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NAVY
AIR FORCE

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T.O. 33A1-8-902-1-1

TECHNICAL MANUAL

**OPERATOR'S, ORGANIZATIONAL,
DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENACE MANUAL
FOR**

**GENERATOR, TEST PATTERN
SG-1 223/T
(NSN 6625-01-127-6846)**

DEPARTMENTS OF THE ARMY, NAVY, AND AIR FORCE

10 JANUARY 1983

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OPERATOR'S, ORGANIZATIONAL,
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MAINTENANCE MANUAL

FOR

GENERATOR, TEST PATTERN

SG-1223/T

(NSN 6625-01-127-6846)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help 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, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications - Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703.

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, T.O. 00-5-1. Forward direct to prime ALC/MST. For Navy, mail comments to the Commander, Naval Electronics Systems Command, ATTN: ELEX 8122, Washington, DC 20360.

In either case, a reply will be furnished direct to you.

This manual is an authentication of the manufacturer's commercial literature which, through usage, has been found to cover the data required to operate and maintain this equipment. Since the manual was not prepared in accordance with military specifications and AR 310-3, the format has not been structured to consider levels of maintenance.

TABLE OF CONTENTS

			Paragraph	Page
CHAPTER	1.	INTRODUCTION		
Section	I.	General	1-1	1-1
Section	II.	Description and data	1-7	1-4
CHAPTER	2.	SERVICE UPON RECEIPT AND INSTALLATION		
Section	I.	Service upon receipt of material	2-1	2-1
Section	II.	Installation	2-3	2-2
CHAPTER	3.	OPERATING INSTRUCTIONS		
Section	I.	Controls and indicators	3-1	3-1
Section	II.	Operating procedure	3-3	3-1
CHAPTER	4.	FUNCTIONING OF EQUIPMENT		
Section	I.	Overall functional description	4-1	4-1
Section	II.	Detailed circuit description	4-4	4-8
CHAPTER	5.	ORGANIZATION MAINTENANCE INSTRUCTIONS		
CHAPTER	6.	GENERAL SUPPORT MAINTENANCE INSTRUCTIONS		
Section	I.	General	6-1	6-1
Section	II.	Tools and equipment	6-3	6-1
Section	III.	Troubleshooting	6-5	6-1
Section	IV.	Repair	6-7	6-2
Section	V.	Performance verification and adjustments	6-33	6-21
Section	VI.	Wiring lists	6-41	6-63
APPENDIX	A	REFERENCES	A-1	
APPENDIX	B	MAINTENANCE ALLOCATION CHART	B-1	
APPENDIX	C	COMPONENTS OF END ITEM AND BASIC ISSUE ITEMS LIST	C-1	
APPENDIX	D	ADDITIONAL AUTHORIZATION LIST	D-1	
APPENDIX	E	EXPENDABLE SUPPLIES AND MATERIALS LIST	E-1	
		SUBJECT INDEX	Index-1	

LIST OF ILLUSTRATIONS

Figure No.	Title	Page
1-1	Generator, Test Pattern SG-1223/T	1-2
2-1	Typical Test Setup	2-3
2-2	Test Pattern Generator Rear Panel	2-4
3-1	Test Pattern Generator Controls and Indicators	3-2
4-1	Typical Synchronizing Generator Output Waveforms	4-2
4-2	Typical Video Waveforms	4-3
4-3	Detail of 2:1 Interlace	4-5
4-4	Detail of Vertical Sync Interval	4-6
6-1	Front Panel, Rear View	6-8
6-2	Rear Panel Parts Location	6-12
6-3	Power Regulator Circuit Card Adjustment	6-22
6-4	Drive/Blanking Circuit Card Adjustments	6-23
6-5	Sync Circuit Card Adjustments	6-26
6-6	Pulse Output Circuit Card Adjustment	6-27
6-7	Oscilloscope Display of the WINDOW, H STRIPE or V STRIPE Signal Waveform, White Polarity	6-31
6-8	Video Circuit Card Adjustments	6-33
6-9	Gray Scale Control Circuit Card Adjustments	6-35
6-10	Oscilloscope Display of the FLAT FIELD Signal Waveform	6-36
6-11	Oscilloscope Display of the V BAR Signal Waveform, White Polarity	6-38
6-12	V BAR Circuit Card Adjustment	6-40
6-13	Oscilloscope Display of the Typical V BAR Signal Waveform at Horizontal Rate, Black Polarity	6-41

