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FRATRICIDE IN BATTLE

(UN)FRIENDLY FIRE

[Bloomsbury Publishing](#) Fratricide, or 'Friendly Fire', is a persistent and unwelcome feature in war. Can it be avoided? How can it be properly understood? Beginning with a historical analysis, Fratricide in Battle examines all aspects of the problem, covering both human and technical factors, before looking at a range of measures currently in use to tackle the issue. Charles Kirke brings together an international group of experts in the field, from both military and academic backgrounds, to provide a thorough examination of this crucial subject. Taken together, their contributions offer a comprehensive understanding of fratricide in its historical context and suggest important lessons for future generations.

DEPARTMENT OF DEFENSE DICTIONARY OF MILITARY AND ASSOCIATED TERMS

JOINT PUBLICATION (JP) 3-0

JOINT OPERATIONS

This revised edition of Joint Publication 3-0, Joint Operations , reflects the current guidance for conducting joint activities across the range of military operations and is the basis for US participation in multinational operations where the US has not ratified specific doctrine or procedures. This keystone publication forms the core of joint warfighting doctrine and establishes the framework for our forces' ability to fight as a joint team. Often called the "linchpin" of the joint doctrine publication hierarchy, the overarching constructs and principles contained in this publication provide a common perspective from which to plan and execute joint operations independently or in cooperation with our multinational partners, other US Government departments and agencies, and international and nongovernmental organizations.

FIELD ARTILLERY

COUNTERLAND OPERATIONS

[CreateSpace](#) In war, defeating an enemy's force is often a necessary step on the path to victory. Defeating enemy armies is a difficult task that often comes with a high price tag in terms of blood and treasure. With its inherent speed, range, and flexibility, air and space power offers a way to lower that risk by providing commanders a synergistic tool that can provide a degree of control over the surface environment and render enemy forces ineffective before they meet friendly land forces. Modern air and space power directly affects an adversary's ability to initiate, conduct, and sustain ground combat.

ARMY FIRES CAPABILITIES FOR 2025 AND BEYOND

To assist the Army in its reorientation toward conventional combat operations, the authors of this report identify capability gaps in the field artillery and actions that the Army should consider taking from today to roughly 2030.

SYNCHRONIZING AIRPOWER AND FIREPOWER IN THE DEEP BATTLE

[Pickle Partners Publishing](#) In this award-winning study on Synchronizing Airpower and Firepower in the Deep Battle, Lt.-Col. R. Kent Lauchbaum argues that current joint doctrine does not provide sufficient and acceptable guidance for synchronizing Air Force and Army deep operations. To improve such synchronization, Colonel Lauchbaum proposes five modifications to current joint doctrine.

JOINT FORCE QUARTERLY

JFQ.

LEARNING LARGE LESSONS

THE EVOLVING ROLES OF GROUND POWER AND AIR POWER IN THE POST-COLD WAR ERA

[Rand Corporation](#) The relative roles of U.S. ground and air power have shifted since the end of the Cold War. At the level of major operations and campaigns, the Air Force has proved capable of and committed to performing deep strike operations, which the Army long had believed the Air Force could not reliably accomplish. If air power can largely supplant Army systems in deep operations, the implications for both joint doctrine and service capabilities would be significant. To assess the shift of these roles, the author of this report analyzed post-Cold War conflicts in Iraq (1991), Bosnia (1995), Kosovo (1999), Afghanistan (2001), and Iraq (2003). Because joint doctrine frequently reflects a consensus view rather than a truly integrated joint perspective, the author recommends that joint doctrine and the processes by which it is derived and promulgated-be overhauled. The author also recommends reform for the services beyond major operations and campaigns to ensure that the United States attains its strategic objectives. This revised edition includes updates and an index.

JOINT URBAN 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 provides the doctrinal basis for interagency coordination and for US military involvement in multinational operations. It provides military guidance for the exercise of authority by combatant commanders and other joint force commanders (JFCs) and prescribes joint doctrine for operations, education, and training. It provides military guidance for use by the Armed Forces in preparing their appropriate plans. It is not the intent of this publication to restrict the authority of the JFC from organizing the force and executing the mission in a manner the JFC

deems most appropriate to ensure unity of effort in the accomplishment of the overall objective.

