

# ULD Build-Up Refresher Course

## Aligned with IATA ULDR, ICAO WBM and airworthiness standards

2 DAYS COURSE | MIN PARTICIPANTS | Available Languages: DE+EN

AIR CARGO HANDLING

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### Description

Refresh and update your operational competence in the safe and compliant build-up of Unit Load Devices (ULDs) in air cargo operations. The ULD Build-Up Refresher Course reinforces essential knowledge and practical skills required for compliant ULD handling in accordance with IATA ULD Regulations (ULDR), the ICAO Weight and Balance Manual (WBM), and international airworthiness standards.

The course revisits the key operational processes involved in preparing and building Unit Load Devices for aircraft loading and enables participants to review each step of the build-up process through practical and hands-on exercises. Participants refresh their knowledge of ULD types, aircraft contours and limitations, load distribution principles, and serviceability requirements. The training also focuses on regulatory updates, operational best practices, and common build-up errors identified in real-world operations. Through practical scenarios and hands-on exercises, participants strengthen their ability to apply correct shoring and lashing techniques, assess ULD serviceability, and ensure proper cargo restraint and load distribution. Particular attention is given to operational safety, regulatory compliance, and the correct handling of cargo during the build-up process. By the end of the course, participants will have refreshed their operational competence and be able to continue performing safe, efficient, and compliant ULD build-ups in line with current airline and regulatory requirements.

### Target group

- Airline cargo operations and load control staff
- Ground handling agents and ramp service personnel
- Freight forwarders and logistics providers
- Warehouse and ULD build-up teams in regulated facilities
- Operational and supervisory staff requiring recurrent ULD build-up competence in accordance with IATA ULDR and ICAO WBM standards

**Class location:** Classroom training in Europe, or worldwide in-company

**Included:** course material, certificate

### Learning objectives

- Refresher on Unit Load Device (ULD) types, identification, and operational limitations in air cargo handling.
- Review of regulatory requirements for ULD operations including IATA ULD Regulations (ULDR) and Weight and Balance principles.
- Identification of aircraft contours and loading limitations for narrow-body and wide-body aircraft.
- Refresher on Maximum Gross Weight (MGW), load distribution principles, and center of gravity considerations.
- Inspection of ULD serviceability and recognition of damage according to Operational Damage Limits Notice (ODLN) criteria.
- Review and application of correct shoring and lashing techniques for various cargo types.
- Reinforcement of build-up procedures from cargo acceptance to Ready-for-Carriage (R4C).
- Identification and correction of common build-up errors in operational environments.
- Coordination with airline load control, ground handling staff, and freight forwarders during ULD preparation.
- Application of operational procedures in irregular situations such as overweight cargo or contour deviations.

### Course outcomes

- Understanding of updated regulatory and operational requirements for ULD build-up, including current IATA ULD Regulations and operational safety standards.
- Knowledge of correct ULD handling, serviceability inspection, and load distribution principles required for compliant aircraft loading operations.
- Ability to safely perform and review ULD build-up procedures, applying correct shoring, lashing, and operational practices in daily air cargo handling.

