

TM 11-6625-422-24P-3

TECHNICAL MANUAL

**ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)**

FOR

**OSCILLOSCOPE OS-119/GGM
(NSN 6625-00-893-1732)**

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

*TM 11-6625-422-24P-3

MECHANICAL MANUAL

No. 11-6625-422-24P-3

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC 14 July 1977

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS; AND SPECIAL TOOLS LISTS
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F O R

OSCILLOSCOPE OS-119/GGM
(NSN 6625-00-893-1732)

Current as of 3 March 1977

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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, direct support, and general support maintenance of the OS-119/GGM. It authorizes the repositioning 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, 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.
XD - A	support item that is not stocked. When required, item will be procured through normal supply channels.

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:

<i>Code</i>	<i>Application/Explanation</i>
H -	The lowest maintenance level capable of complete repair of the support item is the general support level.

Z - Nonreparable. No repair is authorized.

(3) Recoverability co&. 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.

H--Reparable item. When uneconomically repar- able, condemn and dispose at the general support 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 stuck 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 publication pertains to the OS-119/GGM and its components :

TM 11-6625-422-12, Test Sets, Teletypewriter AN/GGM-1, AN/GGM-2, AN/GGM-3, AN/GGM-4, and AN/GGM-5

TM 11-6625-422-35/3, Oscilloscope OS-119/GGM

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, 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) Sued. After finding the figure and item

number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.

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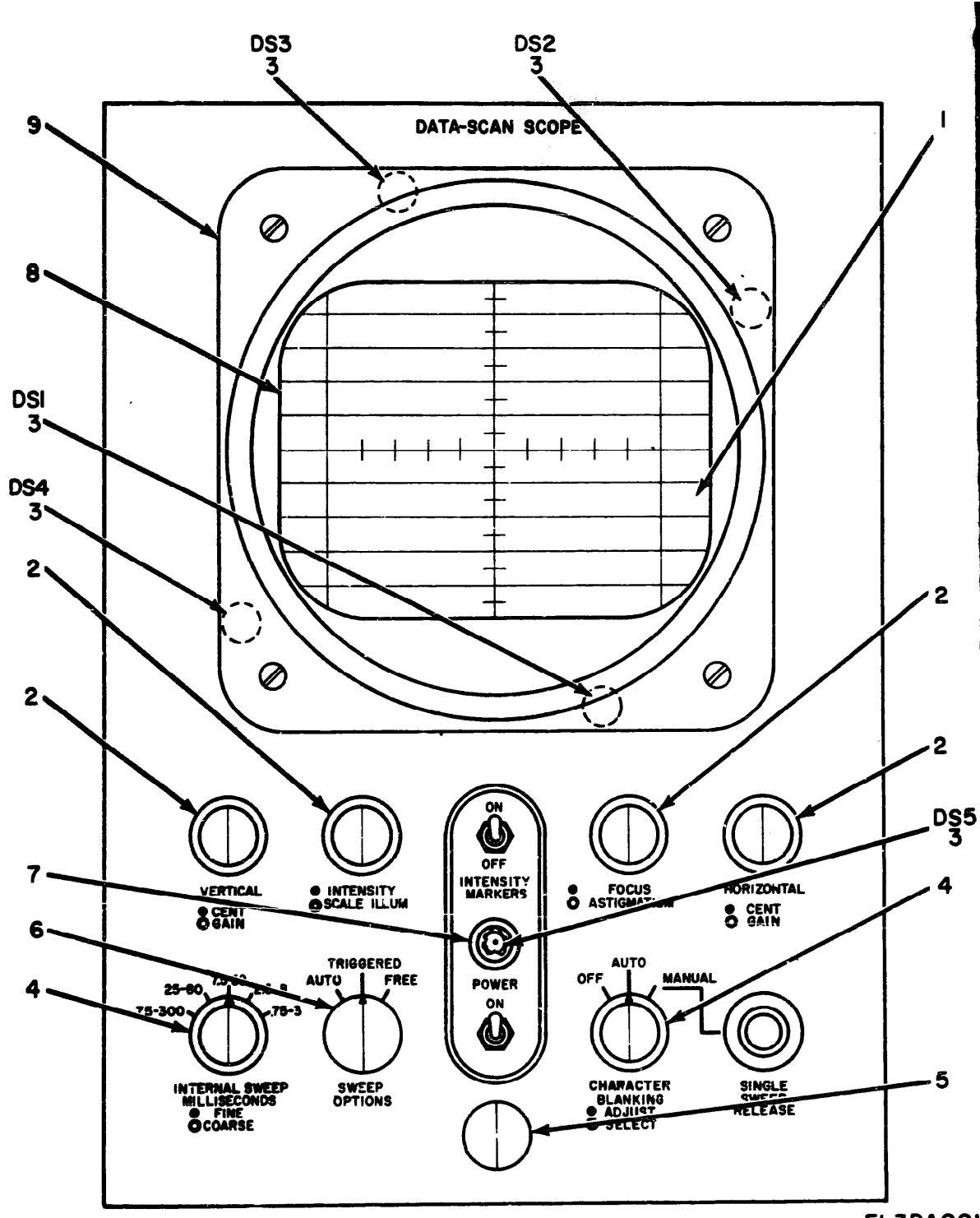


Figure 1. Oscilloscope OS-119/GGM, Front Panel.

SECTION II

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(1) FIG. NO.	(2) ITEM NO.	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
						USABLE ON CODE	
GROUP 02 OSCILLOSCOPE OS-119/GGM							
1	1	XDHZZ	100235	99813	FILTER,LIGHT	EA	1
1	2	PAOZZ	5355-00-060-5683	A10033-1	96238 KNOB	EA	4
1	3	PAOZZ	6240-00-683-0560	345	08806 LAMP,INCANDESCENT	EA	5
1	4	PAOZZ	5355-00-062-2947	A10033-2	96238 KNOB	EA	2
1	5	PAOZZ	5355-00-556-0151	M591528-1D20	28127 KNOB	EA	1
1	6	PAOZZ	5355-00-060-5685	A11234	96238 KNOB	EA	1
1	7	PAOZZ	6210-00-892-5737	RDL-7	07137 LENS,INC LIGHT	EA	1
1	8	PAHZZ	6670-00-456-5865	1G0246	99813 SCALE,CATH RAY TUBE	EA	1
1	9	XDHZZ		100231	99813 CASTING,BEZEL	EA	1

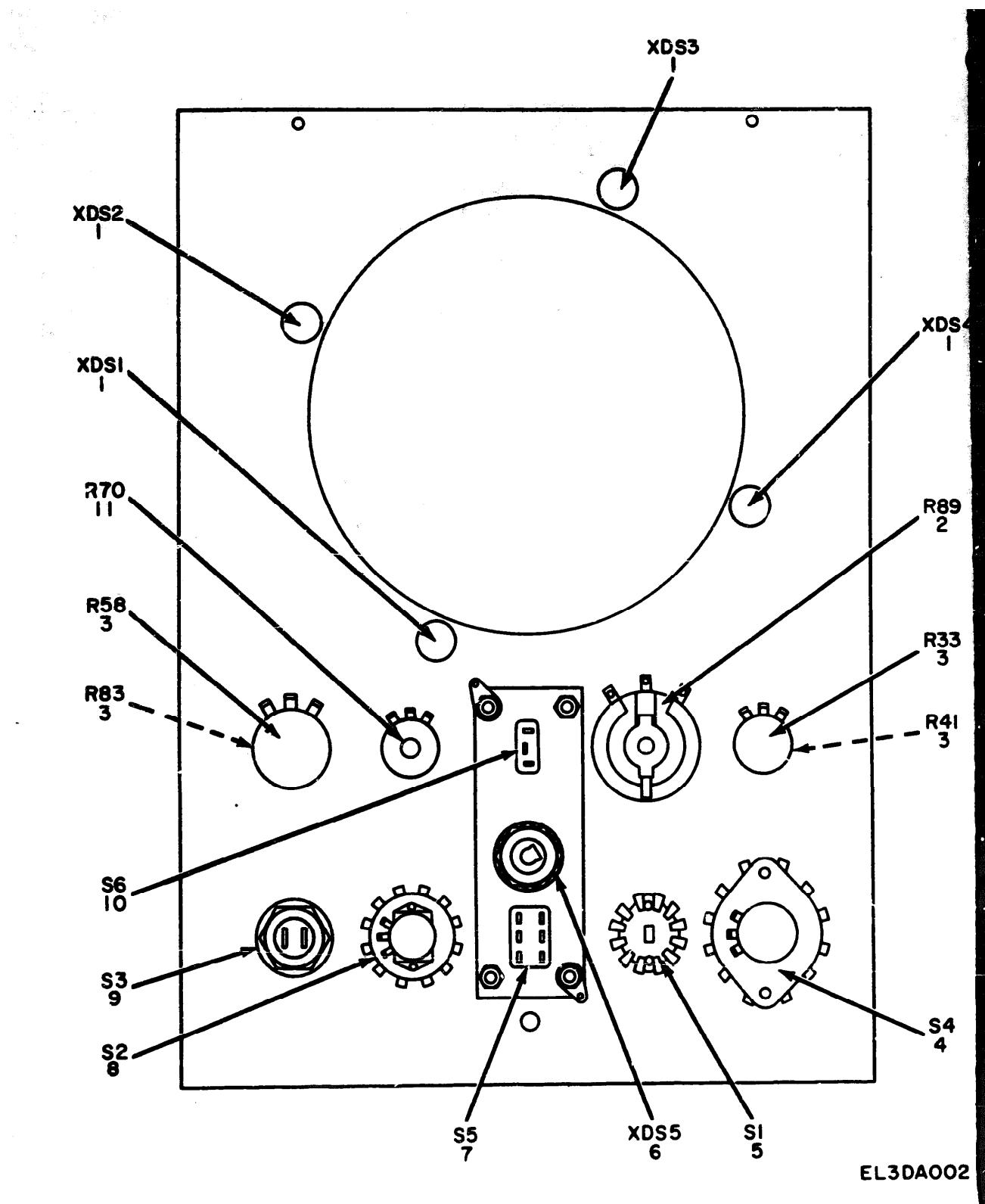


Figure 2. Oscilloscope OS-119/GGM, Front Panel, Rear.

