

# Army Techniques Publication Atp 3 36 Fm 3 36 Electronic Warfare Techniques December 2014

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## **Military Review 2015**

Stuff You Should Know Josh Clark 2020-11-24 From the duo behind the massively successful and award-winning podcast Stuff You Should Know comes an unexpected look at things you thought you knew. Josh Clark and Chuck Bryant started the podcast Stuff You Should Know back in 2008 because they were curious—curious about the world around them, curious about what they might have missed in their formal educations, and curious to dig deeper on stuff they thought they understood. As it turns out, they aren't the only curious ones. They've since amassed a rabid fan base, making Stuff You Should Know one of the most popular podcasts in the world. Armed with their inquisitive natures and a passion for sharing, they uncover the weird, fascinating, delightful, or unexpected elements of a wide variety of topics. The pair have now taken their near-boundless "whys" and "hows" from your earbuds to the pages of a book for the first time—featuring a completely

new array of subjects that they've long wondered about and wanted to explore. Each chapter is further embellished with snappy visual material to allow for rabbit-hole tangents and digressions—including charts, illustrations, sidebars, and footnotes. Follow along as the two dig into the underlying stories of everything from the origin of Murphy beds, to the history of facial hair, to the psychology of being lost. Have you ever wondered about the world around you, and wished to see the magic in everyday things? Come get curious with Stuff You Should Know. With Josh and Chuck as your guide, there's something interesting about everything (...except maybe jackhammers).

**Signal Support to Operations (FM 6-02)** Headquarters Department Of The Army 2019-09-17 Field Manual (FM) 6-02, Signal Support to Operations, is the premier Signal doctrine publication, and only field manual. FM 6-02 compiles Signal Corps doctrine into three chapters with supporting appendices that address network operations in support of mission command and unified land

operations and the specific tactics and procedures associated with organic and nonorganic Signal forces. The fundamental idea of Signal Corps tactics is the employment and ordered arrangement of Signal forces in a supporting role to provide LandWarNet across the range of military operations. The detailed techniques regarding the ways and methods to accomplish the missions, functions or tasks of the Signal Corps indicated in this FM will be addressed in supporting Army techniques publications (ATPs). Army forces operate worldwide and require a secure and reliable communications capability that rapidly adapts to changing demands.

**Cyberspace and Electronic Warfare Operations (FM 3-12)** Headquarters Department of the Army 2019-07-18 Field Manual FM 3-12 (FM 3-38) Cyberspace and Electronic Warfare Operations April 2017 Over the past decade of conflict, the U.S. Army has deployed the most capable communications systems in its history. U.S. forces dominated cyberspace and the electromagnetic spectrum (EMS) in Afghanistan and Iraq against enemies and adversaries lacking the technical capabilities to challenge our superiority in cyberspace. However, regional peers have since demonstrated impressive capabilities in a hybrid operational environment that threaten the Army's dominance in cyberspace and the EMS. The Department of Defense information network-Army (DODIN-A) is an essential warfighting platform foundational to the success of all unified land operations. Effectively operating, securing, and defending this network and associated data is essential to the success of commanders at all echelons. We must anticipate that future enemies and adversaries will persistently attempt to infiltrate, exploit, and degrade access to our networks...

**Army Aviation Maintenance (TC 3-04. 7)** Department of the Army 2012-07-02 Training circular (TC) 3-04.7 outlines requirements concerning aviation maintenance structure, organizations, and functions. The intended audiences are aviation maintenance commanders, leaders, officers, technicians,

noncommissioned officers (NCOs), and aircraft repair and maintenance personnel. TC 3-04.7 applies to all active, Army Army National Guard (ARNG)/Army National Guard of the United States (ARNGUS), United States Army Reserve (USAR), civilian, and contract maintenance personnel unless otherwise stated. Commanders must consider the contents of this document and the particular circumstances in which they find themselves (national military objectives, available forces, threat capabilities, and rules of engagements) when planning maintenance operations. The term 'aircraft' refers to all Army aircraft types (rotary-wing, fixed-wing, and unmanned aircraft systems [UAS]), unless a specific aircraft has been identified in this publication.

