

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

Certificate in Warehouse & ULD Operations

Foundation Level



LAPT — London Academy of Professional Training

Address 85 Great Portland Street, W1W 7LT, London, United Kingdom

Email info@lapt.org

Telephone +44 7513 283044

Web lapt.org

Reference AV-ACL-F • Aviation Centres

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	AV-ACL-F
AWARD	Certificate
ASSESSMENT	445 marks — 267 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1 Introduction to Air Cargo Logistics 4 chapters · 20 classes 90 marks	• 1 Fundamentals of Air Cargo Logistics — 5 classes › 1.1 Understanding the Basics of Air Cargo Logistics › 1.2 Exploring Key Components in Air Cargo Operations › 1.3 Identifying Stakeholders in the Air Cargo Supply Chain › 1.4 Analyzing the Role of ULDs in Cargo Handling › 1.5 Applying Fundamental Concepts to Real-World Scenarios • 2 Operational Practices in Cargo Handling — 5 classes › 2.1 Understanding Air Cargo Logistics: Key Concepts and Terminology › 2.2 Identifying and Classifying Different Types of Cargo › 2.3 Exploring Warehouse Layouts and Infrastructure Essentials › 2.4 Learning Best Practices for Safe and Efficient Cargo Handling › 2.5 Applying Compliance and Security Measures in Cargo Operations • 3 Introduction to Unit Load Devices (ULDs) — 5 classes › 3.1 Understanding the Basics of Unit Load Devices (ULDs) › 3.2 Identifying Different Types of Unit Load Devices › 3.3 Exploring the Functions and Importance of ULDs in Air Cargo › 3.4 Examining ULD Construction and Safety Standards › 3.5 Applying ULD Handling and Management Best Practices • 4 Optimizing Air Cargo Logistics Processes — 5 classes › 4.1 Understanding Air Cargo Logistics Frameworks › 4.2 Identifying Key Players in Air Cargo Operations › 4.3 Analyzing Process Flows in Air Cargo Logistics › 4.4 Implementing Effective Cargo Handling Techniques › 4.5 Evaluating Air Cargo Process Optimization Strategies
2 Inventory Management 4 chapters · 20 classes 65 marks	• 1 Fundamentals of Inventory Management in Air Cargo — 5 classes › 1.1 Understanding the Basics of Air Cargo Inventory › 1.2 Identifying Types and Classifications of Air Cargo Inventory › 1.3 Learning Inventory Management Principles in Air Cargo › 1.4 Exploring Tools and Technologies for Air Cargo Tracking › 1.5 Applying Inventory Management Strategies in Air Cargo Scenarios • 2 Inventory Control Techniques for Aviation Logistics — 5 classes › 2.1 Understanding the Basics of Inventory Control in Aviation Logistics › 2.2 Identifying Key Components of Warehouse Inventory Systems › 2.3 Implementing Stock Auditing Procedures in Aviation Warehouses › 2.4 Utilizing Technology for Inventory Monitoring and Accuracy › 2.5 Applying Inventory Control Techniques to Optimize Efficiency • 3 Technology and Tools in Warehouse Inventory Management — 5 classes › 3.1 Understanding Warehouse Management Systems (WMS) › 3.2 Integrating RFID Technology in Inventory Tracking › 3.3 Utilizing Barcode Systems for Efficient Inventory Management › 3.4 Leveraging Data Analytics for Optimizing Inventory Levels › 3.5 Implementing Software Solutions for Real-Time Inventory Monitoring • 4 Optimizing Inventory Management for ULD Operations — 5 classes › 4.1 Understanding ULD Inventory Basics › 4.2 Applying ULD Inventory Tracking Techniques › 4.3 Analyzing Inventory Data for ULD Operations › 4.4 Implementing Forecasting Methods in ULD Inventory › 4.5 Optimizing Efficiency in ULD Inventory Management

3

Operational Challenges and Problem Solving

4 chapters · 20 classes

45 marks

• 1 Understanding Warehouse & ULD Operations — 5 classes

- › 1.1 Exploring the Basics of Warehouse Operations
- › 1.2 Identifying Key Components of ULD Operations
- › 1.3 Analyzing Common Operational Challenges
- › 1.4 Applying Problem-Solving Techniques in Warehousing
- › 1.5 Integrating Efficient Solutions into Daily Operations

• 2 Identifying Key Operational Challenges — 5 classes

- › 2.1 Understanding Warehouse Operational Challenges
- › 2.2 Identifying Common Issues in ULD Operations
- › 2.3 Analyzing the Impact of Operational Disruptions
- › 2.4 Applying Problem-Solving Techniques in Warehousing
- › 2.5 Developing Strategies to Mitigate Operational Challenges

• 3 Problem Solving Techniques in Air Cargo Operations — 5 classes

- › 3.1 Understanding Common Challenges in Air Cargo Operations
- › 3.2 Identifying Root Causes in Operational Issues
- › 3.3 Applying Analytical Tools for Problem Solving
- › 3.4 Developing Effective Solutions for Common Problems
- › 3.5 Evaluating and Refining Problem Solving Strategies

• 4 Case Studies in Operational Problem Solving — 5 classes

- › 4.1 Analyzing Common Warehouse Challenges
- › 4.2 Identifying Root Causes of ULD Issues
- › 4.3 Developing Strategic Problem-Solving Techniques
- › 4.4 Implementing Solutions to Improve Operations
- › 4.5 Evaluating Outcomes and Continuous Improvement