SECTION II

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(1) ILLUSTRATION NO.	(2) ITEM NO.	(3) NSN CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) DESCRIPTION	(7)		(8) QTY INC IN UNIT
						(7)	(8)	
2	1	PANZZ	6250-00-061-0117	100232	99813 LAMPHOLDER	EA	4	
2	2	PANZZ	5905-00-060-7080	A10226	96298 RESISTOR, VARIABLE	EA	1	
2	3	PANZZ	5905-00-060-7432	HW20930	71450 RESISTOR, VARIABLE	EA	4	
2	4	PANZZ	5930-00-019-5312	B11163	96238 SWITCH, ROTARY	EA	1	
2	5	PANZZ	5930-00-019-5311	B11160	96238 SWITCH, ROTARY	EA	1	
2	6	PANZZ	6250-00-061-7294	RDL-B-7	07137 LAMPHOLDER	EA	1	
2	7	PANZZ	5930-00-692-5015	A3-41/E4-111	81640 SWITCH, TOGGLE	EA	1	
2	8	PANZZ	5930-00-019-5310	B11161	96238 SWITCH, ROTARY	EA	1	
2	9	PANZZ	5930-00-264-0595	C100E3	81640 SWITCH, PUSH	EA	1	
2	10	PANZZ	5930-00-892-9020	A3-42/E4-111	81640 SWITCH, TOGGLE	EA	1	
2	11	PANZZ	5905-00-060-7436	JAZ21092	10582 RESISTOR, VARIABLE	EA	1	

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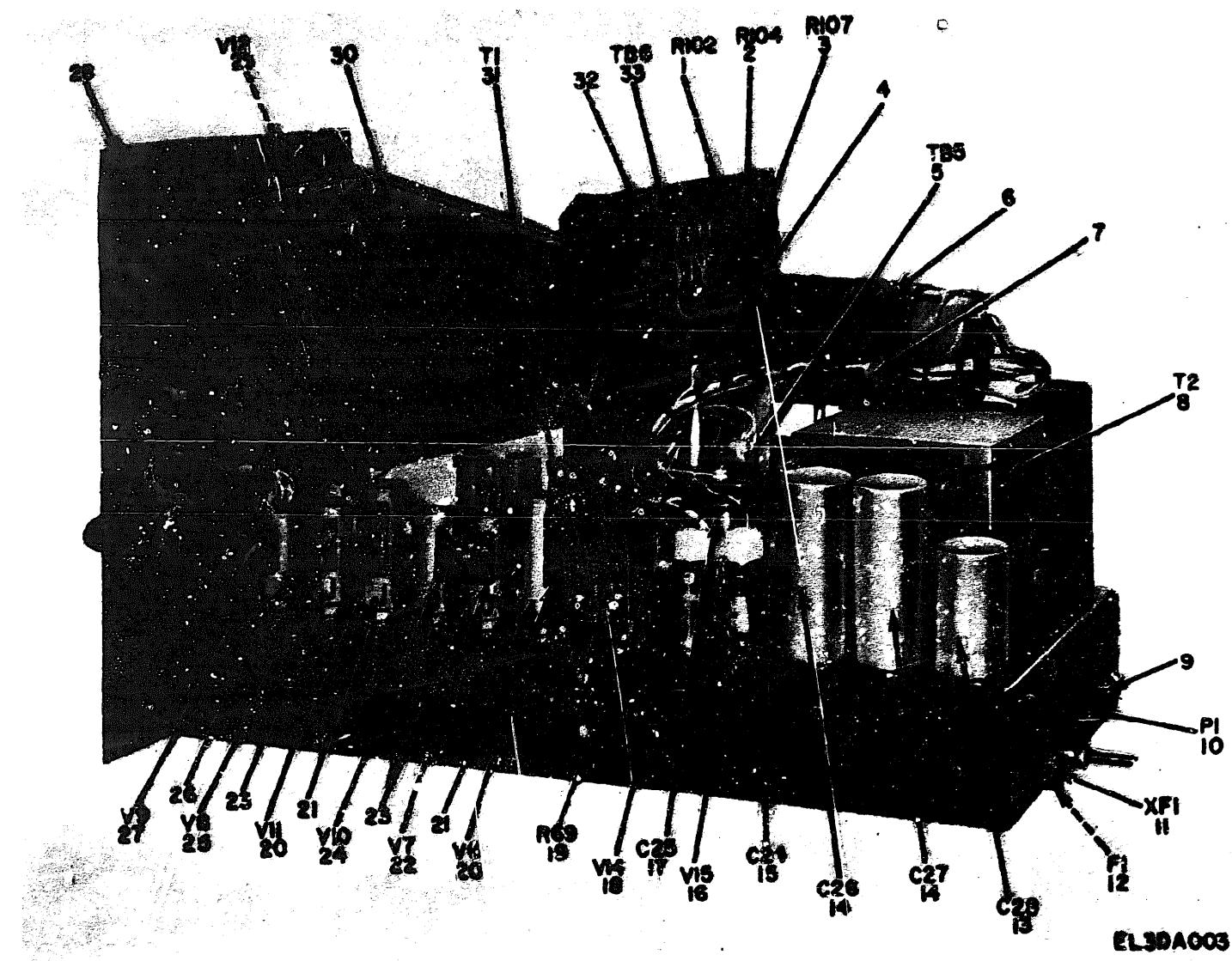


Figure 3. Oscilloscope OS-119/GGM, Rear Right Oblique View.

SECTION II

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION	FIG NO.	ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	QTY INC IN UNIT
							USABLE ON CODE	U/M
3	1	PANZZ	5905-00-061-0025	F129	44655	RESISTOR, FIXED, 6W		EA 1
3	2	PANZZ	5905-00-751-1659	F113	44655	RESISTOR, FIXED, 6W		EA 1
3	3	PANZZ	5905-00-818-0076	F123	44655	RESISTOR, FIXED, 6W		EA 1
3	4	XDNZZ		B9986-1	96238	SUPPORT, TUBE LH		EA 1
3	5	PANHH	6625-00-887-4763	PG680-2	96238	OSCILLOSCOPE SBASSY		EA 1
3	6	XDNZZ		B11617	96238	STRAP, HOLD DOWN		EA 1
3	7	XDNZZ		HP2N	09922	CLAMP, LOOP		EA 1
3	8	PANZZ	5950-00-865-3457	C4981	96238	TRANSFORMER, POWER		EA 1
3	9	XDNZZ		A8888	96238	GUIDE, PIN		EA 2
3	10	PANZZ	5935-00-105-8508	26-159-32	02669	CONNECTOR, RCPT, ELEC		EA 1
3	11	PANZZ	5920-00-556-0144	342003	75915	FUSEHOLDER		EA 1
3	12	PAOZZ	5920-00-855-4260	FG2D2R008	01349	FUSE, CARTRIDGE		EA 1
3	13	XDNZZ		CE41C500M	28127	CAPACITOR, ELC/LLT		EA 1
3	14	XDNZZ		CE41C800P	82376	CAPACITOR, ELC/LLT		EA 2
3	15	PANZZ	5910-00-246-8546	T M30001	82039	CAPACITOR, FWD, PAPER		EA 1
3	16	PAOZZ	5960-00-272-8553	1A2B	28127	ELECTRON TUBE		EA 1
3	17	PANZZ	5510-00-187-6646	T M300025	82039	CAPACITOR, FWD, PAPER		EA 1
3	18	PACZZ	5960-00-855-2875	A6473	96238	ELECTRON TUBE, MATCH MATCHED WITH V13		PR 1
3	19	PANZZ	5905-00-060-7431	HY20954	71450	RESISTOR, VARIABLE		EA 1
3	20	PAOZZ	5960-00-669-8921	12BH7A	28127	ELECTRON TUBE		EA 2
3	21	PAOZZ	5960-00-856-8336	151-11-33-013	71785	SHIELD, ELCTRN TUBE		EA 2
3	22	PAOZZ	5960-00-669-6838	5903	28127	ELECTRON TUBE		EA 1
3	23	PAOZZ	5960-00-132-2222	TT6-6625-09-3B	98978	SHIELD, ELCTRN TUBE		EA 3
3	24	PAOZZ	5960-00-262-0210	5814A	28127	ELECTRON TUBE		EA 1
3	25	PAOZZ	5960-00-880-0457	60J8	81349	ELECTRON TUBE		EA 1
3	26	PAOZZ	5960-00-868-4365	150-15-20-138	71785	SHIELD, ELCTRN TUBE		EA 1
3	27	PAOZZ	5960-00-681-9802	GAU6WB	28127	ELECTRON TUBE		EA 1
3	28	XDNZZ		C10752	96238	COVER, PANEL		EA 1
3	29	PANZZ	5960-00-296-0512	5ADPT	28127	ELECTRON TUBE		EA 1
3	30	PANZZ	5935-00-257-7822	8657	71785	CONNECTOR, PLUG, ELEC		EA 1
3	31	XDNZZ		86507	96238	TRANSFORMER, PR, ISLN		EA 1
3	32	XDNZZ		A7800	96238	POST, TERMINAL BOARD		EA 4
3	33	PANHH	6625-00-887-4764	PG681-2	96238	OSCILLOSCOPE SBASSY		EA 1