**Army Techniques Publication Atp 3-09.12 Field Artillery Target Acquisition July 2015** United States Government US Army 2015-08-06 This publication, Army Techniques Publication ATP 3-09.12 Field Artillery Target Acquisition July 2015, contains the techniques used to employ and manage field artillery (FA) target acquisition systems. It updates and replaces information formerly contained in field manual (FM) 3-09.12 and incorporates emerging techniques on new equipment such as the AN/TPQ-50 and AN/TPQ-53 radars. It also introduces the new Army Structure of the division artillery (DIVARTY) and the field artillery brigade (FAB). The material contained in this Army techniques publication (ATP) applies to all personnel involved in the target acquisition process. The principal audience for ATP 3-09.12 is maneuver commanders and staffs, FA commanders and staffs, and target acquisition personnel. This is a complete revision to Field Manual (FM) 3-09.12, Tactics, Techniques, and Procedures for Field Artillery Target Acquisition, which updates doctrine, techniques, and deletes obsolete information. ATP 3-09.12 contains the fundamental techniques and guidance required for planning, coordinating, and employing FA target acquisition assets. It provides current information on how to train and conduct operations.

It describes the techniques currently being used and known to be effective. The doctrine is consistent with joint, multi-Service, or other Army doctrine. The goal of FA target acquisition is to identify and provide an accurate target location to the supported maneuver commander to allow for immediate counterfire operations against the target. This publication describes current and emerging fires target acquisition systems. Target acquisition systems include the following assets- weapon locating radars (WLR), counterfire operations, and target processing. It explains the techniques for employing radars, counterfire operations, and target processing. This publication describes techniques in non-prescriptive ways to accomplish the mission as stated in the operations order and to employ, maintain, and operate the WLR to locate the enemy indirect weapon systems. ATP 3-09.12 is divided into seven chapters and seven appendices: Chapter 1 Introduction to Field Artillery Target Acquisition. Chapter 2 Counterfire. Chapter 3 Technical Aspects of Weapon Locating Radar Employment. Chapter 4 Employment of Target Acquisition Systems. Chapter 5 AN/TPQ-36/37 Weapon Locating Radar Systems Characteristics. Chapter 6 AN/TPQ-53 Weapon Locating Radar System Characteristics. Chapter 7 AN/TPQ-50 Weapon Locating Radar System Characteristics. Appendix A Automated Target Data Processing. Appendix B Friendly Fire Log. Appendix C Field Exercise Mode and Embedded Training. Appendix D Mask Considerations. Appendix E Support Requirement. Appendix F Tools and Procedures. Appendix G Rocket Artillery Mortar (RAM) Warn

*The Empathetic Soldier* Kevin R. Cutright 2022-02-07 This book shows the contribution that empathy can and should make to the proper conduct of war. US Army doctrine identifies empathy as an essential trait in soldiers; despite this endorsement of senior leaders, empathy's role in the military profession remains obscure. The notion of soldiers empathetically considering others, especially enemies, strikes many as counter to the nature of soldiering.

Additionally, confusion caused by differing definitions of empathy often leads to its complete dismissal. This work clarifies the concept by considering recent philosophical, psychological, and neuroscientific research, and demonstrates the relevance of empathy to the tactical and strategic demands of war.

Empathy amplifies soldiers' understanding of human actors in an operational environment, enables soldiers' critical and creative thinking, and improves their overall intentions, planning, and assessments of a war's progress. While empathy can make soldiers more susceptible to the psychic wound of moral injury, it also helps prevent and overcome this injury. Instead of dismissing it, soldiers should assimilate empathy into their moral frameworks. This book will be of much interest to students of the ethics of war, psychology, and military studies generally.

