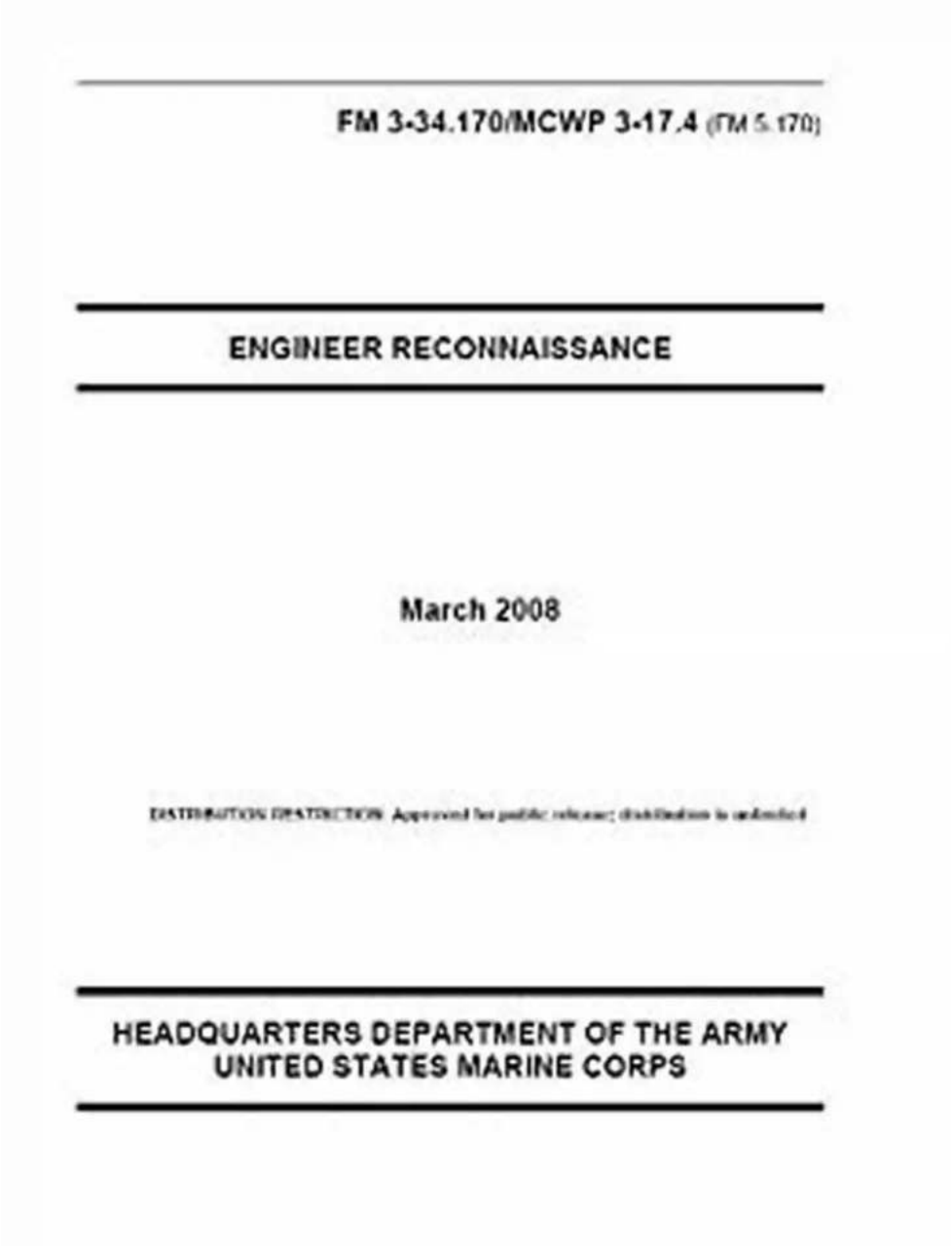
Field Manual FM 34-170 MCWP 17 FM 170 Engineer Reconnaissance March 2008 - The Ultimate Guide



FM 3-34.170/MCWP 3-17.4 (FM 5-170)

ENGINEER RECONNAISSANCE

March 2008

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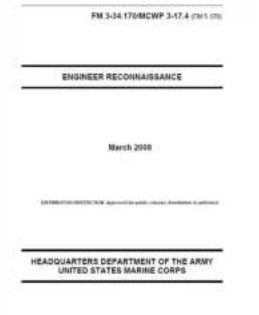
Are you interested in the world of engineering reconnaissance? If so, then you must be aware of the Field Manual FM 34-170 MCWP 17 FM 170 Engineer

Reconnaissance March 2008. This manual is considered the ultimate guide for anyone involved in engineer reconnaissance operations. In this article, we will delve into the details of this field manual, providing you with a comprehensive overview of its contents and why it is an essential resource for engineers.

