

# WHITE PAPER

AIM ICAO

REQUIREMENTS

**ANNEX 15 AND  
DOC 10066**

*Consultancy Service*





## The challenges

Since the implementation and entry into force of ICAO PANS-AIM back in 2018, together with the requirement of implementation of the digital data sets, as well as with the updates in the latest versions of Annex 15 and Doc 8126, a wide number of States are heavily struggling when it comes to implement and demonstrate the required compliance with the applicable mandatory standards, but also with the associated recommended practices.

## About the solution

This consultancy service product has been developed as a tool to enable Aeronautical Information Service Providers to check and measure the actual compliance levels with respect to ICAO documentation related to Aeronautical Information Management. Once the gaps are identified, a roadmap for compliance is depicted to define the mitigation measures and steps for achieving a full SARPs compliance.

## OUR MISSION

To help States meet the Standards.

An **initial workshop** is conducted aimed to detect those areas where the compliance is not achieved or partially achieved. This initial feedback is then assessed in a later stage.

A very detailed **e-Questionnaire** is provided to the State so as to assess the overall status of compliance.

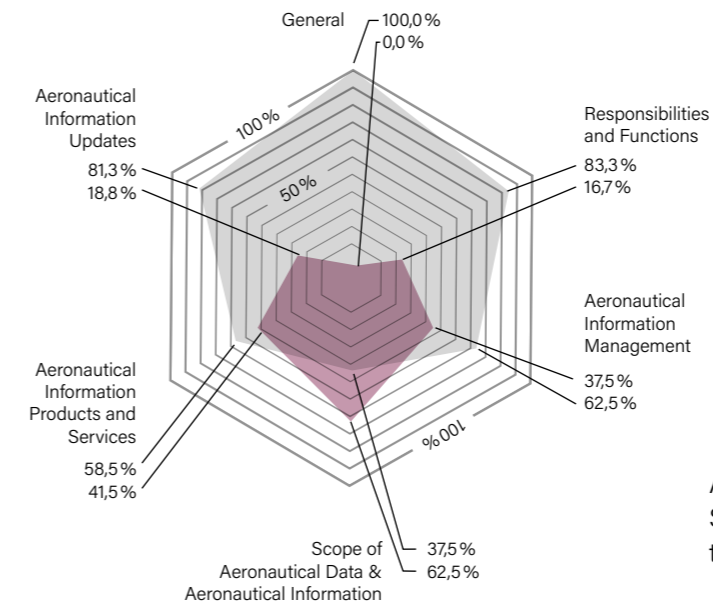
Once the answers are provided, a comprehensive **Gap Analysis** is fulfilled, showcasing those topics where the compliance level is below the necessary threshold. Additionally, a **Roadmap for Compliance** can also be considered to advice on how to guarantee the required levels.

## METHODOLOGY

### What to assess.

A data-driven and results-driven approach is applied by assessing those mandatory/standard requirements defined in both ICAO Annex 15 and ICAO Doc 10066 (PANS-AIM). For that purpose, a total of 120 requirements are considered for Annex 15, and a set of 130 requirements are assessed for PANS-AIM. An e-Questionnaire classified by topic and subtopic is provided, containing diverse questions for each of the groups describing these topics.

ICAO Doc	Requirements
Annex 15 (AIS)	120
10066 (PANS-AIM)	130



## EVALUATION

### How to assess it.

All questions are mapped to the different applicable ICAO Standards or mandatory requirements and depending on the answer selected a compliance category is assigned

Yes	Partially	No	N/A
Requirement fully met	Requirement partially met	Requirement not sufficiently met	Requirement not applicable
COMPLIANT	PARTIALLY COMPLIANT	NON-COMPLIANT	N/A

Once all the topics and subtopics previously grouped by Chapters have been assigned a compliance level according to the answer provided together with the evidences delivered, a global compliance level can be obtained, as well as broken down by both Chapter and topics.



# STRUCTURE

Of the Docs to simplify the analysis.

A classification has been established allocating these mandatory standards into groups, topics and subtopics. Therefore, when defining the levels of compliance, a more comprehensive and detailed outcome is achieved.

## ICAO ANNEX 15

### General

Common Reference Systems for air navigation, Miscellaneous.

### Responsibilities & Functions

Responsibilities and Functions, Aeronautical data and information, Copyright.

### Aeronautical Information Management

Information Management, Data quality specifications, Aeronautical data and aeronautical information, Data quality, Processes, Others.

### Scope of Aeronautical Data & Information

Aeronautical Data & Aeronautical Information.

### Aeronautical Information Products and Services

Aeronautical Information, Digital Data Sets, Distribution Services, Pre-flight Information Service, Post-flight Information Service.

### Aeronautical Information Updates

Specifications, Aeronautical information, Aeronautical information product Updates.

## ICAO Doc 10066 (PANS AIM)

### Aeronautical Information Management

Information Management Requirements.

### Quality Management

Quality (QMS).

### Aeronautical Data Requirements

Requirements (Data Origination & Metadata).