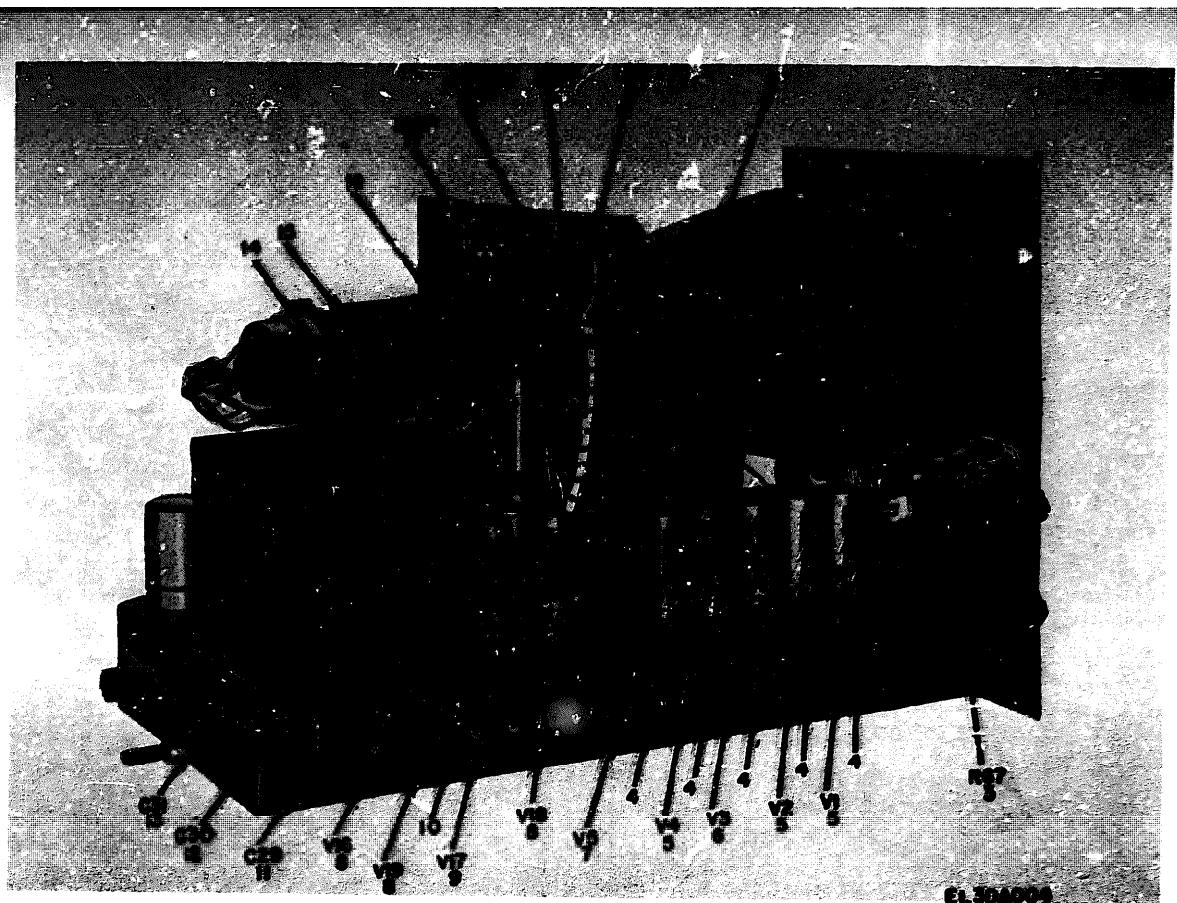


Figure 4. Oscilloscope OS-119/GGM, Rear Left Oblique View.

SECTION II

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(1) ILLUSTRATION (a) FIG. NO.	(2) ITEM NO.	(3) NATIONAL STOCK NUMBER SMR CODE	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT USABLE ON CODE
4	1	PAMZZ	5905-00-061-0024	F220	44655 RESISTOR, FIXED, MW	EA	1
4	2	XDHZZ		S-5002-42	99813 SHIELD, ELCTR N TUBE	EA	1
4	3	PAMZZ	5905-00-060-7435	HY27953	81265 RESISTOR, VARIABLE	EA	1
4	4	PAOZZ	5960-00-132-2222	TTG-6625-09-3B	98978 SHIELD, ELCTR N TUBE	EA	5
4	5	PAOZZ	5960-00-669-6838	50	28127 ELECTRON TUBE	EA	3
4	6	PAOZZ	5960-00-880-0457	6	81349 ELECTRON TUBE	EA	1
4	7	PAOZZ	5960-00-262-0210	56	28127 ELECTRON TUBE	EA	1
4	8	PAOZZ	5960-00-166-7648	382	28127 ELECTRON TUBE	EA	3
4	9	PAOZZ	5960-00-503-4880	0A2W	28127 ELECTRON TUBE	EA	1
4	10	XDCZ		120V	91662 SHIELD, ELCTR N TUBE	EA	1
4	11	PAOZZ	5910-00-865-3000	4FM3-29-95	00656 CAPACITOR, ELCTLT	EA	1
4	12	XDOZZ		EYT1220	82376 CAPACITOR, ELCTLT	EA	1
4	13	PAOZZ	5910-00-889-4363	EYT12251	82376 CAPACITOR, ELCTLT	EA	1
4	14	PAMZZ	5935-00-237-6444	9453-14	71785 SOCKET, ELCTR N TUBE	EA	1
4	15	PAMZZ	5340-00-007-6040	NP5N	09922 CLAMP, LOOP	EA	1
4	16	XDHZZ		89986-2	96238 SUPPORT TUBE RH	EA	1
4	17	PAMZZ	5905-00-061-0021	F228	44655 RESISTOR, FIXED, MW	EA	1
4	18	PAMZZ	5905-00-061-0022	F125	44655 RESISTOR, FIXED, MW	EA	1
4	19	PAMZZ	5905-00-835-2156	F111	44655 RESISTOR, FIXED, MW	EA	1

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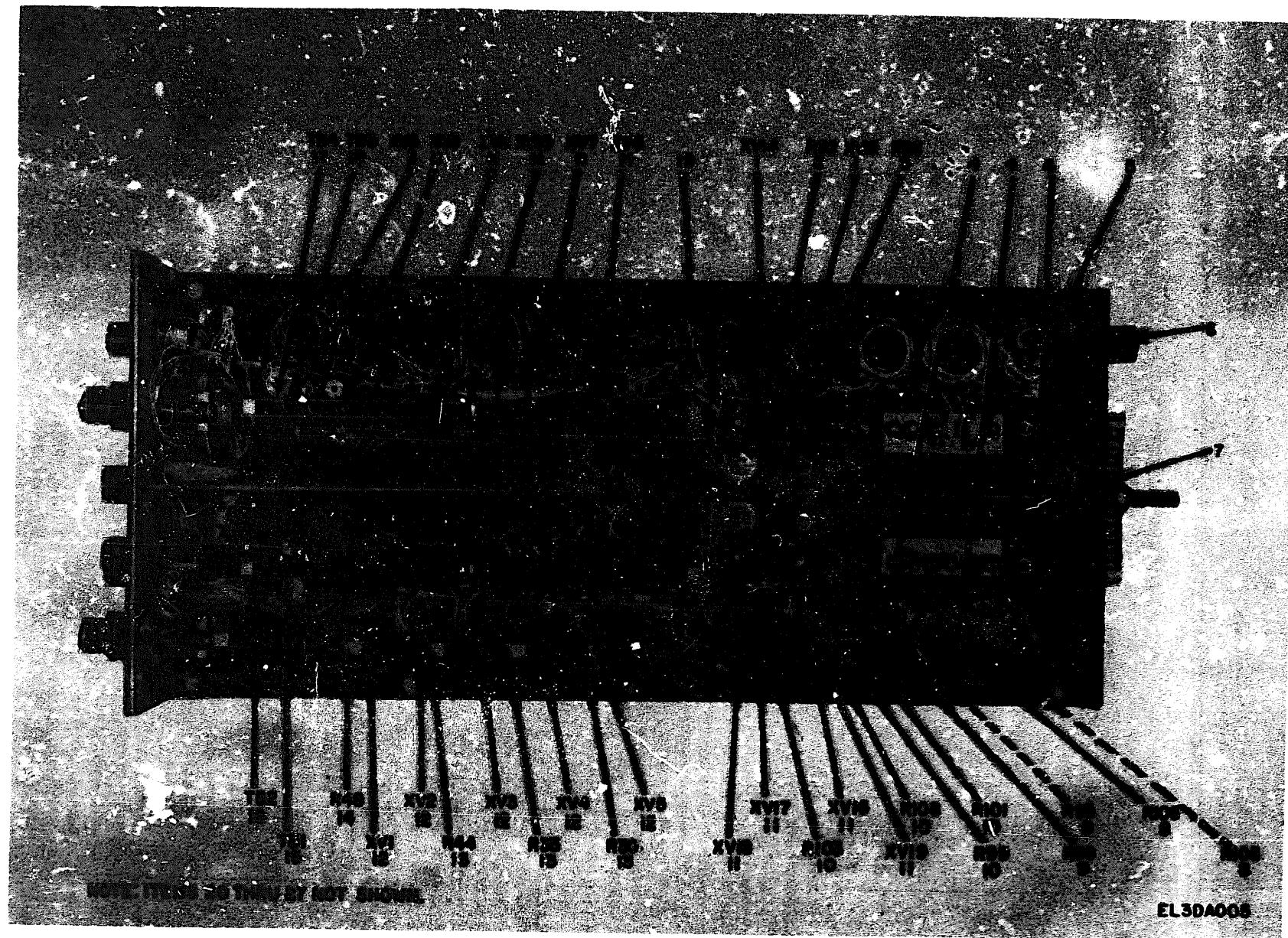
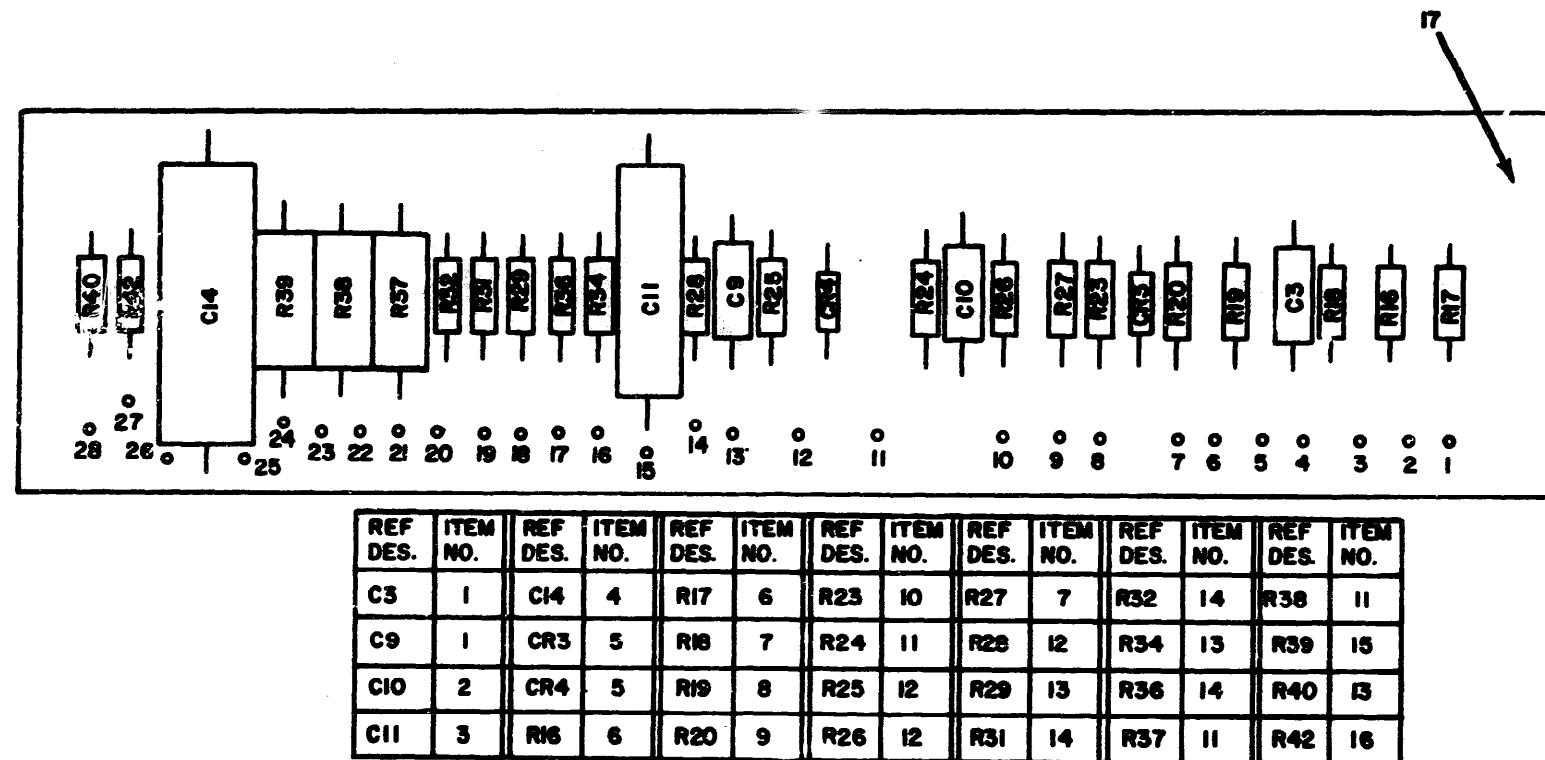