Understanding Engineer Reconnaissance

Engineer reconnaissance plays a crucial role in modern military operations. It involves the gathering of information related to terrain, obstacles, and enemy forces, which aids engineers in planning and executing construction and combat operations effectively. The field manual FM 34-170 MCWP 17 FM 170 Engineer Reconnaissance March 2008 provides a comprehensive guideline for conducting engineer reconnaissance missions, equipping engineers with the necessary knowledge and skills to succeed in the field.

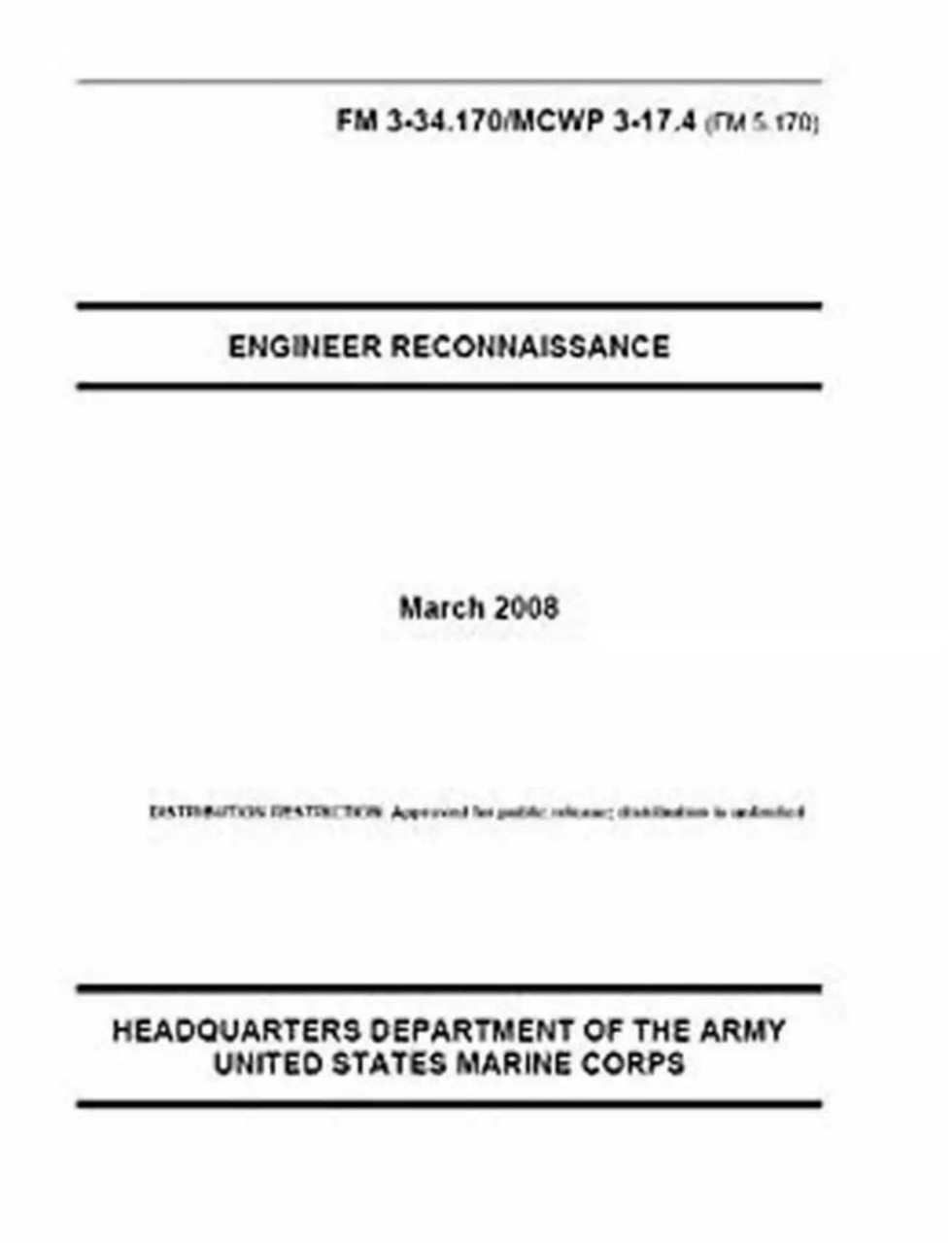


Field Manual FM 3-34.170 MCWP 3-17.4 (FM 5-170) Engineer Reconnaissance March 2008

by United States Government US Army(Kindle Edition)

