GroupEAD Training Catalogue

AIM Training . ADQ Training

2016

GroupEAD is a unique AISP that provides consolidated and structured AIM services to a big variety of ANSP and associated customers.

Handling, management and operation of data are our core competences.

Transferring these competences into other areas of aeronautical information management is the way GroupEAD supports the AIM Community to move forward.

The first Training Academy exclusively focused on AIM

AIM Training Programme

We have developed a Training Programme addressed to those people who want to become AIM Staff including simulation experience in a real AIM environment . Whether you have aviation background or not, our Training Programme will allow you to understand and participate in present and future AIM developments.

AIM Basic Training

If you do not have aviation background, these Training courses will allow you to acquire the necessary know-how to join Organisations managing aeronautical data.

AIM Advanced Training

If you have aviation background and you want to improve your skills in AIM, these Training Courses will provide you with the necessary knowledge to be part of daily AIM operations.

Index

AIM Basic Training

English for AIM

PH1-M01

Course Objective

The participant will:

1. Explain professional aviation terminology
2. Explain aeronautical information common abbreviations

Course Content

- Terminology concerning:
  - Aircraft;
  - Aerodromes;
  - Aeronautical telecommunications;
  - Meteorology;
  - Search and Rescue;
  - Aeronautical charts
  - Aeronautical Information Services (AIS)
- ICAO alphabet and numbers
- Expressions of radio frequencies and time
- Common acronyms
- ATS terminology

COURSE DETAILS

Duration: 4 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

11. - 14. April 2016

Aviation Legislation

PHI-M02

Course Objective

The participant will:

1. Demonstrate familiarization with the aviation regulation (ICAO Annexes, Documents etc) and rules of the air
2. Differentiate different types and functions of Airspaces

Course Content

- Key national & international aviation organizations
- Purpose, organization and function of ICAO
- Financing Air Navigation Services
- Airspace
  - Different types and functions of airspace
  - ICAO airspace classes
  - National application of airspace
- Rules of the Air
  - Categories of International Rules of the Air
  - Influence on ATM and relevance to AIS
  - National differences with ICAO
  - Difference between VFR and IFR

COURSE DETAILS

Duration: 5 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

18. - 22. April 2016

Characteristics of Aircraft

PH1-M03

Course Objective

The participant will:

1. Demonstrate familiarization with the aricraft environment
2. Differentiate different types and charatceristics of Aircraft

Course Content

- - Principles of flight
  - Forces acting on aircraft
  - Structural components of aircraft
- Aircraft performance
  - Factors affecting aircraft on take-off and climb
  - Factors affecting aircraft at cruise and descent
- Flight instruments
  - Flight instruments for VFR and IFR flights
  - On-board navigation instruments
  - Other cockpit instruments
- Types and categories of aircraft

COURSE DETAILS

Duration: 2 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

9. - 10. May 2016

Air Navigation for AIS

PH1-M04

Course Objective

The participant will:

1. Demonstrate familiarization with the earth, reference points, direction etc.
2. Differentiate different types and characteristics Navigation Aids

Course Content

- The Earth
  - Reference points, lines, direction, distance and position
  - Geodetic concepts, vertical/horizontal reference systems
  - Magnetic field, temporal reference systems
- Projections
- Applied navigation
  - Distance between two points, types of aircraft speed
- Navigation aids
  - Ground based systems (NDB, VOR, TACAN, ILS)
  - On-board systems and instruments
- Flight procedures
  - Holding, IAP, STAR, SID

COURSE DETAILS

Duration: 4 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

25. - 28. April 2016

Meteorology

PH1-M05

Course Objective

The participant will:

1. Demonstrate general awareness with the earth and its different atmospheric processess.
2. Differentiate different types and characteristics of meteorological phenomena.