LIST OF ILLUSTRATIONS - Continued

Figure No.	Title	Page
6-14	Oscilloscope Display of the H BAR Signal Waveform at Vertical Rate, White Polarity	6-42
6-15	Oscilloscope Display of the Typical H BAR Signal Waveform at Vertical Rate, Black Polarity	6-43
6-16	Oscilloscope Display of the BAR Signal Waveform Vertical Rate, White Polarity	6-44
6-17	Oscilloscope Display of the DOT Signal Waveform Vertical Rate, White Polarity	6-46
6-18	H WINDOW Circuit Card Adjustments	6-48
6-19	Oscilloscope Display of the WINDOW Signal Waveform, Black Polarity	6-49
6-20	V WINDOW Circuit Card Adjustments	6-51
6-21	Oscilloscope Display of the GRAY SCALE Signal Waveform	6-54
6-22	Gray Scale Circuit Card Adjustments	6-55
6-23	Oscilloscope Display of a Typical RESOLUTION Multiburst Signal Waveform	6-58
6-24	Multiburst Circuit Card Adjustments	6-59
6-25	Oscilloscope Display of a Typical RESOLUTION Signal in CONTINUOUS or BURST Mode	6-61
6-26	Resolution Circuit Card Adjustments	6-62
Figure FO-1	Standard Color Coding Chart	
Figure FO-2	Test Pattern Generator, Functional Block Diagram	
Figure FO-3	Drive/Blanking Schematic Diagram	
Figure FO-4	Sync Schematic Diagram	
Figure FO-5	Sync Count Schematic Diagram	

LIST OF ILLUSTRATIONS - Continued

	Title	Page
Figure No		
Figure FO-6	Pulse Output Schematic Diagram	
Figure FO-7	Pulse Input Schematic Diagram	
Figure FO-8	Video Schematic Diagram	
Figure FO-9	Polarity Schematic Diagram	
Figure FO-10	Gray Scale Control Schematic Diagram	
Figure FO-11	Gray Scale Schematic Diagram	
Figure FO-12	H Bar Schematic Diagram	
Figure FO-13	V Bar Schematic Diagram	
Figure FO-14	Resolution Schematic Diagram	
Figure FO-15	Multiburst Schematic Diagram	
Figure FO-16	Multiburst Clock Schematic Diagram	
Figure FO-17	H Window Schematic Diagram	
Figure FO-18	V Window Schematic Diagram	
Figure FO-19	Power Regulator/Filter Assembly Schematic Diagram	
Figure FO-20	Test Pattern Generator Assembly	
Figure FO-21	Circuit Card and Control Location	
Figure FO-22	Heat Sink Filter Assembly	
Figure FO-23	Front Panel Wiring Diagram	

LIST OF TABLES

Table No.	Title	Page
3-1	Test Pattern Generator Controls and Indicators	3-3
6-1	Troubleshooting	6-3
6-2	Circuit Card Identifier/Function Cross Reference	6-6
6-3	Sync Generator Characteristics - 2:1 Interlace	6-24
6-4	Resolution Timing	6-57
6-5	V Bar Wiring Interconnections	6-64
6-6	H Bar Wiring Interconnections	6-65
6-7	H Window Wiring Interconnections	6-66
6-8	V Window Wiring Interconnections	6-68
6-9	Gray Scale Control Wiring Interconnections	6-69
6-10	Gray Scale Wiring Interconnections	6-71
6-11	Pulse Output Wiring Interconnections	6-72
6-12	Sync Wiring Interconnections	6-73
6-13	Drive/Blanking Wiring Interconnections	6-74
6-14	Sync Count Wiring Interconnections	6-75
6-15	Power Regulator Wiring Interconnections	6-76
6-16	Pulse Input Wiring Interconnections	6-78
6-17	Polarity Wiring Interconnections	6-80
6-18	Video Wiring Interconnections	6-81
6-19	Resolution Wiring Interconnections	6-83
6-20	Multiburst Clock Wiring Interconnections	6-85
6-21	Multiburst Wiring Interconnections	6-86

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope. This manual describes the Generator, Test Pattern SG-1223/T (figure 1-1), hereafter referred to as the test pattern generator. The manual contains information on the functioning of equipment, installation, and operation. The manual also provides organizational and general support maintenance instructions, including troubleshooting, repair and adjustments. A complete listing of reference publications is provided in Appendix A. The Maintenance Allocation Chart is contained in Appendix B. The Repair Parts and Special Tools List (RPSTL) is contained in TM 11-6625-3025-24P.

1-2. Consolidated Index of Army Publications and Blank Forms.

a. Army. Refer to the latest issue of DA Pam 310-1 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

b. Air Force. Use T.O. 0-1-31 Series Numerical Index and Requirements Table (NIRT).

1-3. Maintenance Forms, Records and Reports.

