

Eighth Meeting of the MIDANPIRG AIM Sub-Group (AIM SG/8) and Sixth Meeting of the MID Region AIM Database Task Force (MIDAD TF/6) (Virtual Meetings, 13 - 15 September 2021)





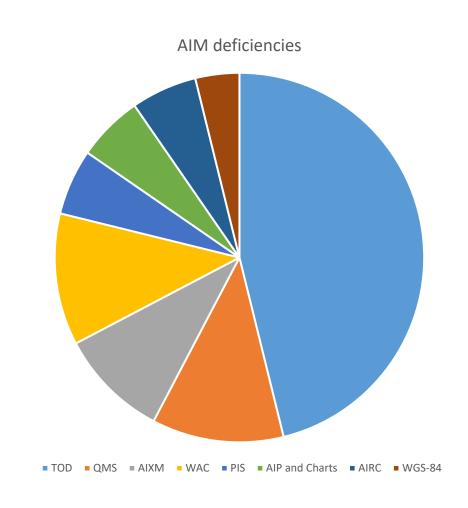
AIM SG/8

Agenda Item 6: Review of Air Navigation Deficiencies in the AIM Field

ICAO MID AIM SG/8 2 of 6

Air Navigation Deficiencies in AIM

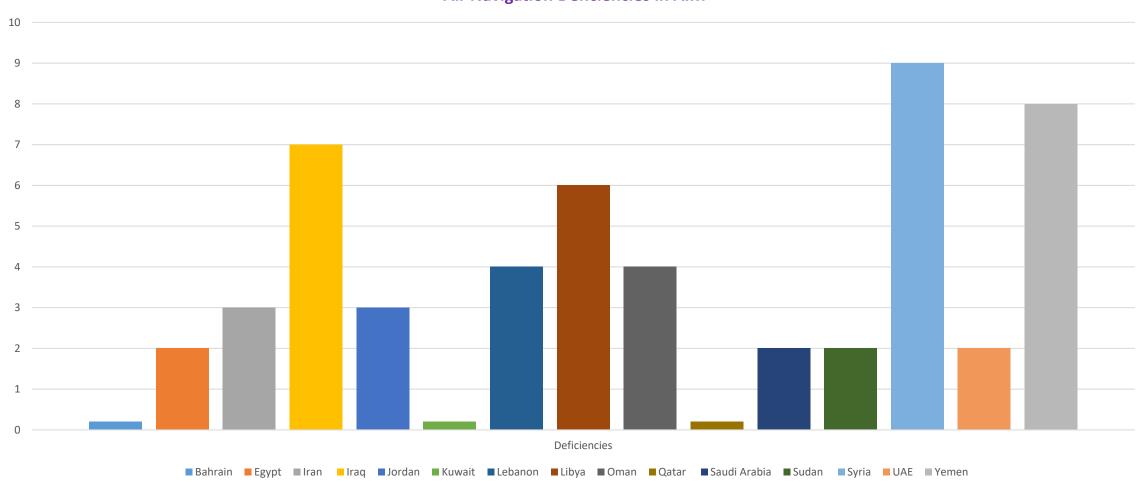
- → The MIDANPIRG/18 meeting urged States to use the MID Air Navigation Deficiency Database (MANDD) for the submission of requests for addition, update, and elimination of Air Navigation Deficiencies, including the submission of a specific Corrective Action Plan (CAP) for each deficiency.
- The meeting reiterated that a deficiency would be eliminated only when a State submit a formal Letter to the ICAO MID Office containing the evidence(s) that mitigation measures have been implemented for the elimination of this deficiency.
- → The total number of AIM deficiencies is fifty-two (52); forty (46) priority "A" and six (6) priority "B".







Air Navigation Deficiencies in AIM





5 of 6

AI 6-App 6A Deficiencies in the AIM Field

→ The updated list of deficiencies in the AIM field, as endorsed by MIDANPIRG/18, is at Appendix 6A.

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Action by the meeting

The meeting is invited to:

- review and update the list of deficiencies in the AIM field, at **Appendix 6A**; and
- urge States to submit a specific Corrective Action Plan (CAP) for each deficiency, as appropriate.