FROM ACTIVE DEFENSE TO AIRLAND BATTLE

THE DEVELOPMENT OF ARMY DOCTRINE, 1973-1982

JOINT DOCTRINE FOR BARRIERS, OBSTACLES, AND MINE WARFARE

MULTIPLE DILEMMAS

CHALLENGES AND OPTIONS FOR ALL-DOMAIN COMMAND AND CONTROL

The authors examine potential command-and-control impediments to multidomain operations and propose alternative models for joint all-domain command and control.

JOINT TRAINING MANUAL FOR THE ARMED FORCES OF THE UNITED STATES

BATTLEFIELD OF THE FUTURE - 21ST CENTURY WARFARE ISSUES

[CreateSpace](#) This is a book about strategy and war fighting. It contains 11 essays which examine topics such as military operations against a well-armed rogue state, the potential of parallel warfare strategy for different kinds of states, the revolutionary potential of information warfare, the lethal possibilities of biological warfare and the elements of an ongoing revolution in military affairs. The purpose of the book is to focus attention on the operational problems, enemy strategies and threat that will confront U.S. national security decision makers in the twenty-first century.

PRECEPTS AND JUDGMENTS

OPERATION ANACONDA: LESSONS FOR JOINT OPERATIONS

[CreateSpace](#) Operation Anaconda, conducted in the Shahikot Valley of Afghanistan during early March 2002, was a complex battle fought in rugged mountainous terrain under difficult conditions. The battle ended as an American victory at the cost of eight U.S. military personnel killed and more than 50 wounded. But the difficult early stages of the battle provide insights for thinking about how to organize, train, and equip U.S. forces for future joint expeditionary operations and how to pursue transformation.

ARCHITECTURE AND PRINCIPLES OF SYSTEMS ENGINEERING

[CRC Press](#) The rapid evolution of technical capabilities in the systems engineering (SE) community requires constant clarification of how to answer the following questions: What is Systems Architecture? How does it relate to Systems Engineering? What is the role of a Systems Architect? How should Systems Architecture be practiced? A perpetual reassessment of concepts and practices is taking place across various systems disciplines at every level in the SE community. Architecture and Principles of Systems Engineering addresses these integral issues and prepares you for changes that will be occurring for years to come. With their simplified discussion of SE, the authors avoid an overly broad analysis of concepts and terminology. Applying their substantial experience in the academic, government, and commercial R&D sectors, this book is organized into detailed sections on: Foundations of Architecture and Systems Engineering Modeling Languages, Frameworks, and Graphical Tools Using Architecture Models in Systems Analysis and Design Aerospace and Defense Systems Engineering Describing ways to improve methods of reasoning and thinking about architecture and systems, the text integrates concepts, standards, and terminologies that embody emerging model-based approaches but remain rooted in the long-standing practices of engineering, science, and mathematics. With an emphasis on maintaining conceptual integrity in system design, this text describes succinct practical approaches that can be applied to the vast array of issues that readers must resolve on a regular basis. An exploration of the important questions above, this book presents the authors' invaluable experience and insights regarding the path to the future, based on what they have seen work through the power of model-based approaches to architecture and systems engineering.

JOINT FIRES AND TARGETING HANDBOOK

[CreateSpace](#) The fires function and targeting process continues to mature at an accelerated pace as joint, coalition, and supporting forces remain engaged in on-going, high-tempo operations. These continuing operations reinforce the need for knowledgeable and efficient planners, targeteers, and weaponeers. Emerging technologies and joint warfighter experiences combine to turn lessons learned into improved and new joint fires and targeting planning, execution, and assessment best practices. Many of these innovative procedures are recognized by the joint community, but they are not yet approved joint doctrine. This handbook was developed to ensure commonly accepted best practices for planning, executing, and assessing joint fires and targeting are documented. While this handbook does contain extracts from many doctrinal publications, it is not approved joint doctrine, but serves as an important pre-doctrinal product that will aid its refinement. United States Joint Forces Command developed this handbook for combatant commanders, subordinate joint force commanders, joint force staff members, and first tactical echelon personnel.

