
Graduate Certificate in Inflight Catering and Services Management

Aviation Regulations and Compliance

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Aviation Regulations and Compliance refer to the set of rules, standards, and guidelines established by national and international aviation authorities to ensure the safety, security, and efficiency of air transportation. Compliance with these regulations is mandatory for all airlines, airports, aircraft operators, and other aviation stakeholders.

Advisory Circular (AC)

An Advisory Circular (AC) is a document issued by aviation authorities to provide guidance and information on compliance with regulations. ACs are not mandatory but are often used to clarify regulatory requirements and best practices.

Air Operator's Certificate (AOC)

An Air Operator's Certificate (AOC) is a certificate issued by the civil aviation authority of a country to an airline or aircraft operator, allowing them to conduct commercial air transportation services. The AOC specifies the conditions and limitations under which the operator may conduct its operations.

Annexes

Annexes are supplementary documents to the Convention on International Civil Aviation (Chicago Convention) that contain standards and recommended practices (SARPs) related to various aspects of aviation, such as airworthiness, operations, personnel licensing, and aerodromes. The International Civil Aviation Organization (ICAO) publishes these annexes to provide a global framework for aviation regulation.

Airworthiness

Airworthiness refers to the condition of an aircraft, engine, propeller, or component that meets the requirements set forth by the aviation authority for safe operation in the air. Airworthiness is determined by compliance with design, maintenance, and operational standards.

Code of Federal Regulations (CFR)

The Code of Federal Regulations (CFR) is a codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the U.S. federal government. Title 14 of the CFR, also known as the Federal Aviation Regulations (FAR), contains regulations related to aviation safety and operations.

Compliance Management

Compliance Management is the process of ensuring that an organization adheres to regulatory requirements, industry standards, and internal policies. In the aviation industry, compliance management involves monitoring, assessing, and verifying adherence to aviation regulations to mitigate risks and maintain safety.

Continuing Airworthiness

Continuing Airworthiness refers to the ongoing process of ensuring that an aircraft remains in a condition of airworthiness throughout its operational life. This includes maintenance, inspections, repairs, modifications, and compliance with airworthiness directives and service bulletins.

Crew Resource Management (CRM)

Crew Resource Management (CRM) is a set of training programs and techniques designed to improve communication, teamwork, decision-making, and situational awareness among flight crew members. CRM aims to enhance the safety and efficiency of flight operations by optimizing human performance.

Emergency Response Plan (ERP)

An Emergency Response Plan (ERP) is a structured set of procedures and protocols developed by airlines, airports, and aviation organizations to manage and respond to emergencies, such as aircraft accidents, hijackings, natural disasters, or security threats. ERPs aim to ensure a coordinated and effective response to critical incidents.

Flight Operations Quality Assurance (FOQA)

Flight Operations Quality Assurance (FOQA) is a safety program that uses flight data monitoring and analysis to identify potential safety issues, deviations from standard operating procedures, and trends in flight operations. FOQA helps airlines improve safety, efficiency, and compliance with regulations.

International Air Transport Association (IATA)

The International Air Transport Association (IATA) is a global trade association representing airlines worldwide. IATA works to promote safe, secure, and sustainable air transportation by setting industry standards, providing training and support services, and advocating for policies that benefit the aviation industry.

International Civil Aviation Organization (ICAO)

The International Civil Aviation Organization (ICAO) is a specialized agency of the United Nations that sets global standards and regulations for international civil aviation. ICAO establishes SARPs through its Annexes to the Chicago Convention and works to ensure the safe, secure, and orderly development of aviation.

Operational Control

Operational Control refers to the authority and responsibility of an aircraft operator to initiate, conduct, or terminate a flight in accordance with regulatory requirements, company policies, and safety procedures. Operational control includes decisions related to crew assignments, flight planning, and aircraft dispatch.

Personnel Licensing

Personnel Licensing refers to the process of issuing certificates, licenses, and ratings to individuals who perform aviation-related activities, such as pilots, cabin crew, mechanics, and air traffic controllers. Licensing requirements are established by aviation authorities to ensure competency, proficiency, and safety in aviation operations.

Ramp Safety

Ramp Safety encompasses the procedures, practices, and precautions taken to ensure the safety of personnel, equipment, and aircraft on the airport ramp area. Ramp safety measures include aircraft marshalling, ground handling, loading and unloading operations, and the prevention of runway incursions.

Security Program

A Security Program is a comprehensive set of policies, procedures, and measures implemented by airlines, airports, and aviation organizations to protect against unlawful interference, such as terrorism, sabotage, hijacking, or smuggling. Security programs aim to enhance the security and resilience of the aviation system.

Standard Operating Procedures (SOPs)

Standard Operating Procedures (SOPs) are documented guidelines that outline the approved methods and practices for performing specific tasks or operations in aviation. SOPs help ensure consistency, efficiency, and safety in flight operations by providing a standard framework for crew actions and decision-making.

State Safety Program (SSP)

A State Safety Program (SSP) is a structured framework established by civil aviation authorities to manage aviation safety within their jurisdiction. SSPs include safety policies, risk management processes, safety oversight functions, and safety promotion activities to enhance safety performance and compliance.

Transportation Security Administration (TSA)

The Transportation Security Administration (TSA) is an agency of the U.S. Department of Homeland Security responsible for securing the nation's transportation systems, including aviation, through the implementation of security measures, screening procedures, and regulations to protect passengers, cargo, and aircraft from security threats.