310-04-938-2013	6	1 1
5940-00-502-7688	7	2	5355-00-939-0497	1	4
5910-00-542-7371	3	3	5999-00-949-6571	2	8
5305-00-558-4889	2	1	5910-00-950-2368	3	5
5310-00-595-6211	2	10	5999-00-961-6108	2	1 2
5310-00-595-7237	2	6	5930-00-977-1760	5	1 3
5940-00-617-6404	6	5	5340-00-978-7859		2
5305-00-638-3293	2	9	5305-00-984-4977		1 6
5310-00-680-4919	7	3	5995-00-995-9822		4
5905-00-681-6462	4	2			

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AC3G	82389	5	7	MS95649-264	96906	5	1 1
CL632-2C	46384	7	3	MS51963-21	96906	2	4
CL632-2C	46584	8	13	MS51963-9	96906	6	8
C M O 5 C D 1 8 0 J 0 3	81349	3	21	NF203	05820	2	1 2
C S 1 3 8 8 6 0 6 M	81349	3	1	RC07GF102J	81349	4	6
CS138C474M	81349	3	5	RC07GF181J	81349	4	6
CS1388225M	81349	3	3	RC07GF182J	81349	4	1 6
C 1 7 3 7 3 - 0 1 2 - 2 4 8	78553	8	14	RC07GF241J	81349	4	9
C 8 0 2 0 - 6 3 2 - 2 4 8	78553	8	11	RC07GF241J	81349	4	9
GSC2195	59730	6	6	RC07GF302J	81349	4	1 1
KH4147	70903	5	4	RC07GF360J	81349	4	1
MS15795-803	96906	2	10	RC07GF821J	81349	4	1 4
MS16535-154	96906	5	6				
MS2469C25	96906	8	9	RC20GF102J	81349	4	1 5
MS24693C23	96906	8	5	RC20GF112J	81349	4	1 0
MS29513-112	96906	5	14	RC20GF122J	81349	4	2 0
MS35190-235	96906	8	6	RC20GF152J	81349	4	1 9
MS35206-220	96906	2	16	RC20GF161J	81349	4	3
MS35223-13	96906	6	15	RC20GF220J	81349	4	4
MS35223-14	96906	2	1	RC20GF330J	81349	4	7
MS35223-30	96906	2		RC20GF333J	81349	2	3
MS35223-5	96906	6	10	RC20GF621J	81349	4	5
MS35333-36	96906	6	16	RC20GF785J	81349	4	9
MS35333-42	96906	2	6	RC20GF821J	81349	4	2 2
MS35335-57	96906	2	11	RC20GF911J	81349	3	8
MS35336-11	96906	8	7	RDM15C	72699	3	2 1
MS35649-224	96906	6	11	R L 2 0 S 2 2 1 J	81349	4	2 3
MS35649-244	96906	2	15	R N 5 5 D 4 9 9 0 F	83349	6	2
				R N 6 0 D 5 4 R 9 F	81349	6	3

## SECTION IV

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM11-6625-1821-40P

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
RN60D59R0F	81349	4	17	1490-0031	28480	8	3
RS3553-109	12014	6	19	150D225X0020A2	56289	3	3
SM668	04713	3	17	150D475X0010A2	56289	3	5
SP776	04713	2	13	150D606X006B2	56289	3	1
SR1358-8	04713	3	15	1902-0239	28480	3	13
SS2188	04713	3	23	1920-02-00-2480	78189	5	9
SS98	04713	3	6	2N1143	80131	3	17
YOC90	09922	7	2	2N3478	80131	3	20
YOE120	09922	6	5	2N3663	81349	3	2
00461-00101	28480	7	4	22M261	91929	6	13
00461-11201	28480	1	6	293011	76530	2	8
00461-00202	28480	8	15	30D20GO25CB2	56289	3	18
00461-01202	28480	2	4	30D206GO5OCC2	56289	3	14
00461-09102	28480	6	1	30384-1	95712	1	5
00461-23401	28480	6	22	3050-0067	28480	2	5
0046123402-	28480	6	21	30624-1	95712	1	3
0046123403-	28480	6	9	3100-0759	28480	1	2
00461-26501	28480	4	13	312-250	75915	2	17
00461-26502	28480	3	22				
00461-29201	20480	7	6				
00461-61602	20480	7	5	342014	75915	2	19
00461-61603	28480	5	17	36C219A	56289	5	2
00461-61604	28480	6	7	42428-3	00779	5	18
00461-63401	28480	5	1	5C9B	56289	3	4
00461-66501	28480	2	20	5000-0700	28480	8	4
00461-66502	28480	2	2	5000-0711	28480	8	1
00461-69101	28480	6	17	5020-0702	28480	8	12
00461-86001	28480	3	19	5040-0700	28480	8	2
00461-86002	28480	3	11	5060-0700	28480	8	8
00461-86003	28480	3	10	5060-0709	28480	8	10
00461-86004	28480	3	9	5060-0727	28480	8	16
00461-86005	28480	2	8	56-590-65A1-38	02114	5	3
00461-86006	28480	3	12	599-124	72765	1	1
0180-0149	28480	3	7	7S35335-58	96906	5	10
0362-0044	28480	7	1	7122-0202	29480	5	5
0370-0104	28480	1	13	9002	73734	5	8
11A1009	82389				75915	5	15
1200-0081	28480	2	7	905-23	75915	5	16
124	79963	5	20	9100-0277	28480	2	14
1460-0159	28480	6					

