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OPERATOR'S, ORGANIZATIONAL, DIRECT
SUPPORT, AND GENERAL SUPPORT
MAINTENANCE MANUAL

SPECTRUM ANALYZERS TS-723A/U,
TS-723B/U, TS-723C/U, AND
TS-723D/U (NSN 6625-00-668-9418)

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**Operator's, Organizational,
 Direct Support, and General
 Support Maintenance Manual**

SPECTRUM ANALYZERS

**TS-723A/U, TS-723B/U, TS-723C/U,
 AND TS-723D/U (NSN 6625-00-668-9418)**

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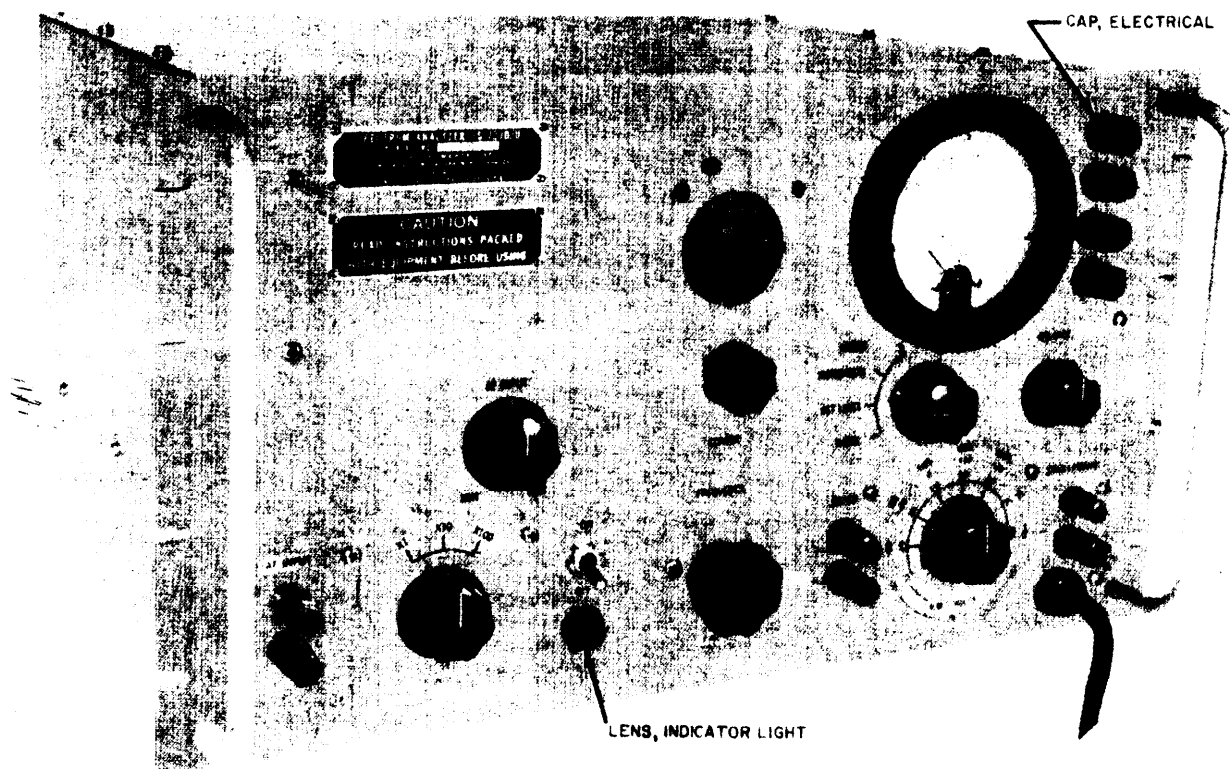
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Figure 1-1. Spectrum Analyzer TS-723D/U.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

a. This manual describes Spectrum Analyzers TS-723A/U, TS-723B/U, TS-723C/U, and TS-723D/U and covers their installation, operation, functioning, and operator, organizational, and general support maintenance. No direct support maintenance is authorized for this equipment. Figure 1-1 shows TS-723D/U; all other models are similar.

b. Official nomenclature utilizing (*) is used to indicate all models of the equipment. Therefore, Spectrum Analyzer TS-723(*)/U will represent Spectrum Analyzer TS-723A/U, TS-723B/U, TS-723C/U, and TS-723D/U, except where model differences dictate.

1-2. Indexes of Publications

a. *DA Pam 110-4*. 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. Forms and Records

a. *Reports of Maintenance and Unsatisfactory Equipment*. Maintenance forms, records, and reports which are to be used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38-750 (Army). Air Force personnel will use AFM 66-1 for maintenance reporting and TO-00-35D54 for unsatisfactory equipment reporting.

b. *Report of Packaging and Handling Deficiencies*. Fill out and forward DD Form 6 (Packaging Improvement Report) as prescribed in AR 700-58/NAVSUPINST 4030.29/AFR 71-13/MCO P4030.29A, 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 55-3/NAVSUPINST 4610.33A/AFR 75-18/MCO

P4610.10B and DSAR 4500.15.

1-4. Destruction of Army Materiel.

Demolition and destruction of electronic equipment will be under the direction of the commander and in accordance with TM 750-244-2.

1-5. Administrative Storage

For procedures, forms, and records, and inspections required during administrative storage of this equipment, refer to TM 740-90-1.

1-6. Reporting of Errors

a. The reporting of errors, omissions, and recommendations for improving this manual by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Form DA Form 2028-2 (Test) located in the back of the manual, and forwarded direct to Commander, US Army Electronics Command, AT TN: DRSEL-MA-Q, Fort Monmouth, NJ 07703. To use the form in the back of the manual, fill it out as shown on the sample figure 1-2, fold it where shown, and drop it in the mail. A reply will be furnished direct to you.

b. For Air Force, use USAFLC Form 252 (Request for TO Revision or Change). Forward direct to prime ALC/MST.

1-6.1 Reporting Equipment Improvement Recommendations (EIR)

a. *Army*. EIR's will be prepared using DA Form 2407, Maintenance Request. Instructions for preparing EIR's are provided in TM 38-750, the Army Maintenance Management System. EIR's should be mailed directly to Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ 07703. A reply will be furnished directly to you.

b. *Air Force*. Air Force personnel are encouraged to submit EIR's in accordance with AFM 900-4.