

Operators Manual Radio Sets Manpack Radio Anprc 119a Nsn 5820 01 267 9482 Eic L2q Short Range Vehicular Radio Anprc 87a Nsn L27 Sudoc D 1011111 5820 890 10 8996

This publication provides the United States Army and United States Marine Corps (USMC) commanders, artillerymen, and meteorology (MET) crew members with tactics, techniques, and procedures for the employment of MET sections. This publication describes the equipment and tasks required to develop MET data from the selection of the MET station location to the dissemination of the MET data. This manual describes current and emerging TA organizations. These organizations include target acquisition batteries and radar platoons of active and reserve components, the corps target acquisition detachment (CTAD), radar platoons of the interim brigade combat team (IBCT) and interim division artillery (DIVARTY), and the STRIKER platoon. Technical and tactical considerations for employing weapons locating radars are discussed in detail. This includes the ANTPC-47 that is currently being developed. New information contained in this manual includes duties and responsibilities for key TA personnel, rehearsals, stability operations and support operations, rotary and fixed wing radar movement procedures, and automated target data processing. The methodology used by weapons locating radars to acquire, track and locate threat weapon systems is also discussed.

Manuals Combined: U.S. Marine Corps Basic Reconnaissance Course (BRC) References
Soldiers Manual and ARTEP
Indian Trade Journal

Manuals Combined: TACTICS, TECHNIQUES, AND PROCEDURES FOR FIELD ARTILLERY METEOROLOGY & FIELD ARTILLERY TARGET ACQUISITION
technical manuals, technical bulletins, supply manuals (types 7, 8, and 9), supply bulletins, and lubrication orders

PREFACE By enrolling in this self-study course, you have demonstrated a desire to improve yourself and the Navy. Remember, however, this self-study course is only one part of the total Navy training program. Practical experience, schools, selected reading, and your desire to succeed are also necessary to successfully round out a fully meaningful training program. COURSE OVERVIEW: In completing this nonresident training course, you will demonstrate a knowledge of the subject matter by correctly answering questions on the following: History and Organization of the Seabees and Laws of War; Special Clothing and Equipment; Service Rifle and Pistol Marksmanship; Combat Maneuvers, Formations, Patrols, and Ambushes; Land Navigation; Evasion, Survival, and Escape; Individual Protective Measures; Entanglements; Chemical, Biological, and Radiological (CBR) Defense; First Aid and Field Sanitation; Grenades, Land Mines, and Booby Traps; Organic Support Weapons: M203 and Machine Guns; and Organic Support Weapons: 60-mm Mortar and AT4. THE COURSE: This self-study course is organized into subject matter areas, each containing learning objectives to help you determine what you should learn along with text and illustrations to help you understand the information. The subject matter reflects day-to-day requirements and experiences of personnel in the rating or skill area. It also reflects guidance provided by Enlisted Community Managers (ECMs) and other senior personnel, technical references, instructions, etc., and either the occupational or naval standards, which are listed in the Manual of Navy Enlisted Manpower Personnel Classifications and Occupational Standards, NAVPERS 18068. THE QUESTIONS: The questions that appear in this course are designed to help you understand the material in the text. VALUE: In completing this course, you will improve your military and professional knowledge. Importantly, it can also help you study for the Navy-wide advancement in rate examination. If you are studying and discover a reference in the text to another publication for further information, look it up. CONTENTS – Volume 1, CHAPTER PAGE 1. History and Organization of the Seabees and Laws of War 1-1 2. Special Clothing and Equipment 2-1 3. Service Rifle and Pistol and Marksmanship 3-1 4. Combat Maneuvers, Formations, Patrols, and Ambushes 4-1 5. Land Navigation 5-1 6. Evasion, Survival, Escape 6-1 7. Individual Protective Measures 7-1 8. Entanglements 8-1 9. Chemical, Biological, and Radiological (CBR) Defense 9-1 10. First Aid and Field Sanitation 10-1 11. Organic Communications Equipment 11-1 12. Hand Grenades, Land Mines, and Booby Traps 12-1 13. Organic Support Weapons: M203 and Machine Guns 13-1 14. Organic Support Weapons: 60-mm Mortar and AT4 14-1 APPENDIX I. Glossary of Common Military Terms AI-1 II. References used to develop the TRAMAN AI-II INDEX INDEX-I CONTENTS – Volume 2, CHAPTER PAGE 1. Organization and Operation of the Combat Operations Center 1-1 2. Organization and Operation of the Company Command Post 2-1 3. Setup and Control of Medical Evacuation (MEDEVAC) 3-1 4. Planning and Development of Defense Tactics 4-1 5. Counter Ambush Techniques 5-1 6. CBR Decontamination 6-1 APPENDIX I. Glossary of Common Military Terms AI-1 II. Overlay Techniques AI-II III. Characteristics of TOA Weapons for an NMCB AI-III IV. Decontaminants AI-V V. Decontamination of Specific Items AV-1 VI. Work/Rest Table AVI-1 VII. Acronyms AVII-1 VIII. References Used to Develop This TRAMAN AVIII-1 INDEX INDEX-1