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.
5910-00-007-2002	3	3
5905-00-106-1279	4	18
	4	21
5905-00-141-1116	4	12
5310-00-184-8990	6	12
5305-00-405-8960	6	15
5940-00-502-7287	6	6
5910-00-577-7759	6	4
5330-00-733-2208	5	14
5305-00-762-7482	6	18

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIGURE NO.	ITEM NO.
GA1UUFPORM5PCT	78488	6	4
	96906	6	18
MS35338-96	96906	6	12
RCR07G5R6JS	81349	4	21
RCR07G9RIJS		4	18
RCR20GF562JS	81349	4	12

## ADDITIONAL LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.
5920-00-556-0144	2	18
5920-00-881-4636	2	19
5951-00-988-7630	3	16

## ADDITIONAL LATEST PART NUMBER AND ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
FHN20G	81349	2	18
	95304	3	16

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SAAD (30)

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TOAD (14)  
SHAD (3)  
ANAD (2)  
HUSA (Ft Monmouth) (38)  
ATS (1)  
WRAMC (1)  
Svc Colleges (1)  
USAICB (3)  
USAADS (2)  
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    39-134  
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For explanation of abbreviations used, see AR 310-50.

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23 Jan 74

Radar Set AN/PSE-76

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TEAR ALONG DOTTED LINE

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.	
2-25	2-28			Recommend that the installation antenna alignment procedure be changed throughout to specify a 2° IFF antenna lag rather than 1°.  REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 55 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.
3-10	3-3	3-1		Item 5, Function column. Change "2 db" to "3db."  REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.
5-6	5-8			Add new step f.1 to read, "Replace cover plate removed in step e.1, above."  REASON: To replace the cover plate.
		F03		Zone C 3. On J1-2, change "+24 VDC to "+5 VDC."  REASON: This is the output line of the 5 VDC power supply. + 24 VDC is the input voltage.

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PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
1	1	1	1

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

TEAR-A-ONG DOTTED LINE

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PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.			
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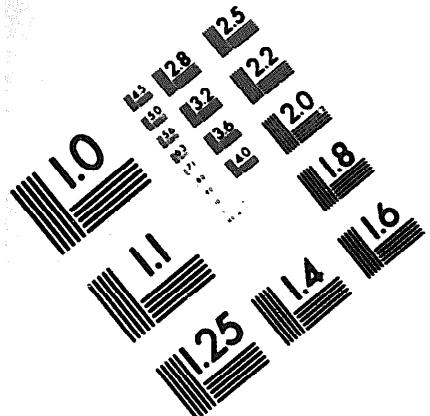
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1.5 mm ( $e = 1.09$  mm)

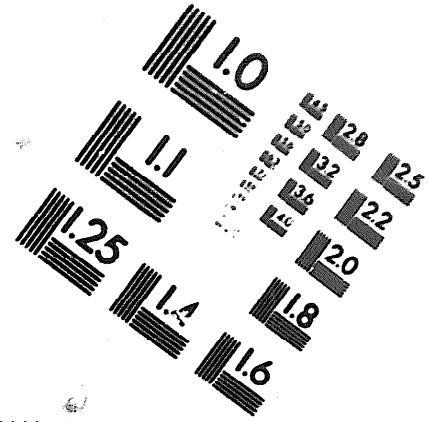
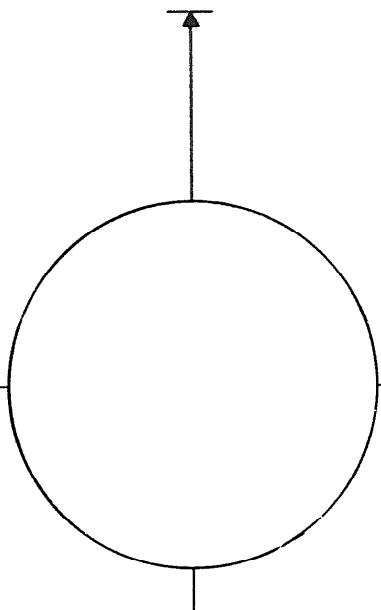
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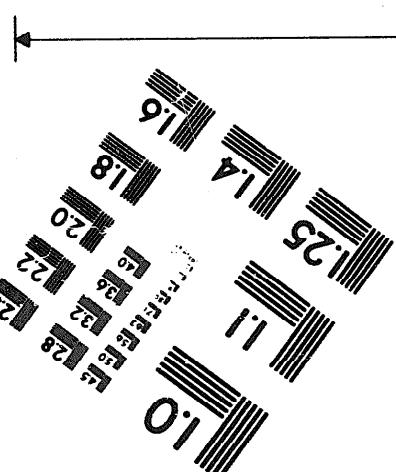
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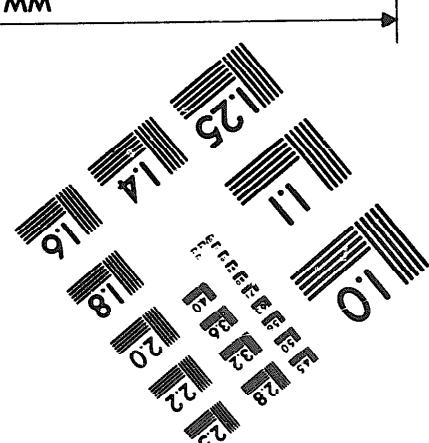
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