

Field Manual FM 22-90 Mortars December 2007: The Ultimate Guide to Mortar Operations

Are you fascinated by military tactics and operations? Do you want to delve into the world of mortars and artillery? Look no further! In this comprehensive guide, we will explore the Field Manual FM 22-90 Mortars December 2007, providing you with all the essential knowledge and insights you need to understand and master mortar operations. So, gear up and get ready to explore the exciting world of mortars!

The Importance of Mortars in Modern Warfare

Mortars have played a vital role in warfare for centuries and continue to be an indispensable tool for modern militaries. These indirect-fire weapons offer high lethality, flexibility, and the ability to strike targets from concealed positions. Their ability to deliver explosives accurately over long distances distinguishes mortars as a force multiplier on the battlefield.

Whether you are a military enthusiast, a serving soldier, or simply eager to expand your knowledge, the Field Manual FM 22-90 Mortars December 2007 is a valuable resource that provides detailed insights into mortar operations and tactics. Let's dive in and explore the wealth of information this manual has to offer.



Field Manual FM 3-22.90 Mortars December 2007

by United States Government US Army(Kindle Edition)

★★★★☆ 4.2 out of 5

Language : English

File size : 16851 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled
Word Wise : Enabled
Lending : Enabled
Print length : 318 pages
Item Weight : 12.3 ounces
Dimensions : 10.98 x 7.99 x 0.28 inches



Understanding the Field Manual FM 22-90 Mortars December 2007

The Field Manual FM 22-90 Mortars December 2007 serves as a guide for U.S. Army personnel involved in mortar operations. It covers a range of topics, including the fundamentals of mortar employment, tactics, techniques, and procedures for delivering effective fire support, as well as maintenance and logistical considerations.

The manual provides a comprehensive breakdown of mortar systems, ammunition types, target acquisition, fire control, and modern mortar fire planning. It also encompasses essential safety measures and guidelines to minimize risks associated with mortar operations.

The Field Manual FM 22-90 Mortars December 2007 is a primary resource for soldiers who operate with and support mortar units. By following the guidelines outlined in the manual, mortar teams can bolster their effectiveness, maximize situational awareness, and minimize risks on the battlefield.

Mastering Mortar Operations with FM 22-90

Let's explore some key sections of the FM 22-90 Mortars December 2007 manual, offering you a glimpse into the wealth of knowledge it contains:

1. Mortar Employment

This section covers the different types of mortar systems, such as the 60mm, 81mm, and 120mm mortars. It provides insights into their capabilities, limitations, and uses in various scenarios. Furthermore, the manual outlines fundamentals such as mortar emplacement techniques, target selection, and engaging enemy targets effectively.

2. Fire Support Platoon Operations

Here, the FM 22-90 manual delves into the organization and responsibilities of a fire support platoon. It explains how to employ mortars and integrate them into a larger combined-arms operation. This section also emphasizes the importance of coordination between mortar teams and other units on the battlefield.

3. Mortar Ballistics

Understanding the characteristics of mortar rounds is crucial for effective target engagement. The manual describes in detail the factors affecting the flight path of mortar rounds and how to make adjustments for range, direction, and effects on targets.

4. Fire Control and Planning

To deliver accurate and effective fire support, mortar teams need to master fire control and planning. This section offers insights into fire direction centers, adjusting fire, and various techniques for effecting fire on targets while minimizing collateral damage.

5. Logistics and Maintenance

Maintaining and managing supplies, ammunition, and equipment is vital for sustained mortar operations. The FM 22-90 manual provides guidelines on logistical considerations, equipment maintenance, and supply chain management, ensuring mortar teams function optimally in the field.

Implementing the Knowledge: Real-Life Implications

The insights gained from the Field Manual FM 22-90 Mortars December 2007 extend beyond theoretical knowledge. Armed with this comprehensive guide, military personnel can enhance their understanding of mortar operations, translating into improved tactics and increased survivability in combat scenarios.

Moreover, for military enthusiasts and scholars, the manual offers a fascinating exploration of mortar operations, shedding light on the intricacies involved in coordinating and employing these deadly weapons on the battlefield.

The Field Manual FM 22-90 Mortars December 2007 is a pivotal resource for anyone interested in the world of mortars, military tactics, and artillery. This extensive guide equips readers with the necessary knowledge to understand and master mortar operations, from employment techniques and fire control to logistics and maintenance considerations.

Whether you're a soldier, a military enthusiast, or someone eager to expand your knowledge, FM 22-90 holds the key to unlocking the complexities of modern mortar operations. So, grab a copy, dive into this fascinating manual, and immerse yourself in the intriguing world of mortar warfare!



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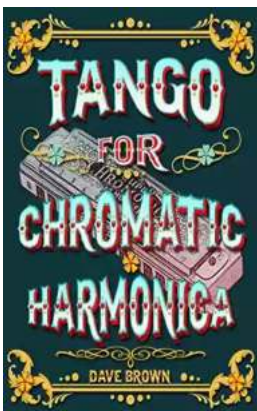
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This publication prescribes guidance for leaders and crewmen of mortar squads. It concerns mortar crew training, and it is used with the applicable technical manuals (TMs) and Army Training and Evaluation Programs (ARTEPs). It presents practical solutions to assist in the timely delivery of accurate mortar fires, but does not discuss all possible situations. Local requirements may dictate minor variations from the methods and techniques described herein. However, principles should not be violated by modification of techniques and methods.

The scope of this publication includes mortar crew training at the squad level. The 60-mm mortar, M224; 81-mm mortar, M252; and 120-mm mortars, M120/M121 are discussed, to include nomenclature, sighting, equipment, characteristics, capabilities, and ammunition. (For information on the tactics, techniques, and procedures that mortar sections and platoons use to execute the combat mission, refer to FM 7.90.)



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