

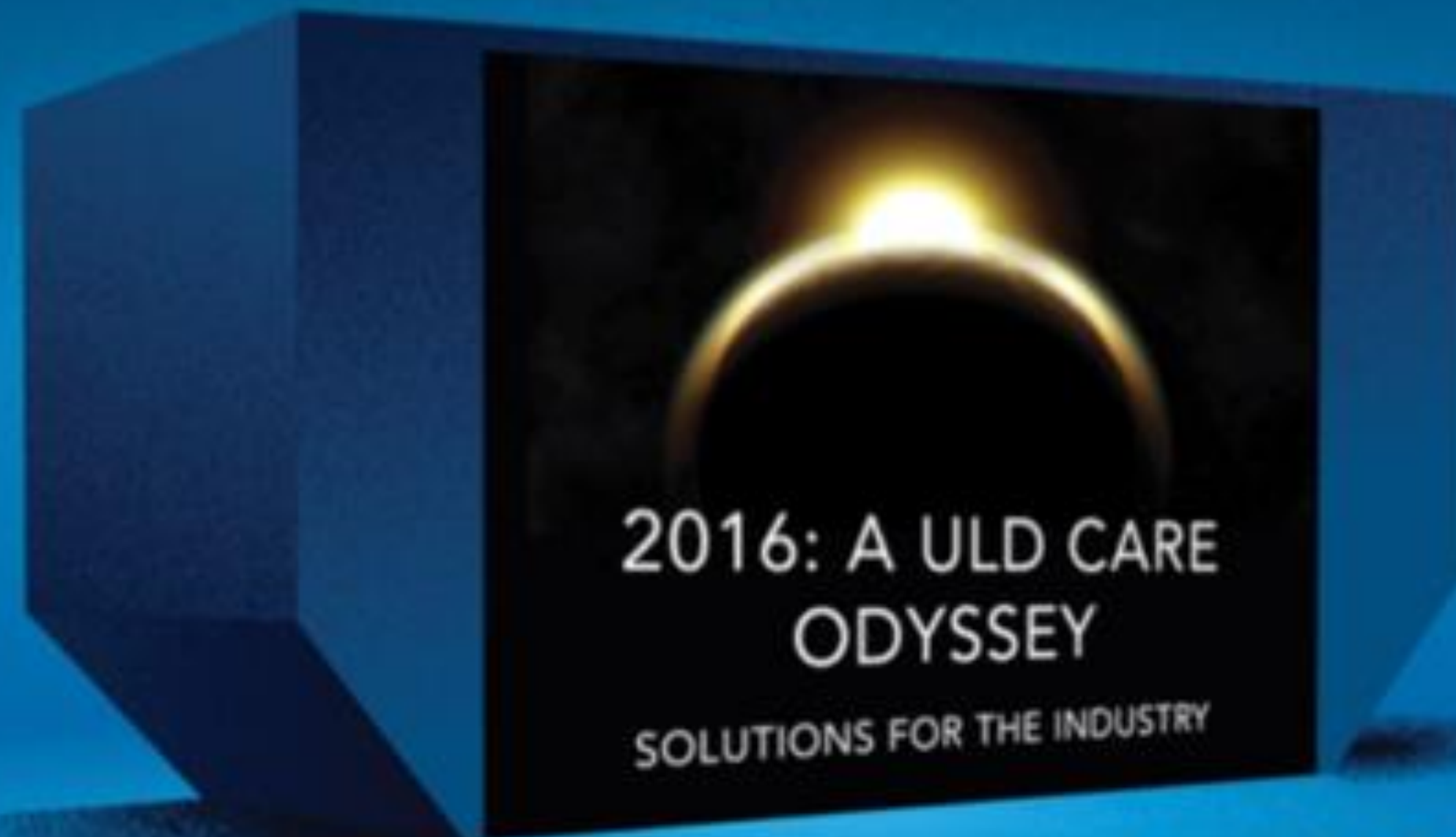


2016: A ULD CARE ODYSSEY - SOLUTIONS FOR THE INDUSTRY



Compliance Airworthiness Regulations Education

29TH ANNUAL
CONFERENCE



2016: A ULD CARE
ODYSSEY

SOLUTIONS FOR THE INDUSTRY

**A GOOD TIME TO
JOIN THE CONVERSATION**



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THE LAST 12
MONTHS





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INDUSTRY MEETINGS



Payload Asia 2015



ULD Regulatory Forum
2015



WCS 2016

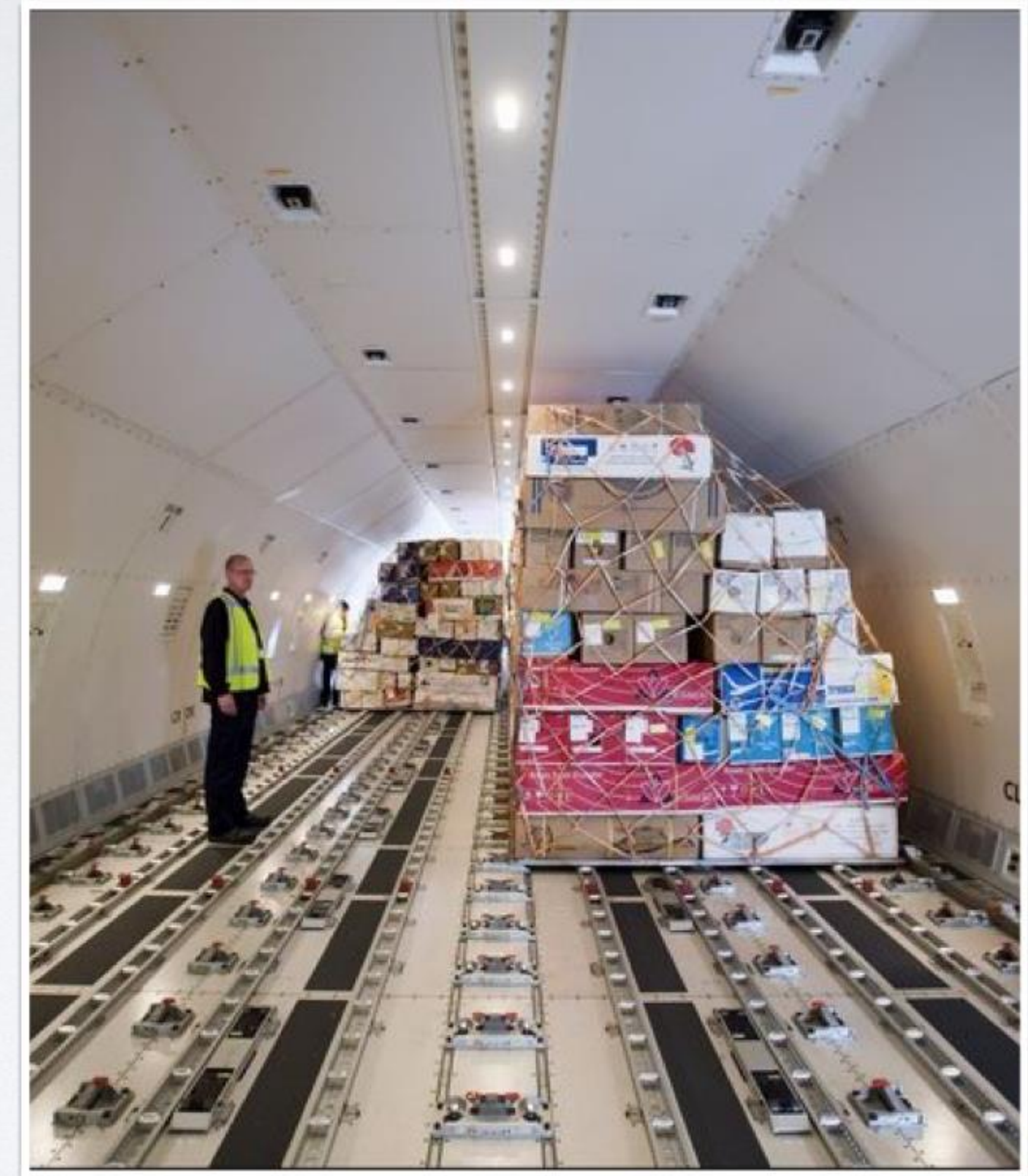


IGHC 2016



STILL TO COME

- Lithium Batteries ULD Workshop- IATA IRM meeting Montreal- September
- Workshop and plenary presentation- ACH Dubai- September
- Plenary presentation Payload Asia Conference- September





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PRINT MEDIA





OUTREACH

- FIATA
- Airport Council International
- Ground Handlers



*the global voice of
freight logistics*





WIIFM !!!!

Whats In It For Me?

The Ground Handling Industry doesn't get it !

Time for IATA and ULD CARE to jointly develop and launch some new initiatives to get the ground handlers attention.



ECONOMICS vs. BEST PRACTICES

- Are the ground and cargo handling activities in a death spiral?
- Where does this leave ULD handling and operations?
- Where is the safety component?

