

Aviation Management System

Cairo (Egypt)

30 March - 3 April 2025

UK Training

PARTNER



Aviation Management System

Code: AV28 From: 30 March - 3 April 2025 City: Cairo (Egypt) Fees: 4000 Pound

Introduction

An aviation management system refers to the set of policies, procedures, and guidelines that ensure the safe and efficient operation of an aviation organization. These management systems are designed to identify and mitigate potential hazards and risks associated with aviation operations. Effective aviation management systems are critical to ensuring the safety of passengers, crew members, and aircraft, as well as minimizing the risk of accidents or incidents. In this 10-day outline, we will cover various aspects of aviation management systems.

Course Objectives

- Safety Management Systems.
- Quality Management Systems.
- Aircraft Maintenance Management.
- Definition of aircraft maintenance management.
- Emergency Response Planning.
- Continuous Improvement.

Course Outlines

Day 1: Introduction to Aviation Management Systems

- Definition of aviation management systems.
- Objectives of aviation management systems.
- Components of aviation management systems.
- Importance of aviation management systems.
- Definition of safety management systems.
- Benefits of safety management systems.
- Key elements of safety management systems.
- Implementation of safety management systems.

Day 2: Risk Management

- Definition of risk management.
- Types of risks in aviation operations.
- Risk assessment and analysis.
- Mitigation of risks in aviation operations.
- Definition of quality management systems.
- Importance of quality management systems in aviation.
- Key elements of quality management systems.
- Implementation of quality management systems.



Day 3: Human Factors

- Definition of human factors.
- The impact of human factors on aviation operations.
- Human performance limitations and errors.
- Mitigation of human factors in aviation operations.
- Importance of aircraft maintenance management.
- Key elements of aircraft maintenance management.
- Implementation of aircraft maintenance management.

Day 4: Aviation Security Management

- Security management.
- Importance of aviation security management.
- Key elements of aviation security management.
- Implementation of aviation security management.
- Definition of emergency response planning.
- Importance of emergency response planning in aviation.
- Key elements of emergency response planning.
- Implementation of emergency response planning.

Day 5: Environmental Management Systems

- Management systems.
- Importance of environmental management systems in aviation.
- Key elements of environmental management systems.
- Implementation of environmental management systems.
- Importance of continuous improvement in aviation management systems.
- Continuous improvement processes and methodologies.
- Metrics and measurement in continuous improvement.
- Implementation of continuous improvement in aviation management systems.



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