

FIELD MANUAL

# M16A1 RIFLE AND RIFLE MARKSMANSHIP

HEADQUARTERS, DEPARTMENT OF THE ARMY

**JUNE 1974** 

# **M 16 Marksmanship Manual**

Xiaolong Qi

#### M 16 Marksmanship Manual:

Rifle Marksmanship U.S. Department of the Army, 2018-01-16 Rifle Marksmanship is the newly revised official guide to planning and executing training on the M16 series rifles M16A1 M16A2 M16A3 and M16A4 and M4 carbine This handbook is developed by the US Army for commanders leaders and instructors to help create training programs and materials for soldiers to complete the United States Army rifle marksmanship program It offers a comprehensive guide to the specifics and capabilities of each weapon and an introduction to the fundamentals of marksmanship followed by complete guidance through each of the five stages of rifle marksmanship training Topics covered include Weapon Characteristics Accessories and Ammunition Range Safety and Risk Management Preliminary Marksmanship and Mechanical Training Advanced Optics Lasers and Iron Sights 10 Meter Target Offsets and 25 Meter Zero Offsets Training Aids Devices and Scorecards Replete with information and training materials for learners and instructors this handbook provides the guidance for all shooters whether in combat or in hunting and recreation to operate their rifles with deadly proficiency Rifle Marksmanship Army, Department of the, 2018-01-16 Rifle Marksmanship is the newly revised official guide to planning and executing training on the M16 series rifles M16A1 M16A2 M16A3 and M16A4 and M4 carbine This handbook is developed by the US Army for commanders leaders and instructors to help create training programs and materials for soldiers to complete the United States Army rifle marksmanship program It offers a comprehensive guide to the specifics and capabilities of each weapon and an introduction to the fundamentals of marksmanship followed by complete guidance through each of the five stages of rifle marksmanship training Topics covered include Weapon Characteristics Accessories and Ammunition Range Safety and Risk Management Preliminary Marksmanship and Mechanical Training Advanced Optics Lasers and Iron Sights 10 Meter Target Offsets and 25 Meter Zero Offsets Training Aids Devices and Scorecards Replete with information and training materials for learners and instructors this handbook provides the guidance for all shooters whether in combat or in hunting and recreation to operate their rifles with deadly proficiency Rifle Marksmanship M16-/M4-Series Weapons (FM **3-22. 9)** Department Army, 2012-11-17 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 This manual was revised to include references to new material 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 and Updated terminology \*\*Rifle\*\* Marksmanship M16-/M4-series Weapons\*\* Department of the Army,2017-08-10 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