Course Content

- Atmosphere
  - International Standard Atmosphere
  - Air masses, wind systems, pressure systems, fronts
- Atmospheric processes
  - Temperature variation and air saturation
  - Air pressure
- Meteorological phenomena
  - Clouds, precipitation, atmospheric obscurity
  - Visibility, types of wind and hazardous phenomena
- Meteorological services
- Meteorological information
  - Weather reports, forecasts and charts

COURSE DETAILS

Duration: 5 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

23. - 27. May 2016

Aerodromes

PH1-M06

Course Objective

The participant will:

1. Define the basics of an aerodrome and recognize its main elements
2. Differentiate the parts of an aerodrome
3. Explain the characteristics of each part of an aerodrome

Course Content

- Aerodrome layout
- Runway (elements, characteristics, lighting etc)
- Taxiway (characteristics, markings, lighting etc)
- Apron (elements, characteristics, guidance systems etc)
- Landing aids (visual aids, approach lighting systems etc)
- Services, facilities
- Obstacles
- Aerodrome data (ARP, elevations, declared distances etc)
- Heliports (characteristics, visual landing aids)

COURSE DETAILS

Duration: 3 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

11. - 13. May 2016

Equipment and Systems

PH1-M07

Course Objective

The participant will:

1. Demonstrate its knowledge on ATM equipment.
2. Differentiate the different types of aeronautical telecommunication and surveillance systems.

Course Content

- Communication systems
  - Principles of radio
  - Frequency bands
  - Principles of VDF/UDF
- Aeronautical telecommunication systems
  - Telecommunication networks (AFT, SITA, CIDIN etc)
  - Broadcasting systems (ATSI, VOLMET)
- Surveillance systems
  - Principles, types and use of radar (PSR, SSR)
  - ADS, Satellite systems, data links
- European AIS Database

COURSE DETAILS

Duration: 3 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

6. - 8. June 2016

Principles of ATM

PH1-M08

Course Objective

The participant will:

1. Recognize different subjects related to Air Traffic Management
2. Explain the main concepts of ATM and identify its features

Course Content

- Types of Air Navigation Services (ATS, ATFM, CNS etc)
- Flight data processing
- Altimetry and level allocation
- Principles of separation
- Collision avoidance
- Air Traffic Flow and Capacity Management (ATFCM)
- Airspace Management
- SES, FAB, Free Routing

COURSE DETAILS

Duration: 3 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

13. - 15. June 2016

International AIM Training

PH3-M03

Course Objective

The participant will:

1. Name the main concepts of AIM and explain the aspects of it.
2. List the changes to be implemented to move to an AIM environment

Course Content

- AIM Strategy
  - Aeronautical Information Management (AIM)
  - Key players
- ICAO AIS to AIM roadmap
- AIM Compliance
  - Requirements
  - Action plan
- Transition
  - AIM Processes
  - Structural and strategic changes
  - Service Level Agreements (SLA)
- AIM compliant data and service provision
- Processes and standards assuring safety and quality

COURSE DETAILS

Duration: 2 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

16. - 17. May 2016
4. - 5. October 2016
14. - 15. December 2016

Aeronautical Information Services

PH2-M01

Course Objective

The participant will:

1. Explain the main concepts of AIS.
2. State the components of the Integrated Aeronautical Information Package
3. Differentiate the different AIS publications

Course Content

- Principles of AIS.
- Documentation in AIS.
- Responsibilities and functions of AIS.
- Integrated Aeronautical Information Package.
- Integrated Briefing.
- Equipment and software used in AIS.
- Encode / decode Aeronautical Information.
- Process raw data.
- Coordination with originators, ATS units, customers etc.
- Compiling and storing static data.
- Data exchange standards and GIS.
- AIM strategy

COURSE DETAILS

Duration: 10 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

29. February - 11. March 2016
20. June - 1. July 2016
3. - 14. October 2016

Dynamic Data

PH2-M02

Course Objective

The participant will:

1. Describe the main concepts of Dynamic Data.
2. List the different types of TAM messages
3. Recognize some codes used in the Q line to process the information in a NOTAM

Course Content

- Objective, duration and types of Dynamic Data.
- Receiving and analysing information for NOTAM
- Content, purpose and rules related to NOTAM format.
- NOTAM creation
  - NOTAM items
  - NOTAMR and NOTAMC
  - NOTAM Checklist
  - Trigger NOTAM
- Database completeness and coherence messages
- SNOWTAM creation
- Pre-Flight Information Bulletin (PIB)
  - Scope, content, types and structure of PIB

COURSE DETAILS

Duration: 5 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

11. - 15. July 2016

ATS Reporting Office (ARO)

PH2-M03

Course Objective

The participant will:

1. Explain the main concepts and tasks of a ATS Reporting Office.
2. Demonstrate familiarization with different types of preflight information.

