

# AIXM 5.2 DEVELOPMENT STATUS

### AIXM 5.2 BRIEFING, 27 OCT 2021

Presented by: Aleksander Wojtowicz (Eurocontrol)

## **OPEN ISSUES & CHANGE PROPOSALS**

Components	Coun	t Percentage		Labels	Count Percentage	
Aerial Refuelling	2	•	1%	ready_for_CP	24	11
Aircraft and Flight	7	-	3%	on_hold	25	11
AirportHeliport	48		22%	awaiting_more_commer	nts 67	30
Airspace	9	-	4%	CP_ready	37	17
Airspace Layer	1		0%	CP_draft_to_review	9 👄	4%
Geometry	6	-	3%	CP_draft_in_progress	16 —	7%
Holding	3	•	1%	CP_approved	43	19
ight Element	5	-	2%	Total	221	
Vavaids	14		6%			
lotes	1		0%	Issue Statistics: Al	XM 5.2 - Change Proposals (Components)	," C3 №
Obstacle	15	_	7%	Components Count	: Percentage	
Organisation	2	•	1%		, ereinage	
			170	Aerial Refuelling 1	•	1
oints	5	•	2%	Aerial Refuelling 1 Aircraft and Flight 6		
	5 45			_		1' 9 2'
rocedure			2%	Aircraft and Flight 6 AirportHeliport 20 Airspace 2	-	9 2
Procedure Routes	45		2%	Aircraft and Flight 6 AirportHeliport 20 Airspace 2 Holding 1		9 2 3 1
Procedure Routes RulesProcedures	45 20	-	2% 20% 9%	Aircraft and Flight 6 AirportHeliport 20 Airspace 2 Holding 1 Navaids 3		9 2 3 1 4
Procedure Routes RulesProcedures Schedules	45 20 1		2% 20% 9% 0%	Aircraft and Flight 6 AirportHeliport 20 Airspace 2 Holding 1	· - - -	9 2 3 1 4 6
Procedure Routes RulesProcedures Schedules Service	45 20 1 5	-	2% 20% 9% 0% 2%	Aircraft and Flight6AirportHeliport20Airspace2Holding1Navaids3Obstacle4		9 2 3 1 4 6 4
Procedure Routes RulesProcedures Schedules Service Standard Levels	45 20 1 5 12 1		2% 20% 9% 0% 2% 5%	Aircraft and Flight6AirportHeliport20Airspace2Holding1Navaids3Obstacle4Points3		9 2 3 1 4 6 4 3
Procedure Routes RulesProcedures Schedules Service Standard Levels	45 20 1 5 12 1		2% 20% 9% 0% 2% 5% 0%	Aircraft and Flight6AirportHeliport20Airspace2Holding1Navaids3Obstacle4Points3Procedure22		9 2 3 1 4 6 4 3 1 3
Points Procedure Routes RulesProcedures Schedules Service Standard Levels Surface Assessmen Surveillance No component	45 20 1 5 12 1 t 2		2% 20% 9% 0% 2% 5% 0% 1%	Aircraft and Flight6AirportHeliport20Airspace2Holding1Navaids3Obstacle4Points3Procedure22Routes9		9

# CHANGE PROPOSALS

- Lot 1 Approved in October 2018
- Lot 2 Approved in June 2019
- Lot 3 Approved in January 2020
- AIXM-447 Suspend use of deprecation
  - Approved in June 2020
  - All earlier approved changes have been updated
- AIXM-400 Forward-backward data mapping strategy
  - Subject to updates as new mapping cases emerge

## AIXM 5.2 CHANGES

#### AIXM Spaces 🗸

#### Dashboard

#### **AIXM 5.2 Changes Overview**

Created by EDUARD POROSNICU, last modified on 11 Feb 2021

The purpose of this space is to provide information about the new AIXM 5.2 version, which is being developed under the AIXM Change Control Board (CCB).

The AIXM 5.2 *Change Proposals* that have *already* been *approved* in the CCB are *listed below* and the complete change description is provided on a separate page. Where available, data coding examples and other supporting material is provided in order to facilitate the understanding of the changes.

