TRAINING
COURSES
DEVELOPED
FOR AFRICA
IN AFRICA
BY AFRICANS

AVIATION SAFETY

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SAFETY MANAGEMENT SYSTEMS -INITIAL

COURSE DURATION : 5 Days Initial

COURSE DEPLOYMENT : Classroom & Online (Learner Paced)

TARGET GROUP :
• Airport Safety Managers and Safety Personnel
• Airport Emergency Managers and Personnel
• Airport Ground Handling Managers and Personnel

COURSE AIM
The aim of this is course is to provide the participants with the necessary knowledge, skills, and aptitude in developing, implementing and managing a Safety Management System, as well as measuring its performance in a medium to large aviation company.

COURSE OBJECTIVES - UPON COMPLETION OF THIS COURSE, PARTICIPANTS WILL BE ABLE TO:
• Develop the student's knowledge of safety management concepts and ICAO Standards and Recommended
  Practices (SARPs) on Safety Management as per ICAO Annex 19 and ICAO Doc 9859.
• Develop the student's knowledge to oversee the implementation of the key components of a basic SMS,
  in compliance with the CARs Part 140.

MINIMUM NUMBER OF ATTENDEES: 12

PASS MARK: 70%

AMOUNT CLASSROOM : Negotiable

AMOUNT ONLINE: (PER DAY; PER LEARNER) : R 5000 (Excl. Vat)

MODULE 1 : SAFETY MANAGEMENT FUNDAMENTALS
• Concept of safety
• Evolution of safety
• People, context, and safety
• Error and violation
• Safety culture
• Management dilemma

MODULE 2 : HAZARD IDENTIFICATION, SAFETY RISK MANAGEMENT AND SAFETY REPORTING
• Safety reporting and investigation
• Safety data collection and analysis
• Hazard Identification
• Safety Risk Mitigation

SAFETY MANAGEMENT SYSTEMS -INITIAL

MODULE 3 : SAFETY MANAGEMENT STANDARDS AND RECOMMENDED PRACTICES (SARPS) – ICAO ANNEX 19
• State safety management responsibilities
• SSP framework
• SMS Framework
• Prescriptive and performance-based requirements

MODULE 4 : SAFETY DATA
• Safety data collection, analysis and exchange
• Guidance for safety information
• Integration of management systems

MODULE 5 : SMS IMPLEMENTATION
• SMS Organization and accountabilities
• SMS gap analysis
• SMS Integration
• SMS manual and records
• SMS Committee and Administration
• Safety policy and objectives
• Emergence response planning
• Hazard Identification and voluntary reporting system
• Safety risk mitigation
• Management of change
• SMS disciplinary policy and procedures
• Safety data processing and analysis
• Occurrence reporting and Investigation

MODULE 6 : CABIN SEARCH AND RESCUE
• SMS safety performance
• SPI and ALoSP development
• SMS training programme
• Safety information sharing and exchange
• Internal and External SMS Audit Module Framework: provide the participant with knowledge on the following:
• Development of SPIs,
• Development of SPI charts,
• Target settings,
• Safety performance monitoring and
• Establishment and achievement of ALoSP

SAFETY MANAGEMENT SYSTEMS -REFRESHER

COURSE DURATION : 1 Day

COURSE DEPLOYMENT : Classroom & Online (Learner Paced)

PREREQUISITE : Safety Management Systems Initial

TARGET GROUP :
• Airport Safety Managers and Safety Personnel
• Airport Emergency Managers and Personnel
• Airport Ground Handling Managers and Personnel

COURSE AIM
The aim of this is course is to provide the participants with the necessary knowledge, skills, and aptitude in developing, implementing and managing a Safety Management System, as well as measuring its performance in a medium to large aviation company.

COURSE OBJECTIVES - UPON COMPLETION OF THIS COURSE, PARTICIPANTS WILL BE ABLE TO:
• Develop the student's knowledge of safety management concepts and ICAO Standards and Recommended Practices (SARPs) on Safety Management as per ICAO Annex 19 and ICAO Doc 9859.
• Develop the student's knowledge to oversee the implementation of the key components of a basic SMS, in compliance with the CARs Part 140.

MINIMUM NUMBER OF ATTENDEES: 12

PASS MARK: 70%

AMOUNT CLASSROOM : Negotiable

AMOUNT ONLINE: (PER DAY; PER LEARNER) : R 5000 (Excl. Vat)

MODULE 1 : SAFETY MANAGEMENT FUNDAMENTALS
• Concept of safety
• Evolution of safety
• People, context, and safety
• Error and violation
• Safety culture
• Management dilemma

MODULE 2 : HAZARD IDENTIFICATION, SAFETY RISK MANAGEMENT AND SAFETY REPORTING
• Safety reporting and investigation
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SAFETY MANAGEMENT SYSTEMS -REFRESHER

