

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, FIELD AND DEPOT MAINTENANCE MANUAL

TRANSISTOR TEST SET TS-1836/U

**Headquarters, Department of the Army, Washington 25, D.C.
5 February 1963**

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**This copy is a reprint which includes current
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NO. 3 }

HEADQUARTERS
DEPARTMENT OF THE ARMY

Washington, DC, 12 December 1983

OPERATOR, ORGANIZATIONAL, FIELD AND DEPOT MAINTENANCE MANUAL TRANSISTOR TEST SET TS-1836/U (NSN 6625-00-168-0954)

TM 11-6625-539-15, 5 February 1963, is changed as follows:

Cover. The title is superseded as shown above.

Page 2. Delete paragraphs 1.1, 1.2 and 1.3 and substitute:

1.1. Consolidated Index of Army Publications and Blank Forms

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.

1.2. 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 SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 4140.55 /NAVMATINST 4355.73A/AFR 400-54/MCO 4430.3F.

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 P4610.19D/DLAR 4500.15.

1.3. 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 or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703. In either case a reply will be furnished direct to you.

Paragraphs 1.4, 1.5, 1.6 and 1.7 are added after paragraph 1.3.

1.4. Reporting Equipment Improvement Recommendations (EIR)

If your transistor test set 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. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703. We'll send you a reply.

1.5. Administrative Storage

Administrative Storage of equipment issued to and used by Army activities will have preventive maintenance performed in accordance with the PMCS charts before storing. When removing the equipment from administrative storage the PMCS should be performed to assure operational readiness. Disassembly and repacking of equipment for shipment or limited storage are covered in TM 740-90-1.

1.6. Destruction of Army Electronics Materiel

Destruction of Army electronics materiel to prevent enemy use shall be in accordance with TM 750-2442.

1.7. Items Comprising an Operable Transistor Test Set TS-1836/U

The Test Set, Transistor TS-1836/U is illustrated in figure 1-1.

*This change supersedes Cl, 6 Dec 63 and C2, 12 Feb 74.

<i>NSN</i>	<i>QTY</i>	<i>Nomenclature, part No., and mfr. code</i>
6625-00-893-2628		Test Set, Transistor TS-183G/U which includes:

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.

NOTE

Dry batteries shown are used with the equipment but are not considered part of the equipment. They will be preshipped automatically but are to be requisitioned in quantities necessary for the particular organization in accordance with SB 11-6.

6135-00-473-6278	1	Battery Dry: Mercury type (special) SB-12459-2, 11419
6135-00-473-6279	1	Battery Dry: Mercury type (special) SB-12450-2, 11419
5995-00-857-2830	1	Cable Assembly, Special Purpose, Electrical: SP-13741-3-1, 11419
5995-00-857-2831	1	Cable Assembly, Special Purpose, Electrical: SP-13741-3-2, 11419
6625-00-329-2595	1	Data Hook: test tables and transistor test outlines: 950100003, 11419

Page 6. Add paragraphs 4.1 through 4.9 after paragraph 4.

4.1. Scope of Maintenance

The maintenance duties assigned to the operator and organizational repair personnel of the equipment are listed below together with a reference to the paragraphs covering the specific maintenance functions. The tools and test equipment required are listed in appendix B.

- a. Operator/crew preventive maintenance checks and services (para 4.4).
- b. Organizational preventive maintenance checks and services (para 4.5).
- c. Cleaning (para 4.8).
- d. Touchup painting (para 4.9).

4.2. General

NOTE

Refer to TM 750-244-2 for proper procedures for destruction of this equipment to prevent enemy use.

a. Operator/crew preventive maintenance is the systematic care, servicing and inspection of equipment to prevent the occurrence of trouble, to reduce downtime, and to maintain equipment in serviceable condition. To be sure that your transistor test set is always ready for your mission, you must do scheduled preventive maintenance checks and services (PMCS).

(1) BEFORE OPERATION, perform your B PMCS to be sure that your equipment is ready to go.

(2) When an item of equipment is reinstalled

after removal, for any reason, perform the necessary B PMCS to be sure the item meets the readiness reporting criteria.

(3) Use the ITEM NO. column in the PMCS table to get the number to be used in the TM ITEM NO. column on DA Form 2404 (Equipment Inspection and Maintenance Worksheet) when you fill out the form.

b. Organizational preventive maintenance procedures are designed to help maintain equipment in serviceable condition. They include items to be checked and how to check them. These checks and services, described in paragraph 4.5, outline inspections that are to be made at specific monthly (M) intervals.

c. Routine checks like CLEANING, DUSTING, WASHING, CHECKING FOR FRAYED CABLES, STOWING ITEMS NOT IN USE, COVERING UNUSED RECEPTACLES, CHECKING FOR LOOSE NUTS AND BOLTS AND CHECKING FOR COMPLETENESS are not listed as PMCS checks. They are things that you should do any time you see they must be done. If you find a routine check like one of those listed in your PMCS, it is because other operators reported problems with this item.

NOTE

When you are doing any PMCS or routine checks, keep in mind the warnings and cautions.