

M4 Technical Manual

This is US Army Manual TM 9-1005-319-10, June 2010 CHAPTER 1 GENERAL INFORMATION General Information Equipment Description and Data Location And Description of Major Components Theory of Operation CHAPTER 2 OPERATOR INSTRUCTIONS Description and Use of Operator's Controls and Indicators Operations Under Usual Conditions Operations Under Unusual Conditions Function Check 25 Meter Zeroing Procedures Installation of Equipment CHAPTER 3 OPERATOR TROUBLESHOOTING PROCEDURES Troubleshooting CHAPTER 4 OPERATOR MAINTENANCE INSTRUCTIONS Preventive Maintenance Checks and Services (PMCS) Disassembly Instructions Cleaning Instructions Inspection Instructions Lubrication Instructions Reassembly Instructions CHAPTER 5 AMMUNITION Ammunition CHAPTER 6 SUPPORTING INFORMATION References Components of End Item/Basic Issue Items Additional Authorization Items Expendable/Durable Supplies and Materials Alphabetical Index AIR FORCE TO.11W3-5-5-41 NAVY SW 370-BU-OPI-010 Rev 1

This manual, "Rifle Marksmanship M16-/M4-Series Weapons," provides guidance for planning and executing training on the 5.56-millimeter M16-series rifle (M16A1/A2/A3/A4) and M4 carbine. It is a guide for commanders, leaders, and instructors to develop training programs, plans, and lessons that meet the objectives or intent of the United States Army rifle marksmanship program and FM 7-0. This manual is organized to lead the trainer through the material needed to conduct training during initial entry training (IET) and unit sustainment training. Preliminary subjects include discussion on the weapon's capabilities, mechanical training, and the fundamentals and principles of rifle marksmanship. Live-fire applications are scheduled after the Soldier has demonstrated preliminary skills.

The purpose of this manual is to provide clear and helpful information for maintaining gravel roads. Very little technical help is available to small agencies that are responsible for managing these roads. Gravel road maintenance has traditionally been "more of an art than a science" and very few formal standards exist. This manual contains guidelines to help answer the questions that arise concerning gravel road maintenance such as: What is enough surface crown? What is too much? What causes corrugation? The information is as nontechnical as possible without sacrificing clear guidelines and instructions on how to do the job right.

Unit and Direct Support Maintenance Manual (including Repair Parts and Special Tools List)

U.S. Army Improvised Munitions Handbook
Technical Manual

M16/m4 Operator's Manual

Maintenance Manual M16A2 and M4 Carbine

With Demonstrative Images: Various Types of Trainings Designed for M16A1, M16A2/3, M16A4 & M4 Carbine - Combat Fire Techniques, Night Fire Training, Moving Target Engagement, Short-Range Training...

This armorer's manual covers nomenclature, general usage, cycle of operations, field stripping, complete detailed disassembly, reassembly, troubleshooting, and maintenance of the AR15/M16/M4 series of weapons. This manual is intended for law enforcement and military end users covering maintenance of combat rifles. This manual is not specific to any type of manufacturer but the entire family of weapons. This manual also includes proper gauging for depo level maintenance. This is manual is written by Chris Bartocci, author of Black Rifle II, and armorer instructor. Printed in color.

This field manual provides doctrinal framework for how infantry rifle platoons and squads fight. It also addresses rifle platoon and squad non-combat operations across the spectrum of conflict. Content discussions include principles, tactics, techniques, procedures, terms, and symbols that apply to small unit operations in the current operational environment.

This manual provides guidance for planning and executing training on the 5.56-millimeter M16-series rifle (M16A1/A2/A3/A4) and M4 carbine. It is a guide for commanders, leaders, and instructors to develop training programs, plans, and lessons that meet the objectives or intent of the United States Army rifle marksmanship program and Field Manual 7-0. A Soldier's marksmanship proficiency depends on proper training and application of the basic marksmanship fundamentals. During initial marksmanship training, emphasis is placed on learning the firing fundamentals, which are taught in four phases-preliminary marksmanship instruction (PMI), downrange feedback, field firing, and advanced firing exercises. This prepares Soldiers for advanced optic and laser training for combat-type collective exercises and real-world deployments. This official Field Manual 3-22.9 contains direct corollary information on civilian application of the semi-automatic AR-15 5.56mm weapon platform. CHAPTER 1: Marksmanship Training CHAPTER 2: Weapon Characteristics & Ammunition CHAPTER 3: Trouble Shooting & Destruction CHAPTER 4: Preliminary Marksmanship Instruction CHAPTER 5: Downrange Feedback CHAPTER 6: Field Fire CHAPTER 7: Advanced Rifle Marksmanship CHAPTER 8: Advanced Optics, Lasers, and Iron Sights
1998 Rifle, 5.56mm, M16a2 W/e, M16a3, M16a4, Carbine, 5.56mm, M4 W/E M4a1
TM 9-735 Pershing Heavy Tank T26e3 Technical Manual
Official Field Manual 3-22.9 M16/M4 Series Weapons
(AR-15 Style Military Variants) Clean, Lube, Zero and Troubleshoot the Army Way
37-MM Aircraft Gun Matériel M4
The M16A1 Rifle

