

Operator's, Organizational, and Direct Support

Maintenance Manual

for

Radio Test Set Group OQ-273/ARC-164(V)

(NSN 5821-01-072-8146)

Operator's, Organizational, and Direct Support Maintenance Manual for RADIO TEST SET GROUP OQ-273/ARC-164(V) (NSN 5821-01-072-8146)

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

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

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CHAPTER 1

INTRODUCTION

Section I. GENERAL INFORMATION

1-1. Scope

This manual describes Radio Test Set Group OQ-273/ARC-164(V) (test set group) (fig. 1-1) and covers the installation, organizational, and direct support maintenance of this equipment. It includes instructions for operating the equipment, troubleshooting, and replacement of malfunctioning components. It also lists the tools and test equipment available at the direct support level.

1-2. Indexes 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 to determine whether there are modification work orders (MWO'S) pertaining to the equipment.

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.

b. Report of Packaging and Handling Deficiencies Fill out and forward DD Form 6 (Packaging Improvement Report) as prescribed in AR 700-58/NAVSUPINST4030.29/AFR71-13/MCOP4030.29A, and DLAR 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 4610.33B/AFR 75-18/MCO P4610.19C and DLAR 4500.15.

1-4. Destruction of Army Electronics Materiel

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

1-5. Reporting Equipment Improvement Recommendations (EIR)

If your Radio Test Set Group OQ-273/ARC-164(V) 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. Tell us why a procedure is hard to perform. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, New Jersey 07703. We'll send you a reply.

1-6. Administrative Storage

Before storing the equipment, verify its operational status by performing the Organizational Preventive Maintenance Checks and Services (Chapter 3). If defects are noted in the equipment, make repairs or refer it to higher category maintenance in accordance with the Maintenance Allocation Chart (appendix D).

1-7. Calibration

No calibration of the test set group is required.

1-8. Official Nomenclature Cross-Reference List

The official nomenclature and cross-reference list for the equipment is listed in table 1-1.

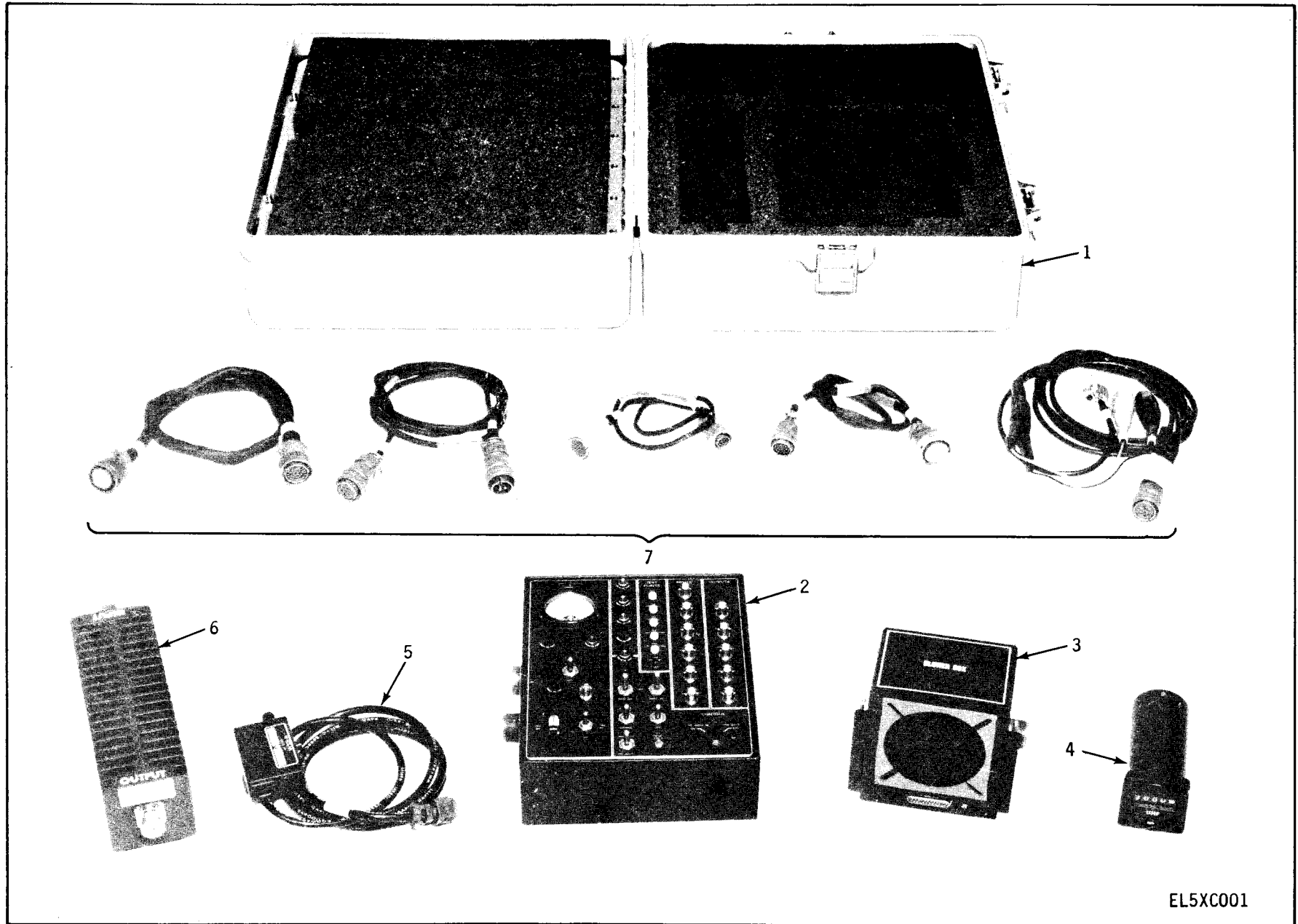


Figure 1-1. Radio Test Set Group OQ-273/ARC-164(V).