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cleaning difficulties and reliability problems leading to endless technical refinements This volume provides a technical history of the M16 and the struggle to perfect it together with an assessment of its impact on the battlefield drawing on over a decade s combat experience with the rifle M16/M4 Handbook Erik Lawrence, Mike Pannone, 2015-01-19 The handy to carry and use handbook of rifle knowledge for all owners users of the M16 M4 rifle carbine system Written by two Special Forces instructors and AR builders this handbook includes decades of knowledge of this weapon system. The most up to date explanation of the proper corrections to common malfunctions and how to ensure they don't happen in the future Maintenance inspection training tips and common optics used Field Manual Fm 3-22.9 Rifle Marksmanship M16and M4- Series Weapons W/Change 1 February 10, 2011 US Army United States Government Us Army, 2012-04-14 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 TrainingCh2 Weapon Characteristics Accessories and AmmunitionCh3 Troubleshooting and DestructionCh4 Preliminary Marksmanship and Mechanical TrainingCh5 Downrange FeedbackCh6 Field FireCh7 Advanced Rifle MarksmanshipCh8 Advanced Optics Lasers and Iron SightsA Training Aids Devices and ExercisesB ScorecardsC Night FiringD Range Safety and Risk ManagementE Range Procedures and Range Operations ChecklistF 10 Meter Target Offsets and 25 Meter Zero OffsetsThis 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 FM 23-9 Rifle Marksmanship United States Department of the Army, 2018-05-14 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 The Official US Marine Corps Rifle Marksmanship Handbook U. S. Corps, Us Marine Corps, 2017-07-09 MASTER THE M16 RIFLE M4 CARBINE AND OTHER BLACK RIFLE VARIANTS Current 2017 edition The art of the long gun is at the heart of every Marine for every Marine is first and foremost a rifleman There are no rear echelon Marines as no one is far from the front line during expeditionary operations. Therefore this comprehensive guide contains the distilled wisdom of Marine Corps instructors and sharpshooters over decades designed and proven to hone a student of any ability into a competition ready combat grade marksman on whose skills his comrades may justifiably rely Current edition note this publication supersedes the old pre 2016 MCRP 3 01A 252 PAGES COMPLETE CHECK THE PAGE COUNT Full size edition LARGE 8 5 x 11 FORMAT clear detailed text illustrations The indispensable manual for service personnel civilian contractors law enforcement competition shooters hunters preppers and more Created and trusted by the United States Marine Corps Essential reference for the bookshelf or range bag of any M16 M4 or AR series rifle operator Batteries last hours books last decades Get the print edition The handbook covers THE SERVICE RIFLE ACCESSORIES AMMUNITION BALLISTICS OPERATION MAINTENANCE DISASSEMBLY CLEANING REASSEMBLY FIELD MAINTENANCE IN VARIOUS CLIMATES WEAPONS HANDLING SAFETY PROCEDURES COMMANDS TACTICAL SPEED RELOADS STOPPAGE DRILLS CARRY SLINGS TRANSPORTS FUNDAMENTALS OF MARKSMANSHIP COMBAT OPTICS IRON SIGHTS TRIGGER CONTROL FIRING POSITIONS USE OF SUPPORT EFFECTS OF WEATHER TEMPERATURE PRECIPITATION ZEROING FOR COMBAT OPTIC IRON SIGHTS WINDAGE ELEVATION RULES OFFSET AIMING FOR WINDAGE ELEVATION ENGAGEMENT TECHNIQUES RIFLE PRESENTATION SHOT DELIVERY POST ENGAGEMENT SEARCH ASSESS TECHNIQUE TARGET DETECTION LOCATION RANGE ESTIMATION MULTIPLE TARGET ENGAGEMENT TECHNIQUE ASSESSMENT PRIORITIZATION MOVING TARGET ENGAGEMENT TECHNIQUES LEADING MOVEMENT IN COMBAT LOW LIGHT ENGAGEMENT TECHNIQUES NIGHT VISION ILLUMINATION ACQUIRING TARGETS AT NIGHT NIGHT AIMING DEVICES Introduction Marines are employed across the entire range of military operations including war and other military operations that focus on deterring aggression resolving conflict promoting peace and supporting civil authorities Whenever the situation warrants the application of deadly force the Marine rifleman must be able to deliver well aimed shots to eliminate the adversary Combat ready Marines must be skilled in tactics and proficient in the use of firearms Well trained Marines will have the confidence required to deliver accurate fire under the most adverse battle conditions The Service rifle is the primary tool that an individual Marine uses to obtain dominance over the enemy and neutralize the effects of enemy weapons The Marine Corps Combat Rifle Program progresses the individual Marine from the fundamentals of marksmanship to advanced combat shooting ensuring the ability to masterfully employ the Service rifle under all conditions Find also on Amazon The Official US Marine Corps Pistol Marksmanship Handbook ISBN 1548883468 The Official US Marine

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Adjustments Learn the exact steps for windage and elevation adjustments using both iron sights and optics This manual equips you with practical skills and advanced insights and can help you in pro level competition shooting casual plinking or a self defense situation Gain the confidence and precision required to excel with the M16 M4 and other tactical rifles skills that ensure you can rely on every shot every time Originally written by the USMC this specific product has been reformatted for easier publication It has not been edited in any way for widespread unrestricted unendorsed distribution Rifle Like a Pro - U.S. Army Official Manual U.S. Department of Defense, 2023-12-12 Operate Your Rifle Like a Pro U S Army Official Manual provides a comprehensive guide to weapon proficiency focusing on the nuances of rifle operation crucial for both military personnel and civilian enthusiasts Written in a clear instructional style the manual meticulously outlines techniques for safe handling accuracy and tactical efficiency Embedded within a military framework the content reflects the latest updates in firearms training and operational procedures ensuring relevance within the modern battlefield context while adhering to traditional Army protocols The authorship of this manual lies with the U.S. Department of Defense a body with extensive experience and authority in military training Drawing from decades of evolving combat strategies and technologies the manual encapsulates the ethos of disciplined marksmanship and tactical awareness The insights reflected in the text illustrate the Department's commitment to maintaining operational excellence while adapting to contemporary challenges in warfare and self defense For anyone seeking to enhance their understanding of rifle operations this official manual stands as an indispensable resource It serves not only as a practical guide for skill development but also as an enlightening compendium of military craftsmanship making it a must read for aspiring marksmen and veteran shooters alike