Course Content

- Functions of ARO
- Flight Plan
  - Format, items, regulations and submission
- Flight Plan associated messages
- IFPS/CFMU
  - Message exchange with IFPS
  - Operational Reply Messages (ORM): MAN, REJ, ACK.
  - Message exchange with CFMU
- ATFCM Messages

COURSE DETAILS

Duration: 5 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

18. - 22. July 2016

Overview of Aviation / ATM

PH3-M01

Course Objective

The participant will:

1. Describe the main concepts and tasks of a Air Traffic Management.
2. Demonstrate familiarization with different aspects of flights, aerodromes, airspaces, meteorology, aeronautical data etc.

Course Content

Theory of Flight: Basic terms and concepts related to flying - basis for the entire aviation industry.

Aerodrome: Overview of aerodrome layout, various service areas and technologies of an aerodrome.

Airspace: Basic terms related to the concept of airspace - background knowledge required for associated technologies.

ATM: Major actors and services of Air Traffic Management contributing to the safe conduct of flight.

Terminology: Common practices in aviation communication.

Air Navigation: Overview of basic navigation related principles and technologies.

Meteorology: Major weather concepts having impact on the technology used in aviation.

Aeronautical Data: Sources and accepted methods for managing aeronautical data

COURSE DETAILS

Duration: 5 days, classroom
Participants: Professionals requiring quick and efficient overview and introduction to aviation principles (e.g. engineering staff, sales staff).

Planned Dates

25. - 29. July 2016

AIM Advanced

AICM/AIXM 4.5 Basic

PH2-M04

Course Objective

The participant will:

1. Explain the AICM/AIXM principles and benefits
2. Describe the differences and relationships between AICM, AIXM, Static Database and their applicable respective rules
3. Read and recognize AIXM messages (Update and Snapshots)
4. Detect and correct errors in an AIXM-Update file using XML Spy

Course Content

Aeronautical Information Conceptual Model (AICM)

- UML basic concepts
- AICM introduction
- AICM plain text rules (Technical and Business rules)
- Geometrical aspects of AICM
- Time schedules
- AICM main Entities:
- Exercises

Aeronautical Information Exchange Model (AIXM)

- XML Basic concepts
- AIXM Introduction
- Unique identifiers, Data Types and deprecated elements
- Features: Attributes and relationships
- AIXM Schema
- AIXM Messages: Update and Snapshot
- Data Integrity
- Exercises

Check and validation of AIXM messages

AIM and future developments

COURSE DETAILS

Duration: 5 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

11. - 15. January 2016
29. August - 2. September 2016

AICM/AIXM 4.5 Advanced

PH2-M05

Course Objective

The participant will:

1. Create, edit and export to CSV a basic dabase using Excel.
2. Map data from CSV files, Databases and Snapshot to XML (AIXM-Update) using MapForce
3. Edit, validate and correct AIXM-Update files using Altova Spy
4. Check, explain and repair level A errors from SDO Upload Status Report

Course Content

Editing raw data

- SDO Reports as a source of data
- Microsoft Excel - most common formulas and functions for aeronautical information purposes

Related entities in a database

- Database principles
- Databases with Microsoft Access
- Relation among tables

Uploading valid AIXM files to Static database

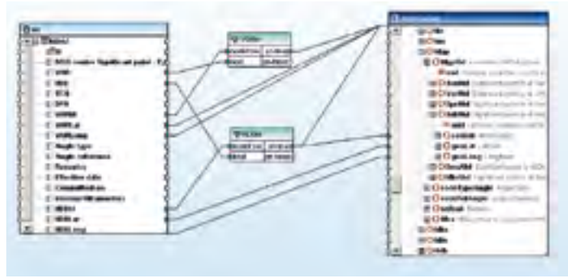
AIXM Message (Altova MapForce)

- Altova Mapforce: Basics
- Mapping
- Libraries, filters and conditions
- Saving resulting XML file

Editing AIXM messages (Altova Spy)

- Altova Spy: Basics
- Edition of AIXM messages
- Check and validation against the AIXM 4.5 schema

Exercises



COURSE DETAILS

Duration: 5 days, classroom
Participants: Current and future AIS/AIM Officers
Prerequisite: AICM/AIXM 4.5 Basic Course

