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DEPARTMENT OF THE NAVY
DEPARTMENT OF THE AIR FORCE
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OPERATOR'S ORGANIZATIONAL, DS, GS, AND
DEPOT MAINTENANCE MANUAL INCLUDING
REPAIR PARTS AND SPECIAL TOOL LISTS
TEST SET, TELEPHONE
AN GCM-4

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DEPARTMENTS OF THE ARMY, THE NAVY, AND THE AIR FORCE

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TECHNICAL MANUAL
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WASHINGTON, D.C., 30 July 1970

**Operator's Organizational, DS, GS, and Depot Maintenance Manual
Including Repair Parts and Special Tools Lists
TEST SET, TELEPHONE AN/GCM-4**

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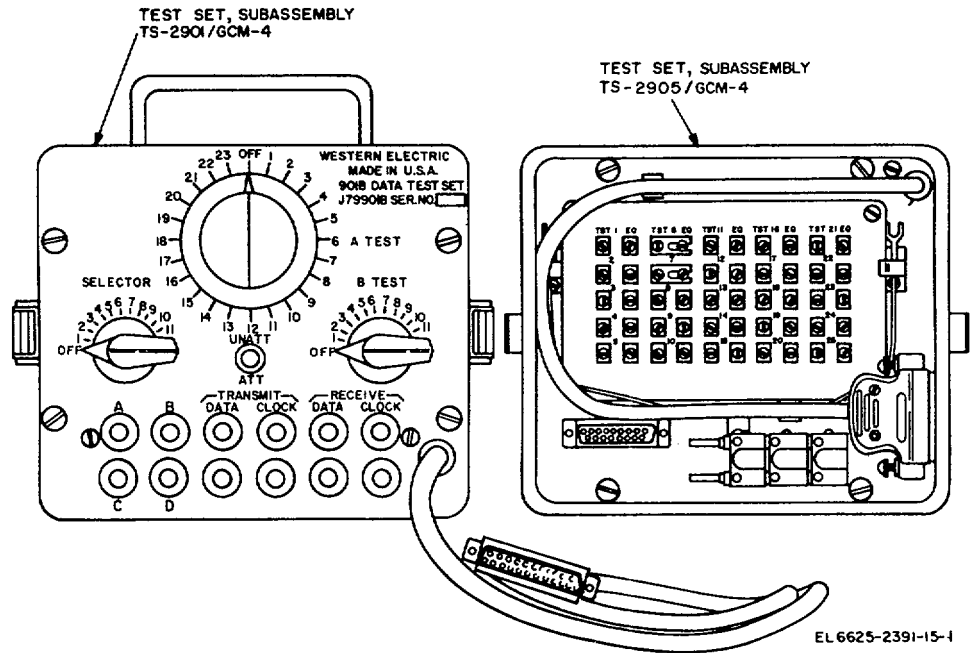


Figure 1-1. Test Set, Telephone AN/GCM-4.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

a. This manual describes Test Set, Telephone AN/GCM-4, referred to in this manual as "test set" (fig. 1-1), and includes instructions for installing, operating, and maintaining the test set.

b. Appendices A, and C are current as of May 1970.

1-2. Indexes of Publications

a. DA Pam 310-4. Refer to the latest issue of DA Pam 310-4 (Army), T.O. 0-1-31 (Air Force), or NAVSUP Pub 2002 (Navy) to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

b. DA Pam 310-7. Refer to DA Pam 310-7 to determine whether there are modification work orders (MWO's) pertaining to the equipment.

1-3. Forms and Records

a. Reports of Maintenance and Unsatisfactory Equipment. Use equipment forms and records in accordance with instructions given in TM 38-750.

b. Report of Packaging and Handling Deficiencies. Fill out and forward DD Form 6 (Report of Packaging and Handling Deficiencies) as prescribed in AR 700-58/NAVSUP PUB 378/AFR 71-4/MCO P4030.29, and DSAR 4145.8.

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 4610.33/AFM 75-18/MCO P4610.19A, and DSAR 4500.15.

1-3.1. Reporting of Errors

The reporting of errors, omissions and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forwarded direct to Commander, US Army Electronics Command, ATTN: AMSEL-MA-C, Fort Monmouth, NJ 07703.

Section II. DESCRIPTION AND DATA

1-4. Purpose and Use

a. The test set is a testing unit used for installation and repair of various telephone modems.

b. The test set is used primarily to determine whether or not a telephone modem is operating properly. The test set can also be used to isolate a trouble condition in a telephone modem. The test set is connected to the interface of a telephone modem. Operation of the test set switches simulates various actions to the telephone modem. Responses of the

telephone modem to the various actions are monitored on terminals of the test set with a volt-ohm-milliammeter or with an installer handset.

1-5. Technical Characteristics

The test set is a device for switching interconnections between particular telephone modem interfaces and standard test equipment and, as such, no technical characteristics are applicable.

1-6. Items Comprising an Operable Equipment

FSN	QTY	Nomenclature, part No., and mfr code	Fig. No.
NOTE			
		The part number is followed by the applicable 5 digit Federal supply code for manufacturers (FSCM) identified in SB 708 42 and used to identify manufacturer, distributor, or Government agency, etc.	
6625-411-4032	1	Test set, Telephone AN/ GCM Which includes:	1-1
5995-	1	Cord Assembly, Electrical : W25ACD1FTS1nNCG: 64959	1-1
5995-	1	Cord Assembly, Electrical: W25ACD3FTCG: 64959	1-1
59	1	Dummy Plug, Telephone: MDPR 200 Ohms: 05276	1-1