



# Unit Load Devices (Handling) —What's New

Manoj Menon

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Emirates

Chair of IATA ULD Board



# Overview

- IATA ULD Board (ULDB)
- Key Changes to 14<sup>th</sup> ULD Regulations (ULDR)
- Main Topics on ULDB Agenda



# IATA ULD Board (ULDB)

- Develop and maintain standards, recommendations and procedures concerning the specifications, handling, restraint and maintenance of ULDs and to promote the worldwide recognition, adoption of and adherence to those standards and procedures.
- Main functions:
  - ✓ ULD Regulations (ULDR) and ULD contents in other IATA publications
  - ✓ Construction and maintenance of ULD
  - ✓ ULD operations
  - ✓ ULD contour code application and allocation
  - ✓ ULD training requirements
  - ✓ ULD logistics management and control
  - ✓ Application of automatic identification technology to ULD
  - ✓ Liaison with other IATA groups, international organizations and regulators

# ULD Board Membership

The ULDB is comprised of the following members:

No.	Member	Term of Office			
1	Maël Rouinsard (AF)	2025	2026	2027	2028
2	Christopher Clark (UPS)	2025	2026	2027	2028
3	Jobies Chittilappilly (EY)	2025	2026	2027	2028
4	Manoj Menon (EK)	2025	2026	2027	
5	David Dubois (CV)	2025	2026	2027	
6	Yannick Veith (LH)	2025	2026	2027	
7	Tom Brodowski (UA)	2025	2026		
8	Gabriella Tamasi (IAG Cargo)	2025	2026		
9	Terry Waithe (AC)	2025	2026		
10	Saarth Bhanot (FX)	2025			
11	Frank Steinert (D0)	2025			
12	Adam Adamkowski (LO)	2025			

# ULD Technical Advisory Group Membership

No.	Name	Title	Company	Category
1.	Terry Waithe	Manager ULD Logistics and Cool Chain	Air Canada	Airlines
2.	Collin Shean Beng Chan	Assistant Manager A350F PMO	Singapore Airlines	
3.	Reinier Kleis	Technical Director	AviusULD	ULD/ accessories manufacturers (container, pallet, net and strap)
4.	Marcel Thran	Head of Construction and Development	DoKaSch GmbH	
5.	Jonathan Neeld	Senior Director of Engineering	CSafe Global	TCC manufacturers
6.	Weitao Gong	Chief Engineer	Qingdao Haier Biomedical	
7.	Erik Hallin	Chief Architect Active Containers	Envirotainer	
8.	James Homewood	Chief Engineer	AmSafe Bridport	FCC/ FRC manufacturers
9.	David Lee	Senior Vice President Engineering	Satco	
10.	Wes Tucker	COO Western Hemisphere	ACL Airshop	ULD repair stations/ service providers
				CLS manufacturers
11.	Darrin Noe	Associate Technical Fellow	Boeing	Aircraft manufacturers
12.	Dominique Grisel	Cabin & Cargo programme- Cargo guidance manager	Airbus	
13.	Jamie Lessard	Aerospace Engineer	FAA	Invited CAAs
14.	Vincenzo Pasquarelli	Project Certification Manager	EASA	
15.	Diego Alonso-Tabares	Senior Engineer	Airbus	Chairman or Vice Chairman of ISO TC 20/ SC 9 and SAE AGE-2
16.	Dan Ziegler	Chief Commercial Officer	MACRO Industries	
17 - 20				Vacant Positions



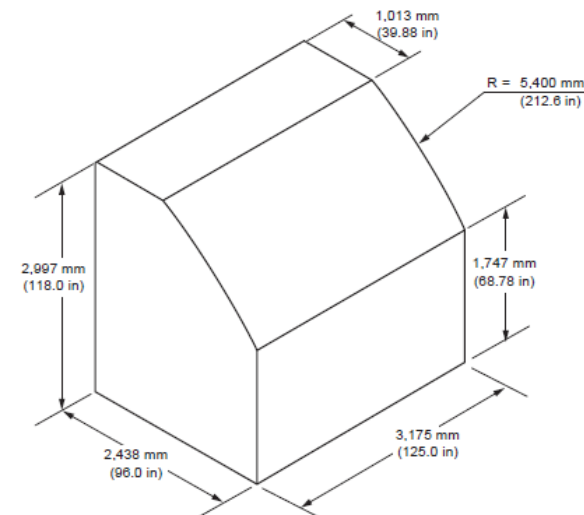
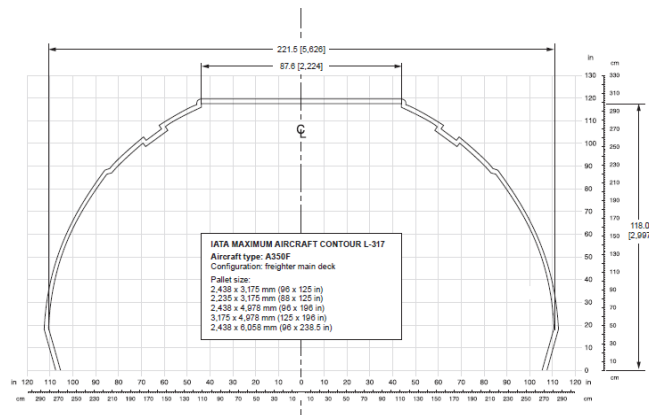


