

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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OPERATOR'S MANUAL

SIGNAL GENERATORS

AN/USM-44 AND AN/USM-44A

This reprint includes all changes in effect at the  
time of publication; change 1.

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HEADQUARTERS, DEPARTMENT OF THE ARMY  
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## TABLE OF CONTENTS

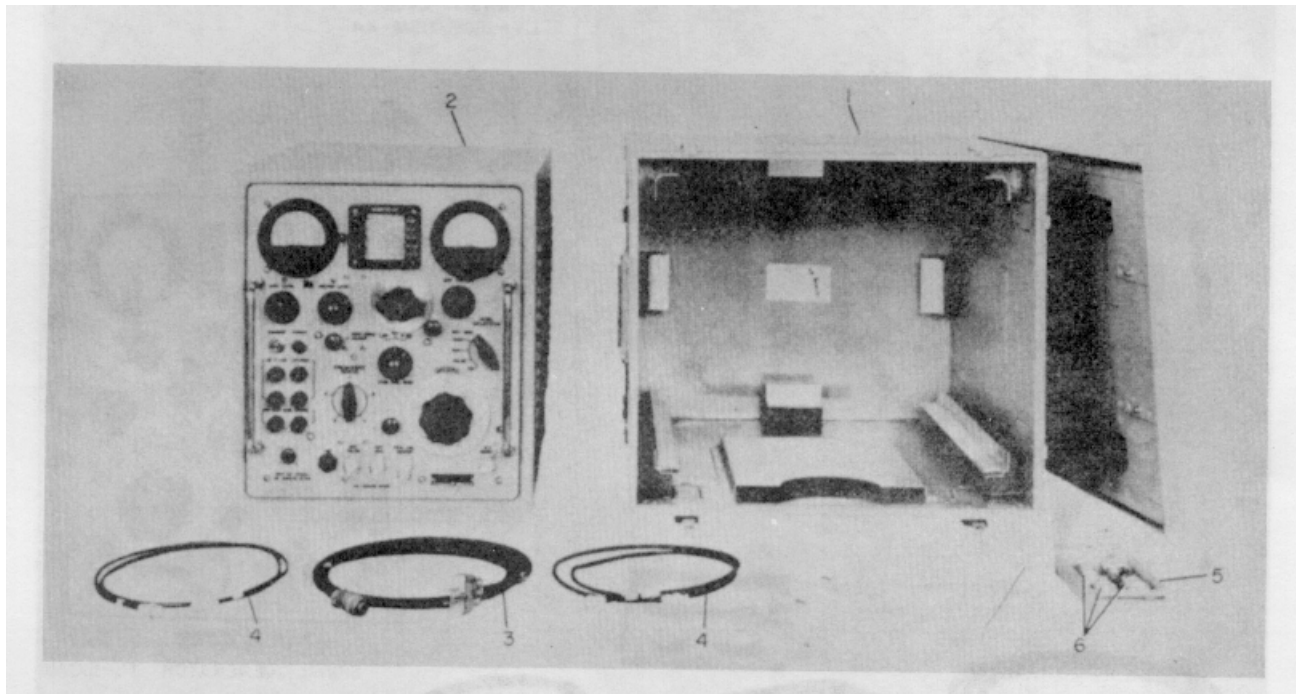
| Section                                                                      | Page |
|------------------------------------------------------------------------------|------|
| I. GENERAL DESCRIPTION.....                                                  | 1    |
| 1-1. Identification .....                                                    | 1    |
| 1-6. General Description of Complete Equipment.....                          | 2    |
| 1-7. Equipment Supplied .....                                                | 2    |
| 1-8. Equipment Required but Not Supplied .....                               | 2    |
| 1-9. General Description.....                                                | 2    |
| 1-16. Electrical Characteristics .....                                       | 5    |
| 1-25. Transit Case .....                                                     | 7    |
| 1-29. Accessories .....                                                      | 7    |
| 1-31. Differences in Equipment .....                                         | 10   |
| 1-32. FINE FREQ. ADJUST Control.....                                         | 10   |
| 1-33. Crystal Calibrator, TS-510/U .....                                     | 10   |
| 1-34. Crystal Calibrator, TS-510A/U.....                                     | 10   |
| 1-35. Output Attenuator Control, TS-510/U and TS-510A/U(*) .....             | 10   |
| 1-36. Output Attenuator Control, TS-510A/U(**) .....                         | 10   |
| 1-37. Internal Modulation, TS-510/U and TS-510A/U(*).....                    | 10   |
| 1-38. Internal Modulation, TS-510A/U(**).....                                | 10   |
| 1-39. External Pulse Modulation, TS-510/U and TS-510A/U(*).....              | 10   |
| 1-40. External Pulse Modulation, TS-510A/U(**).....                          | 10   |
| II. OPERATING PROCEDURES.....                                                | 11   |
| 2-1. Scope of Procedures.....                                                | 11   |
| 2-3. Installation .....                                                      | 11   |
| 2-7. Operating Controls, Dials and Terminals .....                           | 11   |
| 2-9. Turning on the Equipment .....                                          | 11   |
| 2-11. Setting the TS-510/U, TS-510A/U for Continuous Wave Operation .....    | 15   |
| 2-13. Setting the TS-510/U TS-510A/U for Internal Sine Wave Modulation.....  | 17   |
| 2-15. Setting the TS-510/U TS-510A/U for External Sine Wave Modulation ..... | 17   |
| 2-17. Setting the TS-510/U TS-510A/U for Pulse Modulation .....              | 17   |
| 2-19. Using the TS-510/U Frequency Calibrator .....                          | 18   |
| 2-21. Using the TS-510A/U Frequency Calibrator.....                          | 18   |
| 2-23. Signal Generator Loading Considerations .....                          | 18   |
| 2-28. Turning Off the Equipment .....                                        | 19   |
| III. OPERATING CHECKS AND ADJUSTMENTS.....                                   | 20   |
| 3-1. General.....                                                            | 20   |
| IV. EMERGENCY OPERATION AND REPAIR.....                                      | 21   |
| 4-1. Introduction.....                                                       | 21   |
| 4-4. Electron Tube Complement .....                                          | 21   |