Planned Dates

18. - 22. January 2016
5 - 9. September 2016

AICM/AIXM 5.1 Basic

PH2-M06

Course Objective

The participant will:

1. Study and apply the AIXM 5.1 UML Model
2. Describe the basics of XML
3. Differentiate and explain the basics of GML
4. Analyse AIXM 5.1 requirements and approach
5. Recognize and work with the AIXM 5.1 XML Model/Schema
6. Explain the Digital NOTAM Concept

Course Content

Computer models intended for aeronautical data storage and exchange

- Aeronautical Information Models

Introduction to AIXM 5.1

- AIXM 5.1 Model Objectives

UML Basic concepts

AIXM 5.1 UML Model

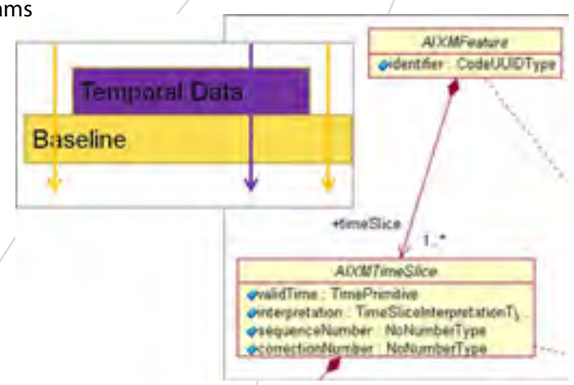
- Class Diagrams vs. Entity Relation Diagrams
- AIXM UML Modelling Conventions
- Other Aspects of the Model

Geography Markup Language (GML)

AIXM 5.1 Requirements and Approach

- AIXM 5.1 and GML

Digital NOTAM and SNOWTAM



COURSE DETAILS

Duration: 5 days, classroom
Participants: Current and future AIS/AIM Officers
Prerequisite: AICM/AIXM Basic Course

Planned Dates

11. - 15. April 2016
19. - 23. September 2016

AICM/AIXM 5.1 Advanced

PH2-M07

Course Objective

The participant will:

1. List different computer models intended for aeronautical data storage and exchange.
2. Explain UML concepts
3. Describe geometries using GML

Course Content

Computer models intended for aeronautical data storage and exchange

- Aeronautical Information Models
- Aeronautical Information Conceptual Model (AICM)
- Aeronautical Information Exchange Model (AIXM)
- The Future of the Data Exchange Models (AIM)

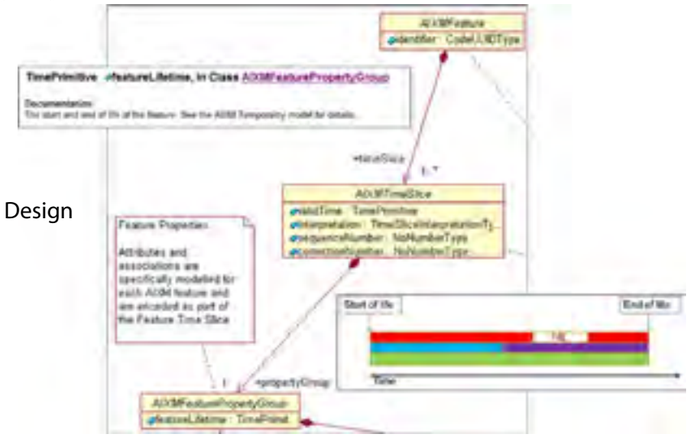
UML Advanced concepts

Geography Markup Language (GML)

- Geometries in GML
- XML and GML

AIXM 5.1 Architecture

- AICM and AIXM 5.1
- Architecture
- Requirements, Analysis and Design



COURSE DETAILS

Duration: 5 days, classroom
Participants: Current and future AIS/AIM Officers
Prerequisite: AICM/AIXM 5.1 Basic Course

Planned Dates

18. - 22. April 2016
26. - 30. September 2016

Quality Assurance

PH3-M02

Course Objective

The participant will:

Differentiate, explain and apply Data Quality Assurance principles and procedures related to aeronautical data.