★★★★★ 5 out of 5

Language	: English
File size	: 30297 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 368 pages
Lending	: Enabled



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The Contents of Field Manual FM 34-170 MCWP 17 FM 170 Engineer Reconnaissance March 2008

The field manual is divided into several chapters, each focusing on different aspects of engineer reconnaissance.

Chapter 1: to Engineer Reconnaissance

This chapter serves as an to the field of engineer reconnaissance. It explains the purpose and role of reconnaissance in military operations, emphasizing the importance of accurate information gathering for successful engineering activities.

Chapter 2: Types of Reconnaissance

Here, the manual dives into the different types of reconnaissance, including route reconnaissance, zone reconnaissance, and area reconnaissance. Each type is explained in detail along with techniques and procedures to execute them effectively.

Chapter 3: Planning and Preparation

Effective planning is vital in reconnaissance missions. This chapter covers the essentials of planning and preparation, including the creation of a mission analysis, intelligence preparation, and route and obstacle analysis, ultimately ensuring mission success.

Chapter 4: Execution of Engineer Reconnaissance

Once the planning is complete, engineers must execute their reconnaissance mission in the field. This chapter provides guidelines on conducting the actual reconnaissance, including map reading, field sketching, using specialized equipment, and collecting essential data for subsequent operations.

Why Field Manual FM 34-170 MCWP 17 FM 170 Engineer Reconnaissance March 2008 Is a Must-Have

1. Comprehensive Coverage

This field manual covers all aspects of engineer reconnaissance operations, leaving no stone left unturned. It provides engineers with a holistic understanding of reconnaissance processes and equips them with the necessary skills for

success. Whether you are a seasoned engineer or a newcomer to the field, this manual will enhance your knowledge and abilities.

2. Updated Information

Being published in 2008, this field manual offers the most up-to-date information on engineer reconnaissance at the time. While technology and operational practices may have evolved since then, the fundamentals explained in this manual are still relevant and provide a solid foundation for any engineer involved in reconnaissance activities.

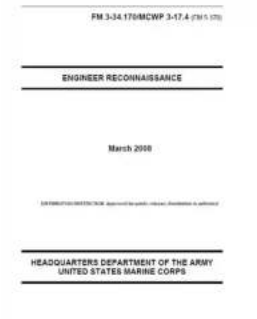
3. Tactical Application

The field manual not only provides theoretical knowledge but also focuses on the tactical application of engineer reconnaissance. It goes beyond theory by explaining real-world scenarios and offering practical advice for engineers operating in diverse environments.

4. Training Resource

This manual serves as an exceptional resource for training both individual engineers and engineer reconnaissance units. Its clear and concise explanations, along with illustrations and examples, make it an invaluable tool for imparting essential knowledge and skills.

The Field Manual FM 34-170 MCWP 17 FM 170 Engineer Reconnaissance March 2008 is a comprehensive guide that every engineer involved in reconnaissance operations should possess. With its detailed coverage, updated information, and practical approach, this field manual provides an excellent resource for both learning and implementing engineer reconnaissance practices. So, get yourself a copy and enhance your proficiency in the world of engineer reconnaissance!



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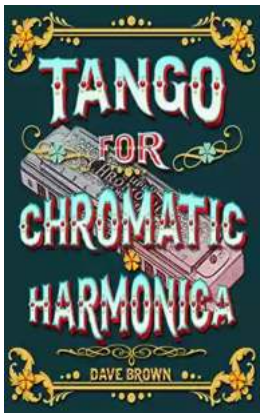
Doctrine provides a military organization with unity of effort and a common philosophy, language, and purpose. This field manual provides doctrine for the application of engineer reconnaissance capabilities in support of the combined arms team conducting full spectrum operations.

