



Aviation Safety Management System



RIASAT ALI CHANGAZI
Lead Trainer

With over 38 years of Aviation experience, Engineer Riasat Ali Changazi has gained extensive experience as a Lead Auditor, Quality Inspector, Airworthiness management expert, International Master Trainer and a Safety management system professional. He is an Aeronautical Engineer and holds a Masters degree along with series of aviation applied certification qualifications internationally recognized. He is a qualified lead auditor for EASA-145,147, Part M and Part 21. He is a trainer for ICAO, CAA, commercial and military aviation industry.

Course Code	Course Title	Location	Organization	Date and Time
AABSM/017-18-2-002-01	Aviation Safety Management System	Karachi	Aika Technology	15 Nov 2020

Course Coordinator: Shahbaz, Aika Technology

Course Instructor: Group Captain (R) Riasat Ali Changazi (PCAA & ICAO Expert)

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Course Coordinator Availability: Contact via email / Mobile appointment

Introduction to the Course

This course will familiarize you with different aspects of aviation including International regulation (ICAO), Regional (EASA, SARI, GCAA, FAA, CASA) and state regulatory Authority regulations. Engineering and Operational regulations in relation to Airlines and MROs safety parameters will be discussed in detail. You will learn the real-time values of hazards, hazards consequences, hazards severity, hazards probability and their control. The relationship of Quality, Safety and HSE will also be discussed in detail. You will be introduced to cost and resource optimization methods. Organizations time and risk management, safety assurance and safety promotion will be basic elements of the training programme. You will learn how to apply Safety management system technical frameworks and how to recognize the important elements of safety assurance functions in:

- Maintenance organization and airlines
- State safety programme (SSP) and SMS for your organization



- Hazard identification processes and procedures during the operation and maintenance of aircraft
- Optimized ways of Managing ADs & SBs
- Cost effective Aircraft modifications
- In time completion and traceability of maintenance work
- Safety assurance and risk management
- Hazard reporting and root cause analysis
- Unsafe practices before they result in incident and accidents
- You will be further introduced to ICAO Annexes 6,8,13 and 19
- Preparation of SMS Manual (SMSM)

Who should participate?

Airlines, MRO, regulatory bodies, ATC, Air Navigation, CAMO, regulatory body, ground handling agencies, fuel suppliers

Aim of the Course

The aim of the course is to make people mentally and environmentally aware of the challenges in terms of safety in the field of aviation. The importance of record and traceability will further clear the idea of significance of this subject. It has been designed to train everyone at each level as safety is everyone's right and responsibility. It shall also be focused to develop the SMS manual in order to document all the safety procedures.

Overview of Learning Activities

The learning methodology is collaborative and integrative research based teaching technique with the process facilitated by face-to-face interaction, discussion, unlearning, relearning and speed learning through lectures together with directed reading, investigative research, and assignments. Problem-based learning is reinforced by using case studies.

Overview of Assessment

Assessments are carried out through participation and perception development, case studies understanding, assignments, quizzes and final test. The instructor (s) will monitor the performance of students throughout the session in order to appropriately distribute the corresponding certificates at the end of the course.