Foreign Humanitarian Assistance Department of Defense 2019-07-19 Foreign Humanitarian Assistance, Joint Publication 3-29, 14 May 2019 This publication provides fundamental principles and guidance to plan, execute, and assess foreign humanitarian assistance operations. This publication has been prepared under the direction of the Chairman of the Joint Chiefs of Staff (CJCS). It sets forth joint doctrine to govern the activities and performance of the Armed Forces of the United States in joint operations, and it provides considerations for military interaction with governmental and nongovernmental agencies, multinational forces, and other interorganizational partners. Why buy a book you can download for free? We print the paperback book so you don't have to. First you gotta find a good clean (legible) copy and make sure it's the latest version (not always easy). Some documents found on the web are missing some pages or the image quality is so poor, they are difficult to read. If you find a good copy, you could print it using a network printer you share with 100 other people (typically its either out of paper or toner). If it's just a 10-page document, no problem, but if it's 250-pages, you will need to punch 3 holes in all those pages and put it in a 3-ring binder. Takes at least an hour. It's

much more cost-effective to just order the bound paperback from Amazon.com This book includes original commentary which is copyright material. Note that government documents are in the public domain. We print these paperbacks as a service so you don't have to. The books are compact, tightly-bound paperback, full-size (8 1/2 by 11 inches), with large text and glossy covers. 4th Watch Publishing Co. is a HUBZONE SDVOSB. <https://usgovpub.com>

**The Field Artillery Cannon Battery** Department of the Army 2017-08-20 Army Techniques Publication (ATP) 3-09.50, "The Field Artillery Cannon Battery," provides doctrinal guidance for commanders and subordinate leaders who are responsible for conducting cannon battery functions or tasks. It serves as an authoritative reference for personnel responsible for developing: Doctrine (fundamental principles; tactics, techniques, and procedures) material and force Structure, Institution and unit training, Tactical standard operating procedures for cannon battery units.

**U. S. Army Board Study Guide** 2006-06-01

**Military Publications** United States. Department of the Army 1977

[The Engineer](#) 2011

**Army Techniques Publication Atp 3-09.30 Observed Fires September 2017** United States Government Us Army 2018-02 Army Techniques Publication ATP 3-09.30 Observed Fires SEPTEMBER 2017 Army Techniques Publication (ATP) 3-09.30 sets forth the doctrine pertaining to the organization, equipment, mission command, operations, and provides techniques for employing fire support assets as an observer which can be applied within the framework of decisive action or unified land operations. It is applicable to any Army personnel observing for artillery or mortar fires, close air support, army attack aviation, or naval surface fire support. See ATP 3-09.32 for information on close air support, army attack aviation, or naval surface fire support. The principal audience for this publication is FA

commanders, staffs, and personnel at the field artillery brigade (FAB), division artillery (DIVARTY), and brigade combat team (BCT) and separate FA battalions and below. Commanders, staffs, and subordinates ensure that their decisions and actions comply with applicable United States, international, and in some cases host-nation laws and regulations. Commanders at all levels ensure that their Soldiers operate in accordance with the law of war and the rules of engagement (See FM 27-10).

[Army Techniques Publication ATP 3-20.98 Scout Platoon December 2019](#) United States Government Us Army 2019-12-08 This manual, Army Techniques Publication ATP 3-20.98 Scout Platoon December 2019, provides framework and tactical employment principles and techniques for scout platoons of the Cavalry troops in the Armored brigade combat team; the Infantry brigade combat team, mounted and dismounted; the Stryker brigade combat team. ATP 3-20.98 also applies to the scout platoons of the combined arms battalion, the Infantry battalion, and the Stryker Infantry battalion. The principal audiences for ATP 3-20.98 are platoon leaders, platoon sergeants, section sergeants, and squad leaders. It also applies to Cavalry troop and squadron commanders and staff and maneuver battalion commanders and staff responsible for the planning, execution, or support of reconnaissance and security operations as well as instructors charged with teaching reconnaissance and security operations. ATP 3-20.98 uses joint terms where applicable. Selected joint and Army terms and definitions appear in both the glossary and the text. For definitions shown in the text, the term is italicized and the number of the proponent publication follows the definition. ATP 3-20.98 applies to the Active Army, the Army National Guard/Army National Guard of the United States and the United States Army Reserve unless otherwise stated.

