

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

 PREVENTIVE MAINTENANCE CHECKS AND SERVICES
 TEST SET, ARMATURE TS.965/U

Headquarters, Department of the Army, Washington, D.C.
 17 December 1963

1. Scope. This bulletin covers operator's and organizational preventive maintenance for Test Set, Armature TS-965/U. Throughout this bulletin, Test Set, Armature TS-965/U will be referred to as the armature test set.

2. Index of Publications. 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.

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

b. Report of Damaged or Improper Shipment. Fill out and forward DD Form 6 (Report of Damaged or Improper Shipment) as prescribed in AR 700-58 (Army), NAVSANDA Publication 378 (Navy), and AFR 71-4 (Air Force).

c. Reporting of Equipment Technical Bulletin Improvements. The direct reporting, by the individual user, of errors, omissions, and recommendations for improving this equipment bulletin is authorized and encouraged. DA Form 2028 (Recommended Changes to DA Technical Manual Parts Lists or Supply Manual 7, 8 or 9) will be used for reporting these improvements. DA Form 2028 will be completed in triplicate, using pencil, pen, or typewriter, and forwarded by the individual using the bulletin. The original and one copy will be forwarded direct to: Commanding Officer, U. S. Army Electronics Materiel Support Agency, ATTN: SELMS-MP, Fort Monmouth, N. J. 07703. One information copy will be furnished to the individual's immediate supervisor (officer, noncommissioned officer, supervisor, etc).

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4. Scope of Maintenance. The maintenance duties assigned to the operator and organizational repairman of the armature test set are listed below, together with a reference to the paragraphs covering the specific maintenance functions.

- a.* Daily preventive maintenance checks and services (par. 6).
- b.* Weekly preventive maintenance checks and services (par. 7).
- c.* Quarterly preventive maintenance checks and services (par. 8).
- d.* Cleaning (par. 9).
- e.* Touchup painting (par. 10).

5. Preventive Maintenance. Preventive maintenance is the systematic care, servicing, and inspection of equipment to prevent the occurrence of trouble, to reduce downtime, and to assure that the equipment is serviceable.

a. Systematic Care. The procedures given in paragraphs 6 through 10 cover routine systematic care and cleaning essential to proper upkeep and operation of the equipment.

b. Preventive Maintenance Checks and Services. The preventive maintenance checks and services charts (pars. 6 through 8) outline functions to be performed at specific intervals. These checks and services are to maintain Army electronic equipment in a combat-serviceable condition; that is, in good general (physical) condition and in good operating condition. To assist operators in maintaining combat

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serviceability, the charts indicate what to check, how to check, and the normal conditions; the *References* column lists the manuals that contain detailed repair or replacement procedures. If the defect cannot be remedied by performing the corrective actions listed,

higher echelon maintenance or repair is required. Records and reports of these checks and services must be made in accordance with the requirements set forth in TM 38750.

6. Daily Preventive Maintenance Checks and Services Chart.

Sequence No.	Item	Procedure	References
1	Completeness -----	See that the equipment is complete.	Par. 9.
2	Cleanliness-----	Clean the exterior surfaces-----	
3	Operation -----	Operate the equipment according to the instruction book packed with the equipment. Be alert for any unusual performance or condition.	

7. Weekly Preventive Maintenance Checks and Services Chart.

Sequence No.	Item	Procedure	References
1	Wires -----	Inspect wires for chafed, cracked, or frayed insulation.	Par. 10.
2	Exterior -----	Inspect exposed surfaces for rust and corrosion. Touch up paint as required.	

8. Quarterly Preventive Maintenance Checks and Services Chart.

Sequence No.	Item	Procedure	References
1	Publications -----	See that all publications are complete, serviceable,--- and current.	DA Pam 310-4.
2	Modifications-----	Check DA Pam 3104 to determine if new applicable--- MWO's have been published. All URGENT MWO's must be applied immediately. All NORMAL MWO's must be scheduled.	TM 38-750 and DA Pam 310-4.
3	Spare parts-----	Check all spare parts (operator and organizational) for general condition and method of storage. There should be no evidence of overstock, and shortages must be on valid requisitions.	

9. Cleaning. Inspect the exterior of the armature test set. The exterior surfaces should be clean, and free of dust, dirt, grease, and fungus.

a. Remove dust and loose dirt with a clean soft cloth.

Warning: Cleaning compound is flammable and its fumes are toxic. Provide adequate ventilation. Do not use near a flame.

b. Remove grease, fungus, and ground-in dirt from the equipment; use a cloth dampened (not wet) with Cleaning Compound (Federal stock No. 7930-385-9542).

c. If necessary, dampen the cloth with water; use mild soap for more effective cleaning.

10. Touchup Painting Instructions. Remove rust and corrosion from metal surfaces by lightly sanding them with fine sandpaper. Brush two thin coats of paint on the bare metal to protect it from further corrosion. Refer to the applicable cleaning and refinishing practices specified in TM 9-213.