## LIST OF ILLUSTRATIONS

| Figure |                                                                               | Page |
|--------|-------------------------------------------------------------------------------|------|
| 1-1.   | Signal Generator AN/USM-44 (Hewlett-Packard), Equipment Supplied.....         | iv   |
| 1-2.   | Signal Generator AN/USM-44A (Hewlett-Packard), Equipment Supplied.....        | 1    |
| 1-3.   | Signal Generator AN/USM-44A (Nuclear Electronics), Equipment Supplied.....    | 2    |
| 1-4.   | Signal Generator TS-510/U (Hewlett-Packard) .....                             | 4    |
| 1-5.   | Signal Generator TS-510A/U (Hewlett-Packard) .....                            | 5    |
| 1-6.   | Signal Generator TS-510A/U (Nuclear Electronics).....                         | 6    |
| 1-7.   | Transit Cases, CY-1605/USM-44 and CY2105/USM-44A .....                        | 9    |
| 1-8.   | Accessory Cover .....                                                         | 10   |
| 2-1.   | Signal Generator TS-510/U (Hewlett-Packard) Front Panel Controls.....         | 13   |
| 2-2.   | Signal Generator TS-510A/U (Hewlett-Packard) Front Panel Controls .....       | 14   |
| 2-3.   | Signal Generator TS-510A,/U (Nuclear Electronics) Front Panel Controls.....   | 15   |
| 2-4.   | Diagram Showing Relationships of Front Panel Controls to Major Circuits ..... | 16   |
| 4-1.   | Tube Location Diagram .....                                                   | 21   |

## LIST OF TABLES

| Table | Title                                                            | Page |
|-------|------------------------------------------------------------------|------|
| I     | Equipment Supplied .....                                         | 3    |
| II    | Specifications for Signal Generators TS-510/U and TS-510A/U..... | 8    |
| III   | Controls and Terminals .....                                     | 12   |
| IV    | Power Losses as Related to VSWR in Generator Load.....           | 18   |
| V     | Electron Tube Complement .....                                   | 22   |



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|------------------------------|----------------------------|
| 1. Transit Case Assembly     | 4. Cable Assembly CG-409/U |
| 2. Signal Generator Assembly | 5. Accessory Cover         |
| 3. Cable Assembly CX-3135/U  | 6. Fuse-holder and Adapter |