# ULD Operational Advisory Group Membership

No.	Name	Title	Company	Category
1.	Ayman Mohamed Ramadan	ULD Control Manager	Egyptair Cargo	Airlines
2.	Terry Waithe	Manager ULD Logistics and Cool Chain	Air Canada	
3.	Jorge Oquendo	Manager Cargo Ops and Planning Coordination	American Airlines	
4.	Samuel Njoroge	Manager Ramp Services	Kenya Airways	
5.	William Fonstantien	Assistant Manager, Ground Services	Hactl	Ground Service Providers
6.	Cengiz Günaydin	Cargo Director	Çelebi Hava Servisi A.Ş.	
7.	Harender Singh Negi	IOSA & ISAGO Auditor	Fly Safe Aviation	
8.	Lenny Thaiuru	Global Learning Program Manager for Cargo	Swissport International	
9.	Thota Balaji	Director	The Aero minds Training and Consultancy	
10.	Markus Muecke	Managing Director	Im3pact AG	Freight Forwarders
11.	Zhen Pang	Operation & Maintenance Manager	Qingdao Haier Biomedical	TCC manufacturers
12.	Bart Roters	Head of Global Fleet and Network Management	Envirocontainer	
13.	Tom Wyatt	Fleet Logistics Manager	Sonoco Thermosafe	
14.	Rishani Dissanayake	Program Manager	AmSafe Bridport	FCC/ FRC manufacturers
15.	Dominique Grisel	Cabin & Cargo programme-Cargo guidance manager	Airbus	Aircraft manufacturers
				GSE manufacturers
				CLS manufacturers
16.	Wes Tucker	COO Western Hemisphere	ACL Airshop	ULD Service Providers
17.	Irma van Buuren	Director	Unilode Aviation Solutions	
				Airports and/ or Airports Council International (ACI)
18.	Steven Fox Brent Barker	Aviation Safety Senior Aerospace Engineer	FAA	Invited CAAs
19.	Urs Wiesendanger	President	ULD CARE	ULD CARE Representative
20.				Vacant Position

# Key Changes to 14<sup>th</sup> ULD Regulations (ULDR)

- To support standard ULD operations on the newly introduced Airbus A350 Freighter Main Deck, several updates have been made across the ULDR:
  - ✓ Section 2: Updated aircraft contour information
  - ✓ Section 4: Introduction of a new aircraft container contour code 'W', forming the new ULD Type Code 'AMW'
  - ✓ Section 5: Maximum allowable contour details for code 'W', along with aircraft compatibility information



# Key Changes to 14<sup>th</sup> ULD Regulations (ULDR)

- Recognizing that using incompatible pallets and nets violates safety requirements, we've enhanced the SS 50/5 Pallet and Net Compatibility information in Section 5 to improve clarity and usability.
- Section 6 will feature an update to OS 6/12 Aircraft Engine Carriage, aligning it with the ICHM Appendix L
- In support of IATA Cargo's sustainability initiatives, a new Appendix J will be introduced, offering guidance on conducting Life Cycle Assessments (LCA) for ULD.



# Key Changes to 14<sup>th</sup> ULD Regulations (ULDR)

- Following the successful adoption of the Competency-Based Training & Assessment (CBTA) approach two years ago, a new matrix template focused on the ULD build-up function will replace the current Appendix G and being referred to in Section 1.6 under ULD Training Requirements.
- The Glossary section will be revised based on recommendations from the Definition Alignment Task Force (DATF), ensuring greater consistency and clarity across terminology.

# Main Topics on ULDB Agenda

- Updates on 'Lithium Ion Cell Fire Testing Requirements for FRC/FCC'
- Improvements to ULD/Special Load Safety Incident Taxonomy in the GADM/ IDX program
- Root cause analysis and safety awareness on falsified TSO Tags
- Guidance for restraint strap interlining
- Alignment and harmonization of ULD/Special Load working instructions in ULDR and ICHM
- Review of 'IATA Standards Compliance – Shipper Built ULD (SBU)'
- Implementation of CBTA methodology for ULD training requirements

# Main Topics on ULDB Agenda

- Listing approved ULD tracking devices on IATA ONE Source
- Implementation of ONE Record data sharing standards for ULD tracking
- Future of IATA ULD ID Code standard format
- Clarification on regulatory requirements for ULD repair
- Continued improvement of the ULD Regulations and ULD content in other IATA publications
- Continued driving the alignment and harmonization of ULD standards across IATA ULDR/ISO /SAE





Thank You!

Working together  
to shape the future