

FM 01-85: The Essential Guide to Patriot Battalion and Battery Operations

FM 01-85 is the definitive guide to the organization, equipment, and operations of Patriot battalions and batteries. This manual provides clear and concise guidance on everything from personnel and equipment to tactics and training. Whether you're a new member of a Patriot unit or a seasoned veteran, FM 01-85 is a must-have resource.

Organization of a Patriot Battalion

A Patriot battalion is a self-contained unit that can operate independently or as part of a larger air defense brigade. The battalion is commanded by a lieutenant colonel and consists of the following:



FM 3-01.85 PATRIOT BATTALION AND BATTERY OPERATIONS MAY 2002

by United States Government US Army

★★★★★ 5 out of 5

Language : English
File size : 32854 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 543 pages



- Headquarters and Headquarters Battery (HHB)
- Three Patriot firing batteries

- A maintenance battery
- A forward area support team (FAST)

The HHB provides command and control for the battalion and includes the battalion staff, the communications platoon, and the fire direction platoon. The firing batteries are the principal fighting elements of the battalion and are responsible for engaging and destroying enemy aircraft and missiles. The maintenance battery provides maintenance support for the battalion's equipment. The FAST provides logistical support to the battalion in the field.

Equipment of a Patriot Battalion

The Patriot battalion is equipped with a variety of weapons and support systems, including:

- Patriot missiles
- Patriot radar systems
- Patriot fire control systems
- Patriot generators
- Patriot vehicles

The Patriot missile is a surface-to-air missile (SAM) designed to intercept and destroy enemy aircraft and missiles. The Patriot radar systems are used to detect and track enemy targets. The Patriot fire control systems are used to guide the Patriot missiles to their targets. The Patriot generators provide power for the battalion's equipment. The Patriot vehicles are used to transport the battalion's equipment and personnel.

Operations of a Patriot Battalion

The Patriot battalion is responsible for providing air defense for a specific area of operations. The battalion can be deployed to defend a variety of targets, including cities, military bases, and critical infrastructure. The battalion can also be deployed to support other units, such as ground forces or aircraft.

The Patriot battalion conducts a variety of operations, including:

- Air defense
- Missile defense
- Counter-air operations
- Joint operations

Air defense is the primary mission of the Patriot battalion. The battalion uses its Patriot missiles and radar systems to detect and track enemy aircraft and missiles. The battalion then uses its Patriot fire control systems to guide the Patriot missiles to their targets. missile defense is a secondary mission of the Patriot battalion. The battalion uses its Patriot missiles to intercept and destroy enemy missiles. Counter-air operations are conducted by the Patriot battalion to protect friendly aircraft from enemy air attacks. Joint operations are conducted by the Patriot battalion in conjunction with other units, such as ground forces or aircraft.

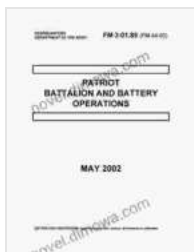
Training for Patriot Battalion and Battery Operations

Training is essential for the successful operation of Patriot battalions and batteries. The Patriot battalion conducts a variety of training exercises, including:

- Live-fire exercises
- Computer-simulated exercises
- Field training exercises

Live-fire exercises provide the most realistic training for Patriot battalion and battery personnel. During live-fire exercises, the battalion fires Patriot missiles at targets to practice their skills. Computer-simulated exercises are used to train Patriot battalion and battery personnel on a variety of scenarios. Field training exercises are used to train Patriot battalion and battery personnel on how to operate in a field environment.

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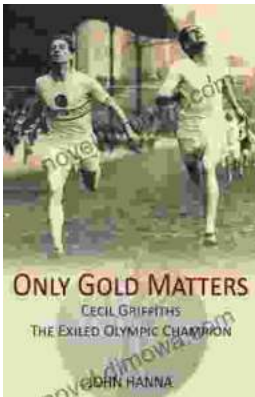
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