*Figure 1-1A. Signal Generator AN/USM-44A, Equipment Supplied*

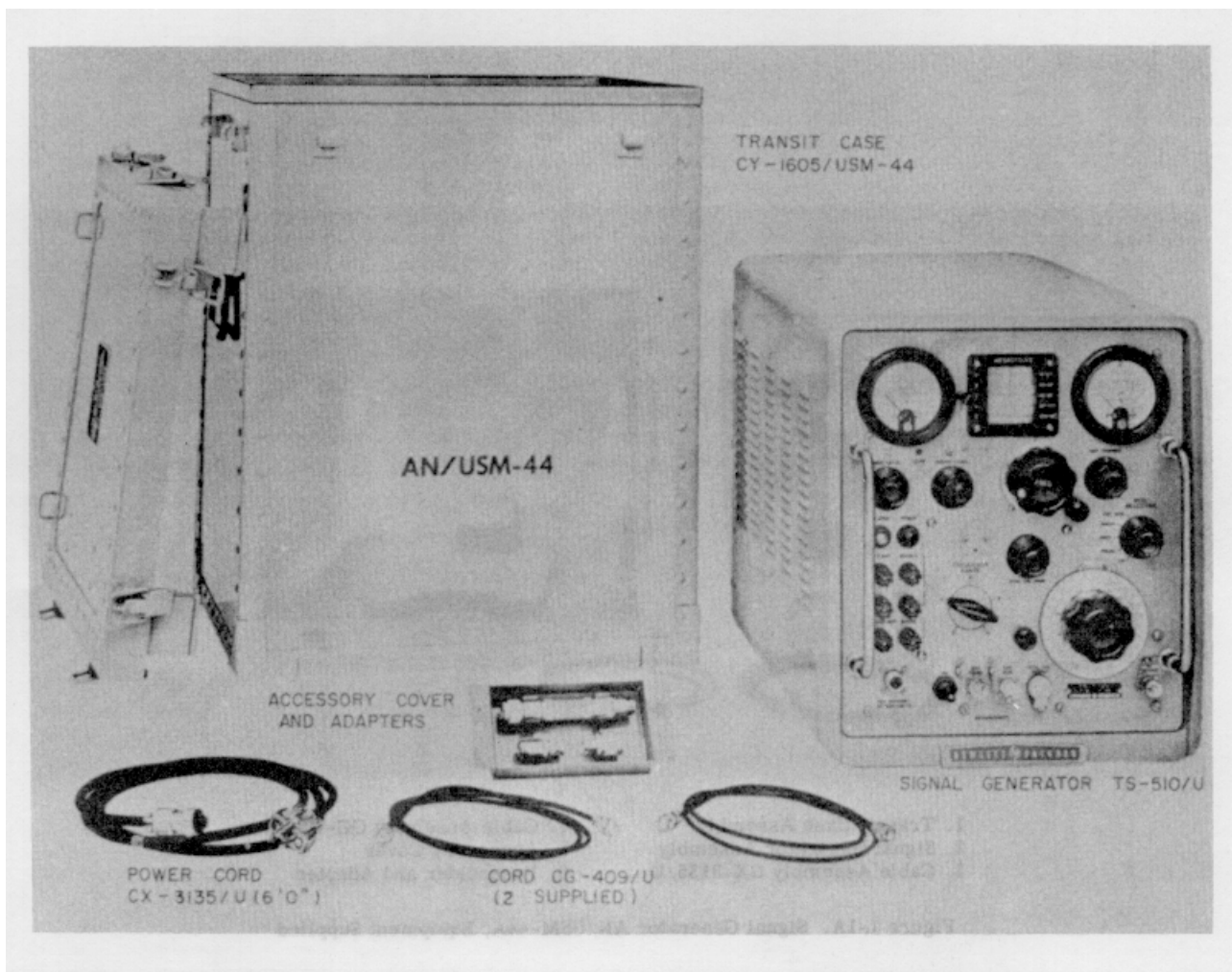


Figure 1-1. Signal Generator AN/USM-44 (Hewlett-Packard), Equipment Supplied

## SECTION I

## GENERAL DESCRIPTION

**1-1. IDENTIFICATION.** (See figures 1-1, 1-2, and 1-3.)

**1-2.** This publication comprises operating instructions for Signal Generator Test Set AN/USM-44 (figure 1-1) and Signal Generator Test Set AN/USM-44A (figure 1-2) manufactured by the Hewlett-Packard Company, Palo Alto, California, and Signal Generator Test Set AN/USM-44A (figure 1-3) manufactured by the Nuclear Electronics Corporation, Philadelphia, Pennsylvania.

**1-3.** The main component of Signal Generator Test Set AN/USM-44 is Signal Generator TS-510/U (see figure 1-4). The main component of Signal Generator Test Set AN/USM-44A manufactured by the Hewlett-Packard Company under Orders No. NOasN3833733A, N383-36708A, and N383-47671A is the Signal Generator TS-

510A/U shown in figure 1-5. The main component of Signal Generator Test Set AN/USM44A manufactured by the Nuclear Electronics Corporation under Order No. N383-46472 is the Signal Generator TS-510A/U shown in figure 1-6. This equipment is manufactured in accordance with Specification MIL-G-7702 (AER), dated 15 November 1953.