MODULE 3 : SAFETY MANAGEMENT STANDARDS AND RECOMMENDED PRACTICES (SARPS) – ICAO ANNEX 19
• State safety management responsibilities
• SSP framework
• SMS Framework
• Prescriptive and performance-based requirements

MODULE 4 : SAFETY DATA
• Safety data collection, analysis and exchange
• Guidance for safety information
• Integration of management systems

AIRSIDE INDUCTION TRAINING (AIT) (INITIAL & REFRESHER)

COURSE DURATION : Classroom & Online (Learner Paced)

COURSE DEPLOYMENT : Online

TARGET GROUP :
• Airport safety managers, officers, and staff
• Airport Emergency Managers, Officers and Staff
• Airport health and safety personnel
• Air traffic controllers
• Airport planners and designers
• Airport ground handling managers and personnel Refresher – Required after every 2 yearsl

COURSE AIM
The aim of this course is to familiarize participants with the unique nature of the airside, the various roles and responsibilities required to maintain a high level of safety, the major elements of airside safety and some of the common hazards that they may encounter.

COURSE OBJECTIVES - UPON COMPLETION OF THIS COURSE, PARTICIPANTS WILL BE ABLE TO:
• Understand the responsibilities of the Airport Authority as the mandatory in terms with the legal framework
• Have a clear understanding of the employer's responsibilities towards the employees, in terms with the requirements of the Occupational Health and Safety Act
• Understand their responsibilities as employees towards their employers through which to ensure their own safety as well as that of others including the safety of Aircraft, Equipment and Facilities
• Be able to implement the airside standards as established by the Airport Authority and to identify possible hazards on the airside as well as the elimination there of.

MINIMUM NUMBER OF ATTENDEES: 12

PASS MARK: 80%

AMOUNT : (PER DAY; PER LEARNER) : R 5000 (Excl. Vat)

MODULE 1 :
Introduction to a series of airside induction modules that needs to be completed to qualify for an Airside Permit.

MODULE 2 :
Know Your Airport Get to know the layout of your airport.

AIRSIDE INDUCTION TRAINING (AIT) (INITIAL & REFRESHER)

MODULE 3 :
Personal Protection Rules on personal protection.

MODULE 4 :
Fire Management Fire hazard prevention and notification.

MODULE 5 :
Apron Cleanliness Rules for keeping the aprons clean.

MODULE 6 :
Ground Handling Aircraft ground handling rules.

MODULE 7 :
Vehicles on Airside Rules regarding vehicles and equipment on the airside.

AIRSIDE VEHICLE OPERATORS PERMIT - AVOP (INITIAL & REFRESHER)

COURSE DURATION : 3 Days

COURSE DEPLOYMENT : Classroom/Online

TARGET GROUP
Airport Operations Directors, Managers, Officers and Staff
Airport Emergency Managers, Officers and Staff
Airport Safety Managers, Officers and Staff
Airport Public Affairs and Communications, Directors

COURSE AIM
The aim of this course is to provide participants with skills required to minimize the effects of an emergency particularly in respect of saving lives and maintaining aircraft operations.

COURSE OBJECTIVES - UPON COMPLETION OF THIS COURSE, PARTICIPANTS WILL BE ABLE TO:

• Provide guidance on current industry best practices within the framework of the Aerodrome Emergency Plan (AEP).
• Understand the relevant ICAO Standards and Recommended Practices related to emergency preparedness and response.

PASS MARK: 80%

Minimum number of Attendees: 12

AMOUNT: (PER LEARNER; PER DAY) Classroom: R 18000 (Excl. Vat)   Online: R 5000 (Excl. Vat)

MODULE 1 : EMERGENCY NOTIFICATION
• The Emergency Notification Procedure
• The Emergency Notification Flowcharts
• The Emergency Notification Administration
• The Emergency Notification best practices

MODULE 2 : EMERGENCY NOTIFICATION
• Assessment of the Site
• First Response Fire Fighting
• Fire & Rescue Go Teams
• Crash Site Layout

MODULE 3 : FORWARD COMMAND POST (FCP)
Purpose of the FCP FCP Role-players
Management of FCP
Decisions made at FCP
Establish & maintain the FCP
FCP Set-up
FCP Records

MODULE 4 : MEDICAL SERVICES
Purpose of the FCP FCP Role-players
Management of FCP
Decisions made at FCP
Establish & maintain the FCP
FCP Set-up
FCP Records Go Kit

AERODROME EMERGENCY PREPAREDNESS

COURSE DURATION : 3 Days

COURSE DEPLOYMENT : Classroom/Online

TARGET GROUP
Airport Operations Directors, Managers, Officers and Staff
Airport Emergency Managers, Officers and Staff
Airport Safety Managers, Officers and Staff
Airport Public Affairs and Communications, Directors

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Decisions made at FCP
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FCP Set-up
FCP Records

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AIRPORTS COMPANY
SOUTH AFRICA

AVIATION
ACADEMY