U. S. Army Rifle Marksmanship M16 / M4 U. S. Army,2019-09-07 BEWARE Most other sellers online are selling the Obsolete 2008 Version This is the updated official 2016 TC 3 22 9 which contains hundreds more pages and updated information The printed Rifle Marksmanship Manual for the M16 M4 is in the convenient 6x9 inch format The book contains 271 pages Training Circular TC 3 22 9 provides Soldiers with the critical information for their rifle or carbine and how it functions its capabilities the capabilities of the optics and ammunition and the application of the functional elements of the shot process The book is created trusted and battle tested by the US Armed Forces It should be part of every bug out bag and vehicle and used by preppers hunters climbers campers outdoorspeople hikers and anyone looking to survive natural or man made disasters Contents of Army Rifle Marksmanship Manual include Safety Aiming Devices Mounted Accessories Stable Firing Positions Aiming Considerations Trigger Control Breathing Rifle Operation Malfunction Actions Zeroing the Weapon Ballistics Much Much More Manuals Combined: U.S. Marine Corps Combat Rifle Program Course Instruction Materials And Media , INTRODUCTION 1 GAIN ATTENTION The primary mission of the Marine rifleman is to locate and destroy the enemy by fire and to repel assault by the enemy with fire and close combat The rifle is the Marine s primary means of accomplishing his mission Combatready Marines must be highly proficient in the use of the service rifle and have the

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confidence to deliver accurate fire under the most adverse battle conditions 2 OVERVIEW This lesson will provide an
overview of the Marine Corps Rifle Marksmanship Program and how the five stages of marksmanship training relate to each
other 3 INTRODUCE LEARNING OBJECTIVES This lesson is provided as an overview of the Marine Corps Rifle
Marksmanship Program There are no Terminal or Enabling Learning Objectives for this lesson 4 METHOD This lesson will be
taught in a classroom setting using lecture 5 EVALUATION The Marine will not be tested on the material in this lesson
TRANSITION The Marine Corps Rifle Marksmanship Program consists of five stages of training that progressively teach
reinforce and refine marksmanship skills to a combat ready level Contents by Category Table 1A Instructor Guides and Media
ART 0 Intro to Marine Corp Rifle Marksmanship ART 0 Introduction Media ART 01 Rifle Weapons Handling ART 01 Rifle
Weapons Handling Media ART 1A Weapons Handling Exercise ART 1B Weapons Handling Test ART 02 Rifle Preventive
Maintenance ART 03 Effects of Weather RCO ART 03 Effects of Weather Media ART 04 Zeroing RCO ART 04 Zeroing Media
ART 05 Data Book RCO ART 05 Data Book Media ART 06 Rifle Fundamentals RCO ART 06 Rifle Fundamentals Media ART
07 Positions and Slings RCO ART 07 Positions and Slings Media ART 08 Prone ART 08 Prone Media ART 09 Sitting ART 09
Sitting Media ART 10 Kneeling ART 10 Kneeling Media ART 11 Standing ART 11 Standing Media ART 12 Fundamental
Techniques of Fire RCO ART 13 Range Operations ART 13 Range Operations Media ART 14 Rifle Table 1 ART 14 Rifle Table
1 Media Courses Of Fire TABLE 2 Course Of Fire TABLE 3 UKD DAY Course Of Fire TABLE 4 NIGHT UKD Course Of fire
TABLE 5 SHORT RANGE DAY Course Of Fire TABLE 6 SHORT RANGE NIGHT Course of Fire Tables 2 6 Instructor Guides
and Media 0300 M16 1001 Weapons Handling Procedures With A Service Rifle LP 12 April 2014 0300 M16
1001 Weapons Handling Procedures With A Service Rifle Media 0300 M16
1002 Introduction to the Service Rifle LP April 2014 0300 M16 1002 Introduction to the Service Rifle Media 0300 M16
1003 Corrective Action For The Service Rifle LP April 2014 0300 M16
1003 Corrective Action For The Service Rifle Media 0300 M16 1004 Demonstrate Weapons Carries LP 0300 M16
1004 Demonstrate Weapons Carries Media 0300 M16 1005 Zero a Rifle Combat Optic to a Service Rifle LP 0300 M16
1005 Zero a Rifle Combat Optic to a Service Rifle Media 0300 M16 1006 Demonstrate Basic Combat Rifle Marksmanship
Skills 0300 M16 1006 Demonstrate Basic Combat Rifle Marksmanship skills Media 0300 M16
1007 EXECUTE TABLE 2 BASIC COMBAT RIFLE MARKSMANSHIP EVALUATION V1 1 0300 M16
1007 EXECUTE TABLE 2 BASIC COMBAT RIFLE MARKSMANSHIP EVALUATION V1 1 Media 0300 M16
1008 DEMONSTRATE UNKNOWN DISTANCE THREAT ENGAGEMENT SKILLS DAY 0300 M16
1008 DEMONSTRATE UNKNOWN DISTANCE THREAT ENGAGEMENT SKILLS DAY Media 0300 M16
1009 EXECUTE TABLE 3 ENGAGE THREATS AT UNKNOWN DISTANCES DAY B D 0300 M16
1010 ZERO A MINI INTEGRATED POINTER ILLUMINATOR MODULE 0300 M16
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1010 ZERO A MINI INTEGRATED POINTER ILLUMINATOR MODULE Media 0300 M16 1011 1012 EXECUTE TABLE 4 UNKNOWN DISTANCE THREAT ENGAGEMENT SKILLS NIGHT 0300 M16 1011 1012 EXECUTE TABLE 4 UNKNOWN DISTANCE THREAT ENGAGEMENT SKILLS NIGHT Media 0300 M16 1013 DEMONSTRATE SHORT RANGE ENGAGEMENT SKILLS DAY 0300 M16 1013 DEMONSTRATE SHORT RANGE ENGAGEMENT SKILLS DAY Media 0300 M16 1014 EXECUTE TABLE 5 SHORT RANGE THREAT ENGAGEMENT DAY 0300 M16 1014 EXECUTE TABLE 5 SHORT RANGE THREAT ENGAGEMENT DAY Media 0300 M16 1015 1016 EXECUTE TABLE 6 SHORT RANGE THREAT ENGAGEMENT NIGHT 0300 M16 1015 1016 EXECUTE TABLE 6 SHORT RANGE THREAT ENGAGEMENT NIGHT Media 0300 M16 1017 ENGAGE MOVING THREATS 0300 M16 1017 ENGAGE MOVING THREATS Media Tables 1A 6 Scorecards T1A Evaluation scorecard T1A PIT scorecard T1A Pre Evaluation scorecard T2 revised Evaluation scorecard T2 revised Pre Evaluation scorecard T3 scorecard T4 scorecard T5 scorecard T6 scorecard Tables 2 6 Card Commands and Scripts Revised Table 2 card commands V1 1 Table 3 card commands Table 4 card commands Table 5 card commands Table 6 card Hearings Before the Special Subcommittee on the M-16 Rifle Program of the Committee on Armed Services, commands House of Representatives, Ninetieth Congress, First Session, May 15, 16, 31, June 21, July 25, 26, 27, August 8, 9, and 22, 1967 United States. Congress. House. Committee on Armed Services. Special Subcommittee on the M-16 Rifle Program, 1967 Committee Serial No 19 Examines M 16 rifle production and use and effect of foreign sales upon U S national security