GROUND HANDLING

SATS and dnata Fight Contract Battles at Lower Rates Despite Operating Costs

BY VESNA BRAJKOVIC ON JUL 12, 2016

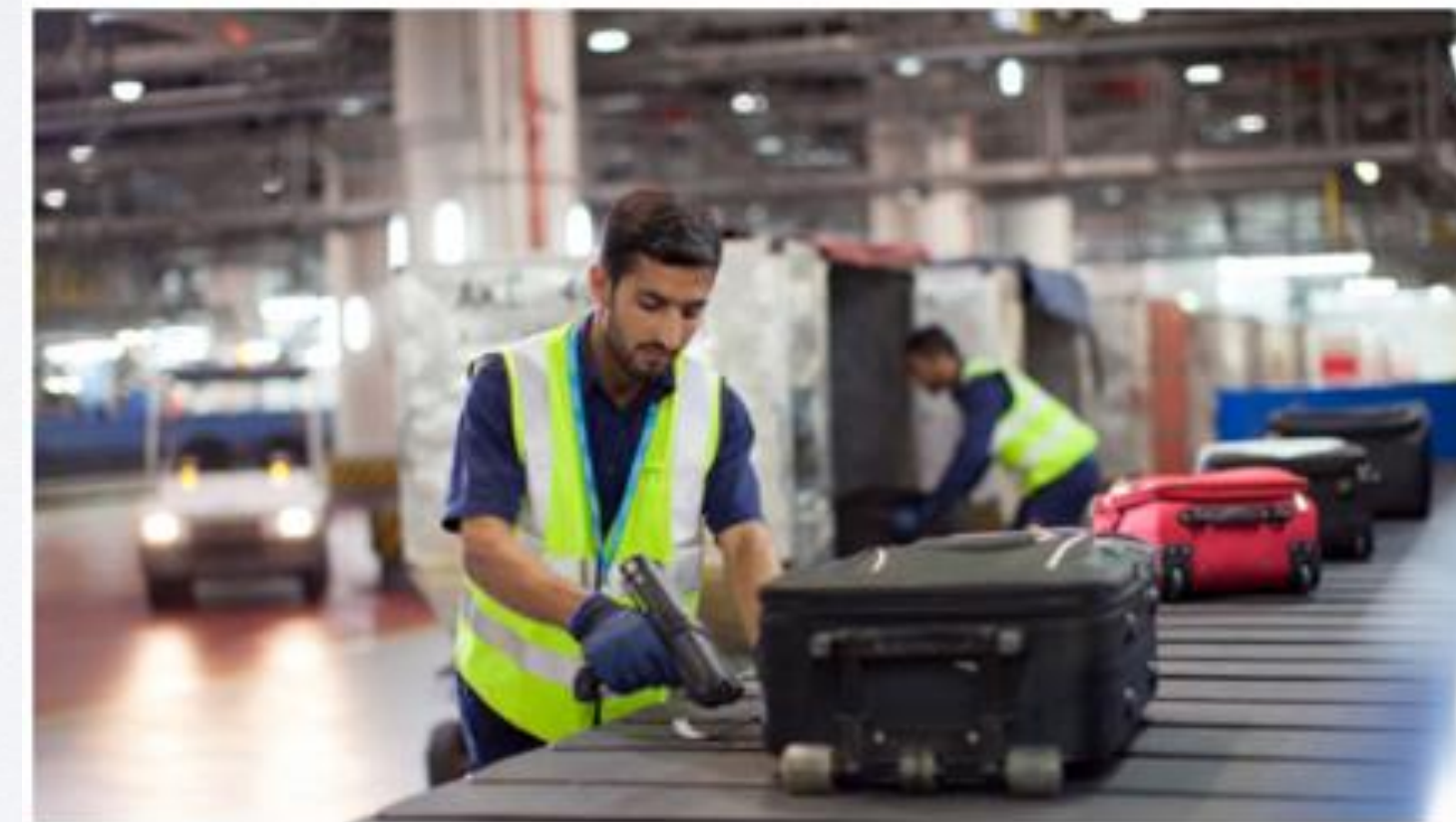


Photo credit: dnata Media Resources [\[http://www.dnata.com/english/news-and-features/resources/\]](http://www.dnata.com/english/news-and-features/resources/)

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Contract renewal battles at Changi Airport Singapore between ground handlers, Singapore Airport Terminal Services (SATS) and dnata, have forced low rates for future operations while operating costs remain high.

For example, according to Today Online, the turnaround cost of operating full-service to a Boeing 737 has gone down around \$400 USD, and the charge for handling a Airbus 320 is down 30 percent compared to a few years ago.

Safer, Smarter & Best-in-Class
The World's most innovative Aircraft Tug

dnata Xc

WE SAVE YOU MONEY - CLICK HERE TO LEARN MORE



INDUSTRY

DEVELOPMENTS

- Cargo restraint
- Lithium Battery Risk Mitigation
- Regulation of the Ground Handling Industry



CARGO RESTRAINT

- AC 120-85A
- Boeing WBM Supplement
- Use of straps
- Intermodal container carriage
- Size Code B-MIL pallets
- Aircraft Engine Transport
- Pallet coupler devices





LITHIUM BATTERY RISK MITIGATION

- ICAO International Multidisciplinary Lithium Battery Transport Coordination Meeting (July 2015)
- ICAO ruling on carriage of Lithium batteries
- Continuing development of both standards and products
- ULD as a risk mitigation strategy





REGULATION OF THE GROUND HANDLING INDUSTRY

- Will it happen?
- If it does then:
 - When?
 - How?
 - By Who?
- Where will ULD fit?





WHAT CAN POSSIBLY GO WRONG

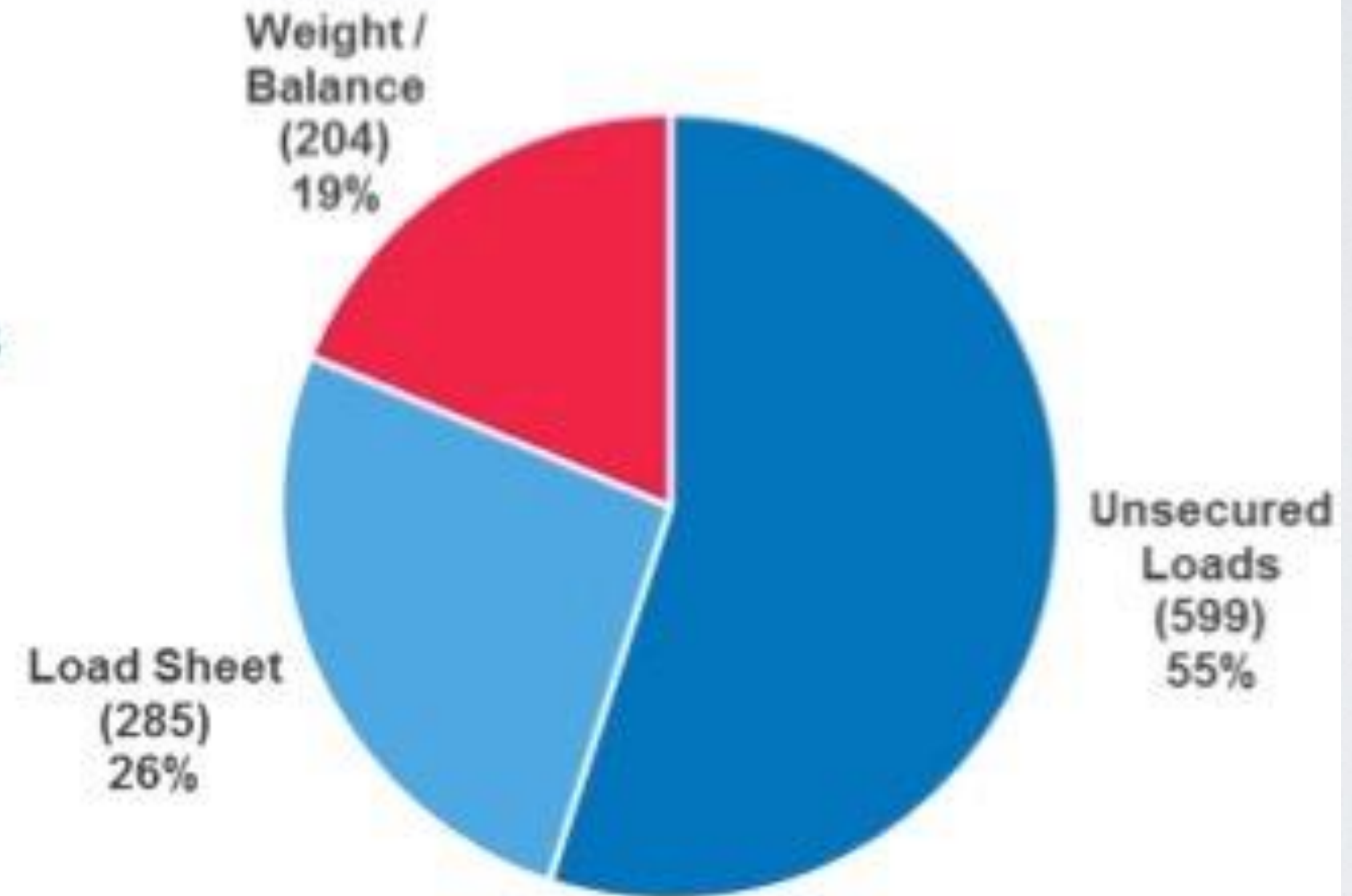
Peter Hunt
Global Aviation Data Management
IATA





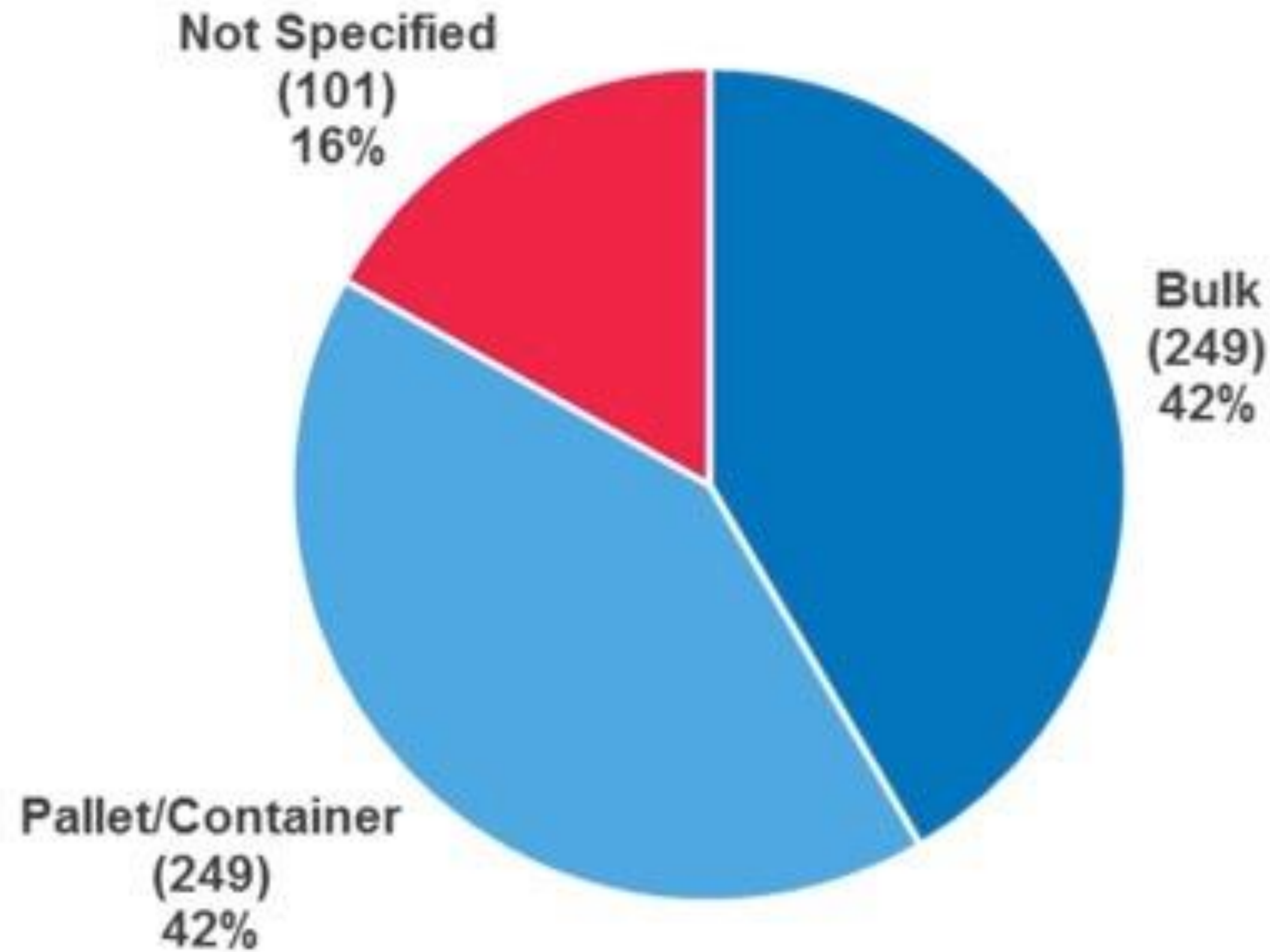
So what goes wrong?

