

Product brief: CADAS-AIP

Comprehensive AIP document management

The Frequentis Aeronautical Information Publisher CADAS-AIP is an application for the creation and editing of aeronautical publications such as AIPs, eAIPs, and also customised publications like VFR manuals. The automated publication-generation process has been developed in accordance with the requirements of international aviation authorities and the needs of AIM operators. Employing a data-centric approach, the latest aeronautical information is taken from an AIXM 5.1 data repository (e.g. CADAS-AIMDB) and used to automatically implement data changes into all publications.

The CADAS-AIP is integrated with the publication management component. This is a browser-based application for the management of documents and publications, and it simplifies and coordinates the publication process. It also provides an interface to external systems such as EAD PAMS. Publication management contains integrated workflows to allow the tracing of publication steps for legal recording purposes.

Key features

CADAS-AIP

- Creation of monolingual and bilingual AIPs
- Creation of autogenerated data-driven tables
- Contains complete set of data-driven tables and chapters according to ICAO specification
- Automated version control
- WYSIWYG text editor
- Automated highlighting of document changes in accordance to ICAO Annex 15
- Creation of custom publications based on a single data source

CADAS-WebClient

- Workflows for updating text and charts including verification and publication steps
- Management of text and charts in a single application
- Handling of multiple AIP publication types – ICAO Annex 15 or custom
- Temporality including version control
- Continuous data consistency checks and user alerts for updates
- Simple UI for updating AIP releases in published AIP management systems (PAMS)



CADAS-AIP & publication management at a glance

- Complete publication tool developed in compliance with ICAO Doc 8126 and the EUROCONTROL eAIP specifications
- Powerful table-generation tools allow direct processing of data from AIXM 5.1 database
- Single source of page layout templates ensures unified appearance throughout the entire publication

AIP
CZECH REPUBLIC

ENR 4.4-1
26 MAY 17

ENR 4.4 KÓDOVÉ NÁZVY OZNAČENÍ VÝZNACNÝCH BODŮ

ENR 4.4 NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS

Poznámka: Souřadnice bodů psaných kurzívou a označených "ED", "EP", "LO" a "LZ" jsou do AIP ČR převzaty z European AIS Database (EAD). Body jsou publikovány tak, jak jsou v EAD uloženy. V EAD jsou udržovány těmito státy:

*"ED" - Německo
"EP" - Polsko
"LO" - Rakousko
"LZ" - Slovensko*

Note: Coordinates of points written in italics and marked by "ED", "EP", "LO" and "LZ" are for AIP CR taken from European AIS Database (EAD). The points are published as they are stored in the EAD. In the EAD the points are maintained by the following states:

*"ED" - Germany
"EP" - Poland
"LO" - Austria
"LZ" - Slovakia*

Kódové označení Name-code designator	Souřadnice Coordinates	ATS trať nebo jiná trať ATS route or other route	Zaměření Definition
1	2	3	4
ABRAK	49.69770278 15.89488333	M748, T135	ERROR: Angle type must be RDL, MAG or TRUE-68 VLM 32.26 DME VLM
ABUDO	48.99652739 14.24008878	Z205, Z37	ERROR: Angle type must be RDL, MAG or TRUE-259 OKF 51.62 DME OKF
ADADO	50.20948056 17.74793056	M992	ERROR: Angle type must be RDL, MAG or TRUE-29 BNO

Kódové označení Name-code designator	Souřadnice Coordinates	ATS trať nebo jiná trať ATS route or other route	Zaměření Definition
1	2	3	4
ANEXO	49.89265 15.06662778	-	ERROR: Angle type must be RDL, MAG or TRUE-357 VLM 9.5 DME VLM
ARMOV	50.19076667 13.2807	-	ERROR: Angle type must be RDL, MAG or TRUE-75 OKG 34.5 DME OKG
ARNUM	50.20658611 17.10994444	M992	ERROR: Angle type must be RDL, MAG or TRUE-11 BNO

Data Supervisors	
13.316.187/SmartAIM	
Logout admin@50Simple MIGRATION@18.316.177/SmartAIM	
Change Password	
Requests Documents Distributions Data Supervisors	
Data Supervisors Summary	
State	Name
Valid	Required Attributes
Valid	Non-validated Objects
Valid	Unpublished Entries
Valid	Non-validated Element
Critical message	Embedded Objects
Valid	Nested Structures
Valid	Non-validated Element
Critical message	Changed Layouts
Valid	Changed Layers
Valid	Changed Labels
Unknown	Non-validated Element
Valid	Hand Amendment
Valid	Objects without Chart
Valid	Objects without Geometry
Progress	Critical Messages
Optional Messages	Start Time
End	

Benefits

CADAS-AIP and publication management provide sophisticated tools for the management of AIP documents. The use of the AIXM 5.1 repository as a single source of AIXM data for the creation of chapters and charts eliminates the potential for data errors.

The publication management functionality provides an easy way to manage the entire publication structure including version control.

CADAS-AIP can be complemented by deploying CADAS-Charting to modernise and largely automate the whole AIP production process including aeronautical charts.

Facts and figures

Compliance with industry standards	AIXM 5.1, ICAO Annex 15, ICAO Doc 8126, EUROCONTROL eAIP specifications, ADQ
Published formats	AIPs and eAIPs in PDF and HTML
Data document types	ICAO Annex 15-compliant AIPs, AIP amendments, AIP supplements and circulars

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