Course Content

- Data Quality Assurance (DQA)
- DQA Regulation and Concepts
- Quality Assurance Methodology
- Scope of Quality Assurance Procedures
- Objective of Quality Assurance procedures
- Definition of Sampling Plan
- Definition of Reviews
- Error Classification
- Quality Assurance: Review and Recording
- Quality Assurance: Verification and Reporting
- Quality Assurance: Actions
- Guidelines for Implementing Quality Assurance Procedures

COURSE DETAILS

Duration: 3 days, classroom
Participants: Current and future AIS/AIM Officers

Planned Dates

1. - 3. August 2016

Evolution from AIS to AIM

PH3-M04

Course Objective

The participant will:

1. Describe today's evolution from AIS to AIM concepts
2. Explain the main AIS developments that need to be implemented
3. List the main legal and developments aspects (ICAO AIS to AIM roadmap, etc.)
4. State the basics of Aeronautical Information Conceptual Model (AICM)
5. State the basics of Aeronautical Information Exchange Model (AIXM)

Course Content

Evolution from AIS to AIM

- Needs for AIS Development
- AIS development: Going Digital, Standard Aeronautical Information Exchange Model
- Principles Guiding Transition to AIM
- ICAO AIS to AIM Roadmap

Information Management (IM), Key enabler for the future ATM System

System Wide Information Management (SWIM)

- Flights and Airports
- Aviation Meteorology

Transition towards AIM

Quality Phase. Quality Monitoring. Data Integrity Monitoring.

- AICM (Aeronautical Information Conceptual Model)
- AIXM (Aeronautical Information Exchange Model)
- Electronic AIP, Electronic TOD (Terrain and Obstacle Data)
- Digital NOTAM, Integrated Briefing.

COURSE DETAILS

Duration: 2 days, classroom
Participants: Current and future AIS/AIM Officers
Prerequisite: AIS Knowledge

Planned Dates

23. - 24. May 2016
26. - 27. September 2016
12. - 13. December 2016

AIM Excellence Programme

PHx-M0x

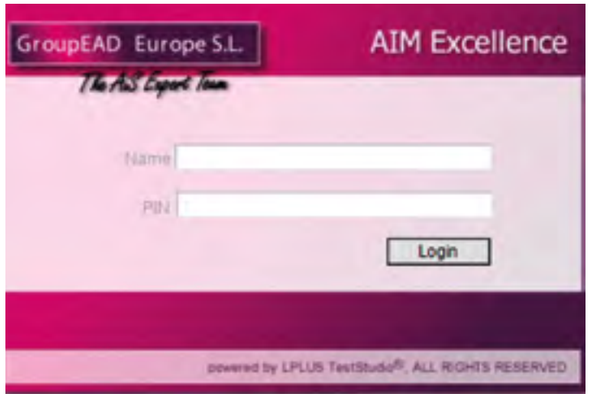
Purpose and Benefits

- AIM Excellence Programme is an interactive Online Web Based Tool.
- Programme provides continuous and efficient management of basic knowledge needed for AIM professionals.
- Programme motivates people to pursue high level of personal know-how.
- Programme provides evidence of the staff's proficiency.
- Programme is an online service that can be easily accessed via internet from anywhere in the world and is easy to handle.
- Programme allows AIM professionals to use the tool at any point in time for improving and refreshing their know-how.
- Programme provides possibility to define customised level tests.
- All records are strictly personal and confidential.

Course Content

Extensive library of questions/answers covering a large variety of subjects:

- Aerodromes
- Aeronautical Information Services (AIS)
- ATS Reporting Office (ARO)
- Air Traffic Management (ATM)
- Characteristics of Aircraft
- Dynamic Data
- English and Abbreviations
- Air Navigation
- Equipment and Systems
- Aviation Legislation



COURSE DETAILS

Duration: Based on customer requirements (definition of tests)
Methods: Online Tool, Question Database
Price: Contact us for attractive offer

Electronic Terrain and Obstacle Data (eTOD)

PH3-M05

Course Objective

The participant will:

1. Demonstrate familiarization with the concept and aspects of electronic terrain and obstacle data.
2. Differentiate different types of obstacles and explain the workflow and methodology

Course Content

- eTOD Definition
- Terrain
- Obstacles
- Terrain and obstacle coverage area
- Feature classes in the AIS Data Model
- Terrain Data
- Obstacle Data
- Workflow
- Methodologies for eTOD

