Data Product Specification
of
PANSA AMDB Data Set (EPPO)

Version:	1.0
This version	https://www.ais.pansa.pl/en/publications/digital-data-sets/
Latest version	https://www.ais.pansa.pl/en/publications/digital-data-sets/
Published	2025-12-24
Language	English
Area of the data product	FIR EPWW
Topic category	Transportation
Keywords	AMDB, Airport, AIXM 5.1

Overview of the AMDB data set

The aeronautical data of the AMDB data set is collected and published according to ICAO Annex 15 requirements. This data set is a full data set and it contains the following aeronautical data features:
- ➢ Aerodrome data
- ➢ Runway data
- ➢ Taxiway data
- ➢ Apron data
- ➢ Aircraft Stand data
- ➢ Vertical Structure data
- ➢ Ground Light System data
- ➢ Other geographic data
- ➢ Other information data
- ➢ Schedule
- ➢ Geometry

History of changes to the DPS

Version	Date	Reason for change	Changed sections
1.0	2025-12-24	Creation of document	All

Content

1. Specification scope

Title	PANSA AMDB data set
This version	https://www.ais.pansa.pl/en/publications/digital-data-sets/
Latest version	NIL
Published	2025-12-24
Updated	In accordance with AIRAC cycle
Language	English
Contact	Aeronautical Information Service 02-147 Warszawa, ul. Wieżowa 8 AIS HQ: +48-22-574-5625, fax: +48-22-574-5619 AFS: EPWWYOYX, e-mail: ais.poland@pansa.pl NOTAM Office: +48-22-574-7174, fax: +48-22-574-7179 AFS: EPWWYNYX, e-mail: nof@pansa.pl http://www.ais.pansa.pl
Web location	https://ais.pansa.pl
Format	AIXM 5.1
Maintenance	The data product specification is updated regularly and reviewed at least once every year.
Terms and definitions	See Commission Implementing Regulation (EU) 2017/373.
Abbreviations	See Commission Implementing Regulation (EU) 2017/373.

2. Data product Identification

Official title	PANSA AMDB Data Set
ID	EP_%AD_ident%_AMDB_%AIRAC_DATE%_AIRAC.xml
Abstract	Core AIXM Features to be Included: • AirportHeliport: %AD_name% (name, ICAO, IATA, operator, usage,) • Runway/RunwayElement & RunwayDirection (length, width, surface) • Taxiway/TaxiwayElement: All operational taxiways with designators, surface types, geometry, availability and other information • Apron/ApronElement: Surface, geometry, availability and other information • AircraftStand: Designator, types, geometry and availability (aircraft categories supported) • VerticalStructure: Obstacles in vicinity of airport • GuidanceLine • TaxiHoldingPosition • GroundLightSystem • Marking
Purpose	To support digital aviation processes by providing aeronautical data in an accessible format for service providers, airspace users, and air traffic control systems.

Topic category	Transportation
Keywords	AMDB, Airport, AIXM 5.1, Taxiway, Runway, Apron
Spatial representation	Vector
Spatial resolution	Not applicable
Restrictions	Use limitations: For aviation use only Access restrictions: Unrestricted Usage restrictions: Unrestricted Security restrictions: Unclassified
Extent	FIR EPWW – Aerodromes scope

3. Data content and structure

Narrative description	The data model for aeronautical data follows the model defined in AIXM 5.1.
Application schema	https://aixm.aero/
Feature catalogue	According to AMD features - AIXM Confluence: https://ext.eurocontrol.int/aixm_confluence/display/ACGAMD/Features

4. Reference system

Spatial reference system	Horizontal reference system: WGS-84 (EPSG: 4326) Vertical reference system: Kronstadt-86 (OTHER:PLKRON86NH) or Amsterdam (OTHER:PLEVRF2007NH)
Temporal reference system	Gregorian Calendar, UTC.

5. Data quality requirements

Requirement 1	Data quality element: Accuracy Data quality measure: The accuracy requirements are specified in Annex B and are based on a 95% confidence level.
Requirement 2	Data quality element: Resolution Data quality measure: The resolution requirements are specified in Annex B.
Requirement 3	Data quality element: Assurance (Integrity) Data quality measure: The integrity requirements are specified in Appendix B. The procedures for processing aeronautical data have been setup to meet the integrity requirements.
Requirement 4	Data quality element: Traceability Data quality measure: All actions applied to the aeronautical data have been recorded. The traceability records are available on request.
Requirement 5	Data quality element: Timeliness Data quality measure: Timeliness is assured by providing the start and end time of all aeronautical data according to the temporality concept of AIXM.
Requirement 6	Data quality element: Completeness

	Data quality measure: All features and attributes are expressed according to the AIXM model. The content of the data set was checked by visual inspection.
6. Data capture	
Description	Data has been captured according capture rules Eurocontrol Specification for the Origination of Aeronautical Data.
Guide	NIL
Inclusion criteria	The data set includes all subjects and properties that are listed in EUROCAE ED-99/ED-119, EUROCONTROL AMDB Specification.
Data acquisition and processing	AIP Poland, Satellite imagery, Official CAD layouts
7. Data maintenance	
Description	The data set will be updated in AIRAC cycle.
Frequency	Continually
User defined	Not applicable
8. Data portrayal	
Portrayal rules	NIL
9. Data product delivery	
Format name	AIXM
Format version	5.1
Format specification	AIXM 5.1 Specification (source http://aixm.aero)
File structure	http://www.aixm.aero/schema/5.1/AIXM_Features.xsd
Language	English
Character set	UTF-8
Units of delivery	Dataset
Transfer size	Not applicable
Medium name	Not applicable
Other delivery	Not applicable
10. Metadata	
Specification	The metadata is included in the data set as described in Commission implementing regulation (EU) 2017/373 AIS.TR.340. The following metadata is provided: • name of the organisations or entities providing the data set; • the date and time when the data set was provided; • the validity of the data set; and • any limitations on the use of the data set.
Encoding	Title: ISO 19139:2007, Geographic information – Metadata – XML schema implementation Date: 2007
11. Additional information	
Additional information	Not applicable