[Index of Doctrinal, Training and Organizational Publications](#) United States. Department of the Army 1972-08

Field Manual FM 3-21.8 (FM 7-8) the Infantry Rifle Platoon and Squad

March 2007 Department of the Army 2015-12-31 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.

*Unified Action Partners' Quick Reference Guide* United States Army 2015-09-18 This quick reference guide describes U.S. Army organizations, planning, and operations. Unified action partners (UAPs) are those military forces, of the private sector with whom U.S. Army forces plan, coordinate, synchronize, and integrate during the conduct of operations (Army Doctrine Reference Publication 3-0, Unified Land Operations). UAPs include joint forces (activities in which elements of two or more U.S. military departments participate), multinational forces, and U.S. Government (USG) agencies and departments. The Iraq and Afghanistan wars highlight the necessity for collaboration, cooperation, and synchronization among USG, NGOs, and private sector agencies to focus the elements of national power in achieving national strategic objectives. Our experience in these conflicts accentuates the importance of foreign governments, agencies, and militaries participating, in concert with the United States, to achieve common objectives. Meeting the challenges of complex environments, infused with fragile or failing nation states, non-state actors, pandemics, natural disasters, and limited resources, requires the concerted effort of all instruments of U.S. national power plus foreign governmental agencies, military forces, and civilian organizations.

**Military Strategy, Joint Operations, and Airpower** Ryan Burke 2022 This second edition of Military Strategy, Joint Operations, and Airpower introduces contemporary strategy at the operational level of war. Developed as foundational reading for all US Air Force Academy cadets, this textbook is

designed to close the gap between military theory and practice.

Armed Conflict, Women and Climate Change Jody M. Prescott 2018-11-21

The gender-differentiated and more severe impacts of armed conflict upon women and girls are well recognised by the international community, as demonstrated by UN Security Council Resolution (UNSCR) 1325 on Women, Peace and Security and subsequent resolutions. Similarly, the development community has identified gender-differentiated impacts upon women and girls as a result of the effects of climate change. Current research and analysis has reached no consensus as to any causal relationship between climate change and armed conflict, but certain studies suggest an indirect linkage between climate change effects such as food insecurity and armed conflict. Little research has been conducted on the possible compounding effects that armed conflict and climate change might have on at-risk population groups such as women and girls. *Armed Conflict, Women and Climate Change* explores the intersection of these three areas and allows the reader to better understand how military organisations across the world need to be sensitive to these relationships to be most effective in civilian-centric operations in situations of humanitarian relief, peacekeeping and even armed conflict. This book examines strategy and military doctrine from NATO, the UK, US and Australia, and explores key issues such as displacement, food and energy insecurity, and male out-migration as well as current efforts to incorporate gender considerations in military activities and operations. This innovative book will be of great interest to students and scholars of international relations, international development, international security, sustainability, gender studies and law.

*Theater Army Operations* Department of the Army 2017-08-15 Doctrine provides a military organization with unity of effort and a common philosophy, language, and purpose. This manual, "Theater Army Operations" (FM3-93), discusses the organization and operations of the theater army

headquarters, including its role as the Army Service component command (ASCC) to the geographic combatant commander (GCC) and the relationships between the theater army headquarters and the theater enabling commands. The manual also discusses theater army responsibilities for setting the theater, Title 10 functions and responsibilities, generally referred to as the combatant commander's daily operations requirements, as well as the operational employment of the theater army's contingency command post (CCP) to directly mission command limited types of operations.

**The U.S. Army/Marine Corps Counterinsurgency Field Manual** John A. United States Army 2008-09-15 When the U.S. military invaded Iraq, it lacked a common understanding of the problems inherent in counterinsurgency campaigns. It had neither studied them, nor developed doctrine and tactics to deal with them. It is fair to say that in 2003, most Army officers knew more about the U.S. Civil War than they did about counterinsurgency. The U.S. Army / Marine Corps Counterinsurgency Field Manual was written to fill that void. The result of unprecedented collaboration among top U.S. military experts, scholars, and practitioners in the field, the manual espouses an approach to combat that emphasizes constant adaptation and learning, the importance of decentralized decision-making, the need to understand local politics and customs, and the key role of intelligence in winning the support of the population. The manual also emphasizes the paradoxical and often counterintuitive nature of counterinsurgency operations: sometimes the more you protect your forces, the less secure you are; sometimes the more force you use, the less effective it is; sometimes doing nothing is the best reaction. An new introduction by Sarah Sewall, director of the Carr Center for Human Rights Policy at Harvard's Kennedy School of Government, places the manual in critical and historical perspective, explaining the significance and potential impact of this revolutionary challenge to conventional U.S. military doctrine. An attempt by our military