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APPENDIX 6A

Deficiencies in the AIM/MAP Field

EGYPT

Item No	Identif	fication		Deficiencies			Co	orrective Action		
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale fo Non-elimination	or	Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 15: 5.3.3.4.3 5.3.3.4.5 5.3.3.4.10		Lack of provision of required obstacle data sets	May, 2014		0	Phase 1: Determine the required specification for Obstacles area 1 and 4 (1/1/2018 to 1/3/2018); Phase 2: provide the required specification to Consultancy office to determine the implementing entity (1/3/2018 to 1/3/2019); Phase 3: Determine the implementing entity and begin to produce new software for eTOD (1/03/2019 to 1/12/2019); Phase 4: finish the new software and begin to produce eTOD area 4 (from existing raw data from Cairo International Airport Company) (1/1/2020 to 1/6/2020); Phase 5 (in parallel with phase 4): begin to produce eTOD area 1 after get raw data (1/1/2020 to 31/12/2020) Terrain data sets are provided for Areas 1 and 4. Terrain data sets for area 2a, TOFP and OLS are not provided.	Egypt	Dec, 2022	A

⁽¹⁾ Rationale for non-elimination: "F"= Financial

Item No	Identif	fication		Deficiencies			C	orrective Action		
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	r	Description	Executing Body	Date of Completion	Priority for Action
2	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3 5.3.3.3.8		Lack of provision of required terrain data sets	May, 2014			Phase 1: Determine the required specification for Obstacles area 1 and 4 (1/1/2018 to 1/3/2018); Phase 2: provide the required specification to Consultancy office to determine the implementing entity (1/3/2018 to 1/3/2019); Phase 3: Determine the implementing entity and begin to produce new software for eTOD (1/03/2019 to 1/12/2019); Phase 4: finish the new software and begin to produce eTOD area 4 (from existing raw data from Cairo International Airport Company) (1/1/2020 to 1/6/2020); Phase 5 (in parallel with phase 4): begin to produce eTOD area 1 after get raw data (1/1/2020 to 31/12/2020) Terrain data sets are provided for Areas 1 and 4. Terrain data sets for area 2a, TOFP and OLS are not provided.	Egypt	Dec, 2022	A

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IRAN

Item No	Identif	ication		Deficiencies			Co	orrective Action		
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination	for	Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 15: Para. 2.3.10 and 3.5.3	-	Lack of AIXM-based AIS Database	Dec, 2007	-	О	Based on Corrective action plan it's divided on two millstone, First; Setup new software till July 2021, Second Update database by End of DEC2021	Iran	Dec, 2021	A
2	ANNEX 15: 5.3.3.3.2 5.3.3.3.3 5.3.3.3.8	-	Lack of provision of required terrain data sets	Jan, 2021	-	O	Terrain data sets are available for Areas 1, 4 and 2a. Terrain data sets for TOFP and OLS are not provided.	Iran	Dec, 2021	A
3	ANNEX 15: 5.3.3.4.3 5.3.3.4.5 5.3.3.4.10	-	Lack of provision of required obstacle data sets	Jan, 2021	-	0	Obstacle data sets are available for Areas 1, 4 and 2a. Obstacle data sets for TOFP and OLS are not provided.	Iran	Dec, 2021	A

IRAQ

Item No	Identi	fication	г	Deficiencies			C			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	May, 1995	-	F H S	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2023	В
2	ANNEX 15: Para. 1.2.1.1	-	Implementation of geoid undulation referenced to the WGS-84 ellipsoid	Dec, 1997	-	F H O	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2024	A
3	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	Jan, 2003	-	F H O	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2022	A
4	ANNEX 4: Para. 11.2	-	Non-production of Instrument Approach Chart-ICAO for Mousl Intl. Airport	Jan, 2003	-	F H O	An official letter regarding the status of Mosul Airport was not submitted to ICAO MID office	Iraq	Dec, 2021	A
5	ANNEX 15: Para. 5.5	-	Non provision of pre-flight information service at international airports	Mar, 2004	-	F H O	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2023	A
6	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3 5.3.3.3.8	-	Lack of provision of required terrain data sets	May, 2014	-	0	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2024	A

⁽¹⁾ Rationale for non-elimination: "F"= Financial

Item No	Identif	Identification Deficien					Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
7	ANNEX 15: Para.5.3.3.4.3 5.3.3.4.5 5.3.3.4.10	-	Lack of provision of required obstacle data sets	May, 2014	-	0	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2024	A	

