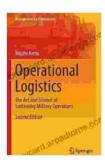
## The Art and Science of Sustaining Military Operations

In the complex and dynamic world of military operations, the ability to sustain forces is paramount to mission success. 'The Art and Science of Sustaining Military Operations' is a comprehensive guidebook that illuminates the intricate art and science behind this critical aspect of military operations.



# Operational Logistics: The Art and Science of Sustaining Military Operations by Moshe Kress

4.5 out of 5

Language : English

File size : 4368 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Word Wise : Enabled

Print length : 247 pages



This book is meticulously crafted to provide a foundational understanding of sustaining military operations, encompassing the full spectrum of logistics, supply chain management, and support functions. It offers a holistic perspective, examining the challenges and opportunities associated with maintaining and replenishing military forces in diverse operating environments.

#### **Essential Principles**

The book establishes the essential principles that underpin the art of sustaining military operations. It emphasizes the importance of:

- Anticipation: Foreseeing and anticipating future needs to ensure timely and adequate support.
- Coordination: Seamless collaboration among various support units and stakeholders to optimize resource utilization.
- Integration: Harmonizing logistics and operational planning to achieve a cohesive and efficient force posture.
- Agility: Adapting to changing circumstances and evolving mission requirements to maintain operational effectiveness.

#### **Logistics and Supply Chain Management**

Logistics and supply chain management play a pivotal role in sustaining military operations. The book explores:

- Materials Management: Procuring, warehousing, and distributing essential supplies, equipment, and materials.
- Transportation: Efficiently moving personnel, equipment, and supplies to and from the operational area.
- Inventory Management: Optimizing inventory levels to minimize shortages and maximize operational readiness.
- Maintenance and Repair: Keeping equipment and infrastructure operational through timely repairs and preventative maintenance.

### **Support Functions**

Beyond logistics, the book also delves into a range of essential support functions that contribute to sustaining military operations, including:

- Evacuation and Disposal: Managing the movement and disposal of casualties, damaged equipment, and hazardous materials.
- Contracting: Acquiring goods and services from commercial sources to supplement military capabilities.
- Financial Management: Controlling and accounting for financial resources to ensure operational efficiency.
- Human Resources: Managing and sustaining personnel, including recruitment, training, and morale.
- **Information Management:** Collecting, processing, and disseminating information to support decision-making and operational coordination.
- Infrastructure and Facilities: Maintaining and constructing infrastructure, including roads, bridges, and base facilities.

#### **Sustainability Considerations**

In today's military landscape, sustainability is of utmost importance. The book addresses the environmental, social, and economic implications of military operations, providing strategies for:

- Environmental Management: Minimizing the impact of military operations on the environment through pollution control and conservation measures.
- Social Responsibility: Engaging with local communities and respecting human rights to foster goodwill and maintain operational

access.

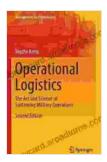
 Economic Sustainability: Ensuring the efficient and responsible use of financial resources to maximize mission outcomes.

#### **Case Studies and Lessons Learned**

To reinforce the theoretical concepts, the book presents a collection of case studies and lessons learned from real-world military operations. These case studies provide invaluable insights into the practical challenges and successes of sustaining military forces in diverse environments.

'The Art and Science of Sustaining Military Operations' is an indispensable guide for military professionals, logisticians, and anyone seeking a comprehensive understanding of the vital role logistics and support play in military operations. By mastering the principles and practices outlined in this book, military forces can enhance their operational effectiveness, resilience, and sustainability in the face of evolving threats and challenges.

Embark on a journey of discovery and unlock the art and science of sustaining military operations with this indispensable reference.



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