to redefine itself in the aftermath of 9/11 and the new world of international terrorism, The U.S. Army / Marine Corps Counterinsurgency Field Manual will play a vital role in American military campaigns for years to come. The University of Chicago Press will donate a portion of the proceeds from this book to the Fisher House Foundation, a private-public partnership that supports the families of America's injured servicemen. To learn more about the Fisher House Foundation, visit [www.fisherhouse.org](http://www.fisherhouse.org).

*Ranger Handbook* Department Of The Army 2020-06-29

**Field artillery cannon battalion** United States. Department of the Army 1979

**Electronic Warfare Principles** United States. Department of the Air Force 1962

*Information Collection (FM 3-55)* Headquarters Department Of The Army 2019-08-14 Field Manual (FM) 3-55, Information Collection, provides the tactics and procedures for information collection and the associated activities of planning requirements and assessing collection, tasking, and directing information collection assets. It also contains the actions taken by the commanders and staffs in planning, preparing, executing, and assessing information collection activities. As the Army fields new formations and equipment with inherent and organic information collection capabilities, it needs a doctrinal foundation to ensure proper integration and use to maximize capabilities. The principal audience for FM 3-55 is all members of the profession of arms. Commanders and staffs of Army headquarters serving as joint task force or multinational headquarters should also refer to applicable joint or multinational doctrine concerning the range of military operations and joint or multinational forces. Trainers and educators throughout the Army will also use this manual.

**Handbook for Tactical Operations in the Information Environment** Michael Schwille 2021-10-04 With its quick-reference format and series of illustrative vignettes, this handbook facilitates problem-solving and highlights how early-

career officers in tactical units can contribute to operations in the information environment.

**The Targeting Process (FM 3-60 / 6-20-10)** Department Army 2012-12-09

This publication (Field Manual [FM] 3-60, The Targeting Process) describes the targeting process used by the United States Army. The FM 3-60 is descriptive and not prescriptive in nature. This manual has applicability in any theater of operations. The manual offers considerations for commanders and staffers in preparing for challenges with targeting, yet it is flexible enough to adapt to dynamic situation. FM 3-60 replaces FM 6-20-10, Tactics, Techniques, and Procedures for the Targeting Process. The development and research of FM 3-60 parallels similar ongoing efforts by other Army proponents to develop their own supporting branch doctrine and tactics, techniques, and procedures for the division, support brigades, brigade combat teams, and subordinate elements.

**Urban Operations** U. S. Department of the Army 2013-01-17 Doctrine provides a military organization with a common philosophy, a language, a purpose, and unity of effort. Rather than establishing a set of hard and fast rules, the objective of doctrine is to foster initiative and creative thinking. To this end, FM 3-06 discusses major Army operations in an urban environment. This environment, consisting of complex terrain, a concentrated population, and an infrastructure of systems, is an operational environment in which Army forces will operate. In the future, it may be the predominant operational environment. Each urban operation is unique and will differ because of the multitude of combinations presented by the threat, the urban area itself, the major operation of which it may be part (or the focus), and the fluidity of societal and geopolitical considerations. Therefore, there will always exist an innate tension between Army doctrine, the actual context of the urban operation, and future realities. Commanders must strike the proper balance between maintaining the capability to respond to current threats and

preparing for future challenges. This manual provides the analytical tools for evaluating an urban operation to determine if the operation is necessary for overall mission success. It also provides the means to understanding and determining the impacts of the urban environment on military operations and provides information on managing, taking advantage of, and mitigating the effects of those impacts as appropriate. As such, this manual demonstrates how to apply the doctrinal principles in FM 3-0 to this unique environment.