Operator's, Organizational, Direct Support, and General Support Maintenance Manual, Including Repair Parts and Special Tools List
Operator, Organizational, DS, GS, and Depot Maintenance Manual Including Repair Parts, Special Tools Lists

Radio Set AN/PRC-70 (NSN 5820-01-062-8246).

Individual Training Standards (ITS) System for the Signals Intelligence/ground Electronic Warfare Occupational Field (OCFLD) 26
Bibliography of Scientific and Industrial Reports

Operator, Organizational, Direct Support, and General Support Maintenance Manual
This field manual (FM) serves as a reference document for tactical radio systems. It also provides doctrinal procedures and guidance for using tactical radios on the modern battlefield. This FM targets operators, supervisors, and planners, providing a common reference for tactical radios. It provides a basic guidance and gives the system planner the necessary steps for

network planning, interoperability considerations, and equipment capabilities. Chapter 1 - APPLICATIONS FOR TACTICAL RADIO DEPLOYMENT * Modularity * Tactical Radio Deployment * Army Special Operations Forces * Army Force Generation Process * Chapter 2 - TACTICAL RADIOS * Tactical Radio Networks * Electromagnetic Spectrum Operations * Chapter 3 - HIGH FREQUENCY RADIOS * High Frequency Communications Concepts * AN/PRC-150 I Advanced High Frequency/Very High Frequency Tactical Radio * Improving High Frequency Radio Operations * Improved High Frequency Radios * Chapter 4 - VERY HIGH FREQUENCY RADIO SYSTEMS * Single-Channel Ground and Airborne Radio System Characteristics and Capabilities * Single-Channel Ground and Airborne Radio System Radio Sets * Single-Channel Ground and Airborne Radio System Ancillary Equipment * Single-Channel Ground and Airborne Radio System Planning * Single-Channel Ground and Airborne Radio System Wireless Network Extension Station * Single-Channel Ground and Airborne Radio System Jamming and Anti-Jamming * AN/PRC-148 Multiband Inter/Intra Team Radio AN/PRC-152 Multiband Handheld Radio * Chapter 5 - ULTRA HIGH FREQUENCY RADIOS * Force XXI Battle Command, Brigade and Below * Enhanced Position Location Reporting System * Blue Force Tracking * Near Term Digital Radio * Tactical Digital Information Link-Joint Terminals * Multifunctional Information Distribution System * Chapter 6 - SINGLE-CHANNEL TACTICAL SATELLITE * Single-Channel Tactical Satellite Introduction * Single-Channel Tactical Satellite Planning Considerations * Single-Channel Ultra High Frequency And Extremely High Frequency Terminals * AN/PSC-5 Radio Set (Spitfire) * AN/PSC-5I UHF Tactical Ground Terminal (Shadowfire) * AN/PSC-5D Multiband Multimission Radio * AN/PRC-117F Manpack Radio * Army Conventional Forces * Operations and Intelligence Networks * Single-Channel Tactical Satellite Fire Support Networks * Single-Channel Tactical Satellite Communications Planning * Chapter 7 - AIRBORNE RADIOS * Airborne Single-Channel Ground and Airborne Radio Systems * AN/ARC-210 Radio System * AN/ARC-220 Radio System * AN/VRC-100(V) High Frequency Ground/Vehicular Communications System * AN/ARC-231 Radio System * AN/ARC-164(V) 12 Ultra High Frequency Radio * AN/VRC-83(V) Radio Set * AN/ARC-186(V) VHF AM/FM Radio * Chapter 8 - OTHER TACTICAL RADIO SYSTEMS * AN/PRC-126 Radio Set * ICON F43G Handheld Radio * Land Mobile Radio * Land Warrior * Combat Survivor Evader Locator * AN/PRC-90-2 Transceiver * AN/PRC-112 Combat Search and Rescue Transceiver * Joint Tactical Radio System * Chapter 9 - ANTENNAS * Antenna Fundamentals * Antenna Concepts and Terms * Ground Effects * Antenna Length * Improvement of Marginal Communications * Types of Antennas * Field Repair * Chapter 10 - AUTOMATED COMMUNICATIONS SECURITY MANAGEMENT AND ENGINEERING SYSTEM * System Description * Hardware * Software * Chapter 11 - COMMUNICATIONS TECHNIQUES: ELECTRONIC PROTECTION * Electronic Warfare * Commanders Electronic Protection Responsibilities * Staff Electronic Protection Responsibilities * Planning Process * Signal Security * Emission Control * Preventive Electronic Protection Techniques * Electronic Warfare for Single-Channel Tactical Satellite * Counter Remote Control Improvised Explosive Device Warfare * Joint Spectrum Interference Resolution Reporting * Chapter 12 - RADIO OPERATING PROCEDURES * Phonetic Alphabet * Numerical Pronunciation * Procedure Words * Radio Call Procedure