The Pershing was the first operational heavy tank of the US Army; originally the T26, the tank was eventually redesignated the M26 Pershing medium tank. Named after General John J. Pershing who led the American Expeditionary Force in Europe in World War I, it was briefly used both in World War II and in the Korean War. Intended as an improvement of the M4 Sherman, the prolonged time of development meant only a small number saw combat in the European theater, most notably the 9th Armored Division's dramatic dash to take the Bridge at Remagen. On December 22nd, 1944, while the battle still raged, the brand new T26E3 tanks were ordered to be deployed to Europe. Twenty were sent in the first shipment, arriving at the port of Antwerp in January of 1945. They were given to the 1st Army, split between the 3rd and 9th Armored Divisions. A total of 310 T26E3 tanks would be sent to Europe before VE Day, but only the first twenty would see any combat action. Created in 1945, this technical manual reveals a great deal about the T26E3's design and capabilities. Intended as a manual for those charged with operation and maintenance, it details many aspects of its engine, cooling, power and other systems. Originally labeled restricted, this manual was declassified long ago and is here reprinted in book form. Care has been taken to preserve the integrity of the text.

The U.S. Army teamed up with cartoonist and graphic artist Will Eisner to produce teaching tools for U.S. soldiers in a medium that they could easily understand. The M16A1 Rifle: Operation and Preventive Maintenance, first printed in 1969, features a female narrator who instructs GIs on the proper care of their AR-15 (military name M16A1) rifles—firearms notorious for jamming and malfunctioning. More than a simple manual and step-by-step guide, this unconventional yet important military document tried to appeal to soldiers with suggestive chapter titles such as "How to Strip Your Baby," "What to Do in a Jam," "Sweet 16," and "All the Way with Négligé." A copy of the thirty-two-page booklet was issued to nearly every soldier serving in Vietnam.

This manual provides operation and maintenance instructions for the M16A2, M16A3, M16A4 Rifles, M4 and M4A1 Carbines. These weapons are lightweight, gas-operated, air-cooled, magazine-fed, shoulder-fired weapons that can be fired in either automatic, three-round bursts, or semiautomatic. The purpose of the weapons is to provide personnel an offensive/defensive capability to engage targets in the field. The adapter rails allows the operator the capability to mount various accessories on to the M16A4 Rifle and the M4/M4A1 Carbines. When a procedure is common to M16 rifle and M4 Carbine, ONLY the M16A2 configuration will be depicted. If a procedure is not common to both -weapons, the procedure will be incorporated and the weapon will be identified. If your weapon is configured with adapter rails, refer to the appropriate appendices in this manual for operation and maintenance procedures for the adapter rails.

Rifle Marksmanship M4 M16 Series

Armorer's Guide

FM 23-9 Rifle Marksmanship

Field Manual FM 3-21. 8 (FM 7-8) the Infantry Rifle Platoon and Squad March 2007

Maintenance and Design Manual

16-inch Seacoast Gun Materiel

M4 Sherman Medium Tank Technical Manual

THE ULTIMATE BENELLI M1014/M4 OWNER'S COMPANION Full-size format: 8.5" x 11" - clear, detailed print and illustrations! Complete & unabridged: 106 pages, 104 illustrations.

Created & trusted by the U.S. Marine Corps' expert armorers. The indispensable guide for every military, law enforcement, home defense and sporting Benelli semi-auto operator.

"Batteries last hours, books last decades. Get the print edition!" Despite the constant evolution of ever-more-modern weapons systems the 12-gauge combat shotgun remains a favorite of infantry and special forces units around the world, particularly valued for its effectiveness in close-quarters battle. Since 1999 the United States Marine Corps has employed the semi-automatic Benelli M1014 (also known as the M4 Super 90) as its shotgun of choice. This durable and reliable weapon enables the Marine to deliver a devastatingly high rate of accurate fire, and replaces various pump-action predecessors. Produced by the Marine Corps and written from hands-on experience in the field, this technical manual provides the operator and armorer with all the information and education required to keep this remarkable firearm in peak working order for the foreseeable future. 106 PAGES, 104 ILLUSTRATIONS - COVERING: Safety - Corrosion Prevention & Control - Equipment Description - Ammunition - Functional Description - Field Stripping - Inspection - Cleaning & Lubrication - Storage & Shipping - Scheduled & Preventative Maintenance - Troubleshooting - Corrective Maintenance - Complete Disassembly & Assembly - Repair Parts & Special Tools Search for 'CARLILE MILITARY LIBRARY' to find more TOP-FLIGHT, SQUARED-AWAY publications for your professional bookshelf! Published in the U.S.A. by CARLILE MEDIA.