**Utility and Cargo Helicopter Operations (FM 3-04. 113)** Department of the Army 2012-12-01 Field manual (FM) 3-04.113, “Utility and Cargo Helicopter Operations,” is intended for use by commanders, staffs, and United States (U.S.) military personnel expecting to operate and employ Army aviation assault and/or general support (GS) helicopter units. This FM is the Army’s doctrine for how to fight and sustain assault helicopter battalions (AHBs) and general support aviation battalions (GSABs). The operational concepts described in this manual are based on Army doctrine as established in FM 1, FM 3-0, and FM 3-04.111. Emphasis is placed on modular force structure and the enhanced operational capability provided by Army aviation transformation. FM 3-04.113 applies to regular Army and reserve component units. It builds on collective knowledge and experience gained through recent operations, numerous exercises, and the deliberate process of informed reasoning. This publication is rooted in time-tested principles and fundamentals, while accommodating new technologies, and evolving responses to the diverse threats to our national security. This manual also assists Army proponent schools in teaching utility and cargo helicopter operations. FM 3-04.113 lays out the “how-to” of assault and GS helicopter organizations, missions, command and control (C2), tactical employment, and sustainment. It describes the responsibilities and duties of key personnel during training, operations, and combat. This manual is authoritative but not considered inflexible. Each situation in combat must be resolved by an intelligent interpretation and application of the doctrine set

forth herein. Standardized battalion and company operations are necessary for effective employment of aviation battalion task forces (ABTFs). To this end, like companies should follow similar operational and employment procedures. Finally, FM 3-04.113 furnishes a foundation for assault and GS helicopter doctrine, force design, materiel acquisition, professional education, and individual and unit training.

Field Artillery Manual Cannon Gunnery Department of the Army 2017-08-19 Training Circular (TC) 3-09.81, "Field Artillery Manual Cannon Gunnery," sets forth the doctrine pertaining to the employment of artillery fires. It explains all aspects of the manual cannon gunnery problem and presents a practical application of the science of ballistics. It includes step-by-step instructions for manually solving the gunnery problem which can be applied within the framework of decisive action or unified land operations. It is applicable to any Army personnel at the battalion or battery responsible to delivered field artillery fires. The principal audience for ATP 3-09.42 is all members of the Profession of Arms. This includes field artillery Soldiers and combined arms chain of command field and company grade officers, middle-grade and senior noncommissioned officers (NCO), and battalion and squadron command groups and staffs. This manual also provides guidance for division and corps leaders and staffs in training for and employment of the BCT in decisive action. This publication may also be used by other Army organizations to assist in their planning for support of battalions. This manual builds on the collective knowledge and experience gained through recent operations, numerous exercises, and the deliberate process of informed reasoning. It is rooted in time-tested principles and fundamentals, while accommodating new technologies and diverse threats to national security.

Army Techniques Publication Atp 3-36 (FM 3-36) Electronic Warfare Techniques December 2014 United States Government US Army 2015-06-15  
Army Techniques Publication ATP 3-36 (FM 3-36) Electronic Warfare

Techniques December 2014 provides techniques for the application of electronic warfare in unified land operations. ATP 3-36 expands the discussion of the role of electronic warfare in cyber electromagnetic activities started in FM 3-38. The principal audience for ATP 3-36 is all members of the profession of arms. Commanders and staffs of Army headquarters serving as joint task force or multinational headquarters should also refer to applicable joint or multinational doctrine concerning the range of military operations and joint or multinational forces. Trainers and educators throughout the Army will also use this publication. ATP 3-36 expands upon electronic warfare tasks, their role in unified land operations, and considerations specific to electronic warfare. It contains five chapters and three appendixes. Chapter 1 provides a brief description of the three divisions of electronic warfare, describes the key personnel involved in planning and coordinating electronic warfare, explains its relationship to cyber electromagnetic activities, and concludes with electronic warfare contributions to the integrating processes and continuing activities. Chapter 2 discusses the operations process and applying electronic warfare considerations. It provides guidance on preparing the electronic warfare running estimate. Chapter 3 addresses electronic warfare preparation, execution, and assessment. More detailed information is provided on the joint restricted frequency list, airborne electronic attack, and electromagnetic interference considerations. Chapter 4 looks at coordinating electronic warfare through the targeting process. Chapter 5 introduces joint and multinational electronic warfare staff structures and organizations, as well as, unique information security considerations when working with multinational organizations. Appendix A discusses electronic warfare forms and message formats. Appendix B provides information on calculating jammer effectiveness. Appendix C describes electronic warfare equipment used by each of the Services.