URBAN OPERATIONS

FM 3-06: US ARMY FIELD MANUAL 3-06

[CreateSpace](#) 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.

DEFENDING AIR BASES IN AN AGE OF INSURGENCY

[Military Bookshop](#) This anthology discusses the converging operational issues of air base defense and counterinsurgency. It explores the diverse challenges associated with defending air assets and joint personnel in a counterinsurgency environment. The authors are primarily Air Force officers from security forces, intelligence, and the office of special investigations, but works are included from a US Air Force pilot and a Canadian air force officer. The authors examine lessons from Vietnam, Iraq, Afghanistan, and other conflicts as they relate to securing air bases and sustaining air operations in a high-threat counterinsurgency environment. The essays review the capabilities, doctrine, tactics, and training needed in base defense operations and recommend ways in which to build a strong,

synchronized ground defense partnership with joint and combined forces. The authors offer recommendations on the development of combat leaders with the depth of knowledge, tactical and operational skill sets, and counterinsurgency mind set necessary to be effective in the modern asymmetric battlefield.

FIELD ARTILLERY CANNON BATTALION

FIRE SUPPORT COORDINATION IN THE GROUND COMBAT ELEMENT

CreateSpace Marine Corps Warfighting Publication (MCWP) 3-16, Fire Support Coordination in the Ground Combat Element, is a framework for coordinating and employing supporting arms in consonance with maneuver elements.

FIELD ARTILLERY OPERATIONS AND FIRE SUPPORT (FM 3-09)

Lulu.com Field Manual FM 3-09 Field Artillery Operations, provides tactics for field artillery operations and fire support in unified land operations. The principal audience for FM 3-09 is all 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 relationships with joint or multinational forces. Trainers and educators throughout the Army will also use this manual. Commanders, staffs, and subordinates ensure their decisions and actions comply with applicable United States (U.S.), international, and, in some cases, host-nation laws and regulations. Commanders at all levels ensure their Soldiers operate in accordance with the law of war and established rules of engagement. See FM 27-10. FM 3-09 implements standardization agreements (STANAG) 2484 and 3680.

MISSION COMMAND IN THE DIVISION AND CORPS SUPPORT AREA - HANDBOOK (LESSONS AND BEST PRACTICES)

Lulu.com During warfighter exercises, it had become apparent that division and corps commanders were challenged with mission command of forces in their support areas. The commander of United States Army Forces Command directed commanders to establish a support area command post (SACP) to improve mission command. The Army's new Field Manual (FM) 3-0, Operations (06 OCT 2017), incorporates this guidance by modifying the geographical organization of an area of operations. FM 3-0 scales down the size of the support area and adds a consolidation area. The consolidation area will be assigned to a maneuver brigade or division. This enables the maneuver enhancement brigade (MEB) to perform its traditional mission and focus efforts on operations in the support area. FM 3-0 formalizes the requirement for divisions and corps to establish a SACP (its doctrinal name, which is used throughout this handbook) to assist in controlling operations in the support and consolidation areas.

WARFIGHTING

MCDP 1

Vigeo Press The manual describes the general strategy for the U.S. Marines but it is beneficial for not only every Marine to read but concepts on leadership can be gathered to lead a business to a family. If you want to see what make Marines so effective this book is a good place to start.

DOCTRINE

GENERAL MILITARY REVIEW

ADP 3-90 OFFENSE AND DEFENSE

ADP 3-90 augments the land operations doctrine established in ADRP 3-0 and FM 3-0. ADP 3-90 provides guidance in the form of combat tested concepts and ideas modified to exploit emerging Army and joint offensive and defensive capabilities. It provides additional information on the basic concepts and control measures associated with the art and science of tactics. ADP 3-90 provides the doctrine for the conduct of offensive and defensive tasks just as ADRP 3-07 provides doctrine for the conduct of stability tasks and ADRP 3-28 provides the doctrine for the defense support of civil authorities elements of decisive action. ADP 3-90 focuses on the organization of forces, minimum essential control measures, and general planning, preparation, and execution considerations for each primary offensive and defensive task. It is the common reference for all students of the art and science of tactics. Echelon-specific Army techniques publications address how each tactical echelon employs these tactical concepts.

