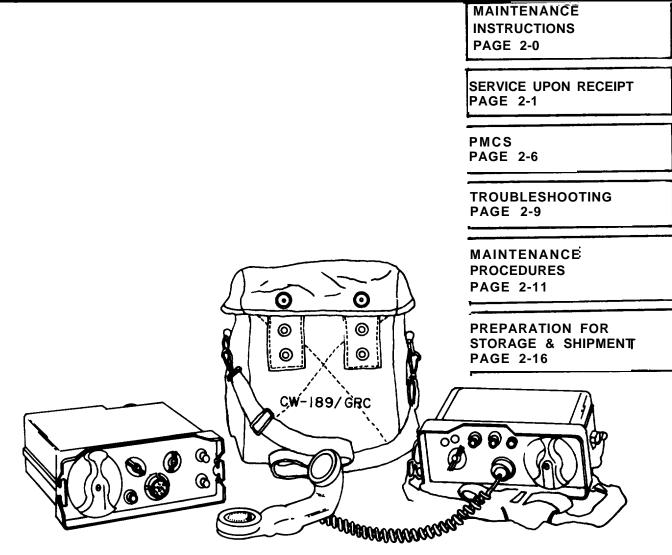
ARMY TM 11-5820-489-20 AIR FORCE TO 31R4-2GRA6-32

ORGANIZATIONAL MAINTENANCE MANUAL



CONTROL GROUP AN/GRA-6 (NSN 5820-00-644-4554)

DEPARTMENTS OF THE ARMY AND THE AIR FORCE 23 NOVEMBER 1983

DEPARTMENTS OF THE ARMY AND THE AIR FORCE

Washington, DC, 23 November 1983

ORGANIZATIONAL MAINTENANCE MANUAL

CONTROL GROUP AN/GRA-6 (NSN 5820-00-644-4554)

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-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703.

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, T.O. 00-5-1. Forward direct to prime ALC/MST.

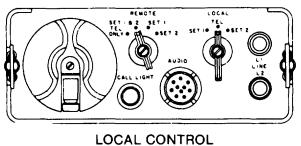
In either case a reply will be furnished direct to you.

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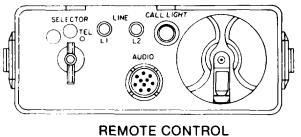
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*This manual supersedes so much of TM 11-5038, 18 April 1951, including all changes, as pertains to organizational maintenance.

Technical Manual No. 11-5820-489-20 Technical Order No. 31R4-2GRA6-32



C-434/GRC



C-433/GRC

HOW TO USE THIS MANUAL

- THIS MANUAL TELLS ABOUT THE TYPICAL ARRANGEMENTS OF THE LOCAL CONTROL C-434/GRC AND THE REMOTE CONTROL C-433/GRC.
- ALL THE PROCEDURES IN THIS MANUAL MUST BE EXAMINED BEFORE YOU BEGIN ANY TASK.
- THROUGHOUT THIS MANUAL COLOR CODED MARGIN TABS WILL GUIDE YOU TO THE SECTION THAT CONTAINS THE SPECIFIC INFORMATION YOU NEED.
- THIS MANUAL IS ORGANIZED INTO CHAPTERS, SECTIONS, PARAGRAPHS AND ILLUSTRA-TIONS, WHICH ARE NUMBERED TO HELP YOU FIND INFORMATION ABOUT YOUR EQUIP-MENT QUICKLY AND EASILY.
- COLOR IS USED TO EMPHASIZE KEY POINTS.
- THE SUBJECT INDEX IN THE BACK OF THE MANUAL WILL HELP YOU FIND INFORMA-TION QUICKLY.

CHAPTER 1

INTRODUCTION

Section L GENERAL INFORMATION

Type of Manual: Organizational Maintenance.

Model Number and Equipment Name: Control Group AN/GRA-6.

Purpose of Equipment: Provides means for controlling and operating a radio set using one or two receiver-transmitters or amplifiers of the push-to-talk type. Also provides means for local control of a radio set through a continuous dc circuit.

The Control Group can also be used for two-way telephone communication and ringing between remote and local control operators.

NOTE

Information in this manual about the radio sets used with the Control Group is general. For more specific information refer to the technical manual for the particular set used.

1-2. MAINTENANCE FORMS, RECORDS, AND REPORTS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System (TAMMS). Air Force personnel will use AFR 66-1 for maintenance reporting and TO-00-35D54 for unsatisfactory equipment reporting.

1-3. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Refer to TM 750-244-2.

1-4. PREPARATION FOR STORAGE OR SHIPMENT

Procedures for storage and shipment are described in Chapter 2, Section VI of this manual.

1-5. NOMENCLATURE CROSS-REFERENCE LIST

NOTE

Official nomenclature must be used when filling out report forms or looking up technical manuals. Common names will be used when the major components of the Control Group are mentioned in this manual.