DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

OPERATOR AND ORGANIZATIONAL PERIODIC PREVENTIVE MAINTENANCE SERVICES FOR TEST SETS, TELEGRAPH AN/PGM-1 AND AN/PGM-1A

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

		Paragraph	Page
SECTION I.	**INTRODUCTION**		
	General	1	3
	Index of publications	2	3
	Forms and records	3	3
	Handling, storage, and disposal of radioactive material	4	3
II.	**OPERATOR'S MAINTENANCE**		
	Scope of operator's maintenance	5	3
	Preventive' maintenance	6	3
	Preventive maintenance checks and services periods	7	4
	Daily preventive maintenance checks and services chart	8	4
	Weekly preventive maintenance checks and services chart	9	4
	Cleaning	10	5
III.	**ORGANIZATIONAL MAINTENANCE**		
	Scope of organizational maintenance	11	5
	Tools, materials, and test equipment required	12	5
	Organizational preventive maintenance	13	5
	Monthly maintenance	14	5
	Monthly preventive maintenance checks and services chart	15	5
	Cleaning and touchup painting instructions	16	6
APPENDIX. REFERENCES		--	6

This publication is a courtesy quick copy from the UNITED STATES ARMY ADJUTANT GENERAL PUBLICATIONS CENTER, ST. LOUIS, MISSOURI, to meet your needs while we are replenishing our regular stock.

TAGO 7159A-December

SECTION I. INTRODUCTION

1. General. This bulletin describes the periodic preventive maintenance services (including inspection and cleaning) of Test Sets, Telegraph AN/PGM-1 and AN/PGM-1A. Throughout this bulletin, Test Sets, Telegraph AN/PGM 1 and AN/PGM-1A will be referred to as the test set. The instructions in this bulletin apply to all organizations and will be performed, periodically in accordance with these instructions, by first and second echelon maintenance personnel. Records and reports are made under the provisions of TM 38-750.

2. Index of Publications. Refer to the latest issue of DA Pamphlet 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

3. forma 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 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 improvement recommendations. 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. 07003. One information copy will be furnished to the individual's immediate supervisor (officer, noncommissioned officer, supervisor, etc).

4. Handling, Storage, and Disposal of Radioactive Material. Follow the procedures for safe handling, storage, and disposal of radioactive materials as directed by TB SIG 225, AR 40580, and AR 755380.

SECTION II. OPERATOR'S MAINTENANCE

5. Scope of Operator's Maintenance. The maintenance duties assigned to the operator of the equipment are listed below together with a reference to the paragraphs covering the specific maintenance functions. No special tools are required. Test Set, Electron Tube TV-7/U is required for testing tubes which are suspected of being defective.

a. Daily preventive maintenance checks and services (par. 8).
b. Weekly preventive maintenance checks and services (par. 9).
c. Cleaning (par. 10).
d. Fuse (ac input, 2 amperes) replacement.
e. Replacement of defective tubes.

6. 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 7 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. 8 and 9) 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 serviceability, the charts indicate what to check, how to check, and what the normal conditions are; the References column lists the illustrations, paragraphs, or manuals that contain