COURSE DETAILS

Duration: 2 days

Planned Dates

30. - 31. May 2016
6. - 7. October 2016
19. - 20. December 2016

ADQ Training

ADQ Training

Regulation

ADQ Executive Awareness
ADQ General Regulation
ADQ for Airport Data

Means of Compliance

ECTRL means of compliance
AIXM Basic and Advanced (see page 22 - 25)

Aeronautical Information Management

International AIM (see page 16)
Evolution from AIS to AIM (see page 27)

Remote training/assessment

AIM Excellence tool (see page 28)

ADQ Executive Awareness

PH4-M01

Course Objective

- The participant will:
- Demonstrate familiarization with European Commission Regulation 73/2010
- List the main aspects of Regulation 73/2010 and take into account how it affects the aeronautical Data Change for the Single European Sky

Course Content

- Regulation 73/2010
- Legal Framework
- European Commission
- Single European Sky. Actors. EUROCONTROL role
- Implementing Rules
- Community Specifications (CS)
- The need of Aeronautical Data Quality
- From Implementing Rule to Regulation
- Overview of the ADQ Regulation
- Objective and background to the ADQ Regulation.
- Structure of the ADQ Regulation
- Articles
- Audit and Compliance

COURSE DETAILS

Duration: 1 days, classroom
Participants: Current and future AIS/AIM Officers
Prerequisite: AIS Knowledge

Planned Dates

11. January 2016	25. April 2016
29. August 2016	14. November 2016

ADQ General Regulation

PH4-M02

Course Objective

The participant will:

1. Demonstrate deep understanding of European Commission Regulation 73/2010
2. Name and explain the means of compliance, level of implementation and the respective assessment and audit process.

Course Content

Regulation 73/2010

- Deep view of the ADQ Regulation
- Objective and background to the ADQ Regulation.
- Implementation. ESSIP/ LSSIP
- Guidance on the Planning of the Implementation of the ADQ Regulation
- ADQ Guide, Maintenance
- Audit and Compliance
- EUROCONTROL means of compliance
- EUROCONTROL specifications
- DAL/DQL, AIXM Conceptual Model
- Other means: CRC, Digital Signature, Encryption

COURSE DETAILS

Duration: 5 days, classroom
Participants: Current and future AIS/AIM Officers
Prerequisite: AIS Knowledge

Planned Dates

18. - 22. January 2016	2. - 6. May 2016
5. - 9. September 2016	21. - 25. November 2016

ADQ for Airport Data

PH3-M03

Course Objective

The participant will:

1. Demonstrate deep understanding of European Commission Regulation 73/2010
2. Differentiate and explain all the information of Data Quality Requirements and assurance levels for airport dataset.

Course Content

Regulation 73/2010

- Implementing Rules
- Community Specifications (CS)
- The need of Aeronautical Data Quality
- From Implementing Rule to Regulation
- Objective and background to the ADQ Regulation.
- Structure of the ADQ Regulation
- ADQ Guide, Maintenance
- Audit and Compliance
- Data Originators

COURSE DETAILS

Duration: 3 days, classroom
Participants: Current and future AIS/AIM Officers
Prerequisite: AIS Knowledge

Planned Dates

12. - 14. January 2016
30. Aug - 1. Sept 2016
26. - 28. April 2016
15. - 17. November 2016

EUROCONTROL Means of Compliance

PH4-M04

Course Objective

The participant will:

1. Demonstrate deep understanding of European Commission Regulation 73/2010
2. List and expalin the EUROCONTROL specifications recommended for acting as means of compliance for ADQ Regulation.

Course Content

Regulation 73/2010

- Implementing Rules
- Community Specifications (CS)
- The need of Aeronautical Data Quality
- From Implementing Rule to Regulation
- Objective and background to the ADQ Regulation.
- Structure of the ADQ Regulation
- ADQ Guide, Maintenance
- Audit and Compliance
- eAIP Specification
- DQR Specifications
- DAL Specifications
- DO Specifications

COURSE DETAILS

Duration: 5 days, classroom
Participants: Current and future AIS/AIM Officers
Prerequisite: AIS Knowledge

Planned Dates

25. - 29. January 2016
12. - 16. September 2016
9. - 13. May 2016
28. November - 2. December 2016

AIM Customized Training

AIS Ab Initio customized Course

PH5-M02

Course Objective

The participant will:

1. Explain the concept and content of the Integrated Aeronautical Information Package
2. List the principles and responsibilities of AIS
3. Explain the concept and content of the Integrated Briefing
4. Code/Encode aeronautical Information
5. Describe the basics of Dynamic Data. Basic decode and create NOTAM
6. Name the different parts of an Aerodrome
7. Explain the basics of AICM and AIXM. Work in an AIM environment
8. Describe the basics of Aeronautical Data Quality.

