



Session 2

ICAO Requirements and Guidance related to Cabin Safety



Overview

- Definition of cabin safety
- ICAO cabin safety requirements
- ICAO cabin crew training requirements
- ICAO Cabin Safety Group (ICSG)
- ICAO cabin safety guidance materials
- Points to remember
- Q&A

What is Cabin Safety?

- Discipline that contributes to
 - Prevention of accidents and incidents
 - Protection of aircraft occupants
- Through proactive safety management, including
 - Hazard identification and safety risk management
- Increase of survivability in event of emergency situation



What is Cabin Safety?

- Cabin safety focuses on
 - Regulations relating to cabin operations
 - Operator's procedures and documentation
 - Cabin crew training and qualifications
 - Human performance
 - Design and manufacturing
 - Equipment and furnishings on board aircraft
 - The operational environment





ICAO Cabin Safety Requirements

ICAO Requirements: Cabin Safety

- ICAO Annexes contain SARPs
 - Adopted by Council of ICAO
 - Minimum Standards applicable to international civil aviation
- Following Annexes comprise SARPs on cabin safety...



Annex 6 Part I

- *Operation of Aircraft, Part I — International Commercial Air Transport — Aeroplanes*
 - Operator's procedures
 - Passenger safety
 - Carry-on baggage
 - Minimum crew compliment
 - Assignment of cabin crew members' emergency duties
 - Cabin crew at emergency evacuation stations
 - Protection of cabin crew during flight
 - Cabin crew training programmes
 - Equipment required on board aeroplanes
 - Cabin crew members' fatigue management
 - Security-related procedures and security training programmes



Annex 8

- *Airworthiness of Aircraft*
 - Cabin design & manufacturing
 - Protection of its occupants
 - Systems design features
 - Operating environment & Human Factors
 - including ergonomics
 - Crashworthiness & cabin safety
 - Design emergency landing loads
 - Cabin fire protection
 - Evacuation
 - Lighting and marking
 - Survival equipment
 - Security-related design aspects of cabin



Annex 13

- *Accident and Incident Investigation*
 - Organization and conduct of investigation
 - Investigating accidents
 - including turbulence-related occurrences with serious injury
 - Examples of serious incidents that should be investigated
 - including those related to cabin safety



Annex 18

- *The Safe Transport of Dangerous Goods by Air*
 - Classification of dangerous goods
 - Limitation on the transport of dangerous goods by air
 - Labelling and marking
 - Operator's responsibilities
 - Information and instructions to flight crew members
 - Information to passengers
 - Establishment of dangerous goods training for cabin crew members
- *Doc 9284 — Technical Instructions for the Safe Transport of Dangerous Goods by Air*
 - Details regarding Annex 18 SARPs



Annex 19

- *Safety Management*
 - State Safety Programme
 - Service providers' safety management systems
 - Including air operators





ICAO Cabin Crew Training Requirements

Safety & Emergency Procedures Training

Annex 6, Part I - Paragraph 12.4

- Operator shall establish & maintain training programme
 - Completed by all persons before being assigned as cabin crew
- Approved by State of the Operator
- Cabin crew members shall complete recurrent training
 - Annually



Dangerous Goods Training

Technical Instructions Doc 9284, Part 1 Chapter 4

- DG training for cabin crew members includes
 - a) General philosophy
 - b) Limitations
 - c) Labelling and marking
 - d) Recognition of undeclared dangerous goods
 - e) Provisions for passengers and crew
 - f) Emergency procedures
- Training required regardless of whether operator is approved to transport dangerous goods or not



Security Training

Annex 6, Part I - Paragraph 13.4

- Operator shall establish/maintain approved security training programme
 - Crew members act in most appropriate manner to minimize consequences of unlawful interference





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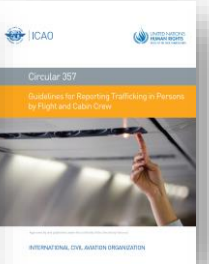
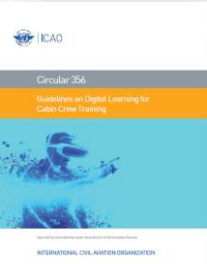
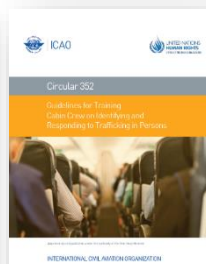
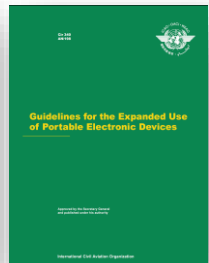
ICAO Cabin Safety Group (ICSG)





ICAO Cabin Safety Guidance Materials

ICSG Contributions so Far...



Cabin Crew Training

- Annex 6 SARPs implementation
- Guidance on safety & security training
- Competency-based approach
- Additional guidance
 - In-Charge Cabin Crew Training
 - Management Aspects of Cabin Safety Training Programme
 - Training Facilities and Devices
 - Scenario-based Training
 - SMS
 - Fatigue Management



Types of Training

- Different types of training need to be provided to cabin crew members
- The types of training are as follows
 - Initial training
 - Aircraft type training
 - Differences' training
 - Aircraft visit
 - Familiarization flight
 - Recurrent training
 - Requalification training
- *Refer to Doc 10002, Chapter 1 for additional guidance*



Guidelines on Cabin Crew CIRP

- Aimed specifically at cabin crew
- Beyond accidents/serious incidents
- Guidance to address
 - General concepts of stressful or critical events
 - Benefits of developing CIRP
 - Designing CIRP
 - CIRP implementation
 - Awareness & training
 - State activities to support CIRP





Points to Remember

- Several ICAO SARPs related to cabin safety in various Annexes
- Specific cabin crew training requirements in Annexes 6, 18 and 19
- Several ICAO manuals and circulars are available as resources for implementation and oversight

