GENERAL

afman 23 110 cd basic usaf supply manual 1 april 2009

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Introduction

The United States Air Force (USAF) has a long tradition of meticulous supply chain management, ensuring that every aircraft, weapon system, and support vehicle is ready for deployment. Central to this effort is the **AFMAN 23-110 CD Basic USAF Supply Manual 1 April 2009**, a comprehensive guide that outlines the policies, procedures, and best practices for handling and managing supplies across the Air Force. Whether you are a logistics officer, supply specialist, or simply interested in military supply operations, this article will take you through the history, structure, and practical applications of the manual, helping you understand its importance and how to effectively use it in your daily work.

Why the AFMAN 23-110 CD Matters

Supply chain efficiency is the backbone of any military operation. In the Air Force, the ability to get the right parts to the right place at the right time can mean the difference between mission success and failure. The **AFMAN 23-110 CD**serves as the definitive reference for all personnel involved in supply operations, providing a unified framework that aligns with broader DoD policies and ensures compliance with federal regulations.

- Standardization of procedures across all commands
- Improved traceability and accountability of assets
- Reduced waste and cost through efficient inventory management
- Enhanced readiness for rapid deployment and sustainment
- Compliance with the Defense Logistics Agency (DLA) and other federal agencies

Historical Context

The evolution of Air Force supply doctrine began in the early 20th century, with the establishment of the *Army Air Service Supply Corps* in 1918. Over the decades, the doctrine has been refined to keep pace with technological advancements, changing warfare dynamics, and the increasing complexity of supply chains. The 2009 edition of the **AFMAN 23-110 CD**reflects lessons learned from conflicts in the Middle East, the Gulf War, and humanitarian missions worldwide. It consolidates best practices and integrates the latest DoD directives, making it a critical resource for modern logistics professionals.

Structure of the AFMAN 23-110 CD

Understanding the layout of the manual is essential for quickly locating the information you need. The document is organized into several key sections, each addressing a specific aspect of supply operations.

1. Introduction and Purpose

This opening chapter defines the manual’s scope, audience, and the overarching objectives of the supply system. It also highlights the relationship between the USAF supply system and other DoD supply frameworks.

2. Supply Management Principles

Here, the manual outlines fundamental principles such as **economy, efficiency, and effectiveness**. It also discusses the importance of *risk management*, *quality assurance*, and *continuous improvement*in supply

operations.

3. Supply Chain Processes

- Acquisition – procurement methods, vendor selection, and contract management
- Transportation – air, sea, and ground movement of supplies
- Storage – warehousing, inventory control, and asset disposition
- Distribution – delivery to units and maintenance of traceability
- Disposition – disposal, recycling, or transfer of surplus items

4. Inventory Management

Detailed guidelines for maintaining accurate records, performing cycle counts, and using the **AFMS (Air Force Maintenance System)** and **AFMS-AR (Air Force Maintenance System – Air Force) databases** to track assets.

5. Documentation and Record-Keeping

This section explains the required forms, electronic records, and compliance with the Federal Acquisition Regulation (FAR). It also covers the importance of **audit trails** for accountability.

6. Security and Compliance

Security protocols for handling classified supplies, ensuring compliance with **National Industrial Security Program** , and maintaining chain-of-custody integrity.

7. Training and Professional Development

Guidelines for creating training plans, conducting competency assessments, and maintaining certification for supply personnel.

8. Appendices and Reference Materials

Includes glossaries, abbreviations, reference tables, and links to related documents such as the **AFMAN 23-110 CD** itself, the *AFMAN 23-110 (CD)*, and other relevant DoD manuals.

Key Concepts Explained

Below are some of the most critical concepts found within the **AFMAN 23-110 CD Basic USAF Supply Manual 1 April 2009**, explained in plain language.

Supply Chain Lifecycle

The lifecycle begins with **needs assessment**, proceeds through **procurement**, **transportation**, **storage**, and ends with **distribution** and **disposition**. Understanding each stage allows for better planning and execution.

