

TECHNICAL MANUAL
OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)

FOR

FREQUENCY COMB GENERATOR SG-1129/U
(HP-8406A)
(NSN 6625-00-937-3525)

HEADQUARTERS, DEPARTMENT OF THE ARMY

JUNE 1980

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TECHNICAL MANUAL

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HEADQUARTERS
DEPARTMENT OF THE ARMY
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GENERAL SUPPORT MAINTENANCE MANUAL
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FOR
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(HP-8406A)
(NSN 6625-00-937-3525)
CURRENT AS OF 21 DECEMBER 1979

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 (Recommended 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 and Fort Monmouth, ATTN: DRSEL-ME-MQ, Fort Monmouth, New Jersey 07703. A reply will be furnished to you.

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This manual is an authentication of the manufacturer's commercial literature which, through usage, has been found to cover the data required to operate and maintain this equipment. The manual was not prepared in accordance with military specifications; therefore, the format has not been structured to consider categories of maintenance.

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SECTION 0 INTRODUCTION

0-1. SCOPE

a. This manual contains instructions for the operation, organizational maintenance, direct support, and general support maintenance of the SG-1129/U Frequency Comb Generator, Hewlett-Packard Model HP-8406A, hereinafter referred to as the HP-8406A.

b. This TM is an authentication of Hewlett-Packard manual, HP Part No. 08406-90001, printed June 1967 for HP-8406A with serial prefixes 649 and 737. For HP-8406A with serial prefixes other than 649 or 737 this manual must be corrected in accordance with, Backdating Changes for earlier models, or Manual Changes for later models. Backdating Changes and Manual Changes are located in Section VIII.

c. Appendix A provides a list of applicable references, and Appendix D contains the maintenance allocation chart (MAC). The MAC is current as of 16 May 1979. Table 6-4 contains the part number-national stock number cross-reference index.

0-2. 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 (MWOs) pertaining to the equipment.

0-3. 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 735-11-2/NAVSUPINST 4440.127E/AFR 400-54/MCO 4430.3E and DSAR 4140.55.

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.

0-4. ADMINISTRATIVE STORAGE

Before placing this instrument in storage, its complete operability must be verified and all deficiencies corrected by accomplishing the performance checks and adjustment procedures in Section V of this manual. Troubleshooting procedures are also provided in Section V to aid in the correction of malfunctions.