THE U.S. ARMY/MARINE CORPS COUNTERINSURGENCY FIELD MANUAL

University of Chicago Press 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. A 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.

GENERAL KENNEY REPORTS: A PERSONAL HISTORY OF THE PACIFIC WAR

DIANE Publishing

IMPROVING C2 AND SITUATIONAL AWARENESS FOR OPERATIONS IN AND THROUGH THE INFORMATION ENVIRONMENT

Every military activity has informational aspects, but the information environment (IE) is not well integrated into military planning, doctrine, or processes. Better understanding of the IE will improve command and control and situational awareness.

REALIZING THE POTENTIAL OF C4I

FUNDAMENTAL CHALLENGES

National Academies Press Rapid progress in information and communications technologies is dramatically enhancing the strategic role of information, positioning effective exploitation of these technology advances as a critical success factor in military affairs. These technology advances are drivers and enablers for the "nervous system" of the military—its command, control, communications, computers, and intelligence (C4I) systems—to more effectively use the "muscle" side of the military. Authored by a committee of experts

drawn equally from the military and commercial sectors, *Realizing the Potential of C4I* identifies three major areas as fundamental challenges to the full Department of Defense (DOD) exploitation of C4I technology—information systems security, interoperability, and various aspects of DOD process and culture. The book details principles by which to assess DOD efforts in these areas over the long term and provides specific, more immediately actionable recommendations. Although DOD is the focus of this book, the principles and issues presented are also relevant to interoperability, architecture, and security challenges faced by government as a whole and by large, complex public and private enterprises across the economy.

OPERATION IRAQI FREEDOM

DECISIVE WAR, ELUSIVE PEACE

[Rand Corporation](#) Summarizes a classified five-volume report on the planning and execution of operations in Operation IRAQI FREEDOM through June 2004. Recommends changes to Army plans, operational concepts, doctrine, and Title 10 functions.

JOINT DOCTRINE FOR OPERATIONS SECURITY

DEPARTMENT OF DEFENSE APPROPRIATIONS FOR 2000: SECRETARY OF DEFENSE AND CHAIRMAN, JOINT CHIEFS OF STAFF

THE 31 INITIATIVES: A STUDY IN AIR FORCE - ARMY COOPERATION

[CreateSpace](#) Throughout U.S. military history, the establishment has worked to integrate air power into its doctrine, strategy, force structure, and tactics in order to maximize the nation's security. This study highlights one aspect of this process - providing the most potent mix of army and air forces to prosecute ground warfare. It also illustrates the impediments of joint action created by the services' separate organizations and distinctive doctrine. Office of Air Force History, United States Air Force.

THE FUTURE BATTLEFIELD

OPERATIONAL TERMS AND GRAPHICS

FM 1-02 / FM 101-5-1 / C1 / MCRP 5-12A

[Createspace Independent Publishing Platform](#) This manual is a dual-Service US Army and US Marine Corps publication introducing new terms and definitions and updating existing definitions as reflected in the latest editions of Army field manuals and Marine Corps doctrinal, warfighting, and reference publications. It complies with DOD Military Standard 2525. When communicating instructions to subordinate units, commanders and staffs from company through corps should use this manual as a dictionary of operational terms and military graphics.

INFORMATION COLLECTION (FM 3-55)

[Lulu.com](#) 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.

FM 3-13 INFORMATION OPERATIONS

Information operations (IO) creates effects in and through the information environment. IO optimizes the information element of combat power and supports and enhances all other elements in order to gain an operational advantage over an enemy or adversary. These effects are intended to influence, disrupt, corrupt or usurp enemy or adversary decision making and everything that enables it, while enabling and protecting friendly decision making. Because IO's central focus is affecting decision making and, by extension, the will to fight, commanders personally ensure IO is integrated into operations from the start