

TECHNICAL MANUAL

**OPERATOR, ORGANIZATIONAL, DS, GS
AND DEPOT MAINTENANCE MANUAL**

MAINTENANCE TEST FACILITY

(PHILCO 367-1693)

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*TM 11-6625-1628-15

TECHNICAL MANUAL

HEADQUARTERS

DEPARTMENT OF THE ARMY

NO. 11-6625-1628-15

WASHINGTON, D.C., 30 September 1971

OPERATOR, ORGANIZATIONAL, DS, GS, AND DEPOT MAINTENANCE MANUAL
FOR
PHILCO MAINTENANCE TEST FACILITY

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*This technical manual is an authentication of the manufacturer's commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

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SECTION 1

INTRODUCTION

A.1 SCOPE

a. This manual includes installation and operation instructions and covers operator's, organizational, direct support (DS), general support (GS), and depot **maintenance**. It describes the Maintenance Test Facility (Philco part number 367-1693) and also contains information pertaining to power supplies manufactured by Deltron Incorporated, models 1819, 1820, 2390A, A6-15, A28-.95, A144-.4, and A192-.3. Detailed information pertaining to the internal Test Exciter, Test Receiver and Test Panel Assemblies is also supplied. These assemblies are of new design; no individual manuals have been written for them.

b. There are nine minor variations of the Maintenance Test Facility, designated 367-1693-1 through -9. These test facilities differ in such respects as the intermediate translation frequency, the frequencies of certain noise filters and marker oscillators, and the pre-emphasis and de-emphasis networks. These differences are given in paragraph 1.4 and in paragraph 2.5. The variations in the Maintenance Test Facility permit optimum operation at sites which differ in channel capacity and operating frequency. Procedures for installation, operation, and maintenance are identical for all test facilities.

A.2 INDEX OF PUBLICATIONS

a. DA Pam 310-4. Refer to the latest issue of DA Pam 310-4 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 for modification work orders pertaining to the equipment.

1.1 FORMS AND RECORDS

Reports of Maintenance and Unsatisfactory Equipment. Use equipment forms and records in accordance with instructions 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 (Army), NAVSUP Publication 378 (Navy), AFR 71-4 (Air Force), and MCO P4610-5 (Marine Corps).

c. Discrepancy in Shipment Report (DISREP) (SF361). Fill out and forward Discrepancy in Shipment Report (DISREP) (SF361) as prescribed in AR 55-38 (Army), NAVSUP Pub 459 (Navy), AFM 75-34 (Air Force), and MCO P4610.19 (Marine Corps).