Operator and Organizational Maintenance Manual Including Repair Parts and Special Tools Lists
Tactical Wire Operations Specialist

Field Manual

Monthly Catalogue, United States Public Documents

21st Century U.S. Military Manuals

Air Police Law Enforcement Operations
TB 11-5830-263-20-12

Antenna, AS-2259/GR (NSN 5985-00-106-6130).

Wireless for the Warrior: Standard sets of World War II

Radio Sets AN/PRC-74B (NSN 5820-00-935-0030) and AN/PRC-74C (NSN 5820-00-177-1641), and Power Supplies PP-4514/PRC-74 (NSN 5820-00-942-0821) and PP-4514A/PRC-74 (NSN 5820-00-177-4581), and Battery Boxes CY-6121/PRC-74 (NSN 5820-00-908-3127), and CY-6314/PRC-74 and CY-6314A/PRC-74 (NSN 5820-00-156-3934).

Operator's and Organizational Maintenance Manual (including Repair Parts and Special Tools Lists)
Installation Instructions for Intercommunication Set, Vehicular ANVIC-3(V)15, (NSN 5830-041-458-4049) (EIC NA) in an Armored Security Vehicle

Over 5,300 total pages MARINE RECON Reconnaissance units are the commander's eyes and ears on the battlefield. They are task organized as a highly trained six man team capable of conducting specific missions behind enemy lines. Employed as part of the Marine Air-Ground Task Force, reconnaissance teams provide timely information to the supported commander to shape and influence the battlefield. The varying types of missions a Reconnaissance team conduct depends on how deep in the battle space they are operating. Division Reconnaissance units support the close and distant battlespace, while Force Reconnaissance units conduct deep reconnaissance in support of a landing force. Common missions include, but are not limited to: Plan, coordinate, and conduct amphibious-ground reconnaissance and surveillance to observe, identify, and report enemy activity, and collect other information of military significance. Conduct specialized surveying to include: underwater reconnaissance and/or demolitions, beach permeability and topography, routes, bridges, structures, urban/rural areas, helicopter landing zones (LZ), parachute drop zones (DZ), aircraft forward operating sites, and mechanized reconnaissance missions. When properly task organized with other forces, equipment or personnel, assist in specialized engineer, radio, and other special reconnaissance missions. Infiltrate mission areas by necessary means to include: surface, subsurface and airborne operations. Conduct Initial Terminal Guidance (ITG) for helicopters, landing craft, parachutists, air-delivery, and re-supply. Designate and engage selected targets with organic weapons and force fires to support battlespace shaping. This includes designation and terminal guidance of precision-guided munitions. Conduct post-strike reconnaissance to determine and report battle damage assessment on a specified target or area. Conduct limited scale raids and ambushes. Just a SAMPLE of the included publications: BASIC RECONNAISSANCE COURSE PREPARATION GUIDE RECONNAISSANCE (RECON) TRAINING AND READINESS (T&R) MANUAL RECONNAISSANCE REPORTS GUIDE GROUND RECONNAISSANCE OPERATIONS GROUND COMBAT OPERATIONS Supporting Arms Observer, Spotter and Controller DEEP AIR SUPPORT SCOUTING AND PATROLLING Civil Affairs Tactics, Techniques, and Procedures MAGTF Intelligence Production and Analysis Counterintelligence Close Air Support Military Operations on Urbanized Terrain (MOU) Convoy Operations Handbook TRAINING SUPPORT PACKAGE FOR: CONVOY SURVIVABILITY Convoy Operations Battle Book Tactics, Techniques, and Procedures for Training, Planning and Executing Convoy Operations Urban Attacks