Rifle Marksmanship M4 M16 Series U. S. Army,2014-12-01 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 Marksmanship, McNamara, and the M16 Rifle Thomas L. McNaugher,Rand Corporation,1979 Those who manage the weapons acquisition process are often frustrated by barriers to change posed by

military services which generally prefer buying weapons that perform traditional missions in traditional ways This essay explores the way in which large organizations adapt to innovation by focusing on the U S Army s purchase of the M16 rifle Because the M16 represented a break with the Army s rifle tradition the service resisted Defense Secretary Robert McNamara s efforts to introduce it in 1962 Yet by 1966 the Army standardized the piece replacing the very traditional M14 rifle in the process The essay concludes that this adaptation is best explained by the existence of a declining Army wide consensus concerning the Army s rifle tradition Although policy remained traditional many in the service were unhappy with the M14 McNamara's initial efforts and the M16's performance in Vietnam convinced others of the rifle's utility and this freed the organization from its attachment to tradition

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#### **Table of Contents M 16 Marksmanship Manual**

- 1. Understanding the eBook M 16 Marksmanship Manual
  - The Rise of Digital Reading M 16 Marksmanship Manual
  - Advantages of eBooks Over Traditional Books
- 2. Identifying M 16 Marksmanship Manual
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an M 16 Marksmanship Manual
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from M 16 Marksmanship Manual
  - Personalized Recommendations
  - $\circ\,$  M 16 Marksmanship Manual User Reviews and Ratings
  - M 16 Marksmanship Manual and Bestseller Lists
- 5. Accessing M 16 Marksmanship Manual Free and Paid eBooks
  - M 16 Marksmanship Manual Public Domain eBooks
  - M 16 Marksmanship Manual eBook Subscription Services
  - M 16 Marksmanship Manual Budget-Friendly Options

- 6. Navigating M 16 Marksmanship Manual eBook Formats
  - o ePub, PDF, MOBI, and More
  - M 16 Marksmanship Manual Compatibility with Devices
  - M 16 Marksmanship Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of M 16 Marksmanship Manual
  - Highlighting and Note-Taking M 16 Marksmanship Manual
  - Interactive Elements M 16 Marksmanship Manual
- 8. Staying Engaged with M 16 Marksmanship Manual
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers M 16 Marksmanship Manual
- 9. Balancing eBooks and Physical Books M 16 Marksmanship Manual
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection M 16 Marksmanship Manual
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine M 16 Marksmanship Manual
  - Setting Reading Goals M 16 Marksmanship Manual
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of M 16 Marksmanship Manual
  - Fact-Checking eBook Content of M 16 Marksmanship Manual
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements

• Interactive and Gamified eBooks

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