- A random data sample of 1088 reports was broken down into 3 categories of aircraft loading issues:
- **Unsecured Loads:** The loads were not secured due to OPS handling, procedures not followed, or faulty equipment.
- **Load Sheet:** Errors in the load sheet for departure due to load sheet preparation procedures not being followed.
- **Weight / Balance:** Undesired change in weight / balance due to documentation errors.



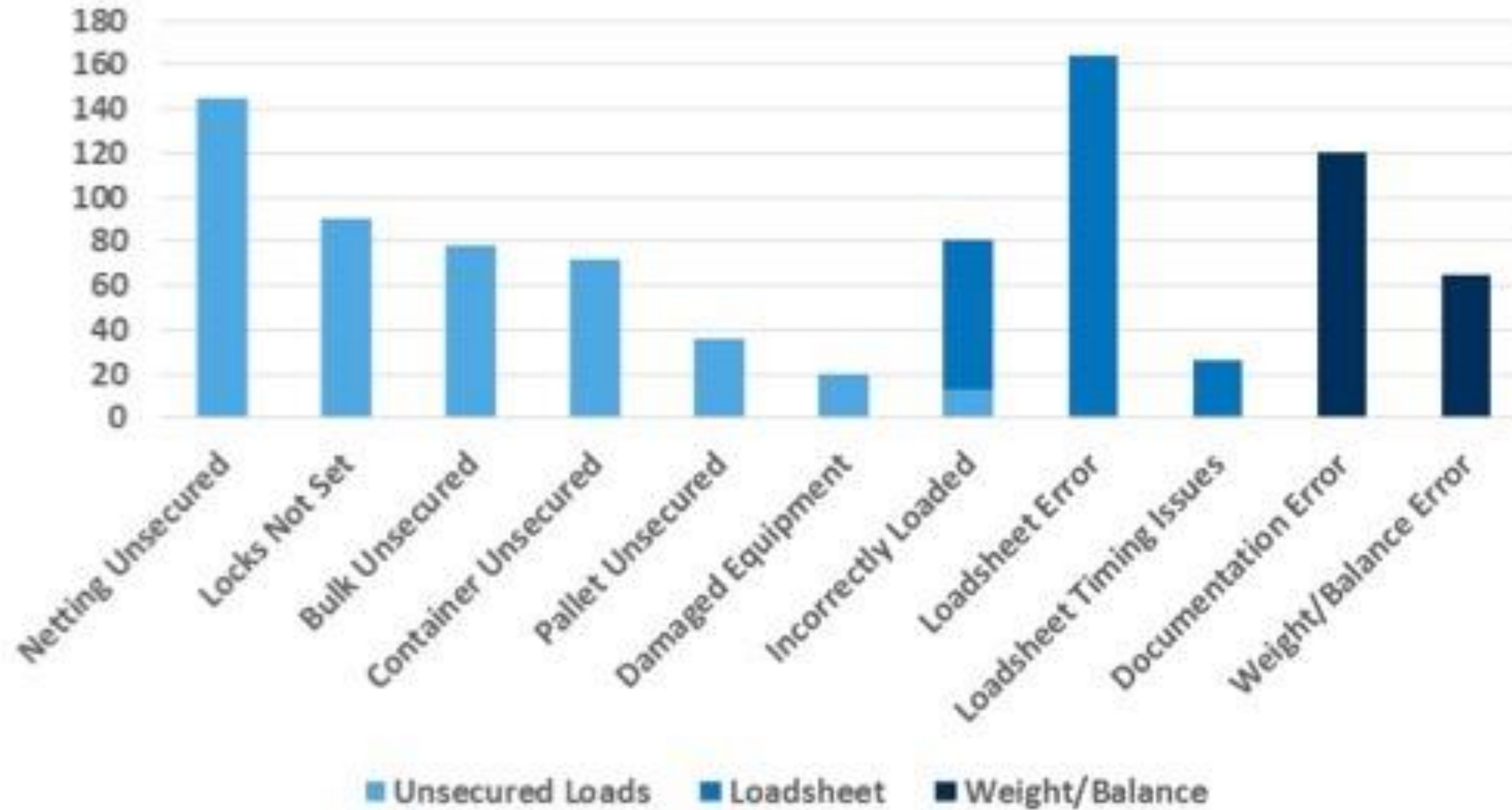


What's moving?





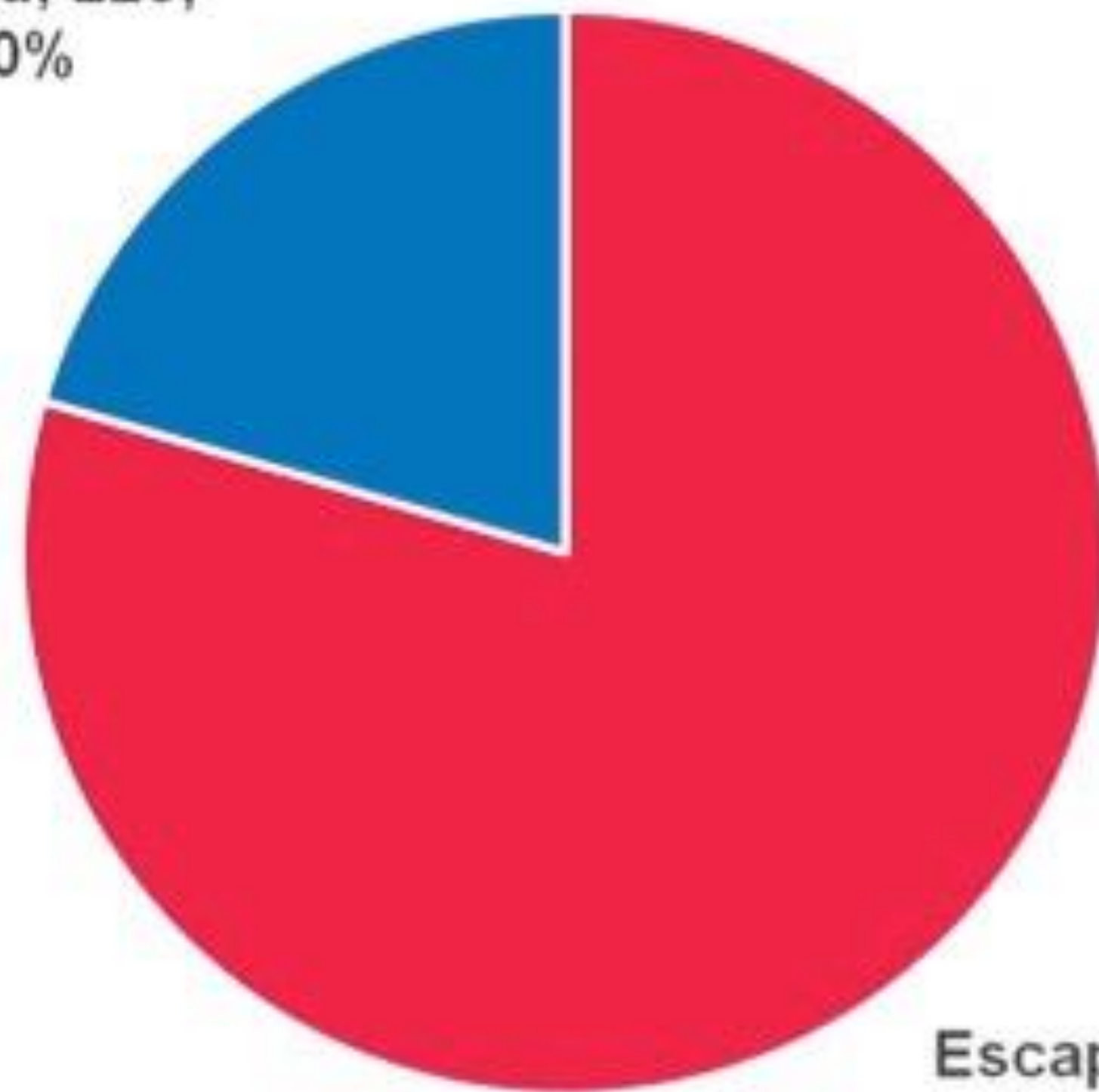
Broken down further...





When are the issues being identified?

Found, 223,
20%



Escape (865)
80%

- Found: Errors identified and rectified before the aircraft is pushed back.
- Escapes: Errors that are found after pushback, mainly on arrival by unloading staff.