JORDAN

Item No	Identi	fication	1	Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO1:1 000 000	Feb, 2008	-	F H	Corrective Action Plan has not been formally provided by the State	Jordan	Dec, 2021	В
2	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3 5.3.3.3.8	-	Lack of provision of required terrain data sets	May, 2014	-	F H	Corrective Action Plan has not been formally provided by the State	Jordan	Dec, 2022	A
3	ANNEX 15: Para. 5.3.3.4.3 5.3.3.4.5 5.3.3.4.10	-	Lack of provision of required obstacle data sets	May, 2014	-	F H	Corrective Action Plan has not been formally provided by the State	Jordan	Dec, 2022	A

LEBANON

Item No	Identii	fication	I	Deficiencies			(Corrective Action		
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO1:1 000 000	May, 1995	-	Н	Corrective Action Plan was provided in August 2016.	Lebanon	Dec, 2021	В
2	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	Jan, 2003	(USOAP-CMA finding)	Н	Corrective Action Plan was provided in August 2016.	Lebanon	Dec, 2022	A
3	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May, 2014	-	О	Corrective Action Plan was provided in August 2016.	Lebanon	Dec, 2021	A
4	ANNEX 15: 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May, 2014	-	О	Corrective Action Plan was provided in August 2016.	Lebanon	Dec, 2021	A

LIBYA

Item No	Identi	fication	I	Deficiencies			C	orrective Action		
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	May, 2014	-	О	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2021	В
2	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	May, 2014	(USOAP-CMA finding)	О	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2021	A
3	ANNEX 15: Para 6.2	-	Lack of a system for AIRAC adherence monitoring	May, 2014	-	О	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2021	A
4	ANNEX 15: Para. 2.3.10 and 3.5.3	-	Lack of AIXM-based AIS Database	May, 2014	-	О	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2021	A
5	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May, 2014	-	О	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2021	A
6	ANNEX 15: Para. 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May, 2014	-	О	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2021	A

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OMAN

Item No	Identif	ication	I	Deficiencies			Co	orrective Action		
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	Jan, 2003	(USOAP-CMA finding)	O	- An agreement with an international quality company is established to assist for progressive implementation of quality systems within DGAN AIS. - QMS is expected to be fully implemented by September 2019.	Oman	Jun, 2021	A
2	ANNEX 15: Para. 2.3.10 and 3.5.3	-	Lack of AIXM-based AIS Database	Jul, 2005	-	0	A contract is going to be signed with a company specializing in this area for AIP Data Migration. AIM equipment installation will be completed by end of February 2017. The target is to have 70% of the data by June 2018	Oman	Dec, 2022	A
3	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May, 2014	-	0	An agreement with National survey authority is going to be established to assist for progressive implementation of terrain datasets for area1. The target is to have the required data by Dec 2019.	Oman	Dec, 2022	A

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Item No	Identif	ication	Г	Deficiencies			Co	orrective Action		
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
4	ANNEX 15: Para. 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May, 2014	-	0	Area 1 obstacles are published in AIP Oman ENR 5.4 "Air Navigation (En-Route) Obstacles". Data originators for obstacles will be consulted for Area 1 obstacle completeness and update.	Oman	Dec, 2022	A

SAUDI ARABIA

Item No	Identif	ication	I	Deficiencies			Co	orrective Action		
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale f Non-elimination	for	Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 15: para. 5.3.3.3.2 5.3.3.3.3 5.3.3.3.8	-	Lack of provision of required terrain data sets	Dec, 2021	-	O	Terrain data sets are available for Areas 1 and 4. Terrain data sets for area 2a, TOFP and OLS are provided in: OERK, OEDF, OEMA, and OEJN. Updates of OEJN terrain digital data sets are expected to be available and published by: Q1-2021	Saudi Arabia	Dec, 2021	A
2	ANNEX 15: 5.3.3.4.3 5.3.3.4.5 5.3.3.4.10	-	Lack of provision of required obstacle data sets	Dec, 2021	-	O	Obstacle data sets are provided for Areas 1 and 4. Obstacle data sets for area 2a, TOFP and OLS are provided in: OERK, OEDF, OEMA, and OEJN. Updates of OEJN terrain digital data sets are expected to be available and published by: Q1-2021	Saudi Arabia	Dec, 2021	A

⁽¹⁾ Rationale for non-elimination: "F"= Financial

SUDAN

Item No	Identi	fication	I	Deficiencies			Corrective Action					
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action		
1	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May, 2014	-	O	Corrective Action Plan has not been formally provided by the State	Sudan	Dec, 2021	A		
2	ANNEX 15: Para. 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May, 2014	-	0	Corrective Action Plan has not been formally provided by the State	Sudan	Dec, 2021	A		