Figure 5. Oscilloscope OS-119/GGM, Bottom View.

(1) ILLUSTRATION (a) FIG NO	(2) ITEM NO. SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(8) USABLE ON CODE	(7)	(8) QTY INC IN UNIT
							U/M	
5	1	XDHZZ	198	91662	SOCKET,ELCTR N TUBE		EA	2
5	2	PAMZZ	5905-00-299-2003	RC32GF104J	81349	RESISTOR,FIXED,CCMP	EA	1
5	3	PANZZ	5905-00-896-9250	BBN6.8M-PM2	77764	RESISTOR,FIXED,WW	EA	1
5	4	PANZZ	5935-00-569-9946	11897	07233	SOCKET,CAPACITOR	EA	3
5	5	XDHZZ	207-120241-05-01 01		02768	BUTTON,PLUG	EA	10
5	6	PADZZ	5999-00-283-7178	342003SA-2	75915	CAP,ELECTRICAL	EA	1
5	7	XDHZZ		87717	96238	ROD,THREADED END	EA	1
5	8	PAMZZ	5905-00-060-9395	F120	44655	RESISTOR,FIXED,WW	EA	2
5	9	PANZZ	5905-00-061-0026	F116	44655	RESISTOR,FIXED,WW	EA	2
5	10	PAMZZ	5905-00-106-1247	RCR32G221JS	81349	RESISTOR,FIXED,COMP	EA	4
5	11	PAMZZ	5935-00-222-9828	174PH	91662	SOCKET,ELCTR N TUBE	EA	10
5	12	PAWZZ	5935-00-222-9850	236	91662	SOCKET,ELCTR N TUBE	EA	5
5	13	PAMZZ	5905-00-060-7433	RQL11-114A	10582	RESISTOR,VARIABLE	EA	3
5	14	PAMZZ	5905-00-060-7434	RQL11L20A	10582	RESISTOR,VARIABLE	EA	1
5	15	PAHHH	6625-00-887-4759	PC676-2	96238	OSCILLOSCOPE SBASSY	EA	1
5	16	PAHHH	6625-00-887-4760	PC677-2	96238	OSCILLOSCOPE SBASSY	EA	1
5	17	PAHHH	6625-00-887-4762	PC679-2	96238	OSCILLOSCOPE SBASSY	EA	1
5	18	PAHHH	6625-00-887-4761	PC678-2	96238	OSCILLOSCOPE SBASSY	EA	1
5	19	XDHZZ		010248	96238	CHASSIS+ELEC EQPT	EA	1
5	20	PAMZZ	3010-00-294-9798	39001	76487	COUPLING,FLEX SHAFT	EA	4
5	21	XDHZZ		8100689	99813	GROMMET,RUBBER	EA	1
5	22	PAMZZ	5325-00-286-6043	MS35489-1	96906	GROMMET,RUBBER	EA	1
5	23	PAMZZ	5325-00-263-6632	MS35489-6	96106	GROMMET,RUBBER	EA	1
5	24	PANZZ	5940-00-847-3138	2104-04-00	78189	TERMINAL,LUG	EA	6
5	25	PANZZ	5940-00-583-7741	2104-10-00	78189	TERMINAL,LUG	EA	5
5	26	PAMZZ	5940-00-279-5350	1417	08145	TERMINAL,LUG	EA	4
5	27	XDHZZ		174	79963	TERMINAL,LUG	EA	4

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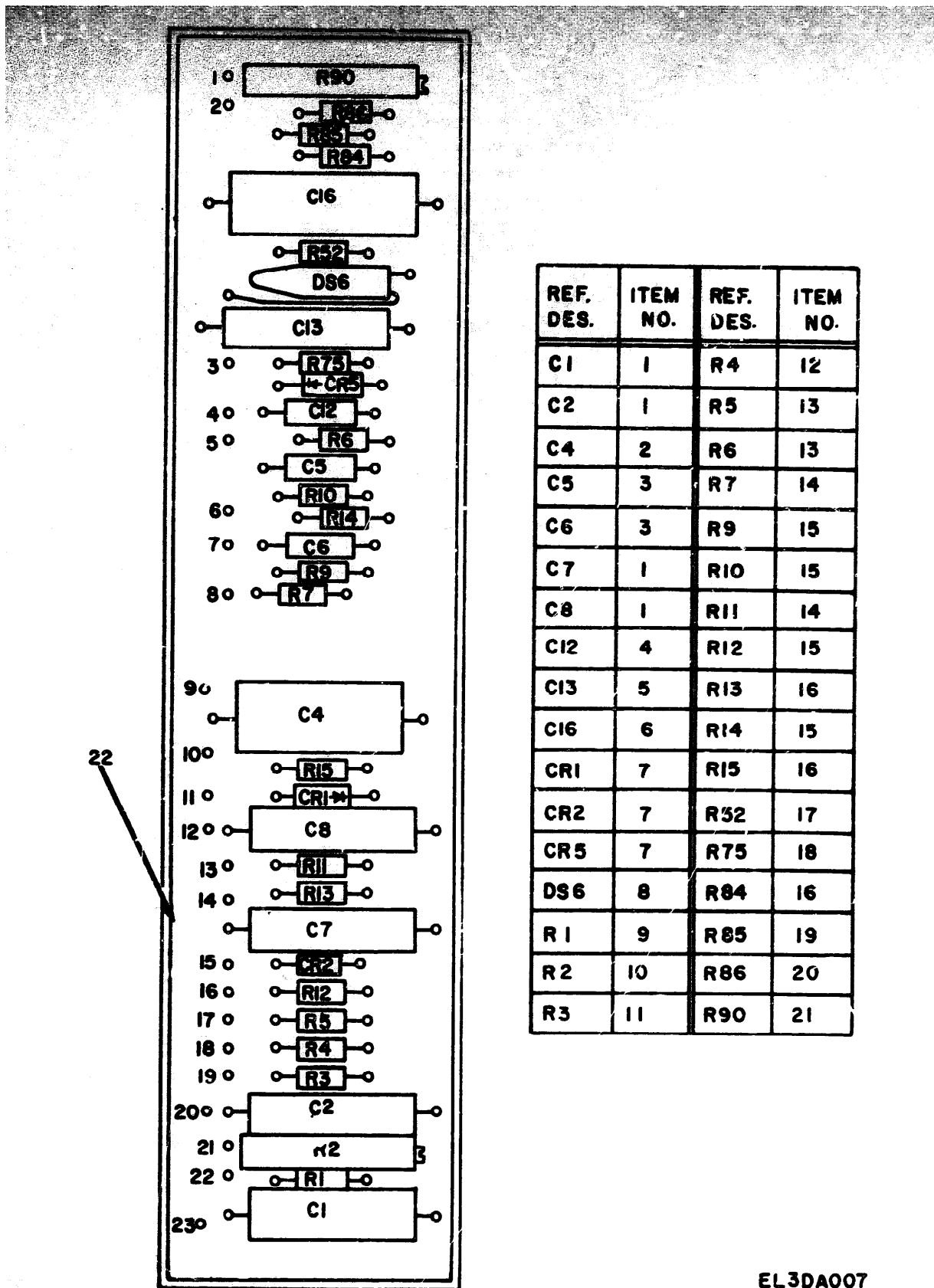
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Figure 6. Oscilloscope OS-119/GGM, Subassembly TB1.