**ATP 3-09.30 Observed Fires (September 2017)** Army Publishing Directorate

2020-08-15 This publication supersedes ATP 3-09.30, Observed Fires dated 12 August 2013. Army Techniques Publication (ATP) 3-09.30 sets forth the doctrine pertaining to the organization, equipment, mission command, operations, and provides techniques for employing fire support assets as an observer which can be applied within the framework of decisive action or unified land operations. It is applicable to any Army personnel observing for artillery or mortar fires, close air support, army attack aviation, or naval surface fire support. See ATP 3-09.32 for information on close air support, army attack aviation, or naval surface fire support. The principal audience for this publication is FA commanders, staffs, and personnel at the field artillery brigade (FAB), division artillery (DIVARTY), and brigade combat team (BCT) and separate FA battalions and below.

**The Infantry Weapons Company** Department of the Army 2017-08-10 This field manual, "The Infantry Weapons Company," (FM 3-21.12) provides a doctrinal framework for the Infantry weapons company assigned to Infantry battalions in an Infantry brigade combat team (IBCT). It is a companion to FM 3-21.10, The Infantry Rifle Company, much of which applies to the Infantry weapons company and as such will not be repeated herein. This manual will discuss on the unique characteristics of the Infantry weapons company, including principles, tactics, techniques, procedures, and terms and symbols. It will also cover what the Infantry weapons company brings to the Infantry battalion and the battlefield. Among topics covered in FM 3-21.10 but omitted here are the characteristics and fundamentals of urban operations, risk management and fratricide avoidance, heavy and Stryker unit employment, sniper employment, improvised explosive devices, operations in a chemical, biological, radiological, and nuclear (CBRN) environment, media considerations, pattern analysis, and situational understanding. It focuses on the employment of the Infantry weapons company while fighting as a pure company or combined arms team under the command of an Infantry weapons

company commander. This framework will help Infantry weapons company leaders effectively--Exploit weapons company-unique capabilities; Employ the company using unit weapon fundamentals; Reduce the vulnerability of the unit; Plan and conduct full-spectrum operations; Accomplish missions in various tactical situations, from stability and civil support to high-intensity combat; Win on the battlefield.

*Map Reading and Land Navigation* Department of the Army 2015-12-31 The field manual provides a standardized source document for Army-wide reference on map reading and land navigation. It applies to every soldier in the army regardless of service branch, MOS, or rank. This manual also contains both doctrine and training guidance on map reading and land navigation. Part One addresses map reading and Part Two, land navigation. The appendices include an introduction to orienteering and a discussion of several devices that can assist the soldier in land navigation. For soldiers, hunters, climbers, and hikers alike, this is the definitive guide to map reading and navigation.

**The Infantry Rifle Platoon and Squad (FM 3-21. 8 / 7-8)** Department of the Army 2015-12-31 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.

*Protection (ADP 3-37)* Headquarters Department of the Army 2019-10-09 ADP 3-37 Protection provides guidance on protection and the protection warfighting function. It establishes the protection principles for commanders and staffs who are responsible for planning and executing protection in support of unified land operations. The synchronization and integration of protection tasks enable commanders to safeguard bases, secure routes, and protect forces. The principal audience for ADP 3-37 is commanders and staffs.

