Supply Chain And Air Freight In Aviation Logistics

11 – 15 July 2027
Cairo (Egypt)



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Introduction

The aviation supply chain is a complex and delicate system requiring precision and professionalism. This course provides a comprehensive overview of aviation logistics, offering participants the essential knowledge and skills to master the unique challenges of aviation supply chain management.

Whether you are new to the field or an experienced professional, this course adapts to your level of expertise. It is designed to enhance your understanding of global aviation logistics, equip you with the best practices, and prepare you to excel in the dynamic world of air cargo management and supply chain logistics in aviation.

Course Objectives

By the end of the course, participants will:

- Understand the definition of aviation logistics and its role in the global supply chain.
- Apply innovative techniques to ensure smooth operations within the aviation supply chain.
- Analyze air freight management and the logistics processes in air freight.
- Enhance operational efficiency in cargo handling, traceability systems, barcoding, and compliance with safety standards.
- Assess the impact of IT on aviation supply chain management and identify key change factors.
- Gain in-depth knowledge of international regulations and organizations governing aviation logistics.

Course Outlines

Day 1: Air Cargo and Fundamentals of Aviation Supply Chain

- Air Cargo under Pressure: Challenges in the aviation supply chain.
- Strengths of Air Cargo: Advantages and opportunities in aviation logistics.
- Overview of aviation logistics' definition and its global implications.
- History of Air Cargo: Globalization and environmental considerations.
- Airport Types and Their Roles in Air Freight Logistics.



Day 2: Cargo Handling Agents and the Impact of IT

- Evolution of cargo handling agents in aviation.
- The role of technology in aviation logistics and air freight logistics processes.
- Factors influencing change in the aviation supply chain.
- General Handling Agents: Roles and responsibilities in air freight management.

Day 3: Freight Forwarding and Specialized Cargo

- The development of freight forwarding in global aviation logistics.
- Associations and networks in the air cargo industry.
- Case Study: Hellman Worldwide and its role in aviation logistics training.
- Managing specialized cargo:
    - Express and mail.
    - Transporting animals and sensitive items like art and fashion.
    - Heavyweight freighters and niche air cargo services.

Day 4: Cargo Security and Risk Management

- Security threats in the aviation supply chain:
    - Crime and terrorism.
    - Cybersecurity and corruption.
    - Natural disasters and health hazards.
- Managing risks in aviation supply chain management and ensuring secure operations.

Day 5: Innovation and Emerging Trends in Aviation Logistics

- Awards and recognition for innovation in aviation supply chain management.
- Adapting to changing consumer habits and their impact on air cargo logistics.
- Case Study: Helicopter cargo delivery - A look into the future of aviation logistics internationally.

Why Attend This Course? Wins & Losses!

- Professional Advancement: Gain expertise in aviation supply chain management and air freight logistics.
- Mastering Challenges: Understand and overcome the complexities of global aviation logistics.
- Innovation Focus: Learn cutting-edge techniques and technologies shaping the industry.
- Enhanced Security Awareness: Be equipped to handle threats and risks effectively in aviation logistics.



Conclusion

This course offers an unparalleled opportunity to deepen your knowledge and skills in aviation logistics and supply chain management. supply chain analyst Through a blend of theoretical insights and practical applications, you'll be well-prepared to navigate the challenges of this dynamic industry.

By focusing on innovation, efficiency, and security, the course ensures that participants emerge as leaders in aviation logistics training, equipped to drive success in global aviation supply chain management. Enroll now and take your career to new heights!