SECTION II

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REF. ITEM NO.	SAIR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	(6) DESCRIPTION	(7) OTY INC IN U/M	(8) OTY INC IN UNIT
6	1	PAHZZ	5910-00-762-2945	MILC5-3	81349 CAPACITOR,FIXD,MICA	EA	2
6	2	PAHZZ	5910-00-984-8373	CM15FD101GP3	81349 CAPACITOR,FIXD,MICA	EA	1
6	3	PANZZ	5910-00-021-4702	CP09A1KE103K3	81349 CAPACITOR,FIXD,PAPER	EA	1
6	4	XDHZZ		RLA2-1N	82376 CAPACITOR,FIXD,PLAST	EA	1
6	5	PANZZ	5961-00-840-5466	JAKW495B	81349 DIODE	EA	2
6	6	PAHZZ	5905-00-279-3500	RC206F183J	81349 RESISTOR,FIXED,COMP	EA	2
6	7	PAHZZ	5905-00-190-8865	RC206F274J	81349 RESISTOR,FIXED,COMP	EA	2
6	8	PAHZZ	5905-00-279-2518	RC206F434J	81349 RESISTOR,FIXED,COMP	EA	1
6	9	PAHZZ	5905-00-190-8887	RC206F202J	81349 RESISTOR,FIXED,COMP	EA	1
6	10	PAHZZ	5905-00-299-2015	RC32GF393J	81349 RESISTOR,FIXED,COMP	EA	1
6	11	PAHZZ	5905-00-254-1777	RC42GF273J	81349 RESISTOR,FIXED,COMP	EA	3
6	12	PAHZZ	5905-00-192-0667	RC206F224J	81349 RESISTOR,FIXED,COMP	EA	3
6	13	PAHZZ	5905-00-195-6761	RC206F104J	81349 RESISTOR,FIXED,COMP	EA	3
6	14	PAHZZ	5905-00-185-8510	RC206F103J	81349 RESISTOR,FIXED,COMP	EA	3
6	15	PAHZZ	5905-00-185-8516	RC42GF103J	81349 RESISTOR,FIXED,COMP	EA	1
6	16	PAHZZ	5905-00-254-7100	RC206F913J	81349 RESISTOR,FIXED,COMP	EA	1
6	17	XDHZZ		PC676-1	96238 PRINTED CKT BOARD	EA	1



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Figure 7. Oscilloscope OS-119/GGM, Subassembly TB2.

SECTION II

(1) ILLUSTRATION FIG. NO.	(2) ITEM NO.	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
7	1	PANZZ	5910-00-839-5734	CPO5A1KRF102K	81349 CAPACITOR, FWD, PAPER	EA	4
7	2	PANZZ	5910-00-895-3797	PC292ZN13	80696 CAPACITOR, FWD, MET-P	EA	1
7	3	PANZZ	5910-00-762-2945	NELC5-1	81349 CAPACITOR, FWD, MICA	EA	2
7	4	PANZZ	5910-00-984-8373	CP115FD101GP3	81349 CAPACITOR, FWD, MICA	EA	1
7	5	PANZZ	5910-00-577-7936	CPO5A1EE333M	81349 CAPACITOR, FWD, PAPER	EA	1
7	6	PANZZ	5910-00-825-1637	CP05A1KC104K3	81349 CAPACITOR, FWD, PAPER	EA	1
7	7	PANZZ	5963-00-840-5466	JANW485B	81349 DIODE	EA	3
7	8	PANZZ	6240-00-539-8959	ME76	80806 LAMP, GLOW	EA	1
7	9	PANZZ	5905-00-279-2515	RC20GF474J	81349 RESISTOR, FIXED, COMP	EA	1
7	10	PANZZ		276-1-504	80294 RESISTOR, VARIABLE	EA	1
7	11	PANZZ	5905-00-279-2519	RC20GF334J	81349 RESISTOR, FIXED, COMP	EA	1
7	12	PANZZ	5905-00-279-1875	RC20GF205J	81349 RESISTOR, FIXED, CCAP	EA	1
7	13	PANZZ	5905-00-279-3499	RC20GF273J	81349 RESISTOR, FIXED, COMP	EA	2
7	14	PANZZ	5905-00-192-8390	RC20GF105J	81349 RESISTOR, FIXED, CCAP	EA	2
7	15	PANZZ	5905-00-192-6667	RC20GF224J	81349 RESISTOR, FIXED, CCAP	EA	4
7	16	PANZZ	5905-00-195-6761	RC20GF104J	81349 RESISTOR, FIXED, COMP	EA	3
7	17	PANZZ	5905-00-195-6453	RC20GF362J	81349 RESISTOR, FIXED, CCAP	EA	1
7	18	PANZZ	5905-00-111-4740	RCR20G185JS	81349 RESISTOR, FIXED, COMP	EA	1
7	19	PANZZ	5905-00-171-2003	RC20GF204J	81349 RESISTOR, FIXED, COMP	EA	1
7	20	PANZZ	5905-00-279-2616	RC20GF153J	81349 RESISTOR, FIXED, CCAP	EA	1
7	21	DANZZ	5965-00-192-6430	Z76-1-503	80294 RESISTOR, VARIABLE	EA	1
7	22	ZOKZZ		PC677-1	96236 PRINTED CKT BOARD	EA	1