**1-4.** Throughout this handbook references to Signal Generator TS-510A/U will be construed to mean all models; references to Signal Generator TS-510A/U (\*) refer specifically to the Signal Generator TS-510A/U manufactured by the Nuclear Electronics Corporation under Order No. N383-46472; and, references to Signal

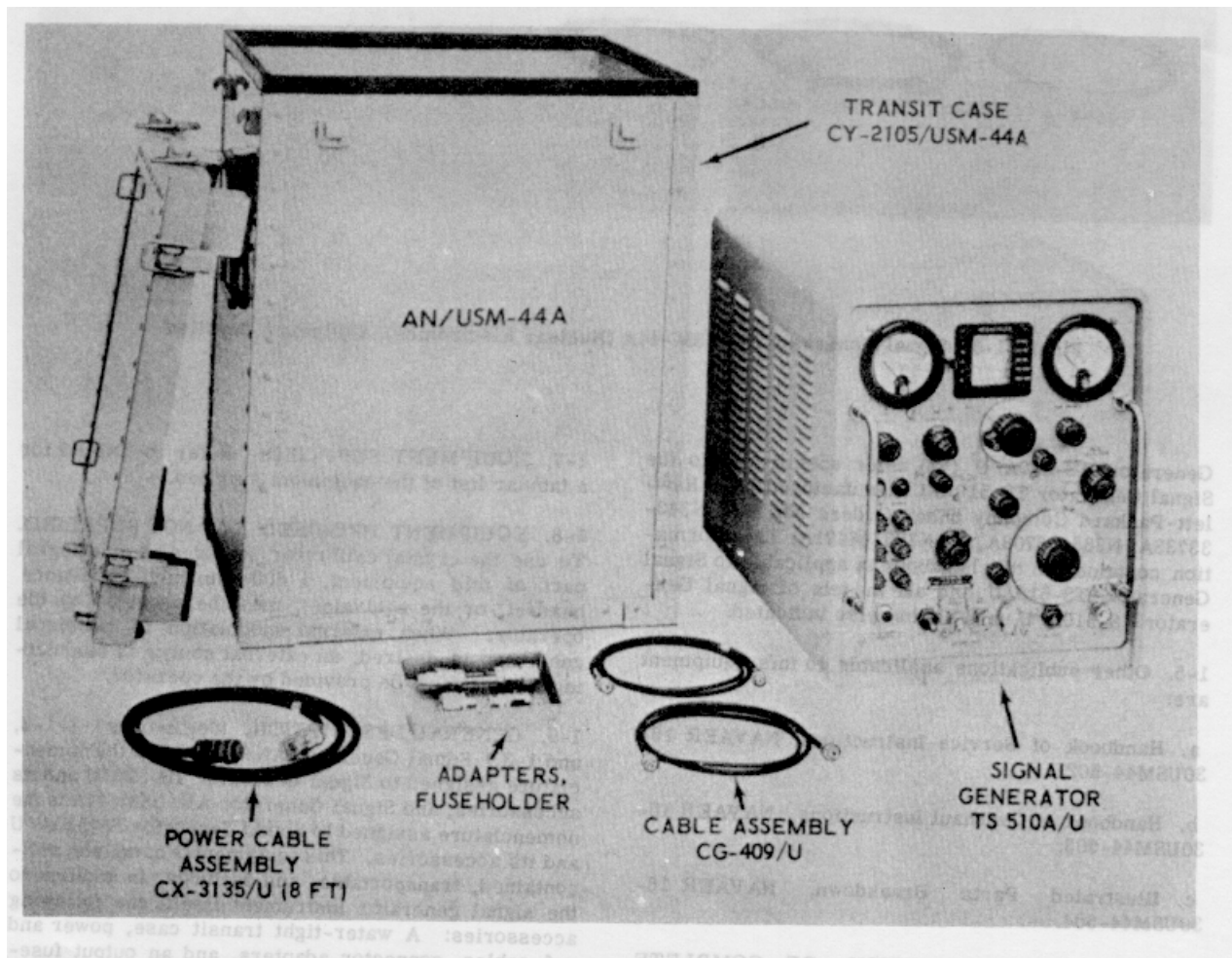


Figure 1-2. Signal Generator AN/USM-44A (Hewlett-Packard), Equipment Supplied