SYRIA

Item No	Identification		Deficiencies				Corrective Action				
1,0	Requirement Facilities/ Services		Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
1	ANNEX 15: Para 6.2	-	Lack of a system for AIRAC adherence monitoring	May, 1995	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2021	A	
2	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO1:1 000 000	May, 1995	-	F H S	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2021	В	
3	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	Jan, 2003	(USOAP-CMA finding)	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2021	A	
4	ANNEX 15: Para. 1.2.1.1	-	Implementation of geoid undulation referenced to the WGS-84 ellipsoid.	Jan, 2003	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2021	A	
5	ANNEX 15 Para. 5.2 and 6.3.1	-	Lack of consistency in AIP information and lack of regular and effective updating of the AIP.	Jul, 2005	-	Н	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2021	A	
6	ANNEX 15: Para. 2.3.10 and 3.5.3	-	Lack of AIXM-based AIS Database	Jul, 2005	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2021	A	
7	ANNEX 15: Para. 5.5	-	Non provision of pre-flight information service at international airports	Jul, 2005	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2021	A	

⁽¹⁾ Rationale for non-elimination: "F"= Financial

Item No	Identification		Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description	Date First Reported			Description	Executing Body	Date of Completion	Priority for Action	
8	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May, 2014	-	О	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2021	A	
9	ANNEX 15: Para. 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May, 2014	-	0	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2021	A	

UAE

Item No	Identification		Deficiencies				Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
1	ANNEX 15: 5.3.3.3.2 5.3.3.3.3 5.3.3.3.8	-	Lack of provision of required terrain data sets	Dec, 2021		0	Terrain data sets are provided for Areas 1, 4 and 2a. Terrain data sets for TOFP and OLS are not provided. Abu Dhabi Airports (Fully Compliant) Dubai Airports (Fully Compliant) OMSJ (Fully Compliant) OMFJ (Fully Compliant)	UAE	Dec, 2021	A	
							All UAE Intl Airports are providing full Area 2 Terrain.				

Item No			1	Deficiencies			Corrective Action					
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action		
2	ANNEX 15: 5.3.3.4.3 5.3.3.4.5 5.3.3.4.10		Lack of provision of required obstacle data sets	Dec, 2021		0	Obstacle data sets are provided for Areas 1, 4 and 2a. Obstacle data sets for TOFP and OLS are not provided. Abu Dhabi Airports (Fully Compliant) Dubai Airports (Fully Compliant) OMSJ (Fully Compliant) OMFJ (Fully Compliant) (Partially compliant, update survey required) All UAE Intl Airports are providing full Area 2 obstacles.	UAE	Dec, 2021	A		

YEMEN

Item No	Identification		Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
1	ANNEX 15: Para 6.2	-	Lack of a system for AIRAC adherence monitoring	May, 1995	-	Н	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2021	A	
2	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO1:1 000 000	May, 1995	-	F	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2021	В	
3	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	Jan, 2003	-	F	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2021	A	
4	ANNEX 4: Para. 11.2	-	Non-production of Instrument Approach Chart-ICAO for TAIZ Intl. Airport	Jan, 2003	-	О	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2021	A	
5	ANNEX 15: Para. 5.5	-	Non provision of pre-flight information service at international airports	Mar, 2004	-	F H	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2021	A	
6	ANNEX 15: Para. 2.3.10 and 3.5.3	-	Lack of AIXM-based AIS Database	Jul, 2005	-	F	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2021	A	
7	ANNEX 15: Para 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May, 2014	-	0	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2021	A	

⁽¹⁾ Rationale for non-elimination: "F"= Financial

Item No	Identif	ication	Deficiencies				Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
8	ANNEX 15 : Para. 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May, 2014	-	0	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2021	A	

Note:* Priority for action to remedy a deficiency is based on the following safety assessments:

'U' priority = Urgent requirements having a direct impact on safety and requiring immediate corrective actions.

Urgent requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is urgently required for air navigation safety.

'A' priority = Top priority requirements necessary for air navigation safety.

Top priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation safety.

'B' priority = Intermediate requirements necessary for air navigation regularity and efficiency.

Intermediate priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation regularity and efficiency.

Definition:

A deficiency is a situation where a facility, service or procedure does not comply with a regional air navigation plan approved by the Council, or with related ICAO Standards and Recommended Practices, and which situation has a negative impact on the safety, regularity and/or efficiency of international civil aviation.

- END -