THE AUTHORITATIVE M500/M590 HANDBOOK The indispensable technical manual for all Mossberg owners. 155 pages of clear, concise instructions and explanation. Full-size edition -

LARGE 8.5" x 11" FORMAT: clear, detailed text & illustrations. Created and trusted by US military forces Complete & Unabridged. "Batteries last hours, books last decades: get the print edition!" Introduced in 1961, the Mossberg pump-action shotgun family has built a well-deserved reputation as being among the most rugged, reliable firearms in the world and remains a favorite of loyal military, law enforcement, home defense and sporting users alike, with over ten million sold. Created and trusted by the U.S. Army and clearly illustrated throughout, this technical manual provides the owner with all the information required to fully understand, correctly maintain and effectively repair this timeless, dependable weapon - a true American classic. GENERAL: Corrosion Prevention - Preparation for Storage - Abbreviations & Acronyms - Quality of Material - Safety, Care & Handling - Characteristics, Capabilities & Features - Major Components - Equipment Data - Theory of Operation OPERATOR INSTRUCTIONS: Controls & Indicators - Stoppages - Ammunition - Operation Under Unusual Conditions - Troubleshooting - Preventative Maintenance - Field Stripping - Cleaning - Lubrication - Checks UNIT MAINTENANCE: Service - Troubleshooting (Unit) - Preventative Maintenance (Unit) - Maintenance Instructions (500/590, Fore End,

Barrel, Stock, Pistol Grip) DIRECT SUPPORT MAINTENANCE: Troubleshooting (Direct Support) - Maintenance (Direct Support) Instructions (Receiver Assembly, Bolt Assembly) - Illustrated List of Items - Ammunition Care & Usage SUPPORT INFORMATION: References - Repair Parts & Special Tools Lists - Cross Reference Index - Expendable Items List - Alphabetical Index Information purposes only. Proudly published in the U.S.A. by CARLILE MEDIA.

Fm 3-22.9

Technical Manual for 5. 56MM, M16A2, M4 and M4A1 Carbine

Armorer's Manual AR15/M16/M4 Family of Weapons

An insight into the history, development, production, uses, and ownership of the world's most iconic tank

Military Marksmanship All M16 and M4 Series Weapons and Technical Manual for 5. 56MM, M16A2, M4 and M4A1 Carbine

Army TM 9-1005-319-23&p Air Force to 11 W3-5-5-42

Developed as a replacement for the M3 Lee and Grant medium tanks, the M4 Sherman was the first American tank to carry a main gun mounted on a fully traversing turret. Equipped with a gyro-stabilizer that enabled it to fire with reasonable accuracy while moving, the Sherman proved a fair match against the Nazi Panzer III and IV and far superior than its Japanese adversaries. While the German Panther tanks proved to be superior weapons, the mobility and reliability of the Sherman and the sheer number of them produced -- over 50,000 were built during the war -- helped even the odds. The Sherman remained a mainstay after WWII, and saw service in the Arab-Israeli Wars, and in conflicts between India and Pakistan. Intended as a general purpose manual for the platoon leader and crew, this FM 17-76 field manual shows how to achieve efficient execution of mounted and dismounted actions and speed in service of the weapon. Originally restricted, this manual was declassified long ago and is here reprinted in book form to preserve the integrity of the text.

Designed by Allis Chalmers on the chassis and drive train of the M2 Light Tank, the 18-ton M4 High Speed Tractor was a product of the U.S. Army during World War II. It was tasked with moving artillery, in particular 3-inch and 90mm anti-aircraft guns, 155mm and 240mm howitzers. Built as a "crawler" and equipped with a 6-cylinder, water-cooled engine, the M4 could travel cross-country over swamps and sand, or on the highway at speeds up to 33 mph. Over 5,500 M4s were built between 1942 and 1945, with service into the 1960s. Created in 1943, this official TM 9-785 Technical Manual reveals a great deal about the M4's design and operation. Intended as a manual for those charged with operation and maintenance, this manual shows many aspects of its engine, chassis and other systems. Originally labeled restricted, this manual was declassified long ago and is here reprinted in book form to preserve the integrity of the text.