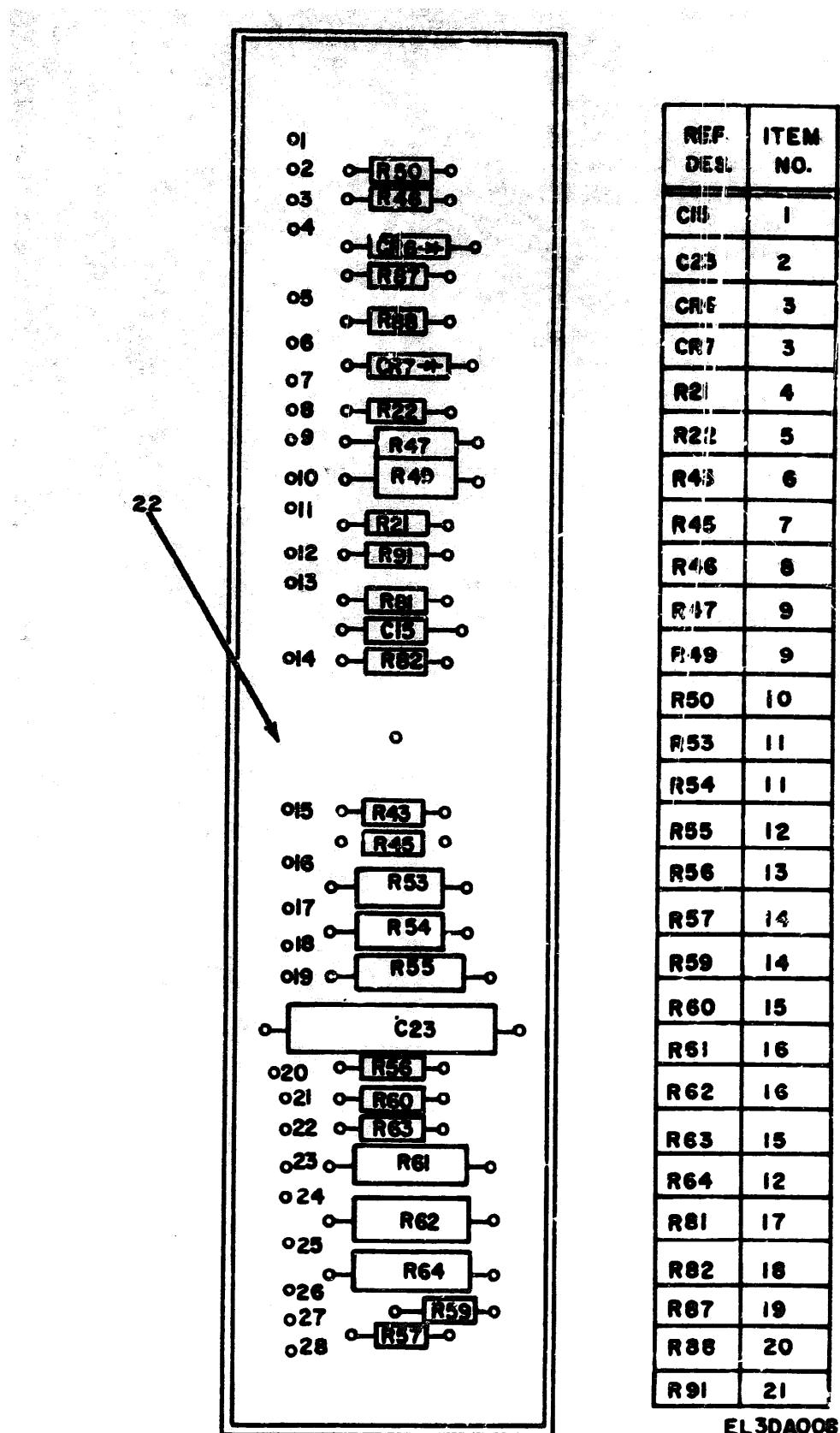


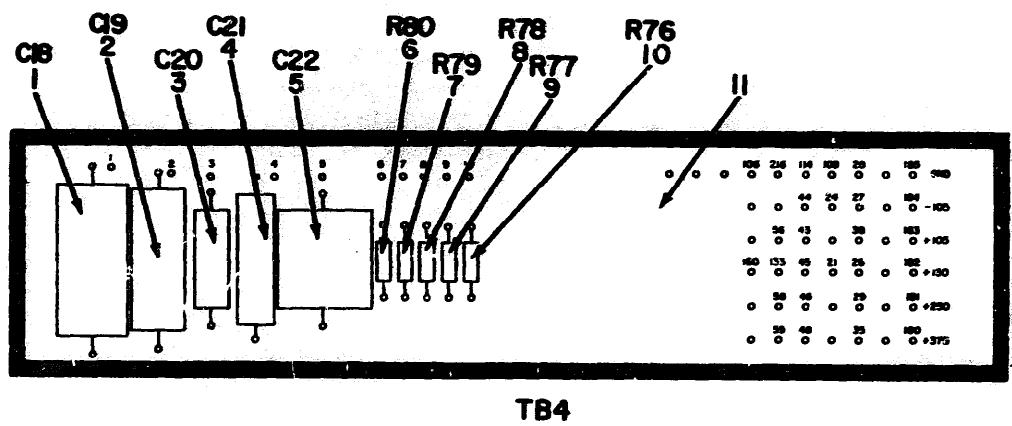
Figure 8. Oscilloscope OS-119/GGM, Subassembly TB3.

SECTION II

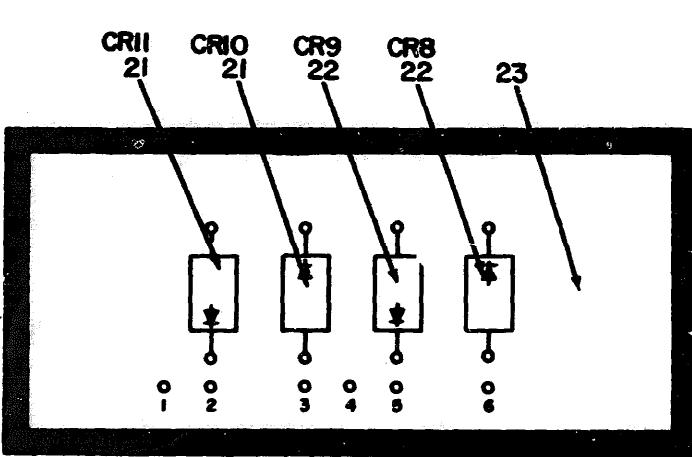
TM11-6625-422-24P-3

(1) ITEM NO.	(2) ITEM NO.	(3) SMA. CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FOCM	(7) DESCRIPTION	(8) USABLE ON CODE		(9) QTY INC IN UNIT	(10) U/M
1	1	PAN2Z	5910-00-067-8681	CM150331J	01349	CAPACITOR,FXD,PAPER			EA	1
2	2	PAN2Z	5910-00-818-9758	CPO5A10224K3	01349	CAPACITOR,FXD,PAPER			EA	1
3	3	PAN2Z	5961-00-840-5466	JAN3W482B	01349	DIODE			EA	2
4	4	PAN2Z	5905-00-171-2808	RC206F064J	01349	RESISTOR,FIXED,COMP			EA	1
5	5	PAN2Z	5905-00-279-2514	RC206F964J	01349	RESISTOR,FIXED,COMP			EA	1
6	6	PAN2Z	5905-00-128-0147	RC206F919J	01349	RESISTOR,FIXED,COMP			EA	1
7	7	PAN2Z	5905-00-279-1754	RC206F195J	01349	RESISTOR,FIXED,COMP			EA	1
8	8	PAN2Z	5905-00-192-0447	RC206F224J	01349	RESISTOR,FIXED,COMP			EA	1
9	9	PAN2Z	5905-00-299-2668	RC206F253J	01349	RESISTOR,FIXED,COMP			EA	2
10	10	PAN2Z	5905-00-279-3499	RC206F273J	01349	RESISTOR,FIXED,COMP			EA	1
11	11	PAN2Z	5905-00-279-1718	RC206F622J	01349	RESISTOR,FIXED,COMP			EA	2
12	12	PAN2Z	5905-00-249-4210	RC426F12J4	01349	RESISTOR,FIXED,COMP			EA	2
13	13	PAN2Z	5905-00-279-3504	RC206F472J	01349	RESISTOR,FIXED,COMP			EA	1
14	14	PAN2Z	5905-00-171-1598	RC206F333J	01349	RESISTOR,FIXED,COMP			EA	2
15	15	PAN2Z	5905-00-106-9344	RCR206101JS	01349	RESISTOR,FIXED,COMP			EA	2
16	16	PAN2Z	5905-00-254-1777	RC426F273J	01349	RESISTOR,FIXED,COMP			EA	2
17	17	PAN2Z	5905-00-196-8845	RC206F274J	01349	RESISTOR,FIXED,COMP			EA	1
18	18	PAN2Z	5905-00-279-2519	RC206F334J	01349	RESISTOR,FIXED,COMP			EA	1
19	19	PAN2Z	5905-00-279-3498	RC206F433J	01349	RESISTOR,FIXED,COMP			EA	1
20	20	PAN2Z	5905-00-195-6761	RC206F104J	01349	RESISTOR,FIXED,COMP			EA	1
21	21	PAN2Z	5905-00-279-3495	RC206F753J	01349	RESISTOR,FIXED,COMP			EA	1
22	22	XOM2Z		PC678-1	96298	PRINTED Ckt BOARD			EA	1

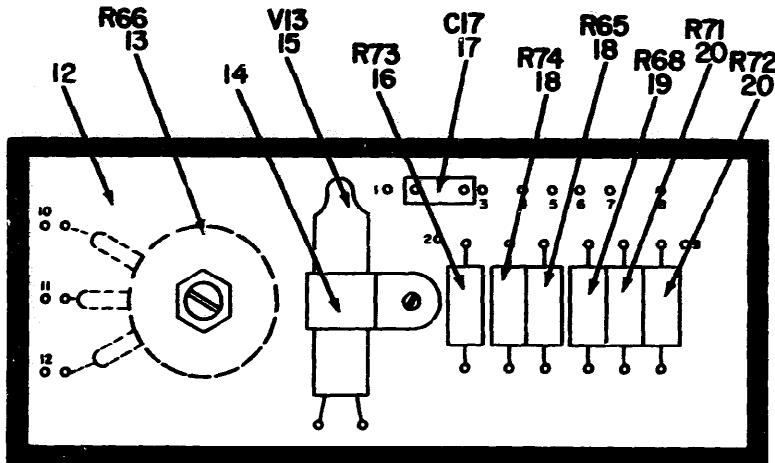
TM 11-6625-422-24P-3



TB4



TB6



TB5

EL3DA009

2 0

Figure 9. Oscilloscope OS-119/GGM, Subassemblies.

SECTION II

(1) ITEM NO.	(2) SNR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FCM	(6) DESCRIPTION	(7) QTY ON CARD	(8) QTY IN UNIT
9 1	PAMZZ	5910-00-621-9191	CP05A1KC334K	81349	CAPACITOR, FDX, PAPER	EA	1
9 2	PAMZZ	5910-00-825-1637	CP05A1KC104J3	81349	CAPACITOR, FDX, PAPER	EA	1
9 3	XDMZZ		XMF27169-5	72982	CAPACITOR, FDX, PAPER	EA	1
9 4	PAMZZ	5910-00-621-4702	CP05A1KE103K3	81349	CAPACITOR, FDX, PAPER	EA	1
9 5	XDMZZ		CM35D362J	81349	CAPACITOR, FDX, MICA	EA	1
9 6	PAMZZ	5905-00-279-3590	RC20GF183J	81349	RESISTOR, FIXED, COMP	EA	1
9 7	PAMZZ	5905-00-279-3496	RC20GF913J	81349	RESISTOR, FIXED, COMP	EA	1
9 8	PAMZZ	5905-00-279-2519	RC20GF334J	81349	RESISTOR, FIXED, COMP	EA	1
9 9	PAMZZ	5905-00-171-2000	RC20GF606J	81349	RESISTOR, FIXED, COMP	EA	1
9 10	PAMZZ	5905-00-279-1754	RC20GF159J	81349	RESISTOR, FIXED, COMP	EA	1
9 11	XDMZZ		PC679-1	96238	PRINTED CKT BOARD	EA	1
9 12	XDMZZ		PC680-1	96238	PRINTED CKT BOARD	EA	1
9 13	PAMZZ	5905-00-324-6368	CLU104I	44655	RESISTOR, VARIABLE	EA	1
9 14	PAMZZ	5340-00-975-1440	HP6H	09922	CLAMP, LOOP	EA	1
9 15	PAMZZ	5960-00-855-2875	A6473	96238	ELECTRON TUBE, MATCH HATCHED WITH V14	EA	1
9 16	PAMZZ	5905-00-279-2537	RC32GF106J	81349	RESISTOR, FIXED, COMP	EA	1
9 17	PAMZZ	5910-00-805-5170	HD3-670	72982	CAPACITOR, FDX, CER	EA	1
9 18	PAMZZ	5905-00-299-1993	RC32GF674J	81349	RESISTOR, FIXED, COMP	EA	2
9 19	PAMZZ	5905-00-299-1992	RC32GF683J	81349	RESISTOR, FIXED, COMP	EA	1
9 20	PAMZZ	5905-00-279-1697	RC32GF125J	81349	RESISTOR, FIXED, COMP	EA	2
9 21	PAMZZ	5961-00-723-3602	JAN1N3194D	80131	DIODE	EA	2
9 22	XDMZZ		IN3195	80131	DIODE	EA	2
9 23	XDMZZ		PC681-1	96238	PRINTED CKT BOARD	EA	1