Course Content

- AIS Generals
- Aviation Legislation
- Air Navigation for AIS
- Aerodromes
- Dynamic Data
- Transition from AIS to AIM
- Basics of Aeronautical Information Conceptual and Exchange Models (AICM/AIXM)
- Aeronautical Data Quality (ADQ)

COURSE DETAILS

Duration: 15 days

Planned Dates

29. February - 18. March 2016
20. June - 8. July 2016
3. - 21. October 2016

AIS to AIM customized Course

PH5-M02

Course Objective

The participant will:

1. Describe today's evolution from AIS to AIM concepts
2. Explain the main AIS developments that need to be implemented
3. Apply Data Quality Assurance principles and procedures related to aeronautical data
4. State the baiscs of Aeronautical Information Conceptual Model (AICM)
5. State the basics of Aeronautical Information Exchange Model (AIXM)

Course Content

- AIS to AIM Roadmap
- AIS to AIM Roadmap main steps
- Data Quality Assurance
- Guidelines for implementing Quality Assurance Procedures
- Basics of Aeronautical Information Conceptual and Exchange Models (AICM/AIXM)
- AIXM 5.1 Introduction
- UML, GML, Airport Mapping Database and eTOD concepts.

COURSE DETAILS

Duration: 15 days

Planned Dates

9. - 27. May 2016
17. October - 4. November 2016

Contact us for customization!

About GroupEAD Europe S.L.

The GroupEAD team consists of experts from all key areas of air traffic business including AIS/AIM Officers, Air Traffic Control, Airports and Airlines. Our unique background of multinational and multilingual staff members allows us to provide our experience to our clients in an engaged and flexible way. Our further dedication to our clients includes 24/7 services.

Today GroupEAD is providing a range of services in the context of Aeronautical Information Management with experience and a proven record.

- Training courses are designed specifically for AIM staff
- Trainers have extensive experience and are operational experts
- Flexibility to address needs through Modules and Training Locations
- Customisation to local needs
- Refreshing the know-how is a key to continuous improvement
- You will enjoy our training through active participation and involvement

GroupEAD Europe S.L. is an experienced and respected provider in the field of AIS Services and Training. Our average participant satisfaction rate from the past years is 98%.

GroupEAD has developed a sophisticated Quality Management System (QMS), and is ISO 9001:2008 certified with continuously successful re-certifications over the past years.

GroupEAD trainers are experienced professionals coming from different countries, speaking several different languages.

More than 700 Training courses conducted 2003-2014

More than 20 different organisations during 2014

In a near future, it will be essential, that aeronautical data are provided in a common, system and platform independent format (or set of harmonized format) within the future aeronautical information management system.

All the modules can be combined and customized based on your specific needs. All modules can be provided also on regular basis, in refresher mode and at the location of your choice.

General Information

On GroupEAD Training Programme

Training Location and Participants

Trainings generally conducted in Frankfurt am Main, Germany. Training can also be conducted in our centre in Madrid/Torrejón, Spain and as well at any customer location, assuming that a classroom is available.

Classroom courses
Minimum amount of participants: 3
Maximum amount of participants: 15

Prices in this programme are for courses located in Frankfurt. Significant discount on prices is available based on increased number of participants.

Training Material

All participants will be provided with respective printed material during the course. Ownership of all copyright and other intellectual property rights of the course material, including all documentation, data, technical information and know-how provided as part of the training, remains vested in the provider of the training, unless otherwise specified in the material. All such information shall be held in confidence and may not be disclosed to third parties without the express permission of GroupEAD Europe S.L.

Training Schedule

All Training Modules can be combined as requested. The exact schedule, length of the day, group sizes etc are coordinated based on the customer's needs.

Prerequisites

The training language is generally English. On request, dedicated modules can also be provided in other languages (contact us for further details). All trainees shall have a sufficient command of the language used, enabling them to follow the training.

