

Uncover the Secrets of Military Reconnaissance: A Comprehensive Guide to FM 90

In the ever-changing landscape of modern warfare, reconnaissance has become paramount to the success of military operations. The United States Army's FM 90 Reconnaissance Security and Tactical Enabling Tasks provides a comprehensive guide to the principles and practices of reconnaissance in today's battlefield. This in-depth article delves into the key aspects of FM 90, equipping readers with a profound understanding of the role of reconnaissance in modern military operations.



FM 3-90-2 Reconnaissance, Security and Tactical Enabling Tasks by Rand Bishop

★★★★☆ 4.7 out of 5

Language : English
File size : 11005 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 302 pages
Screen Reader : Supported



Understanding Reconnaissance

Reconnaissance, as defined by FM 90, is the "collection of information by visual observation or other detection methods" to gain knowledge about the enemy, terrain, and weather conditions. It plays a vital role in providing

commanders with the situational awareness they need to make informed decisions and execute successful operations.

Types of Reconnaissance

FM 90 outlines various types of reconnaissance, each tailored to specific mission requirements:

- **Visual reconnaissance:** Using the naked eye or optical devices to gather information about terrain features, enemy positions, and activities.
- **Electronic reconnaissance:** Employing electronic devices to intercept and analyze enemy communications, radar signals, and other electronic emissions.
- **Imagery reconnaissance:** Utilizing aerial or satellite imagery to obtain detailed information about terrain, infrastructure, and enemy dispositions.
- **Human intelligence (HUMINT) reconnaissance:** Collecting information through human sources, such as informants, prisoners of war, and defectors.

Conducting Reconnaissance

FM 90 emphasizes the importance of a systematic approach to reconnaissance. The process typically involves the following steps:

1. **Mission analysis:** Determining the specific information required and the best reconnaissance methods to obtain it.

2. **Planning:** Developing a detailed plan for reconnaissance, including routes, observation points, and contingencies.
3. **Execution:** Conducting reconnaissance operations, employing appropriate techniques and equipment.
4. **Reporting:** Disseminating reconnaissance information to commanders in a timely and accurate manner.

Security in Reconnaissance

Maintaining security during reconnaissance operations is crucial to ensure the safety of reconnaissance teams and the success of the mission. FM 90 provides detailed guidance on security measures, including stealth techniques, camouflage, and avoiding enemy detection.

Tactical Enabling Tasks

In addition to pure reconnaissance, FM 90 also covers a range of tactical enabling tasks performed by reconnaissance units, including:

- **Target acquisition:** Identifying and locating enemy targets for engagement by artillery, air strikes, or other weapons systems.
- **Obstacle breaching:** Clearing obstacles such as minefields and wire entanglements to allow friendly forces to advance.
- **Ambush and raid operations:** Attacking enemy forces from positions of concealment.
- **Unconventional warfare:** Conducting operations in enemy-held territory with irregular forces or local resistance groups.

Equipment and Technology

Modern reconnaissance operations rely heavily on advanced equipment and technology. FM 90 discusses the use of various reconnaissance systems, including:

- **Night-vision devices:** Allowing reconnaissance teams to operate in low-light or no-light conditions.
- **Thermal imaging systems:** Detecting heat sources, such as enemy vehicles or individuals, through obstacles.
- **Unmanned aerial vehicles (UAVs):** Providing aerial reconnaissance and surveillance capabilities.
- **Sensor networks:** Deploying sensors to gather information about enemy movements and activities.

FM 90 Reconnaissance Security and Tactical Enabling Tasks is an indispensable guide for military professionals seeking to enhance their reconnaissance capabilities. Its comprehensive coverage of principles, practices, and equipment provides a solid foundation for understanding the vital role of reconnaissance in modern warfare. By embracing the lessons and techniques outlined in this manual, reconnaissance units can effectively collect information, secure operational areas, and enable tactical operations, contributing to the success of military missions.

For further exploration of this topic, refer to the official FM 90 Reconnaissance Security and Tactical Enabling Tasks document.



FM 3-90-2 Reconnaissance, Security and Tactical Enabling Tasks by Rand Bishop

★★★★☆ 4.7 out of 5

Language : English
File size : 11005 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 302 pages
Screen Reader : Supported

FREE

DOWNLOAD E-BOOK





Unveiling the Legacy of New England Salmon Hatcheries and Salmon Fisheries in the Late 19th Century

Journey back in time to the late 19th century, a period marked by significant advancements in the field of fisheries management and aquaculture. New...



Embark on a Literary Adventure with Oliver Twist: A Comprehensive SparkNotes Guide

Unveiling the Complex World of Oliver Twist: A Captivating Journey In the shadowy labyrinth of 19th-century London, a young orphan named Oliver Twist embarks on a...