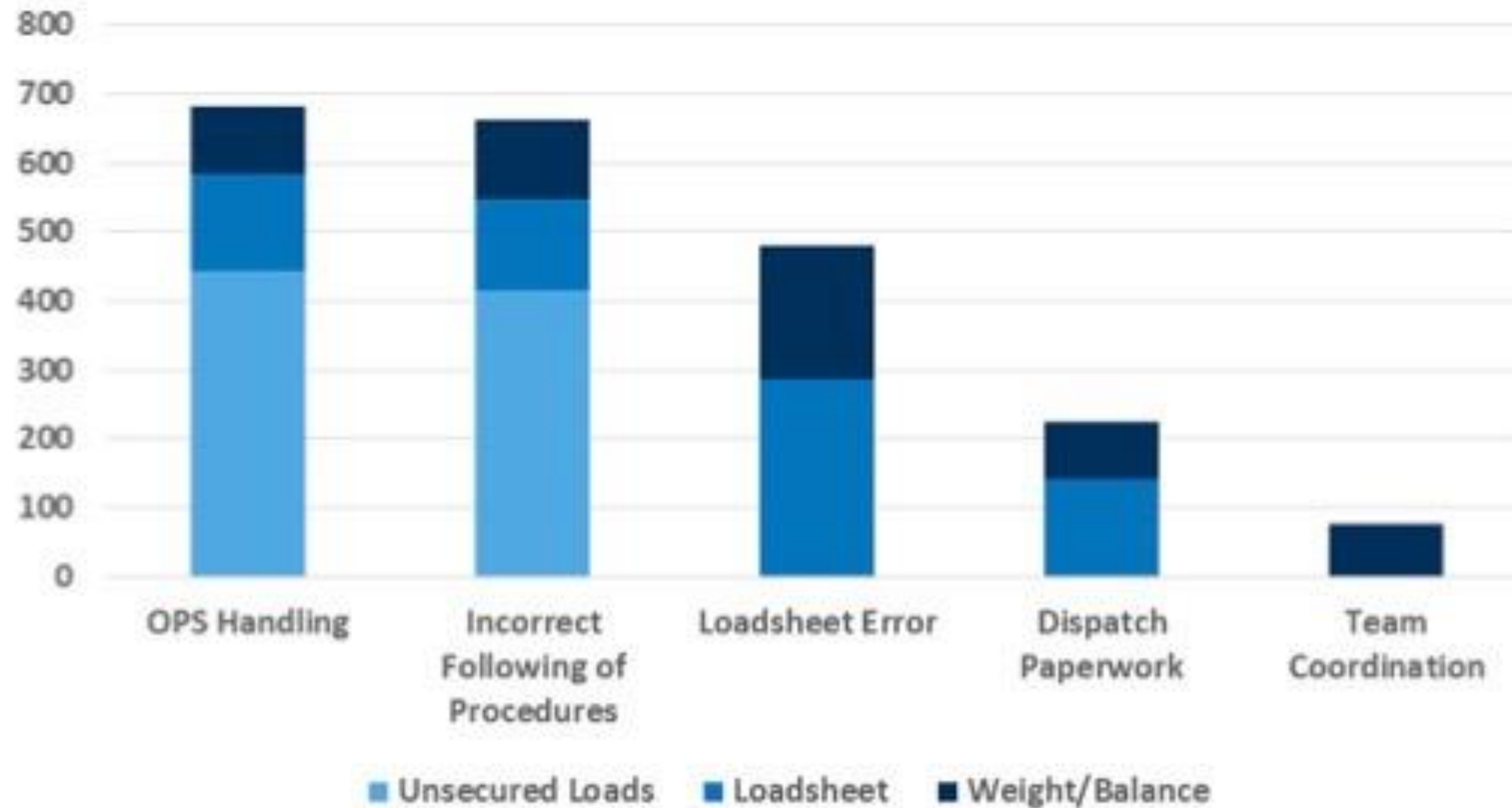




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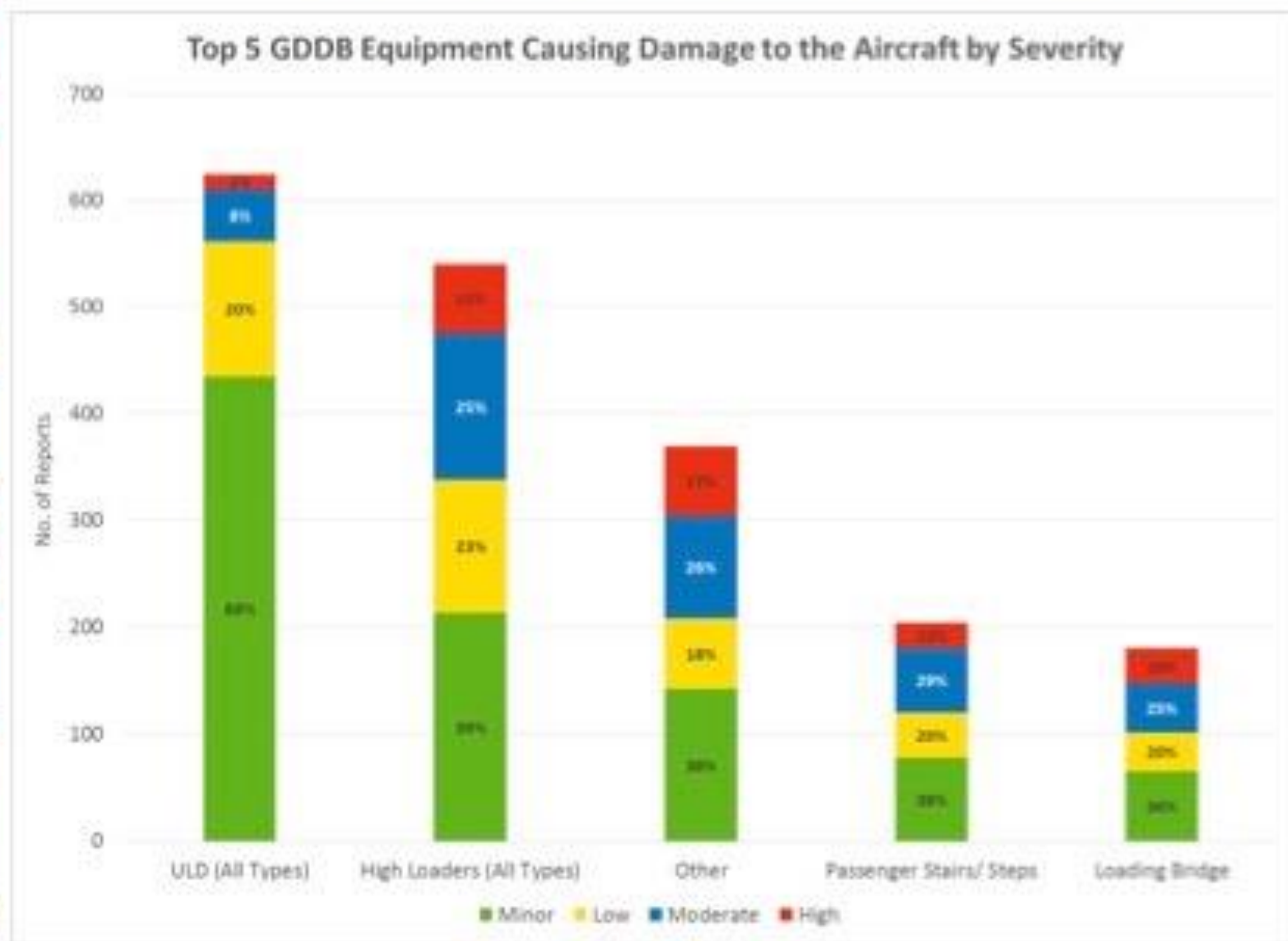


Why...





What about Damage?



- ULD is the No.1 piece of equipment causing damage to the aircraft.
- 70% of reports require no maintenance action and no delay is recorded.
- However, delays and maintenance actions are required if the sidewall skin is punctured as this affects the fire protection and airworthiness of the aircraft.



COMPETENCE REMAINS THE WEAK LINK

- Ten's of thousands of people working with and around ULD without adequate skills
- Widespread reliance on tribal knowledge

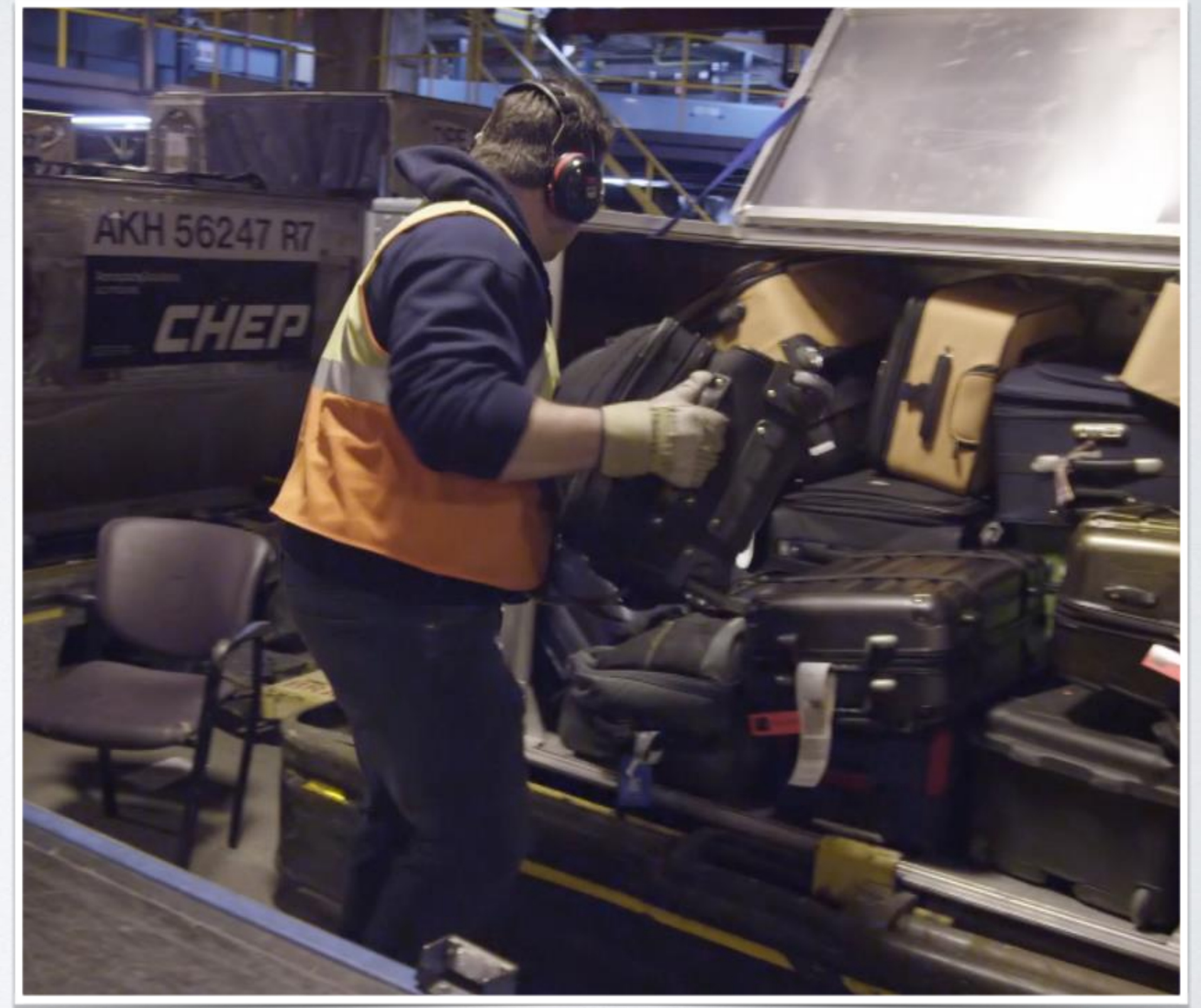




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TRAINING





IATA INITIATIVES

- Training section of ULDR extensively re written for 4th edition
- IATA ATS Initiative
- IATA Train the trainer course





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DISAPPOINTING INDUSTRY RESPONSE





IATA ULD TRAIN THE TRAINER

Rome

17 -21 October 2016

ULD Train the Trainer

Course schedule

Day 1

- **ULD and aircraft**
 - ULD airworthiness requirements
 - Applicable regulatory requirements
 - ULD design standards and certification
- **Exercises (group work)**
 - Plan a Model 1 course curricula
 - Delivery of course curricula
 - Design an in-house ULD flight safety quality program

Day 3

- **ULD handling**
 - The importance of proficiency in ULD handling activities
 - Storage, transport and other ULD handling
- **Exercises (group work)**
 - Plan the main points of Module 3
 - Design material for performing station audits on ULD handling
 - Question and answer forum

Day 5

- **Special purpose ULD**
 - Thermal and temperature controlled ULD
 - Fire containment covers and fire resistant containers
 - Vehicle and animal ULD
- **Exercises (group work)**
 - Create briefing material on the flight safety and ground handling of ULD for presentation to (a) senior management (b) contracted service providers, and (c) related in-house departments.