4

Safety and Regulatory Compliance

4 chapters · 20 classes

65 marks

• 1 Understanding Warehouse Safety Protocols — 5 classes

- › 1.1 Identifying Key Warehouse Hazards
- › 1.2 Exploring Safety Signage and Labels
- › 1.3 Understanding Personal Protective Equipment Usage
- › 1.4 Implementing Safe Lifting Techniques
- › 1.5 Conducting Safety Inspections in Warehouse Environments

• 2 Introduction to ULD Safety and Handling Procedures — 5 classes

- › 2.1 Understanding ULD Safety Basics
- › 2.2 Identifying Potential Hazards in ULD Handling
- › 2.3 Mastering Safe Lifting and Moving Techniques
- › 2.4 Complying with ULD Regulatory Requirements
- › 2.5 Implementing ULD Safety Best Practices

• 3 Regulatory Frameworks Governing Air Cargo Operations — 5 classes

- › 3.1 Understand International Regulations for Air Cargo
- › 3.2 Identify Key Roles in Regulatory Compliance
- › 3.3 Explore National Compliance Requirements
- › 3.4 Analyze the Impact of Regulatory Changes on Operations
- › 3.5 Apply Compliance Practices in Cargo Handling

• 4 Implementing Safety Management Systems in Air Cargo — 5 classes

- › 4.1 Understanding Safety Management Systems in Air Cargo
- › 4.2 Identifying Key Safety Regulations and Compliance Standards
- › 4.3 Analyzing Risk Assessment Techniques for Air Cargo Operations
- › 4.4 Implementing Effective Safety Practices in Air Cargo Handling
- › 4.5 Evaluating the Effectiveness of Safety Management Systems

5

Unit Load Device (ULD) Handling

4 chapters · 20 classes

90 marks

• 1 Understanding Unit Load Devices: Types and Functions — 5 classes

- › 1.1 Identifying Different Types of ULDs
- › 1.2 Exploring the Functions of ULDs
- › 1.3 Analyzing the Benefits of ULD Utilization
- › 1.4 Distinguishing Between Certified and Non-Certified ULDs
- › 1.5 Understanding ULD Compatibility and Interchangeability

• 2 ULD Handling Procedures and Safety Standards — 5 classes

- › 2.1 Understanding ULD Components and Their Functions
- › 2.2 Recognizing ULD Safety Standards and Regulations
- › 2.3 Mastering Proper ULD Inspection Techniques
- › 2.4 Executing Safe ULD Loading and Unloading Procedures
- › 2.5 Applying Best Practices for ULD Storage and Handling

• 3 ULD Compatibility and Aircraft Configuration — 5 classes

- › 3.1 Understanding ULD Compatibility: Basics and Importance
- › 3.2 Identifying Different Types of ULDs and Their Uses
- › 3.3 Examining Aircraft Configurations for ULD Operations
- › 3.4 Assessing ULD Load Planning for Safety and Efficiency
- › 3.5 Applying ULD Compatibility Principles in Real-World Scenarios

• 4 Technology and Innovations in ULD Management — 5 classes

- › 4.1 Understanding ULD Technology Advancements
- › 4.2 Exploring RFID Tracking Systems in ULDs
- › 4.3 Implementing IoT Solutions for ULD Management
- › 4.4 Analyzing Data Analytics for Enhanced ULD Efficiency
- › 4.5 Applying Innovation Strategies in ULD Operations

• 1 Understanding Warehouse Layouts and Safety Protocols — 5

classes

- › 1.1 Exploring Warehouse Layouts: Basic Concepts and Importance
- › 1.2 Identifying Key Areas in a Warehouse: Zones and Workflows
- › 1.3 Analyzing Efficient Use of Space: Strategies and Techniques
- › 1.4 Understanding Safety Protocols: Introduction and Best Practices
- › 1.5 Implementing Safety Measures: Practical Guidelines and Procedures

• 2 Inventory Management Fundamentals in Air Cargo — 5 classes

- › 2.1 Understanding Inventory Basics in Air Cargo
- › 2.2 Identifying Key Components of Air Cargo Inventory Systems
- › 2.3 Analyzing Air Cargo Stock Levels and Turnover Rates
- › 2.4 Implementing Effective Inventory Control Techniques
- › 2.5 Solving Common Inventory Challenges in Air Cargo Operations

• 3 Efficient Handling of Unit Load Devices (ULDs) — 5 classes

- › 3.1 Understanding Unit Load Devices: Types and Functions
- › 3.2 Identifying and Selecting the Right ULD for Operations
- › 3.3 Safe Loading and Unloading Techniques for ULDs
- › 3.4 Maintenance and Inspection Procedures for ULDs
- › 3.5 Implementing Best Practices for ULD Efficiency

• 4 Technology and Automation in Warehouse Operations — 5 classes

- › 4.1 Understanding Warehouse Technology: Key Concepts and Tools
- › 4.2 Exploring Automation in Warehouse Operations: Benefits and Challenges
- › 4.3 Analyzing Automated Storage and Retrieval Systems (AS/RS)
- › 4.4 Implementing Robotics in Warehousing: Practical Applications
- › 4.5 Integrating Technology: Case Studies and Best Practices