Terms and Conditions

The terms and conditions applicable to all training courses in this programme are available upon your request. Do not hesitate to contact us for further information! We will be more than happy to support you!

For further information please contact us:

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Training 2016

Schedule and Price List

Courses	Length	Scheduled Dates	Price per 1 Person
AIM Basic			
English for AIM	4 days	11. - 14. April	1.400,00 €
Aviation Legislation	5 days	18. - 22. April	1.400,00 €
Characteristics of Aircraft	2 days	09. - 10. May	700 €
Air Navigation for AIS	4 days	25. - 28. April	1.400,00 €
Meteorology	5 days	23. - 27. May	1.750,00 €
Aerodromes	3 days	11. - 13. May	1.050,00 €
Equipments and Systems	3 days	06. - 08. June	1.050,00 €
Principles of ATM	3 days	13. - 15. June	1.050,00 €
International AIM Training	2 days 2 days 2 days	16. - 17. May 04. - 05. October 14. - 15. December	1.050,00 € 1.050,00 € 1.050,00 €
Aeronautical Information Services	10 days	29. February - 11. March 20. June - 01. July 03. - 14. October	3.500,00 €
Dynamic Data	5 days	11. - 15. July	1.750,00 €
ATS Reporting Office	5 days	18. - 22. July	1.750,00 €
Overview of Aviation / AIM	5 days	25. - 29. July	1.750,00 €
AIM Advanced			
AIXM 4.5 Basic	5 days 5 days	11. - 15. January 29. August - 02. September	1.750,00 € 1.750,00 €
AIXM 4.5 Advanced	5 days 5 days	18. - 22. January 05. - 09. September	1.750,00 € 1.750,00 €
AIXM 5.1 Basic	5 days 5 days	11. - 15. April 19. - 23. September	1.750,00 € 1.750,00 €
AIXM 5.1 Advanced	5 days 5 days	18. - 22. April 26. - 30. September	1.750,00 € 1.750,00 €
Quality assurance	3 days	01. - 03. August	1.050,00 €
Evolution from AIS to AIM	2 days 2 days 2 days	23. - 24. May 26. - 27. September 12. - 13. December	700,00 € 700,00 € 700,00 €
Electronic Terrain and Obstacle Data (eTOD)	2 days 2 days 2 days	30. - 31. May 06. - 07. October 19. - 20. December	700,00 € 700,00 € 700,00 €
AIM Exellecence Programme	On request	On request	On request

Courses	Length	Scheduled Dates	Price per 1 Person
ADQ Training			
ADQ Executive Awareness	1 day 1 day 1 day 1 day	11. January 25. April 29. August 14. November	350,00 € 350,00 € 350,00 € 350,00 €
ADQ General Regulation	5 days 5 days 5 days 5 days	18. - 22. January 02. - 06. May 05. - 09. September 21. - 25. November	1.750,00 € 1.750,00 € 1.750,00 € 1.750,00 €
ADQ for Airport Data	3 days 3 days 3 days 3 days	12 - 14. January 26. - 28. April 30. August - 01. September 15. - 17. November	1.050,00 € 1.050,00 € 1.050,00 € 1.050,00 €
Eurocontrol Means of Compliance	5 days 5 days 5 days 5 days	25. - 29. January 09. - 13. May 12. - 16. September 28. November - 02. December	1.750,00 € 1.750,00 € 1.750,00 € 1.750,00 €
AIM Customized Training			
AIS Ab Initio customized Course	15 days 15 days 15 days	29. February - 18. March 20. June - 08. July 3. - 21. October	On request On request On request
AIS to AIM customized Course	15 days 15 days	9. - 27. May 17. October - 4. November	On request On request

Contact Form

Your contact information:

Title:	Phone:
Surname:	Fax:
First name:	E-mail:

Your company information:

Company name:	Company address:
Company VAT number:	

How would you like us to respond:

☐ Telephone	☐ Providing more information
☐ E-Mail	☐ Personal Meeting / Visit
☐ Fax	☐ Dedicated Offer

Services Interested

1

2

3

4

Training courses interested:

No:	*Course Name*	*Date/Alternative Date*	*No. of Participants*
1			
2			
3			
4			
5			
6			

Please send to:

E-Mail: info@groupead.com

Note: submission of this contact form is not considered an order of services and training. Any orders are subject to an official offer/agreement.

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