1991 Printing This is the 1991 printing of the M16 maintenance and repair manual. The US Army Technical Manual 9-1005-319-23 covers the M16 rifle and derivatives.

M4 Sherman Medium Tank Technical Manual

Operate Your Rifle Like a Pro – U.S. Army Official Manual

Operator's Manual for Machine Gun 7. 62-mm, M60 and Technical Manual for 5. 56MM, M16A2, M4 and M4A1 Carbine Department of the Army Technical Manual

40-mm Grenade Launcher M203 and Technical Manual for 5. 56MM, M16A2, M4 and M4A1 Carbine

Like The Anarchist Cookbook if it were written by the U.S. Army!

The M4 Sherman medium tank was the first American tank to carry a 75mm main gun mounted on a fully traversing turret. Powered by a 500 horsepower, liquid-cooled, "V"-type Ford engine, the tank could achieve 26 miles per hour on a paved road, and had a highway range of over 150 miles on a single, 174-gallon tank of fuel. Over 50,000 Shermans of various types were built during WWII. Intended as a manual for those charged with operation and maintenance of the M4A3 Sherman, this manual shows the basics of how to drive the tank and take care of its 8-cylinder, liquid-cooled engine. The book also contains chapters on lubrication and inspections. Originally printed in 1942 and labeled restricted, this manual was declassified long ago and is here reprinted in book form. Care has been taken to preserve the integrity of the text.

This manual provides guidance for planning and executing training on the 5.56-mm M16-series rifle (M16A1/A2/A3/A4) and M4 carbine. It is a guide for commanders, leaders, and instructors to develop training programs, plans, and lessons that meet the objectives or intent of the United States Army rifle marksmanship program and FM 7-0 (Training the Force). This manual is organized to lead the trainer through the material needed to conduct training during initial entry training (IET) and unit sustainment training. Preliminary subjects include discussion on the weapons' capabilities, mechanical training, and the fundamentals and principles of rifle marksmanship. Live-fire applications are scheduled after the soldier has demonstrated preliminary skills

TM.

War Department Technical Manual

FM 7-85 Ranger Unit Operations and Technical Manual for 5. 56MM, M16A2, M4 and M4A1 Carbine

Boobytraps U. S. Army Instruction Manual Tactics, Techniques, and Skills Plus Technical Manual for 5. 56MM, M16A2, M4 and M4A1 Carbine

Rifle Marksmanship M16-/M4-series Weapons

U. S. Marine Corps Close Combat Plus Technical Manual for 5. 56MM, M16A2, M4 and M4A1 Carbine

The M4 Sherman can be said to be the tank that won World War II. With almost fifty thousand built during the war, it was America's primary armored fighting vehicle during the war. Thousands of these found their way into the inventories of the British Army and Soviet Red Army as well as other allies. This manual covers the development of the Sherman, the vast array of variants, and the use of the hull and chassis for

other purposes. Also covered is production, anatomy, paintwork, and markings. Information on the M4 in action takes the reader from combat against Rommel's Afrika Korps to Italy, the invasion at Normandy, and the race across France. And it wouldn't be a Haynes manual without practical information about owning, restoring, and maintaining a Sherman tank. Whether you are an armchair General Patton or a serious collector, tips on buying a tank, special tools, handling heavy components, and recommended fluids and lubricants will prove invaluable. This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work was reproduced from the original artifact, and remains as true to the original work as possible. Therefore, you will see the original copyright references, library stamps (as most of these works have been housed in our most important libraries around the world), and other notations in the work. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. As a reproduction of a historical artifact, this work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

This US issue manual is a truly hands on and is the only M4/AR15 book you will ever need. Filled with how to photos and complimented by detailed text, it covers every part right down to the smallest pin. A few of the topics covered are: Disassembly, Assembly, Maintenance, Troubleshooting, Tools Required, Inspection and much more. If you want to understand how the rifle works and how to keep it working this book is an absolute must.

Gun Mk. II M1 : Barbette Carriage M4

Rifle, 5.56mm, M16 (1005-00-856-6885) (EIC:4F7) ; Rifle, 5.56 Mm, M16A1 (1005-00-073-9421) (EIC:4FC).