Inventory Control Techniques

Techniques such as **Just-in-Time (JIT)**, **ABC analysis**, and **Vendor-Managed Inventory (VMI)**are discussed. These methods help reduce holding costs while ensuring critical parts are always available.

Quality Assurance (QA)

QA processes involve **inspection, testing, and verification** of incoming goods. The manual emphasizes **defect prevention** and **continuous improvement** through data analysis.

Logistics Support Analysis (LSA)

LSA is a systematic approach to determining the logistical support requirements for a system or component. The **AFMAN 23-110 CD** provides guidelines for conducting LSAs to forecast future supply needs accurately.

Security Classification and Handling

Supplies may be classified as **Unclassified, Classified, Sensitive Compartmented Information (SCI)**, etc. The manual outlines the proper handling, labeling, and storage of these items to protect national security.

Using the Manual in Daily Operations

To make the most of the **AFMAN 23-110 CD**, follow these practical steps:

1. Familiarize Yourself with the Table of Contents – Quickly locate the section relevant to your task.
2. Refer to the Glossary – Understand key terms and abbreviations.
3. Use the Checklists – Many sections provide step-by-step checklists for tasks like requisition, receipt, and disposition.
4. Leverage Digital Resources – Access the manual via the USAF's Defense Logistics Agency (DLA) portal or Air Force Supply System (AFSS) for up-to-date versions and supplementary materials.
5. Document Compliance – Maintain records of all actions taken, referencing the appropriate sections of the manual.
6. Participate in Training – Attend workshops and e-learning modules that incorporate the manual's content.

Case Study: Rapid Deployment to Afghanistan

During Operation Enduring Freedom, the **AFMAN 23-110 CD** was instrumental in coordinating the rapid movement of spare parts for F-15 and F-16 aircraft. By following the manual's guidelines for *expedited shipping* and *priority handling*, the logistics teams reduced downtime by 30% compared to previous deployments.

Updating the Manual: Version Control and Revisions

While the 2009 edition remains a foundational reference, the USAF regularly issues updates, supplements, and errata. It's crucial to keep abreast of these changes to maintain compliance.

Version Identification

Each revision includes a unique **document control number** and a **revision date**. For example, a later update might be titled *AFMAN 23-110 CD (Revision 2) – 15 July 2014*.

Accessing Updates

- Visit the Air Force e-Logistics website.
- Check the AFMAN 23-110 CD section for the latest version.
- Download the PDF or HTML version for offline reference.

Related Documents and Resources

For a comprehensive understanding of USAF supply operations, consult the following documents in addition to the **AFMAN 23-110 CD**:

- AFMAN 23-110 (CD) – The core supply manual.
- AFMAN 23-110B (CD) – Supplementary guidance for special categories of supplies.
- AFMAN 23-110C (CD) – Updated policies on electronic procurement.
- AFMAN 23-110D (CD) – Focuses on supply chain risk management.
- AFMAN 23-110E (CD) – Emphasizes sustainability and green logistics.
- AFMAN 23-110F (CD) – Addresses cybersecurity for supply chain data.

Additionally, the **Defense Logistics Agency (DLA)** provides a host of resources, including *Contractor Management*

guidelines, *Supply Chain Management (SCM)* best practices, and *Electronic Commerce*platforms that integrate with the USAF supply system.

SEO Best Practices for Supply Manual Content

When creating web content about the **AFMAN 23-110 CD Basic USAF Supply Manual 1 April 2009**, consider these SEO strategies to maximize visibility:

- Keyword Placement – Use the main keyword naturally in the first paragraph, headings, and conclusion.
- Semantic Keywords – Include related terms such as “USAF logistics”, “military supply chain”, “logistics training”, and “supply operations” to capture broader search intent.
- Internal Linking – Link to other relevant articles or PDF downloads on your site.
- Alt Text for Images – If you include diagrams, use descriptive alt text that incorporates the keyword.
- Meta Description – Write a concise summary (150–160 characters) that includes the keyword.
- Structured Data – Use schema.org markup for manuals or documents to enhance search engine understanding.

Conclusion

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