

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

TM 11-5820-256-20

DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER

TO 31R2-2GRC26-132

**ORGANIZATIONAL
MAINTENANCE MANUAL**

RADIO SET AN/GRC-26D

This copy is a reprint which includes current pages from
Changes 1 through 5.

DEPARTMENTS OF THE ARMY AND THE AIR FORCE

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RADIO SET AN/GRC-26D

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*This manual supersedes so much of TM 11-264B, 7 May 1957; including C1, 7 June 1957; C2, 5 December 1957; C3, 27 August 1959; and C4, 7 November 1960 as pertains to organizational maintenance; and so much of TM 11-5820-256-20P, 1 August 1958; including C2, 16 February 1961 as pertains to maintenance allocation chart.

CHAPTER 1

INTRODUCTION

1. Scope

a. This manual covers second echelon maintenance of Radio Set AN/GRC-26D. Modulator, Radio MD-239(*)/GR is discussed in detail. Detailed information pertaining to the second echelon maintenance of the remainder of the components comprising Radio Set AN/GRC-26D is contained in the technical manuals listed in appendix I. The operating instructions for this equipment are contained in TM 11-5820-256-10.

b. Forward comments concerning this manual to the Commanding Officer, U.S. Army Signal Materiel Support Agency, ATTN: SIGMS-PA2d, Fort Monmouth, N.J.

c. Refer to DA Pamphlet 310-4 to determine what changes to or revisions of this publication are current.

Note: For applicable forms and records, see paragraph 2, TM 11-5820-256-10.

2. Internal Differences in Models of Radio Set AN/GRC-26D

All the radio sets are similar in purpose, operation, and appearance. The main differences of concern to second echelon maintenance personnel are the model designations of the major components. When second

echelon maintenance is performed, any model of the major components maybe substituted for the model used in the radio set. When a different model is substituted, different operating and maintenance procedures may be necessary. Refer to the *Differences in models* paragraph in TM 11-5820-256-10 for more information.

3. Internal Differences in Models of Modulator, Radio MD-239(*)/GR

This paragraph covers only items that second echelon maintenance personnel replace. The basic and A-model frequency-shift keying (fsk) modulators are similar, except for the location of the crystals (fig. 3 and 4), and the stages. Differences in stages that concern second echelon maintenance are listed below.

Item	MD-239/GR	MD239A/GR
If. amplifier 6AH6WA	V2	V3
2d mixer 6BA7	V3	V4
1st rf amplifier 6AH6WA	V4	V6
Shift oscillator 6AU6WB	V5	V2
Fixed oscillator 6AU6WB	V6	V5
Voltage regulator OC3	V10	V11
Voltage regulator OD3	V11	V10