SECTION IV

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

TM11-6625-422-24P-3

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5340-00-007-6040	4	15	5905-00-279-2518	6	1
5930-00-019-5310	2	8	5905-00-279-2519	7	1
5930-00-019-5311	2	5	5905-00-279-2519	8	1
5930-00-019-5312	2	4	5905-00-279-2519	9	1
5355-00-060-5683	1	2	5905-00-279-2537	9	1
5355-00-060-5685	1	6	5905-00-279-2616	7	2
5905-00-060-7080	2	2	5905-00-279-3495	8	2
5905-00-060-7431	3	19	5905-00-279-3496	9	1
5905-00-060-7432	2	3	5905-00-279-3498	8	1
5905-00-060-7433	5	13	5905-00-279-3499	7	1
5905-00-060-7434	5	14	5905-00-279-3499	8	1
5905-00-060-7435	4	3	5905-00-279-3500	6	1
5905-00-060-7436	2	11	5905-00-279-3500	9	1
5905-00-060-9395	5	5	5905-00-279-3504	8	1
5905-00-061-0021	4	17	5940-00-279-5350	5	2
5905-00-061-0022	4	18	5999-00-283-7178	5	1
5905-00-061-0024	4	1	5325-00-286-6047	5	2
5905-00-061-0025	3	4	3010-00-294-9798	5	2
5905-00-061-0026	5	9	5960-00-296-0512	3	2
6250-00-061-7294	2	5	5905-00-299-1992	9	1
6250-00-061-8117	2	1	5905-00-299-1993	9	1
5355-00-062-2947	1	4	5905-00-299-2003	5	1
5935-00-105-8508	3	10	5905-00-299-2008	8	1
5905-00-120-0167	8	6	5905-00-299-2015	6	1
5960-00-166-7648	4	3	5905-00-324-6368	9	1
5905-00-171-1998	8	14	6670-00-456-5865	1	1
5905-00-171-2000	8	4	5960-00-503-4880	4	1
5905-00-171-2000	9	9	6240-00-539-8959	7	1
5905-00-171-2003	7	19	5920-00-556-0144	3	1
5905-00-185-8810	6	14	5335-00-556-0151	1	1
5905-00-185-8816	6	15	5935-00-569-9946	5	1
5910-00-187-6646	3	17	5940-00-583-7741	5	2
5905-00-190-8865	6	7	5960-00-669-6838	3	2
5905-00-190-8865	8	17	5960-00-669-6838	4	1
5905-00-190-8887	6	9	5960-00-669-8921	3	2
5905-00-192-0390	7	14	5960-00-681-9802	3	2
5905-00-192-0667	6	12	6240-00-683-0560	1	1
5905-00-192-0667	7	15	5905-00-751-1659	3	1
5905-00-192-0667	8	8	5905-00-818-0076	3	1
5905-00-195-6761	6	13	5905-00-835-2156	4	1
5905-00-195-6761	7	16	5940-00-847-3138	5	2
5905-00-195-6761	8	20	5960-00-855-2875	3	1
5935-00-222-9850	5	12	5960-00-855-2875	9	1
5910-00-246-8546	3	15	5920-00-855-4260	3	1
5905-00-249-4210	8	12	5910-00-865-3009	4	1
5905-00-254-1777	6	11	5950-00-865-3457	3	1
5905-00-254-1777	8	16	5910-00-865-5170	9	1
5905-00-254-7100	6	16	6625-00-887-4759	5	1
5960-00-262-0210	3	24	6625-00-887-4760	5	1
5960-00-262-0210	4	7	6625-00-887-4761	5	1
5325-00-263-6632	5	23	6625-00-887-4762	5	1
5930-00-266-0995	2	9	6625-00-887-4763	3	2
5960-00-272-8553	3	16	6625-00-887-4764	3	2
5905-00-279-1697	9	20	5910-00-889-4363	4	1
5905-00-279-1718	8	11	6210-00-892-5737	1	1
5905-00-279-1754	8	7	5905-00-892-6430	7	1
5905-00-279-1754	9	10	5930-00-892-9019	2	1
5905-00-279-1875	7	12	5905-00-896-9250	5	1
5905-00-279-2514	8	5	5910-00-899-3797	7	2
5905-00-279-2515	7	9	5340-00-975-1440	9	1

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
A FH 3 - 2 - 95	00656	4	11	B11163	96238	2	4
A10033-1	96238	1	2	B11617	96238	3	6
A10033-2	96238	1	4	B6507	96238	3	31
A10226	96238	2	2	B7717	96238	5	7
A11236	96238	1	6	B9966-1	96238	3	4
A3-41/E4-111	81640	2	7	B9986-2	96238	4	16
A3-42/E4-111	81640	2	10	CE41C500M	28127	3	13
A6473	96238	3	18	CE41C800P	82376	3	14
A6473	96238	9	15	CLU1041	44655	9	13
A7800	96238	3	32				
A8888	96238	3	9	CM15D331J	81349	8	11
BBH6-8M-PM2	77764	5	3				
B100689	99813	5	21				
B11160	96238	2	5	CM35D362J	81349	6	2
B11161	96238	2	8				

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
PO5A1KC8224K3	81349	8	2	RC20GF474J	81349	7	9
PO5A1KC104K3	81349	7	6	RC20GF513J	81349	9	7
PO5A1KC104K3	81349	9	2	RC20GF562J	81349	7	17
PO5A1KC334K	81349	9	1	RC20GF564J	81349	8	5
PO5A1KE103K3	81349	6	3	RC20GF684J	81349	8	4
PO5A1KE103K3	81349	9	4	RC20GF753J	81349	9	9
PO5A1KF102K	81349	7	1	RC20GF913J	81349	6	16
100E3	81640	2	9	RC32GF104J	81349	5	2
10752	96238	3	28	RC32GF106J	81349	9	16
10981	96238	3	8	RC32GF125J	81349	9	20
110248	96238	5	19				
1111220	82376	4	12	RC32GF393J	81349	6	10
11112251	82376	4	13	RC32GF474J	81349	9	18
10202R000	81349	3	12	RC32GF513J	81349	6	6
111	44655	4	19	RC32GF684J	81349	9	19
1113	44655	3	2	RC32GF753J	81349	8	9
1116	44655	5	9	RC32GF822J	81349	8	11
1120	44655	5	8	RC42GF103J	81349	6	14
1123	44655	3	3	RC42GF103J	81349	6	15
1125	44655	4	18	RC42GF123J	81349	8	12
1129	44655	3	1	RC42GF273J	81349	6	11
1120	44655	4	1	RC42GF273J	81349	8	16
1128	44655	4	17	RDL-B-7	07137	2	6
103-470	72982	9	17	RDL-7	07137	1	1
102N	09922	3	7	RRLZ-1M	82376	6	4
103N	09922	4	15	RQL11-114A	10582	5	13
106N	09922	9	14	RQL1120A	10582	5	14
1120950	71450	2	3	S-5002-42	99813	4	2
1120953	81265	4	3	TJM30001	82039	3	15
1120954	71450	3	19	TJM300025	82039	3	17
1121032	10582	2	11	XHF27165-5	72928	9	3
RS35489-1	96906	5	22	OA2WA	28127	4	9
RS35489-6	96906	5	23	O82	28127	4	8
RS91528-102B	28127	1	5				
AE76	08806	7	8	1N3195	80131	9	22
PC676-1	96238	6	17				
PC676-2	96238	5	15				
PC677-1	96238	7	22				
PC677-2	96238	5	16	1X2B	28127	3	16
PC678-1	96238	8	22	100231	99813	1	9
PC678-2	96238	5	18	100232	99813	2	1
PC679-1	96238	9	11	100235	99813	1	1
PC679-2	96238	5	17	100246	99813	1	8
PC680-1	96238	9	12	11897	07233	5	4
PC680-2	96238	3	5	128M7A	28127	3	20
PC681-1	96238	9	23	120V	91662	4	10
PC681-2	96238	3	33	1417	08145	5	26
PC292ZN13	00656	7	2				
RC20GF103J	81349	6	14	174	79963	5	27
RC20GF104J	81349	6	13	174PH	91662	5	11
RC20GF104J	81349	7	16				
RC20GF104J	81349	8	20				
RC20GF105J	81349	7	14				
RC20GF153J	81349	7	20	198	91662	5	1
RC20GF155J	81349	8	7	207-120241-05-0101	02768	5	5
RC20GF155J	81349	9	10	2104-04-00	78169	5	24
RC20GF183J	81349	6	6	2104-10-00	78169	5	25
RC20GF183J	81349	9	6	236	91662	5	12
				26-159-32	02660	3	10
RC20GF202J	81349	6	9	276-1-503	80294	7	21
RC20GF204J	81349	7	19	276-1-504	80294	7	10
RC20GF205J	81349	7	12	342003	75915	3	11
RC20GF224J	81349	6	12	342003SA-2	75915	5	6
RC20GF224J	81349	7	15	345	08806	1	3
RC20GF224J	81349	8	8	39001	76487	5	20
RC20GF273J	81349	7	13	5ADP7	28127	3	29
RC20GF273J	81349	8	10	5814A	28127	3	24
RC20GF274J	81349	6	7	5814A	28127	4	7
RC20GF274J	81349	8	17	5963	28127	3	22
RC20GF333J	81349	8	14	5963	28127	4	5
RC20GF334J	81349	7	11	6AU6WB	28127	3	27
RC20GF334J	81349	8	16	6DJ8	81349	3	25
RC20GF334J	81349	9	8	6DJ8	81349	4	6
RC20GF433J	81349	8	19	8657	71785	3	30
RC20GF434J	81349	6	8	9453-14	71785	4	14
RC20GF472J	81349	8	13				

