



CRITICAL TRENDS FOR AIR CARGO



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REGULATORY FRAMEWORK FOR SECURITY



Regulatory changes since 2010

- Amendments 12, 13, 14 to Annex 17
 - Common baseline for all commercial aircraft
 - Secure supply chain, transfer cargo, high risk cargo
 - Screening according to nature of consignment



1. Common baseline

- Amendment 13
 - Common baseline for all commercial aircraft
 - Approval of Regulated Agents and Known Consignors if in secure supply chain
- *Doc 8973, Aviation Security Manual*
 - *Security controls for all-cargo aircraft only*
 - *Approval of Account Consignors*



Phasing out of Account Consignors

- Phasing out over 5 year period, by 30 June 2021
- Applies to all consignors not approved by Appropriate Authority
- New listings discouraged during phase out
- Mid term review of progress



Options for existing Account Consignors

- Have cargo screened
- Be approved as a Known Consignor
- Be approved by the Appropriate Authority as other entity applying cargo security controls
- **Likely result : increased demand for airport screening**



2. High risk

- Current definition of High Risk:
 - From unknown entity/showing signs of tampering AND
 - Related intelligence/has anomalies/baseline measures are likely to be insufficiently effective OR
 - Intelligence alone
- Possible alternative for identifying HR - PLACI



Joint ICAO-WCO Working Group on Advance Cargo Information (JWGACI)

- Based on work of three pilots (Canada, EU, US)
- Optional extra layer of security
- 7 + 1 data elements
- 3 referral options : information, screening, DNL



Outstanding issues

- Automated System
- Response protocols
- Routing and transfer issues
- Likely result : airports will have to facilitate regulators' requests for information, screening or emergency procedures



3. Effective screening

- Implementation of Amendment 14
- Promoting innovation/better screening options



Amendment 14

Requirement to use an appropriate means or method for screening, taking into account the nature of the consignment.

Standard 4.6.10

Existing options:

- Manual search
- X-ray
- Explosive trace detection
- Metal detection
- Neutron scanners
- Explosive detection dogs



Existing resources

- National/regional requirements
- Manufacturers' guides
- Manual of Aviation Security, Doc 8973 (Restricted)
- AVSECPaedia
- Likely result : increased industry access to ICAO resources; new guidance and training material



Innovation

- 1st Symposium on Innovation in Aviation Security, 2014
- 2nd planned for late 2017/early 2018
- Seminar on innovation in cargo screening,
30 Nov-1 Dec 2016, Bonn, Germany
- Likely result : increased range of screening technologies available, increased efficiency and effectiveness



Consignor
approvals

Use of
technology

High risk



Questions?



Comments?



Suggestions?



ICAO

SECURITY & FACILITATION

NO COUNTRY LEFT BEHIND



Thank you for your attention

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