Engineer reconnaissance, like chemical, biological, radiological, and nuclear (CBRN) and other technical applications, is not a form of reconnaissance (see chapter 3 for a discussion of the four forms of reconnaissance). Engineer reconnaissance is instead a focused application of special/unique capabilities supporting reconnaissance operations and is applicable over/pertinent to all four forms of reconnaissance. Field manual (FM) 3-34.170/Marine Corps Warfighting Publication (MCWP) 3-17.4 updates the FM that provides doctrinal guidance for engineer reconnaissance in support of full spectrum operations, including engineer reconnaissance in support of tactical operations as well as engineer technical reconnaissance support. This manual supersedes FM 5-170 and supports the doctrine found in FM 3-0, FM 3-34, and FM 6-0, and Field Manual

Interim (FMI) 5-0.1. This manual will serve as a reference document for engineer commanders and staff, leaders, training developers, and doctrine developers throughout the Army and Marine Corps. It will also provide guidance to commanders for the employment of engineer reconnaissance capabilities in support of all operations. It is also the primary reference for engineer reconnaissance for Joint Publication (JP) 3-34.

This FM has an and six chapters. It includes significant discussion on integrating the planning for engineer reconnaissance support within the planning doctrine in FM 5-0 and the command and control (C2) doctrine in FM 6-0. The expands upon the manual's purpose and summarizes the doctrinal changes it contains. Chapter 1 provides a doctrinal framework for the provision of engineer reconnaissance capabilities resident within engineer functions and supporting the warfighting functions, describes a range of tactical to technical engineer reconnaissance capabilities, and provides capabilities and limitations of the engineer reconnaissance team (ERT). Chapter 2 provides doctrine for integrating the planning for engineer reconnaissance within information management and planning processes of the combined arms team. It specifically addresses integration of geospatial support and provides specific C2 considerations for integration of engineer reconnaissance. Chapter 3 provides doctrine for integrating the application of engineer reconnaissance within tactical reconnaissance operations of the combined arms team. It also addresses considerations for the sustainment of engineer reconnaissance elements. Chapter 4 provides doctrine for the conduct of ERT operations providing engineer reconnaissance support at the tactical end of the range described in Chapter 1. ERTs conduct zone, area, and route reconnaissance with a specified additional focus on required technical information. Chapters 5 and 6 provide doctrine for the conduct of engineer assessments and surveys which provide engineer reconnaissance support at the technical end of the range described in Chapter 1.

Assessment and survey teams conduct reconnaissance specifically focused on collecting detailed technical information. Appendix B illustrates the preparation of required engineer reconnaissance reports and forms. Appendix C incorporates the smartcard tools developed for infrastructure assessment. Appendix D provides the environmental baseline assessment tool. Appendix H includes a collection of other useful tools and resources.



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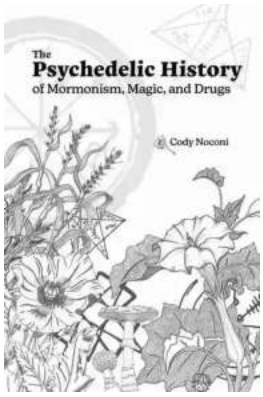

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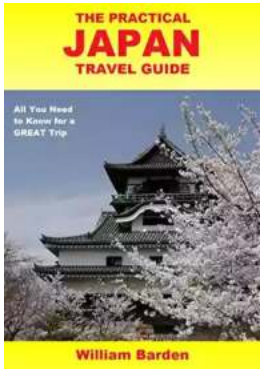

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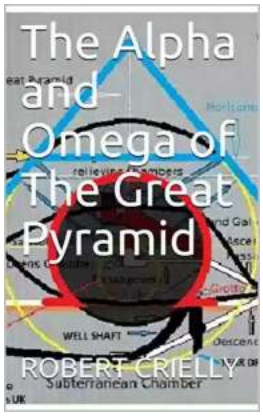

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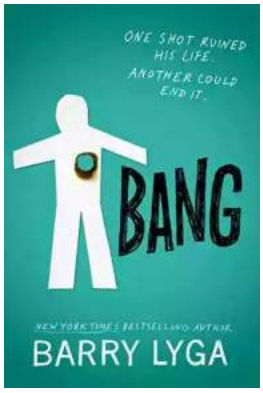

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