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.	STOCK NUMBER	FIG. NO.	ITEM NO.
5905-00-106-1247	5	10	5910-00-825-1637	9	2
5905-00-106-9344	8	15	5960-00-856-8336	3	21
5905-00-111-4740	7	18	5960-00-868-4365	3	26
5905-00-195-6453	7	17	5960-00-880-0457	3	25
5935-00-222-9828	5	11	5960-00-880-0457	4	6
5935-00-237-6444	4	14	5930-00-892-9020	2	10
5935-00-257-7822	3	30	5910-00-984-8373	6	2
5910-00-818-9758	8	2	5910-00-984-8373	7	4
5910-00-825-1637	7	6			

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CM15FD101GP3	81349	6	2	RCR32G221JS	81349	5	10
CM15FD101GP3	81349	7	4	150-15-20-138	71785	3	26
RCR20G101JS	81349	8	15	151-11-33-013	71785	3	21
RCR20G185JS	81349	7	18				

ADDITIONAL LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.	STOCK NUMBER	FIG. NO.	ITEM NO.
5910-00-067-8681	8	1	5910-00-762-2945	7	3
5960-00-132-2222	3	23	5910-00-821-4702	6	3
5960-00-132-2222	4	4	5910-00-821-4702	9	4
5910-00-577-7936	7	5	5910-00-839-5734	7	1
5910-00-621-9191	9	1	5961-00-840-5466	6	5
5961-00-723-3602	9	21	5961-00-840-5466	7	7
5910-00-762-2945	6	1	5961-00-840-5466	8	3

ADDITIONAL LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CP05A1EE33M	81349	7	5	MILC5-1	81349	6	1
JAN1N485B	81349	6	5	MILC5-1	81349	7	3
JAN1N485B	81349	7	7	TT6-6625-09-3B	98978	3	23
JAN1N485B	81349	8	3	TT6-6625-09-3B	98978	4	4
JAN1N3194D	80131	9	21				

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS

SOMETHING WRONG WITH THIS MANUAL?

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Commander
Stateside Army Depot
ATTN: AMSTA-US
Stateside, N.J. 07703

DATE 10 July 1975

PUBLICATION NUMBER

DATE

TITLE

TM 11-5840-340-12

23 Jan 74

Radar Set AN/PS-76

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AND WHAT SHOULD BE DONE ABOUT IT:

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 20 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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SSG I. M. DeSpiritof 999-1776

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HISA 1686-75

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Active Army:

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- COE (1)
- TSG (1)
- USAARENBD (1)
- DARCOM (1)
- TRADOC (2)
- OS Maj Cmd (4)
- TECOM (2)
- USACC (4)
- MDW (1)
- Armies (2)
- Corps (2)
- HISA (Ft Monmouth) (33)
- USACC-CONUS (5)
- USACC-PAC (5)
- Svc Colleges (1)
- USASIGS (5)
- USAADS (2)
- USAFFAS (2)
- USAARMS (2)
- USAIS (2)
- USAES (2)
- USAICS (3)
- MAAG (1)

- USARMIS (1)
- USAERDAA (1)
- USAERDAW (1)
- USACC-SO (5)
- USACC-EUR (5)
- Instis (2) except
 - Ft Gordon (10)
 - Ft Huachuca (10)
 - Ft Carson (5)
 - Ft Richardson (ECOM Ofc) (2)
 - LBAD (14)
 - SAAD (30)
 - TOAD (14)
 - SHAD (3)
 - Ft Gillem (10)
 - Sig FLDMS (1)
- Units org under fol TOE:
 - (1 copy each unit)
 - 11-97
 - 11-98
 - 11-117
 - 11-500 (AA-AC)
 - 29-134

NG: None

USAR: None

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

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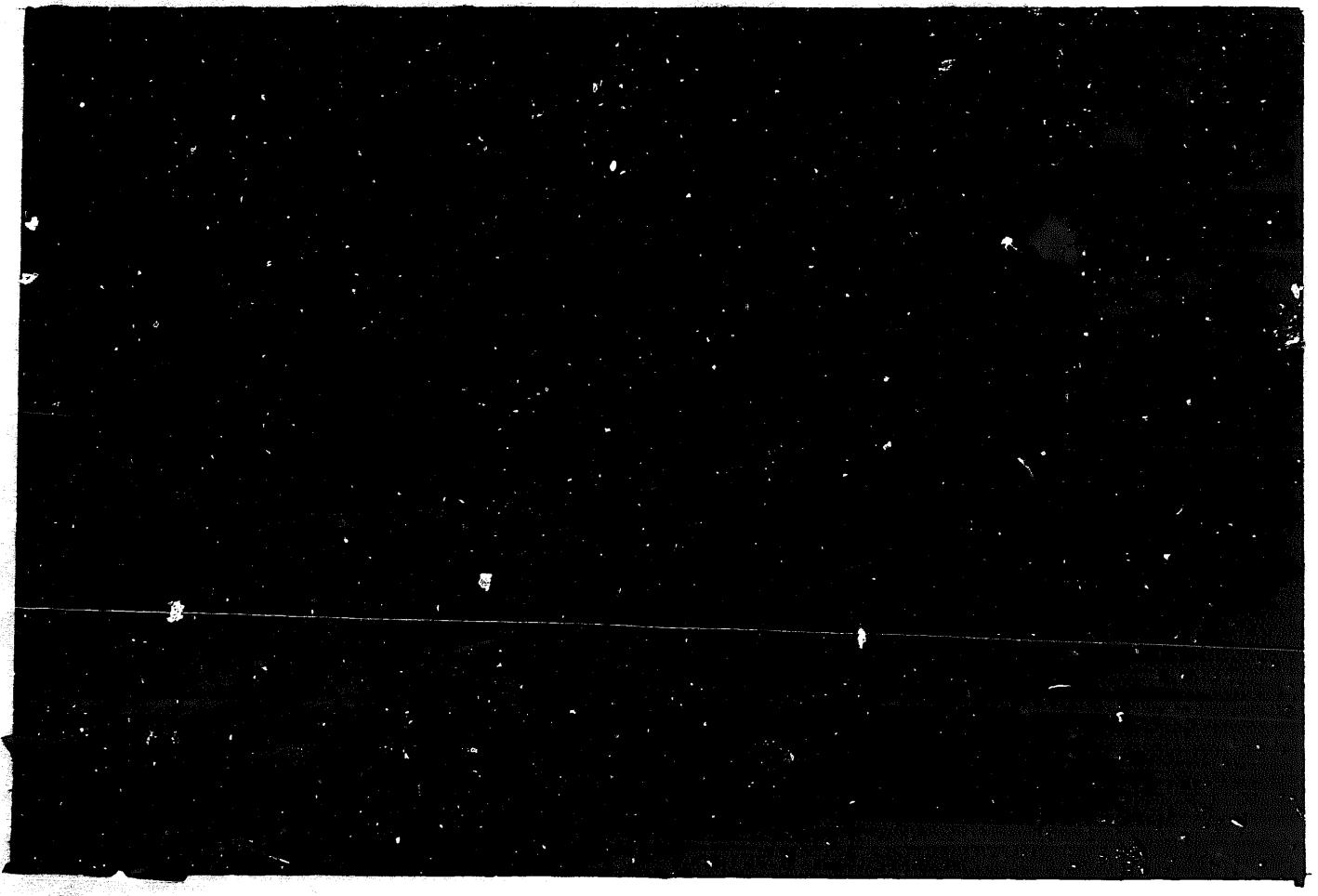
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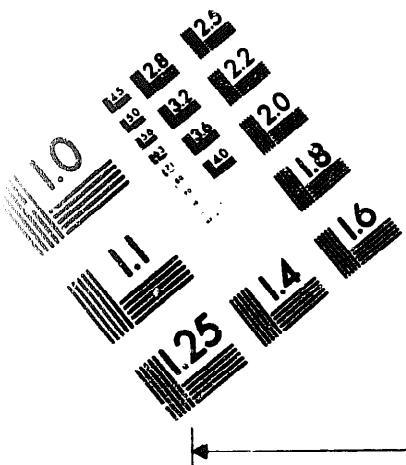
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1.5 mm ($e = 1.09$ mm)

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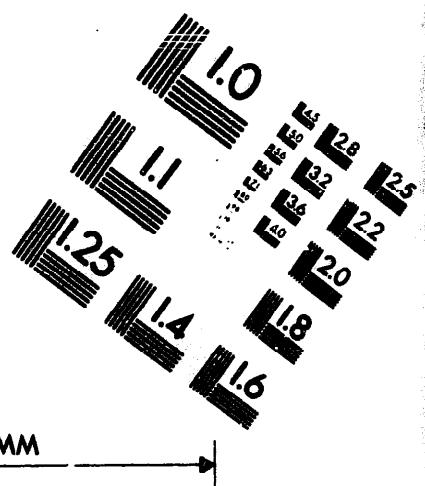
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2.5 mm ($e = 1.77$ mm)

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abcdefghijklmnopqrstuvwxyz%#½¼¾→x&@*

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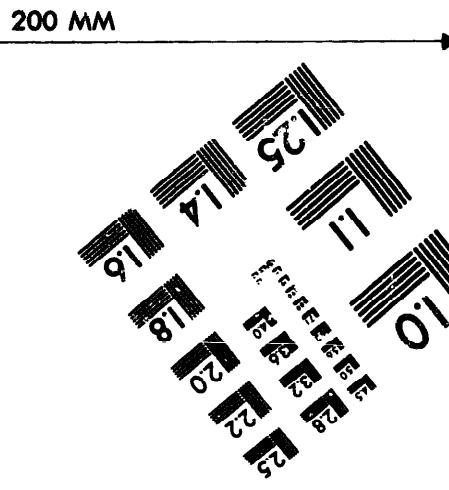
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