Commanders and staffs of Army headquarters serving as joint task force or multinational headquarters should also refer to applicable joint or multinational doctrine concerning the range of military operations and joint or multinational forces. In addition, trainers and educators throughout the Army will use this manual as a doctrinal reference for protection. Protection is the preservation of the effectiveness and survivability of mission-related military and nonmilitary personnel, equipment, facilities, information, and infrastructure deployed...

[Index of Training Publications](#) United States. Department of the Army

**Unit Field Sanitation Team** Department of the Army 2002-01-25 The purpose of this field manual (FM) is to provide doctrine and training procedures for unit field sanitation teams (FST). In addition, a training program in the application of personal protective measures (PPM) is included for personnel appointed as members of the FST for each company, troop, or battery. This publication contains a proposed 20-hour master training schedule which may be adjusted as necessary; a text that may serve as reference material for the FST instructor; and supporting illustrations for the instructors assigned the training task. This publication provides guidance to the commanders, unit leaders, and soldiers for implementing unit field sanitation and preventive medicine (PVNTMED) measures in the field. This publication is written to further aid the commander and his unit leaders in the continuing effort of reducing the disease and nonbattle injury (DNBI) rates during deployments. This publication provides information on PPM for the unit FST on applying unit-level PPM.

*Army Techniques Publication Atp 3-21.8 Infantry Platoon and Squad April 2016* United States Government US Army 2016-05-23 This publication, Army Techniques Publication ATP 3-21.8 Infantry Platoon and Squad April 2016, provides the doctrinal framework for all Infantry platoons and squads. It provides techniques for employment of Infantry platoons and squads in

conducting decisive actions. The principle audiences for ATP 3-21.8 are commanders, staffs, and leaders who are responsible for planning, preparing, executing, and assessing operations of the Infantry platoon and squad. It serves as an authoritative reference for personnel developing doctrine materiel and force structure, institutional and unit training, and standard operating procedures (SOPs) for Infantry platoon and squad operations. Army Techniques Publication (ATP) 3-21.8 encompasses techniques for the Infantry platoons and squads of the Infantry, Stryker, and Armored brigade combat teams (I, S, and ABCTs). It replaces Field Manual (FM) 3-21.8, published in March 2007, Army Tactics Techniques, and Procedures (ATTP) 3-21.71, published in November 2010, and ATTP 3-21.9, published in December 2010. ATP 3-21.8 provides doctrinal guidance; describes relationships within the platoon and squad; defines organizational roles and functions, capabilities, limitations; and lay outs the responsibilities for platoons and squads during unified land operations. The Infantry platoon and squad is an all-weather, all-terrain unit. Against this backdrop, the Infantry platoon and squad must be ready to adapt to various levels of conflict and peace in various environments. This requires bold, aggressive, resourceful, and adaptive leaders- leaders of character, competence and commitment - who are willing to accept known risks to accomplish the mission. Infantry leaders must use their initiative and make rapid decisions to take advantage of unexpected opportunities. This publication addresses the significant changes in Army doctrinal terminology, concepts, and constructs and proven tactics, techniques, and procedures (TTPs): Chapter 1 - Organization Chapter 2 - Offense Chapter 3 - Defense Chapter 4 - Stability Chapter 5 - Movement Chapter 6 - Patrols and Patrolling Chapter 7 - Sustainment Appendix A describes the process of troop leading procedures (TLPs). Appendix B describes direct fire planning and control. Appendix C describes indirect fire support planning. Appendix D addresses security. Appendix E describes vehicle employment considerations. Appendix

F addresses machine gun employment. Appendix G describes and addresses shoulder-launched munitions (SLMs) and close combat missile systems (CCMS). Appendix H describes obstacle reduction and employment. Appendix I covers chemical, biological, radiological, and nuclear (CBRN) operations. Appendix J describes 14 selected battle drills for both the Bradley and Stryker. ATP 3-21.8 applies to the active Army, the U.S. Army National Guard, Army National Guard of the U.S., and the U.S. Army Reserve unless

otherwise stated. It is designed for platoon, squad and company level chains of command, company grade officers, senior and junior noncommissioned officers (NCOs), U.S. Army Training and Doctrine Command (TRADOC) institutions and components, and the U.S. Army Special Operations Command.

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