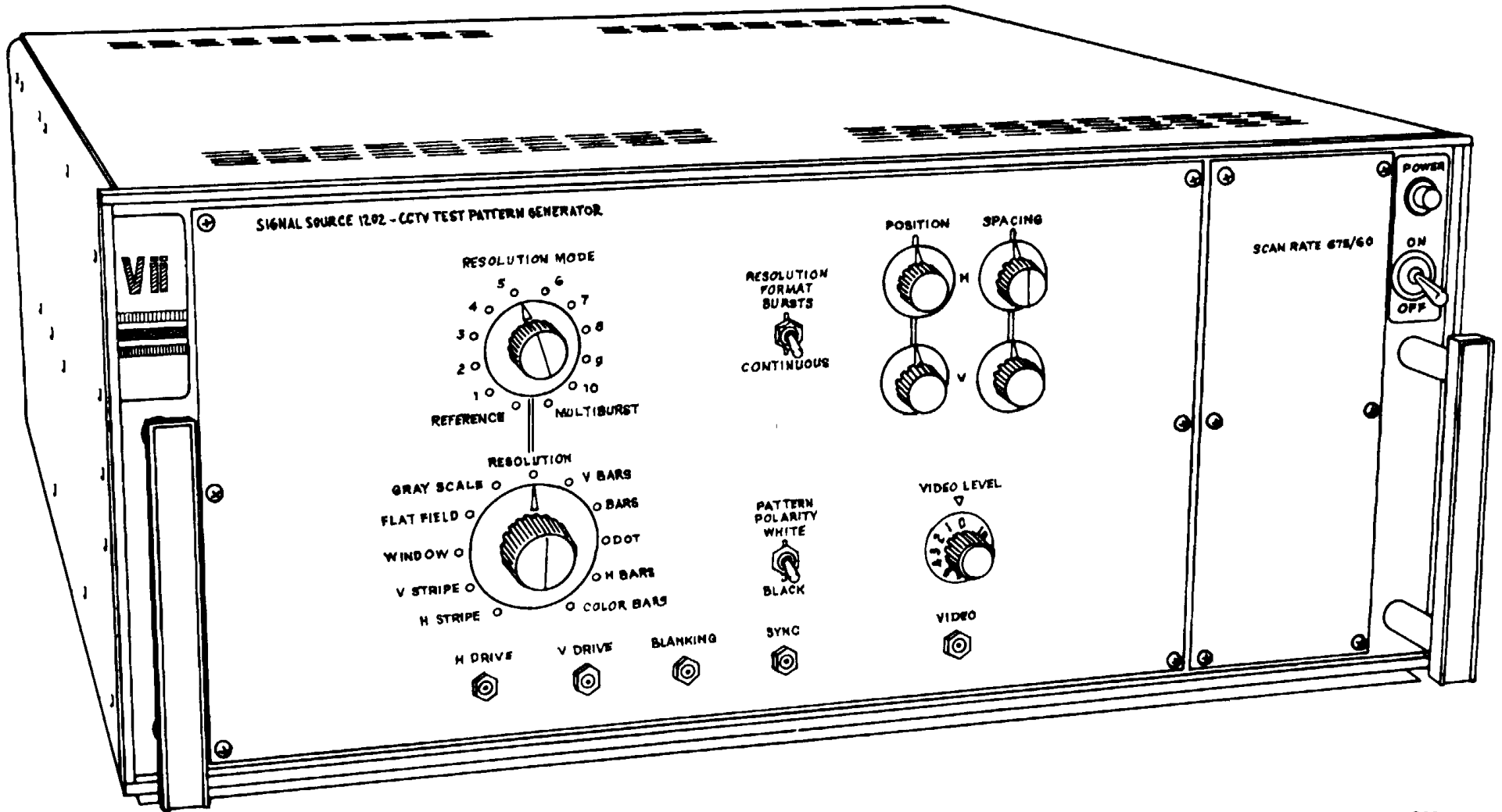
a. Reports of Maintenance and Unsatisfactory Equipment. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System (Army). Air Force personnel will use AFR 66-1 for maintenance reporting and TO-00-35D54 for unsatisfactory equipment reporting. Navy personnel will report maintenance performed utilizing the Maintenance Data Collection Subsystem (MDCS) IAW OPNAVINST 4790.2, Vol 3, and unsatisfactory material/conditions (UR submissions) IAW OPNAVINST 4790.2, Vol 2, chapter 17.

b. Report of Packaging and Handling Deficiencies. Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 4140.55/NAVMATINST 4355.73/AFR 400-54/MCO 4430.3E.

c. Discrepancy in Shipment Report (DISREP) (SF 361). Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38/NAVSUPINST 4610.33B/AFR 75-18/MCO P4610.19C/DLAR 4500.15.

1-4. Reporting Equipment Improvement Recommendations (EIR).

a. Army. If your Test Pattern Generator SG-1223/T needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703. We'll send you a reply.



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Figure 1-1. Generator, Test Pattern SG-1223/T

- b. Air Force. Air Force personnel are encouraged to submit EIR's in accordance with AFM 900-4.
- c. Navy. Navy personnel are encouraged to submit EIR's through their local Beneficial Suggestion Program.

1-5. Administrative Storage. Administrative Storage of equipment issued to and used by Army activities will have maintenance performed in accordance with Chapter 5, before storing. When removing the equipment from administrative storage, routine checks (paragraph 5-3) should be performed to assure operational readiness.

1-6. Destruction of Army Electronics Materiel. Destruction of Army electronics materiel to prevent enemy use shall be in accordance with TM 750-244-2.