ICAO Standards and Recommended Practices Training Course

Professional Development Training Course Outline

Category	Aviation and Airport Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

ICAO Standards and Recommended Practices (SARPs) Training Course is designed to provide aviation professionals with comprehensive knowledge and practical understanding of the international regulatory framework established by the International Civil Aviation Organization (ICAO). The course focuses on ICAO Annexes, aviation safety management, regulatory compliance, air navigation services, airport operations, security standards, and global aviation best practices. Participants will develop the expertise required to interpret, implement, and monitor ICAO requirements while improving operational efficiency, safety performance, and regulatory alignment within aviation organizations.

With the rapid growth of global aviation, adherence to ICAO Standards and Recommended Practices has become a critical requirement for airports, airlines, civil aviation authorities, and aviation service providers. This course integrates current aviation trends including safety risk management, digital transformation, sustainable aviation practices, compliance auditing, and international aviation governance. Through practical exercises and global case studies, participants will gain the skills needed to support continuous improvement, strengthen safety culture, and achieve international aviation excellence.

Programme Curriculum

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Course Objectives

By the end of this course, participants will be able to:

1. Understand the structure, purpose, and application of ICAO Standards and Recommended Practices.
2. Develop advanced knowledge of ICAO Annexes and international aviation regulations.
3. Apply aviation safety management principles based on global compliance frameworks.
4. Interpret ICAO regulatory requirements for airport and airline operations.
5. Implement effective aviation quality assurance and compliance monitoring systems.
6. Enhance aviation safety culture through internationally recognized practices.
7. Conduct ICAO-based audits, inspections, and regulatory assessments.
8. Improve operational performance through ICAO compliance strategies.
9. Understand global aviation security standards and recommended practices.
10. Apply risk management techniques aligned with ICAO safety objectives.
11. Strengthen aviation governance through regulatory excellence.
12. Support sustainable aviation development using ICAO environmental frameworks.
13. Develop professional capabilities for international aviation compliance leadership.

Organizational Benefits

- Improved compliance with international aviation regulatory requirements.
- Enhanced aviation safety management and risk control systems.
- Reduced operational risks through effective ICAO implementation.
- Increased organizational readiness for regulatory audits and inspections.
- Strengthened aviation quality assurance processes.
- Improved employee understanding of global aviation standards.
- Enhanced reputation and credibility within the aviation industry.
- Better alignment with international aviation safety objectives.
- Improved operational efficiency through standardized procedures.
- Support for continuous improvement and sustainable aviation growth.

Course Duration: 5 days

Target Audiences

1. Civil Aviation Authority personnel.

2. Airport managers and operational supervisors.
3. Airline management and aviation professionals.
4. Aviation safety and quality assurance officers.
5. Air traffic management professionals.
6. Aviation security specialists.
7. Aviation consultants and trainers.
8. Aircraft maintenance and engineering professionals.

Course Modules

Module 1: Introduction to ICAO Framework and Global Aviation Governance

- Overview of ICAO history, structure, objectives, and international aviation responsibilities.
- Understanding ICAO Council, Assembly, regional offices, and regulatory processes.
- Introduction to ICAO Annexes and their role in aviation standardization.
- Relationship between ICAO, national aviation authorities, airports, and airlines.
- Global aviation governance challenges and regulatory harmonization.
- Case Study: ICAO response strategies during global aviation disruptions.

Module 2: ICAO Standards and Recommended Practices (SARPs)

- Understanding the difference between Standards and Recommended Practices.
- Application of ICAO SARPs in aviation operations and regulatory systems.
- Methods for implementing ICAO requirements within organizations.
- Monitoring compliance with ICAO international standards.
- Managing updates and amendments to ICAO SARPs.
- Case Study: Implementation of ICAO SARPs by major international airports.

Module 3: ICAO Annexes and Aviation Regulatory Compliance

- Overview of key ICAO Annexes affecting aviation operations.
- Understanding Annex 1 personnel licensing requirements.
- Application of Annex 14 airport design and operations standards.
- Understanding Annex 17 aviation security requirements.
- Compliance monitoring and regulatory reporting processes.
- Case Study: Airport certification improvement based on ICAO Annex 14.

Module 4: ICAO Safety Management Systems (SMS)

- Principles and components of ICAO Safety Management Systems.
- Safety policy development and organizational safety culture.
- Hazard identification and aviation risk assessment techniques.
- Safety performance indicators and monitoring systems.

- Continuous improvement strategies for aviation safety.
- Case Study: Airline SMS implementation following ICAO safety frameworks.

Module 5: ICAO Auditing, Oversight, and Compliance Monitoring

- Fundamentals of ICAO-based aviation audits and inspections.
- Developing effective compliance monitoring programs.
- Preparing organizations for ICAO safety oversight audits.
- Identifying corrective actions and improvement opportunities.
- Managing regulatory findings and safety recommendations.
- Case Study: Global aviation safety audit improvement programs.

Module 6: ICAO Aviation Security and Facilitation Standards

- Understanding ICAO Annex 17 security requirements.
- Aviation security management systems and threat assessment.
- Passenger facilitation and border control coordination.
- Security screening standards and operational controls.
- International cooperation in aviation security management.
- Case Study: Implementation of enhanced airport security programs worldwide.

Module 7: ICAO Air Navigation and Operational Standards

- Overview of ICAO air navigation services framework.
- Air traffic management standards and procedures.
- Performance-based navigation and modern aviation technologies.
- Communication, navigation, and surveillance requirements.
- Improving operational efficiency through ICAO guidance.
- Case Study: Modernization of air navigation systems using ICAO standards.

Module 8: ICAO Environmental Standards and Future Aviation Trends

- Understanding ICAO environmental protection initiatives.
- Introduction to sustainable aviation and carbon reduction strategies.
- ICAO climate action programs and aviation sustainability goals.
- Emerging technologies supporting aviation compliance.
- Future trends in global aviation regulation and governance.
- Case Study: ICAO sustainability initiatives implemented by global airlines.

Training Methodology

- Interactive instructor-led presentations covering ICAO regulatory concepts and applications.
- Practical workshops focused on ICAO compliance implementation and auditing techniques.
- Case study analysis from international airports, airlines, and aviation authorities.
- Group discussions on aviation safety challenges and regulatory solutions.
- Simulation exercises for ICAO audit preparation and compliance evaluation.
- Knowledge assessments and practical exercises to reinforce learning outcomes.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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