Day 2

- **ULD operations**
 - Limitations of aircraft and ULD
 - Operator and other party's responsibilities
 - Application of regulations and safety standards to ULD build-up
- **Exercises (group work)**
 - Include Module 2 into your concept
 - Develop procedures that ensure only airworthy ULD are loaded into aircraft
 - Feedback

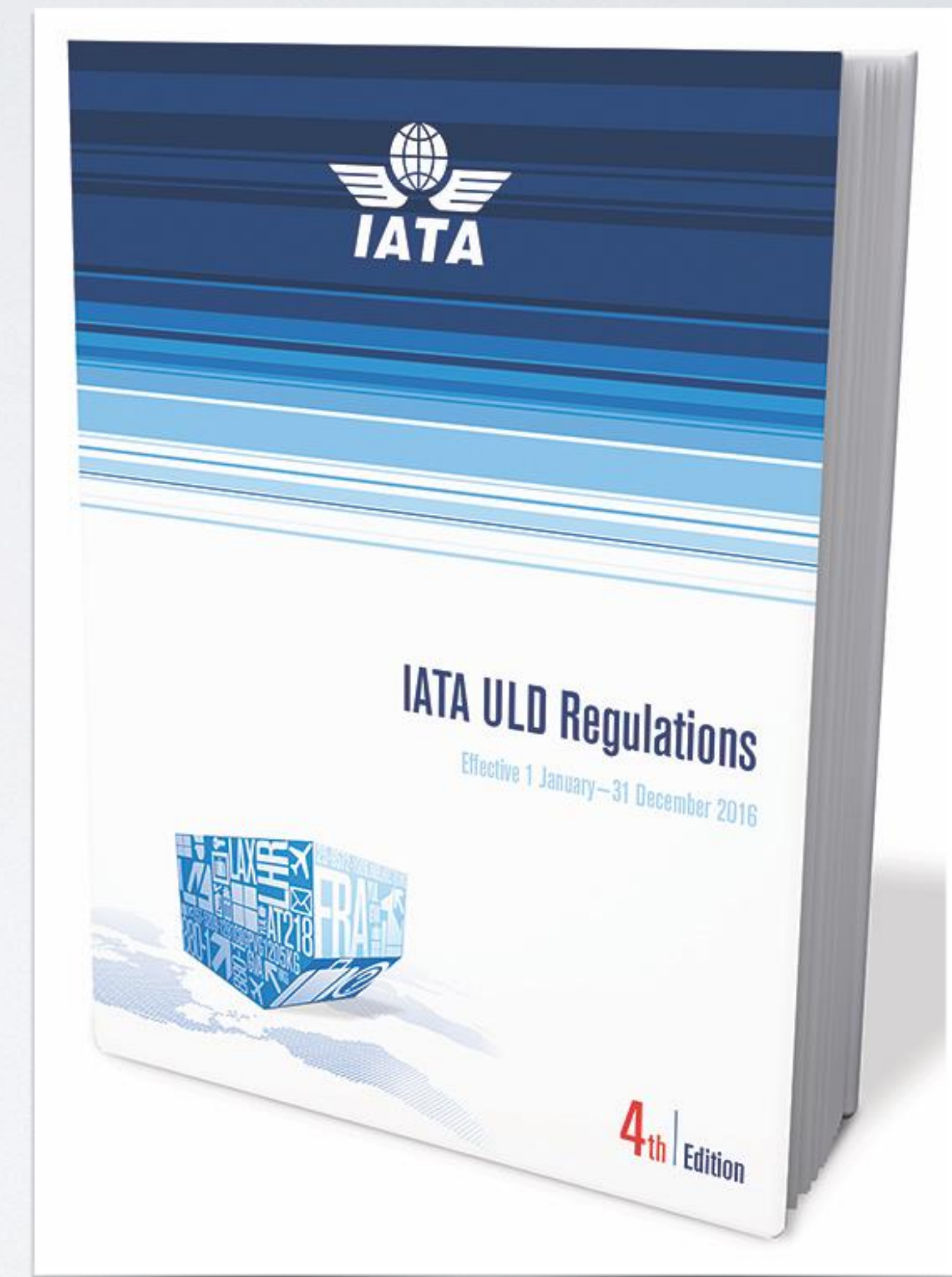
Day 4

- **Going beyond the basics**
 - Cargo nets and straps
 - Basics of an aircraft cargo loading system
 - Special cargo
 - What can possibly go wrong?
- **Exercises (group work)**
 - Develop a ULD operating procedures manual for a cargo terminal
 - Presentation



STANDARDISATION

- 4th Edition published 1 Jan 2016
- 5th Edition on its way
- Ongoing discussion about ULDR Lite or similar





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ULDCARE

Compliance Airworthiness Regulations Education

ULD CARE



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WEB SITE UPGRADE



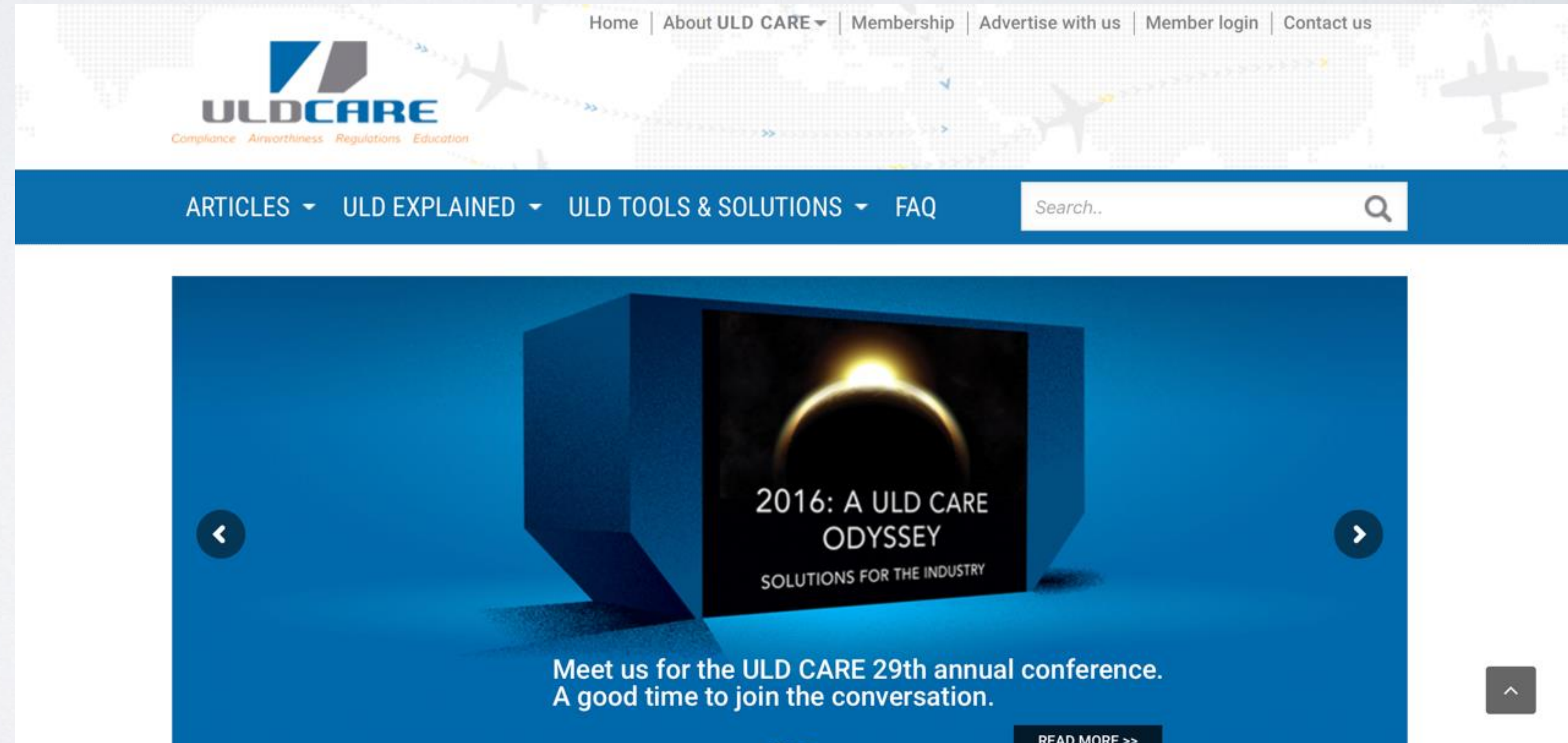


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THE FACE OF ULD CARE

- Complete refresh of the ULD CARE web site
- Desktop/laptop/tablet/phone compatible
- Highly searchable
- New content



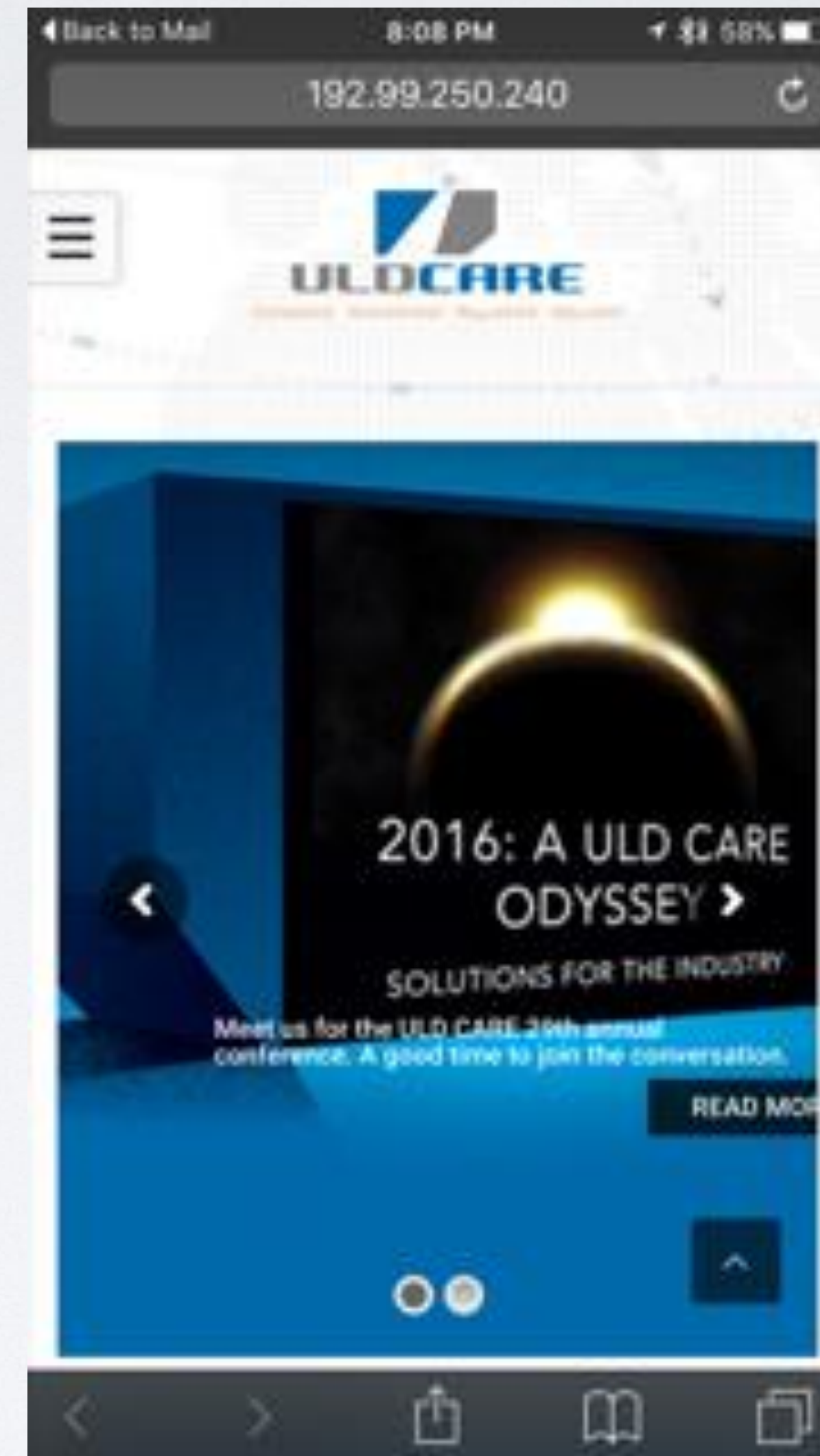


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SOCIAL MEDIA

- LinkedIn- up and running
- Facebook- pending

The screenshot shows the LinkedIn profile page for ULD CARE. At the top left is the company logo. To its right, the name 'ULD CARE' is displayed in bold, followed by the industry 'Aviation & Aerospace' and employee count '1-10 employees'. On the far right, it shows '172 followers', a 'Following' button with a checkmark, and an 'Edit' button with a dropdown arrow. Below this is a navigation bar with 'Home', 'Analytics', and 'Notifications' tabs. A dark 'Admin Center' bar is visible below the navigation. The main content area is split into two columns. The left column is titled 'Drive engagement' and contains a text box for 'Share an update', a dropdown menu for 'Share with: All followers', and a blue 'Share' button. The right column is titled 'Today's social actions' and contains the text: 'Sorry, no activity on your content today. Post an update to start a conversation with your community.' At the bottom, there are two banners: one on the left with a gear icon and the text 'Customize your image when you post a link!', and one on the right with the text 'Picture Yourself at ACS'.