M4 Sherman Medium Tank Crew Manual

The US Army Pump-Action Combat Shotgun Technical Manual: Mossberg 500 & 590 Operation, Maintenance, Troubleshooting, Disassembly, Assembly & Repair -

Gravel Roads

Tm 9-785 High Speed Tractor M-4 Technical Manual

This illustrated e-book is meticulously edited and formatted to the highest digital standard. It provides detailed and clear guidance for the training on the 5.56-mm M16-rifle series (M16A1/A2/A3/A4) and M4 carbine. The edition offers you the core knowledge, all necessary information and shows the best techniques needed for one to become an exceptional rifleman: Content: Introduction and Training Strategy: Strategy Phases Marksmanship Training Mission-Essential Tasks Training the Trainer Duties of the Instructor-Trainer Trainer Certification Program... Troubleshooting and Destruction: Stoppages Malfunctions Destruction Procedures Preliminary Rifle Instructions: Clearing Cycles of Functioning Modes of Fire Peer Coaching The Four Fundamentals Firing Positions Training Devices and Exercises Downrange Feedback: Grouping Procedures Zeroing Procedures Known-Distance Range Effects of Wind and Gravity Ballistics Field Fire: Locating Marking Range Determination Field-Fire Standards Alternate Qualification Courses... Advanced Rifle Marksmanship: Alternate Prone Firing Position Kneeling Supported Firing Position Standing Firing Position Urban Operations Firing Positions Rapid Semiautomatic Automatic Quick Nuclear, Biological, and Chemical Firing Night Fire Training Unassisted Night Fire Training Training with Artificial Illumination Moving Target Engagement Short-Range Marksmanship Squad Designated Marksman Training ... Characteristics, Ammunitions, and Accessories: Rail Adapter System Rail Grabbers and MILES Training Extender Backup Iron Sight M68, Close-Combat Optic AN/PAQ-4B/C Infrared Aiming Light AN/PEQ-2A Target Pointer/Illuminator/Aiming Light AN/PAS-13 (V2) Medium Thermal Weapon Sight and AN/PAS-13 (V3) Heavy Thermal Weapon AN/PVS-4 Night Vision Sight Advanced Optics, Lasers, and Iron Sight: Training Strategies and Qualification Standards Borelight Back-Up Iron Sight...

This manual provides guidance for planning and executing training on the 5.56-millimeter M16-series rifle (M16A1/A2/A3/A4) and M4 carbine. It is a guide for commanders, leaders, and instructors to develop training programs, plans, and lessons that meet the objectives or intent of the United States Army rifle marksmanship program and FM 7-0. This manual is organized to lead the trainer through the material needed to conduct training during initial entry training (IET) and unit sustainment training. Preliminary subjects include discussion on the weapon's capabilities, mechanical training, and the fundamentals and principles of rifle marksmanship. Live-fire applications are scheduled after the Soldier has demonstrated preliminary skills. Ch1 - Marksmanship Training Ch2 - Weapon Characteristics, Accessories, and Ammunition Ch3 - Troubleshooting and Destruction Ch4 - Preliminary Marksmanship and Mechanical Training Ch5 - Downrange Feedback Ch6 - Field Fire Ch7 - Advanced Rifle Marksmanship Ch8 - Advanced Optics, Lasers, and Iron Sights A - Training Aids, Devices, and Exercises B - Scorecards C - Night Firing D - Range Safety and Risk Management E - Range Procedures and Range Operations Checklist F - 10-Meter Target Offsets and 25-Meter Zero Offsets This manual was revised to include references to new materiel and systems. This revision includes— The new Army total marksmanship training strategy, to include specific strategies for the United States Army Reserve (USAR) and the Army National Guard (ARNG).- Information about the advanced combat optical gunsight (ACOG), the AN/PEQ-15 advanced target pointer/illuminator aiming light (ATPIAL), various thermal sights, and the MK 262 round.- Information about the alternate qualification record fire courses (known distance [KD] record fire, 25-meter scaled target alternate course, 15-meter scaled target alternate course).- Information about the rapid magazine change and barricade transition fire for short-range marksmanship (SRM).- Changes to all of the scorecards.- Updated terminology.

M16a1, M16a2/3, M16a4 and M4 Carbine.

Tm 9-1005-319-10 Operator's Manual for Carbine, 5.56 Mm, M4a1

The Marine Semi-Auto Combat Shotgun Technical Manual: The Complete Benelli M1014/M4 Operations,

Maintenance & Repair Guide - Full Size Edition (TM 106

M4 Carbine, M16A2 W/E

Field Maintenance : 60-mm Mortars M2 and M19, 60-mm Mortar Mount M5, 60-mm Mortar Baseplate M1 ;
81-mm Mortars M1 and M29 ; and 81-mm Mortar and Mounts M4, M23A1, M23A2 and M23A3, 1958
Ordnance Maintenance Sights, M4, M3 (for 60-mm and 81-mm Mortar Matériel); Sights, M2A3, M2A1, M2
(for 81-mm Mortar Matériel) September 12,1941