Radio Operator

Fleet Marine Force Organization, 1992

Hazard Controls for CECOM Radiofrequency and Optical Radiation Producing Equipment

MOS 36K, Tactical Wire Operations Specialist, Skill Levels 1 and 2

Tactical Radio Operations (FM 6-02.53) - Covering Networks, Electromagnetic Spectrum Operations, HF and VHF, Ground and Airborne, Ultra HF, Satellite, and SINGARS

Manuals Combined: U.S. Army TECHNICAL MANUAL OPERATOR'S MANUAL FOR UH-60A HELICOPTER UH-60Q HELICOPTER UH-60L HELICOPTER EH-60A HELICOPTER

Operator's and Organizational Maintenance ManualRadio Sets AN/VRC-53 (NSN 5820-00-223-7467), AN/VRC-64 (NSN 5820-00-223-7475), AN/GRC-125 (NSN 5820-00-223-7411), and AN/GRC-160 (NSN 5820-00-223-7473), and Amplifier-power Supply Groups OA-3633/GRC and OA-3633A/GRC (NSN 5820-00-973-3383). Monthly Catalog of United States Government PublicationsMonthly Catalogue, United States Public DocumentsAir Police Law Enforcement OperationsInstallation and Operation Technical Manual for Radio Set AN/PRC-41A, Tactical Wire Operations SpecialistInstallation Instructions for Intercommunication Set, Vehicular AN/VIC-3(V)15, (NSN 5830-041-458-4049) (EIC NA) in an Armored Security VehicleOperator and Organizational Maintenance Manual Including Repair Parts and Special Tools ListsRadio Set AN/PRC-25 (NSN 5820-00-857-0759) (including Receiver-transmitter Radio RT-505/PRC-25) (5820-00-857-0934).Operator, Organizational, Direct Support, and General Support Maintenance ManualReceiving Set, Radio, AN/UUR-69Operator's ManualRadio Set AN/PRC-70 (NSN 5820-01-062-8246).Radio OperatorRadio Teletype OperatorTB 11-5830-263-20-12TB 11-5830-263-20-12Delene Kvasnicka Operating Procedures for Communications Security Equipment TSEC/KY-57 in Manpack Operations Installation and Operation Technical Manual for Radio Set AN/PRC-41A.

MOS 31V Tactical Communications Systems Operator/mechanic Skill Levels 1 and 2

Radio Set AN/PRC-25 (NSN 5820-00-857-0759) (including Receiver-transmitter Radio RT-505/PRC-25) (5820-00-857-0934).

Tactical Communications Systems Operator/mechanic

BOTH MANUALS: Approved for public release; distribution unlimited. DESCRIPTION. This manual contains the complete operating instructions and procedures for UH-60A, UH-60Q, UH-60L, and EH-60A helicopters. The primary mission of this helicopter is that of tactical transport of troops, medical evacuation, cargo, and reconnaissance within the capabilities of the helicopter. The observance of limitations, performance, and weight and balance data provided is mandatory. The observance of procedures is mandatory except when modification is required because of multiple emergencies, adverse weather, terrain, etc. Your flying experience is recognized and therefore, basic flight principles are not included. IT IS REQUIRED THAT THIS MANUAL BE CARRIED IN THE HELICOPTER AT ALL TIMES.

Radio Teletype Operator

Manuals Combined: U.S. Navy SEABEE COMBAT HANDBOOK Volumes 1 & 2, SEABEE OPERATIONS IN THE MAGTF And Seabee Quarry Blasting Operations and Safety Manual

Antenna, Loop AT-784/PRC (NSN 5820-00-086-7651).

Operator's, Organizational, and Direct Support Maintenance Manual for Antenna Group, OE-254/GRC.

Soldier's Manual

Radio Sets AN/VRC-53 (NSN 5820-00-223-7467), AN/VRC-64 (NSN 5820-00-223-7475), AN/GRC-125 (NSN 5820-00-223-7411), and AN/GRC-160 (NSN 5820-00-223-7473), and Amplifier-power Supply Groups OA-3633/GRC and OA-3633A/GRC (NSN 5820-00-973-3383).