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TRANSITION FROM
IMAGE TO
SOLUTIONS
2016 marks a
realignment of ULD
CARE's ambition, SOS-
ULD put ULD on the
map, solutions keep us
on the map !





SOLUTIONS

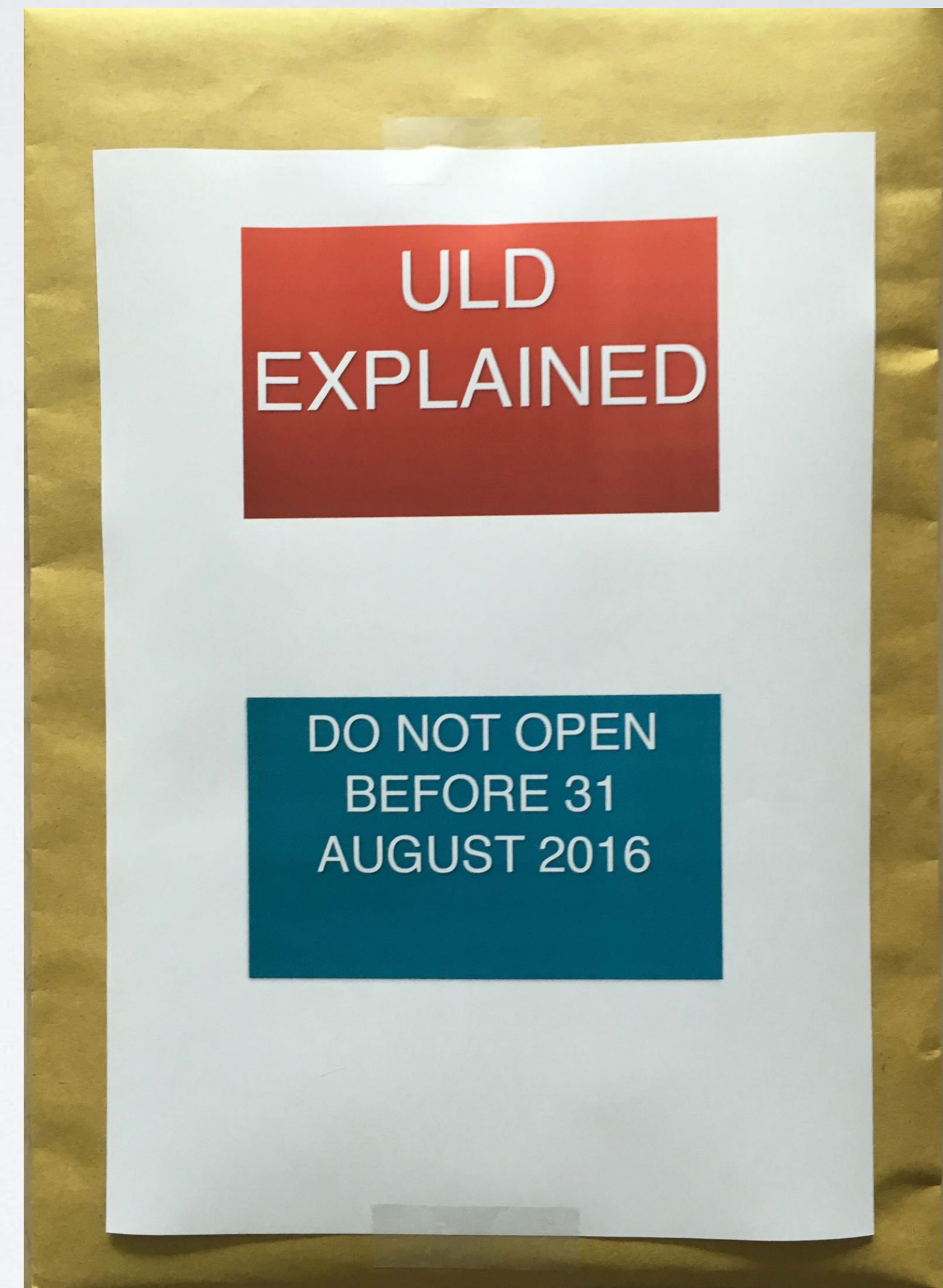
1. ULD Explained
2. ULD CARE ULD Code of Practise
3. ULD Job Aid by ULD CARE





ULD EXPLAINED

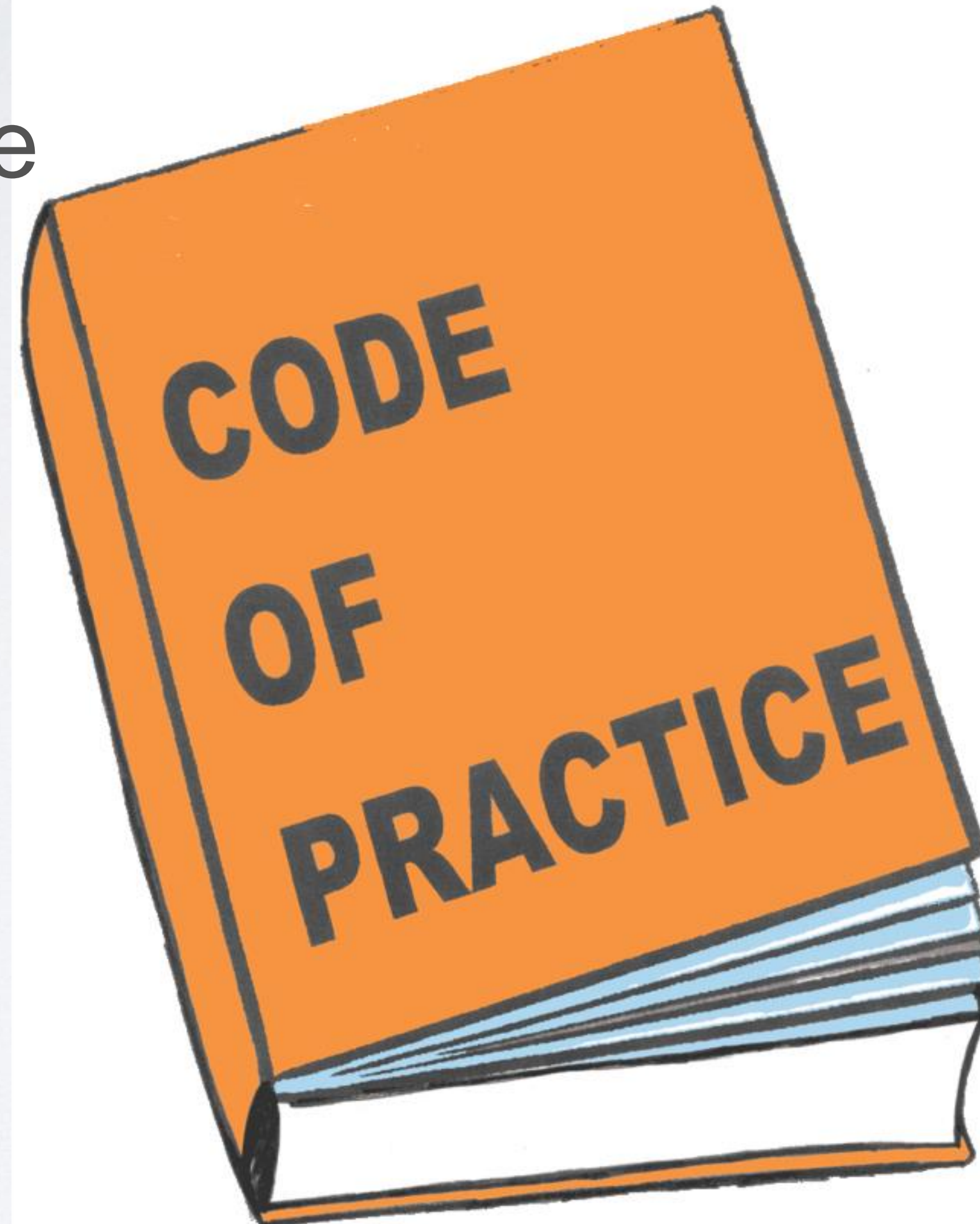
- Fill the gap between the ULDR readership and the rest of the air cargo industry





