

ARMY
NAVY
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TM 11-6625-3023-14
ET904-AA-MMA-010/E154 TS3684
TO 33A1-12-1173-1

TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL,
DIRECT SUPPORT AND GENERAL SUPPORT

MAINTENANCE MANUAL

FOR

TEST SET

ELECTRIC SURGE ARRESTORS

TS-3684/T

DEPARTMENTS OF THE ARMY, NAVY, AND AIR FORCE

31 JANUARY 1983

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TEST SET, ELECTRIC SURGE ARRESTORS
TS-3684/T**

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.

TABLE OF CONTENTS

		Paragraph	Page
CHAPTER	1.	INTRODUCTION	
Section	I.	General	1-1
	II.	Description and Data	1-8
CHAPTER	2.	SERVICE UPON RECEIPT AND INSTALLATION	
Section	I.	Service Upon Receipt of Material	2-1
	II.	Installation Instructions	2-3
CHAPTER	3.	OPERATING INSTRUCTIONS	
Section	I.	Controls and Indicators	3-1
	II.	Operation	3-3
CHAPTER	4.	FUNCTIONAL DESCRIPTION	4-1
CHAPTER	5.	ORGANIZATIONAL MAINTENANCE INSTRUCTIONS	5-1
CHAPTER	6.	GENERAL SUPPORT MAINTENANCE	
Section	I.	General	6-1
	II.	Troubleshooting	6-3
	III.	Repair	6-5
APPENDIX	A.	REFERENCES	A-1
APPENDIX	B.	MAINTENANCE ALLOCATION	
Section	I.	Introduction	B-1
	II.	Maintenance Allocation Chart for Test Set, Electric Surge Arrestors TS-3684(T)	B-3
	III.	Tool and Test Equipment Requirements for Test Set, Electric surge Arrestors TS-3684(T)	B-3
	IV.	Remarks	B-4
APPENDIX	C.	COMPONENTS OF END ITEM LIST	
Section	I.	Introduction	C-1
	II.	Integral Components of End Item	C-3
	III.	Basic Issue Items (Not applicable)	
APPENDIX	D.	ADDITIONAL AUTHORIZATION LIST (Not applicable)	
APPENDIX	E.	EXPENDABLE SUPPLIES AND MATERIALS LIST	
Section	I.	Introduction	E-1
	II.	Expendable Supplies and Materials List	E-2

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope. This manual describes the Test Set, Electric Surge Arrestors TS-3684/T (fig. 1-1), hereafter referred to as the ESA test set. 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 calibration. 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 11-6625-3023-24P.

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. Hand Receipt (-HR) Manuals. This manual has a companion document with a TM number followed by "-HR" (which stands for Hand Receipt). The TM 11-6625-3023-14-HR consists of preprinted hand receipts (DA Form 2062) that list end item related equipment (i.e., COEI, BII, and AAL) you must account for. As an aid to property accountability, additional -HR manuals may be requisitioned from the US Army Adjutant General Publications Center in Baltimore, MD, in accordance with the procedures in Chapter 3, AR 310-2, and DA Pam 310-10-2.

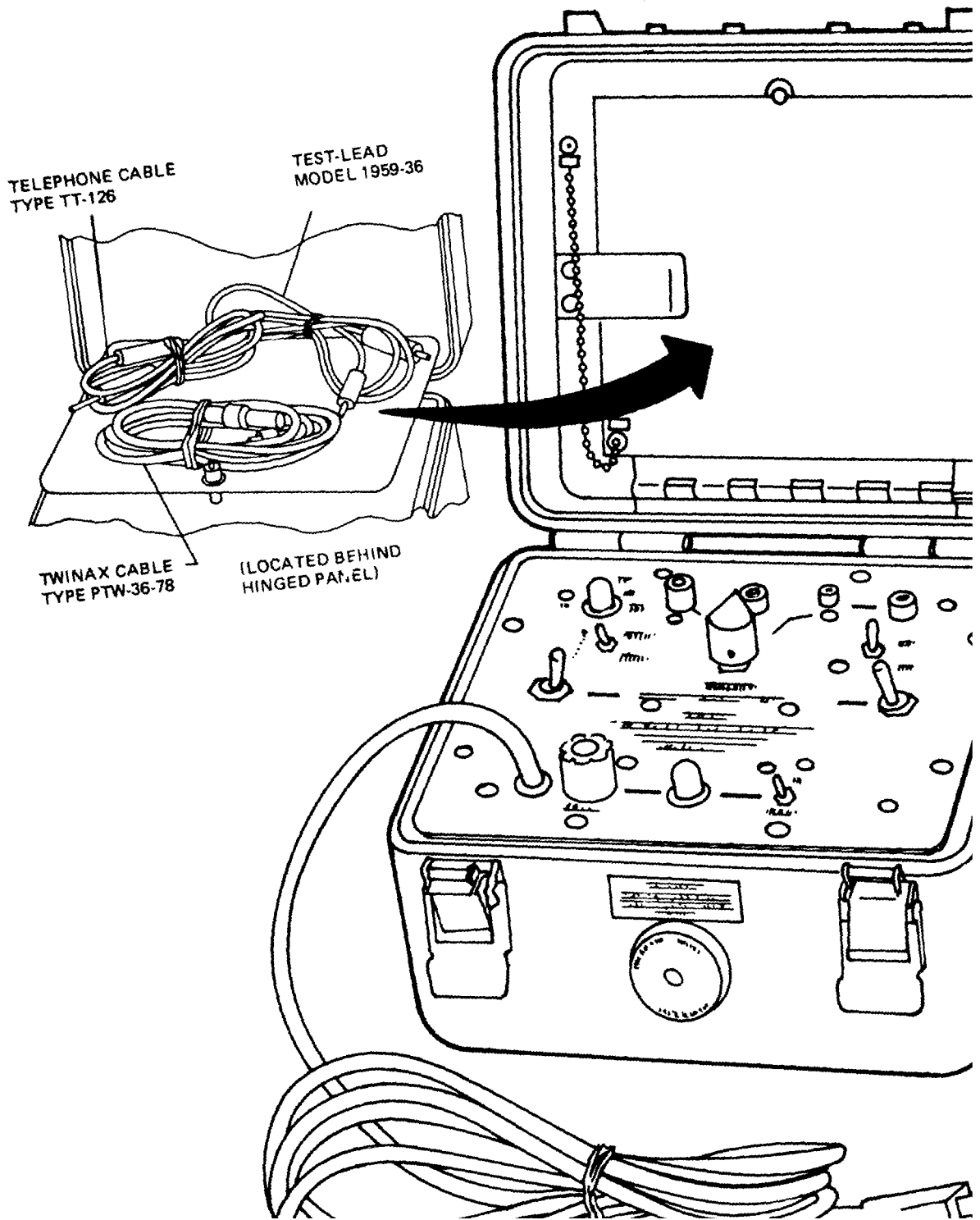


Figure 1-1. Test Set, Electric Surge Arrestors, TS-3684/T