In addition, a summary of remaining issues and change proposals that are in development under the CCB is provided. This will be updated monthly until the final AIXM 5.2 publication - remaining issues and change proposals in development.

Important Note

This site is for information only! The change proposals presented here have already been approved by the AIXM CCB. Only comments of an editorial nature should be made here. Comments and suggestion for further AIXM model improvements should be provided via the AIXM CCB members.

r a	Transversal Topics	Routes	Airspace
c ii F r c l l l l c c d d s: i: i: k k	<ul> <li>AIXM-142 Correct association cardinalities</li> <li>AIXM-337 Design standard extended to additional features</li> <li>AIXM-343 AIXM version naming policy</li> <li>AIXM-341 Allow lower case in names</li> <li>AIXM-400 Forward-backward data mapping strategy</li> <li>AIXM-404 Add &lt;<object>&gt; persistent identifiers</object></li> <li>AIXM-419 Correct multiplicity of multi-occurring &lt;<choice>&gt; classes</choice></li> <li>AIXM-420 Definitions corrections and improvements (AIRM alignment)</li> <li>AIXM-432 Definitions corrections and improvements (AIRM alignment)</li> <li>AIXM-432 Remove decimals limitation on vertical distances</li> <li>additional values in codelists</li> <li>AIXM-407 Additional value for flight status</li> <li>AIXM-425 Add support for start/end twilight</li> </ul>	<ul> <li>AIXM-428 Multiple MEA values for RouteSegment</li> <li>AIXM-433 Route availability</li> <li>AIXM-435 Route segment reference to cardinal directions</li> </ul>	<ul> <li>AIXM-401 Use of term UA(S) instead of UAV</li> <li>AIXM-414 Add name property to AirspaceVolume</li> </ul>
2	Navaids/Points	Airport/Heliport	Obstacles
d	<ul> <li>AIXM-402 Add ICAO Country code to DesignatedPoint and Navaid</li> </ul>	AIXM-398 New aerodrome reference code for Runway     AIXM-405 Allow more OrganisationAuthority associated with	<ul> <li>AIXM-322 Obstacle visual marking new property</li> </ul>
ci	-	AirportHeliport • AIXM-406 New association CheckpointINS to Aircraft Stand	AIXM-399 Obstacle name, location     and designator
9		AIXM-408 Additional visual slope indicator position	and designator
		attributes <ul> <li>AIXM-409 Runway Safety-Related Lighting and Marking</li> </ul>	
i r <del>•</del>		Alimited Statistics Safety-Related Lighting and Marking Changes     AIXM-412 Add possibility to specify a timezone for airports	

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- PAGE TREE
- AIXM-142 Correct association car

AIXM 5.2 Changes

- AIXM-318 Runway side additional
- AIXM-319 Aerodrome surface cor
- AIXM-321 Aerodrome surface pre
- AIXM-322 Obstacle visual marking
- AIXM-337 Design standard extent
- AIXM-338 Aerodrome surface cor
- AIXM-339 Runway marking type a
- AIXM-340 Aerodrome type additi
- AIXM-341 Navigation equipment
- AIXM-343 AIXM version naming p
- AIXM-391 Allow lower case in nar
- AIXM-398 New aerodrome refere
- AIXM-399 Obstacle name, locatio
- AIXM-400 (intermediate version) I
- · AIXM-401 Use of term UA(S) inste
- · AIXM-402 Add ICAO Country cod
- AIXM-403 ProcedureTransition as:
- AIXM-404 Add <<object>> persi:
- AIXM-405 Allow more Organisatic
- AIXM-406 New association Check
- AIXM-407 Additional value for flic
- AIXM-408 Additional visual slope
- AIXM-409 Runway Safety-Related
- · AIXM-412 Add possibility to speci
- AIXM-413 Additional taxi holding
- · AIXM-414 Add name property to
- AIXM-415 Add segmented circle i
- AIXM-419 Correct multiplicity of r

#### Pages