ULD CARE ULD Code of Practise

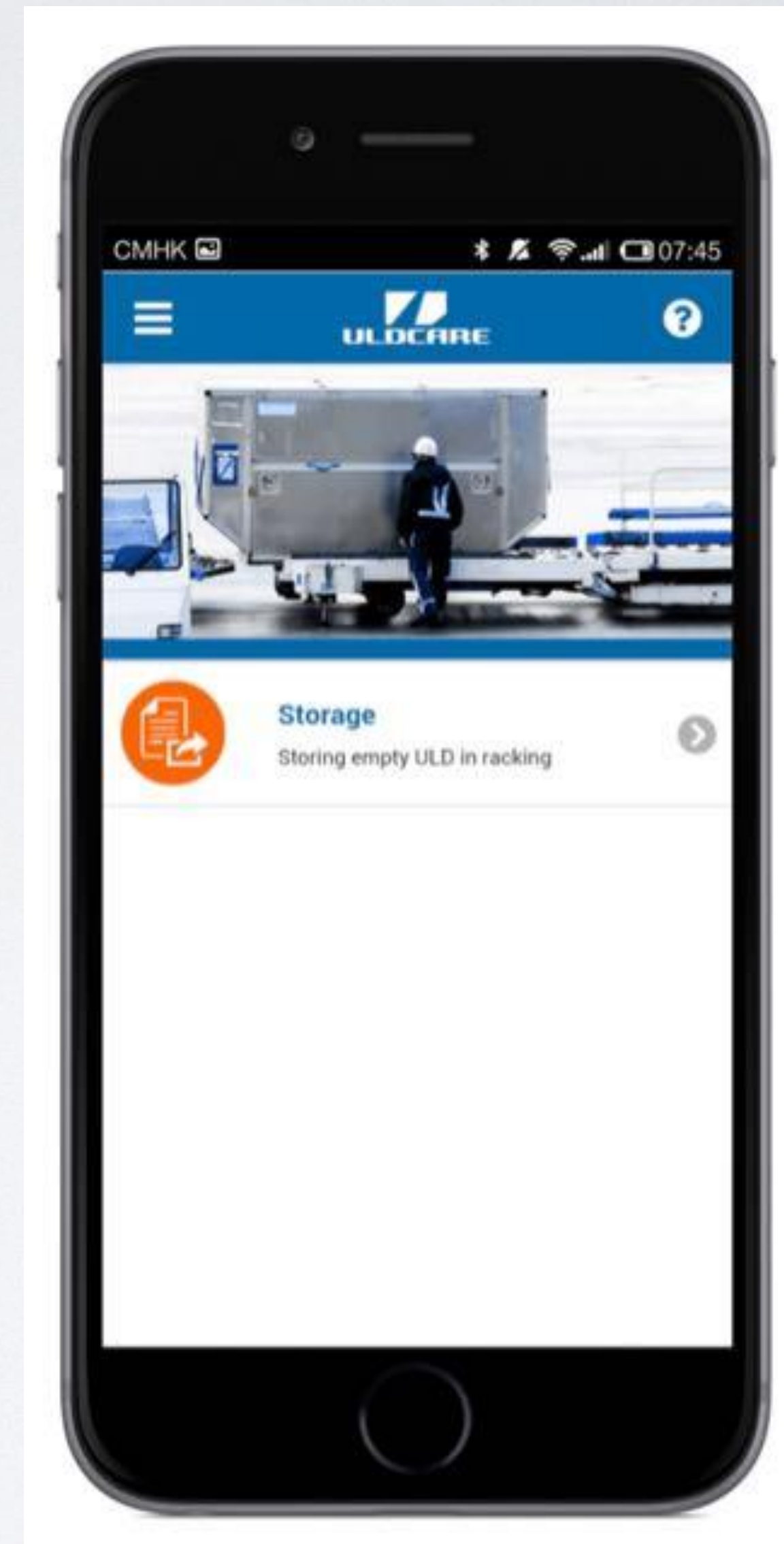
- Provide an industry wide framework for the correct handling and operation of ULD.
- Voluntary sign up
- No cost
- Common in other fields





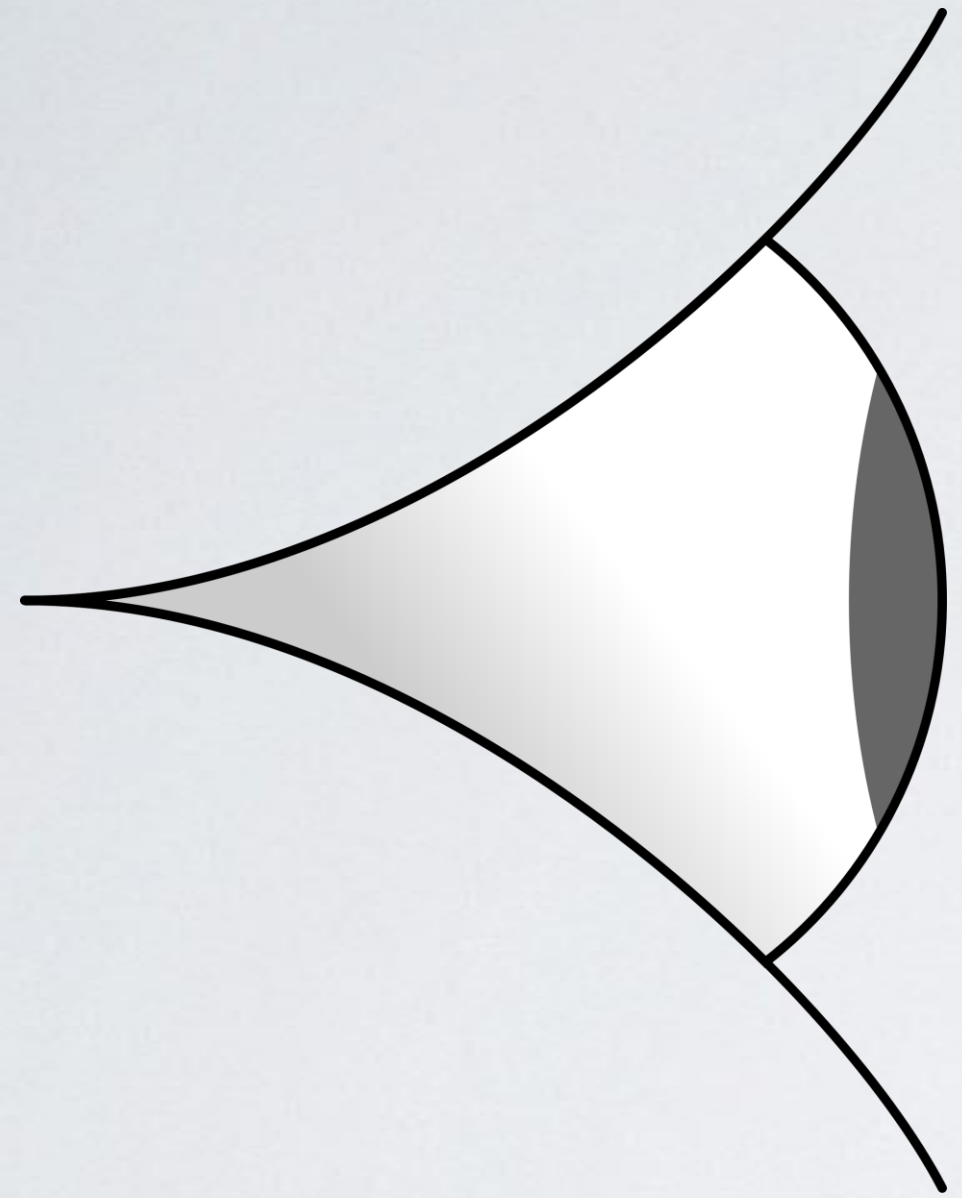
JOB AID BY ULD CARE

- Application for all electronic devices
- Delivers Job Aid instructions to operators in a convenient and modern manner
- Provides management with real time monitoring of staff knowhow.

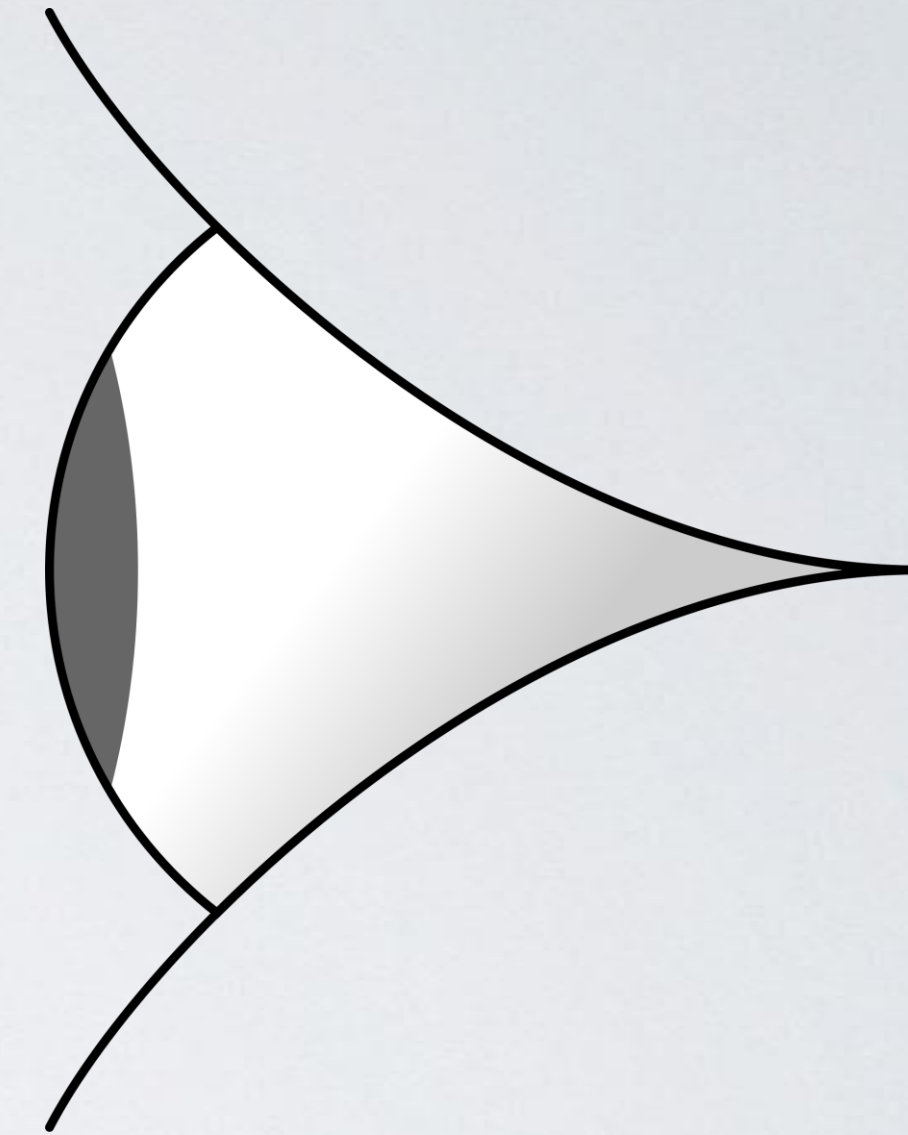




DIFFERENT POINTS OF VIEW



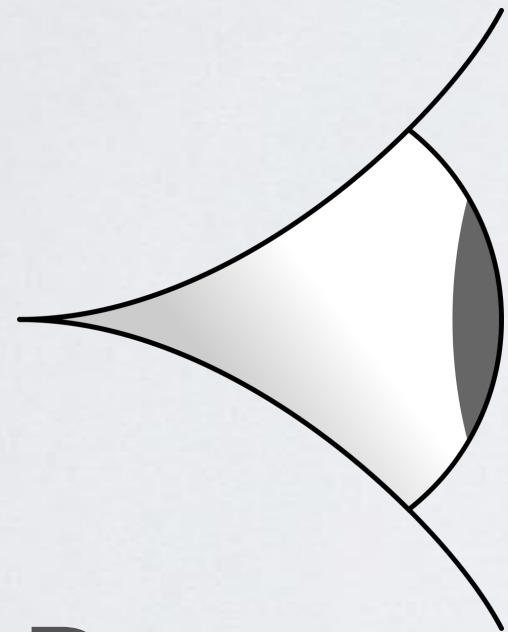
ULD manager point of view is that its ULD assets will be treated with due care