### Aeronautical Information Products and Services

Aeronautical data and information, Standardized Presentation (AIP, AMDTs, SUPs, AICs), Printed products, eAIP, NOTAM, Digital Data, Data Sets. Distribution Services, Pre-Flight Information Services.

### Aeronautical Information Updates

Aeronautical Information Product, AIP Amendments, AIP Supplements, NOTAM, Digital Data Updates.

# SOLUTION

How to define the compliance level.

## COMPLIANCE ASSESSMENT

Once all the answers have been gathered together with the related evidences, the compliance figures can be obtained, not only for a global assessment, but also defined for each one of the Chapters and itemized by topics.

The accuracy of the answers provided for the set of questions can be fine-tuned within the 'evidence' box where additional evidences, relevant information and/or proofs of compliance can be included.

## PROPOSALS FOR COMPLIANCE

Different percentages will be obtained from the answers and evidences provided.

Depending on the answer provided and hence the compliance level determined, proposals for improvement and specific recommendations can be obtained. For these suggestions, and considering the topic and subtopics assessed and, in particular, the requirement analysed, the proposals are focused on three areas: technical, operational, and manpower-related.



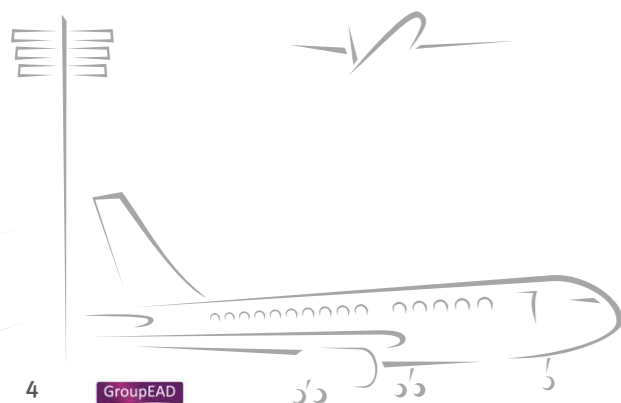
Questionnaire completion



Compliance levels analysis



Recommendations for Improvement



## ... About GroupEAD Europe Consultancy Services

GroupEAD offers a wide range of consultancy services from ICAO and EU Aeronautical Data Regulation compliance, PBN implementation, AIS to AIM migrations to AIM system and QMS implementation.

**Our mission is to support our partners all over the world in a transformation of their conventional AIS into a truly digital AIM.**

We offer our knowledge and expertise to assist our customers in the development and implementation of specialized systems, optimizing operational procedures, and compliance with international regulations. Solutions and recommendations will focus on practical application and be considerate of operational implications.

Our consultants are continuously tracking the latest developments in their respective fields of expertise. The international nature of our team ensures they are able to adapt to local and customer-specific requirements with ease.

Because every case is unique, at GroupEAD most of our clients' requests are solved with an individually customized solution.

To be able to apply the best solution to your case, please advise us of your specific requirements.

*Together we will find a solution.*

## Do not hesitate to contact us:



**Hannes Thiesz**  
VP AIM Business  
hannes.thiesz@groupead.com  
+49 6196 7696 300



**Henry Cáceres**  
Senior AIM Project Expert  
henry.caceres@groupead.com  
+34 662 351 531



**Óscar Centeno**  
Deputy Officer Training  
oscar.centeno@groupead.com  
+34 670 763 267

## ... About GroupEAD Europe Premises



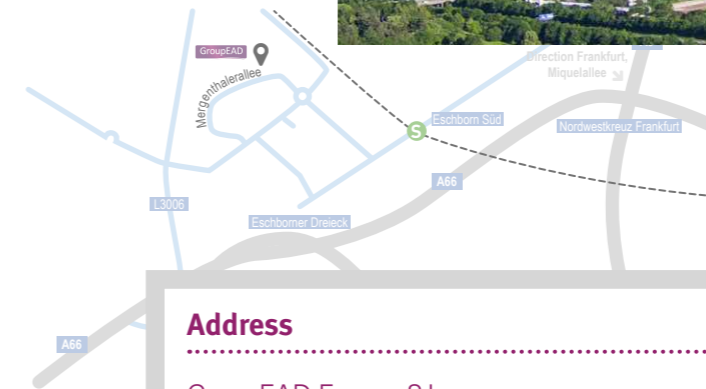
### MADRID SPAIN



#### Address

GroupEAD Europe S.L.  
Business Premises Madrid  
Parque Empresarial San Fernando  
Avenida de Castilla 2,  
Edificio Francia, Escalera A - Piso 2  
28830 San Fernando de Henares, Madrid  
SPAIN

### FRANKFURT GERMANY



#### Address

GroupEAD Europe S.L.  
Business Premises Germany  
Mergenthalerallee 73-75  
65760 Eschborn  
GERMANY

**GroupEAD Europe S.L.**  
**Business Premises Germany**

Mergenthalerallee 73-75  
65760 Eschborn  
Germany

Phone: +49 6196 7696 0  
[info@groupead.com](mailto:info@groupead.com)