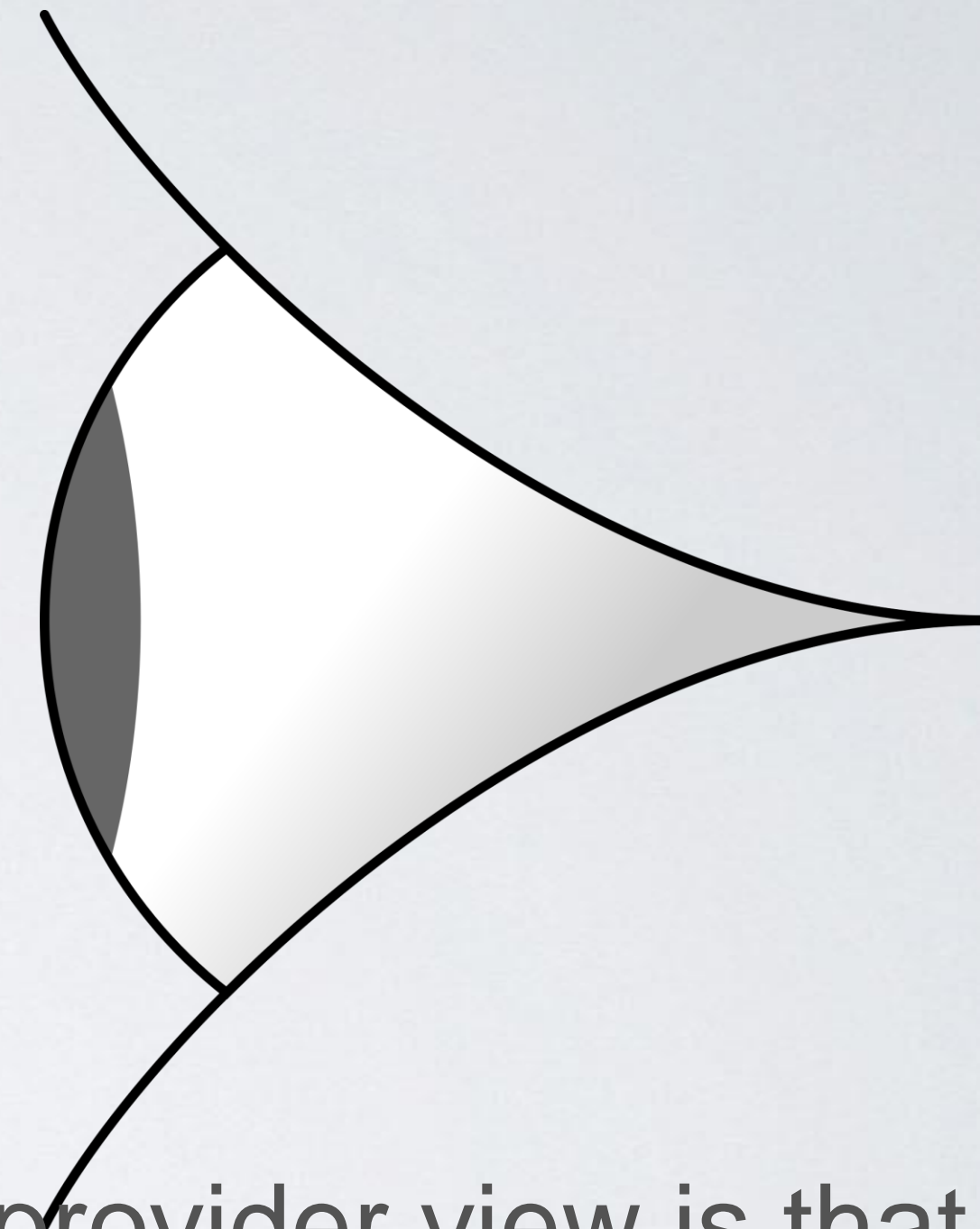
Service provider view is that all they have to do is get the baggage and cargo on and off the plane as cost effectively(cheaply) as possible



DIFFERENT POINTS OF VIEW



ULD manager point of view is that its ULD assets will be treated with due care



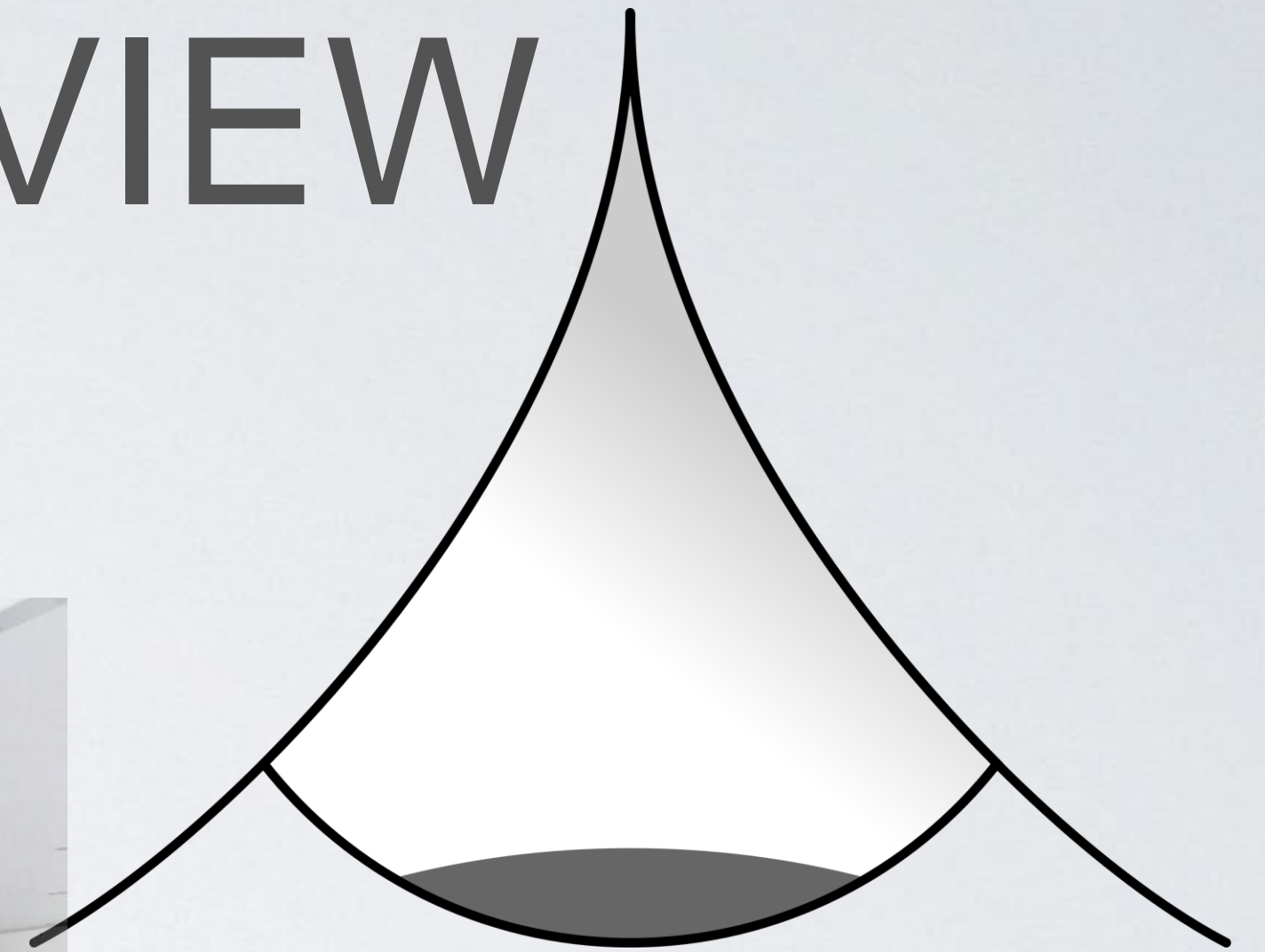
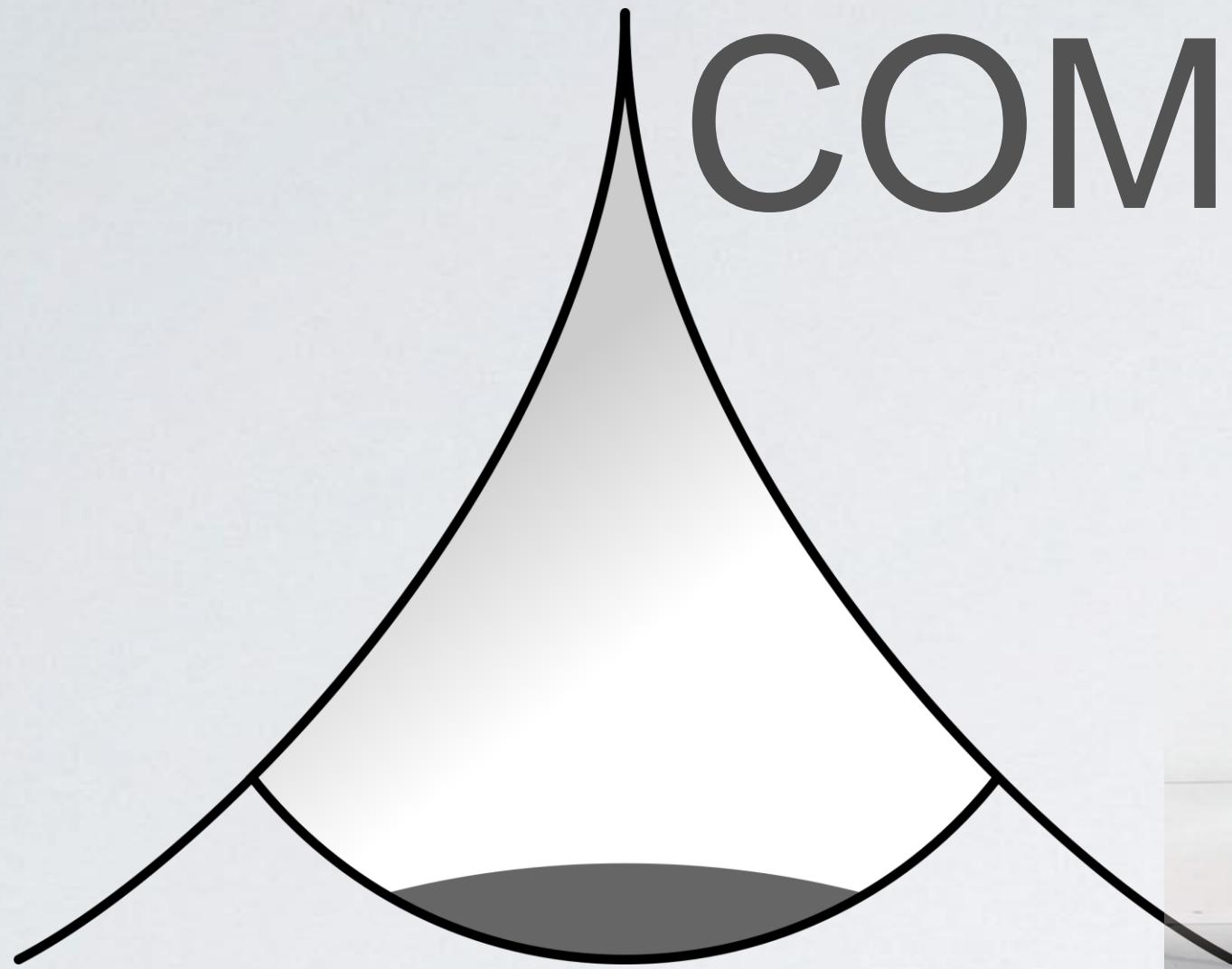
Service provider view is that all they have to do is get the baggage and cargo on and off the plane as cost effectively(cheaply) as possible



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COMMON POINT OF VIEW



approach delivering a common standard for ULD operation



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2015-2016

A YEAR OF PROGRESS AND
TRANSITION, MUCH HAS
BEEN DONE, MORE
REMAINS TO BE DONE