



International Civil Aviation Organization

Runway and Ground Safety Working Group

Fourth Meeting (RGS WG/4)
(Cairo, Egypt, 05-07 November 2017)

Agenda Item 5: AOP Air Navigation Deficiencies

REVIEW OF AOP AIR NAVIGATION DEFICIENCIES

(Presented by the Secretariat)

SUMMARY

This working paper presents the deficiencies related to Aerodrome Operational Planning for review, update and remedial actions.

Action by the meeting is at paragraph 3.

REFERENCES

- MIDANPIRG/16 Report

1. INTRODUCTION

1.1 The standard definition of deficiency adopted by the ICAO Council in November 2001 is as follows:

“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.”

1.2 The list of deficiencies in the AOP field is reflected in the MID Air Navigation Deficiency Database (MANDD) at: <http://www.cairo.icao.int>.

2. DISCUSSION

2.1 MIDANPIRG/16 meeting recalled that MIDANPIRG/15 meeting, through Conclusion 15/35, 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; and agreed 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.

2.2 MIDANPIRG/16 meeting agreed to retrieve the following Conclusion related to elimination of Air Navigation Deficiencies:

CONCLUSION 15/35: AIR NAVIGATION DEFICIENCIES

That, States be urged to:

- a) 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; and*
- b) submit a Formal Letter to the ICAO MID Regional Office containing the evidence(s) that mitigation measures have been implemented for the elimination of deficiency(ies) when requesting the elimination of deficiency(ies) from the MANDD.*

2.3 The MIDANPIRG/16 meeting noted with concern that the majority of deficiencies listed in the MANDD have no specific Corrective Action Plan (CAP). MIDANPIRG/16 urged States to implement the provisions of MIDANPIRG Conclusion 15/35 related to elimination of Air Navigation Deficiencies, in particular, the submission of a specific Corrective Action Plan (CAP) for each deficiency.

2.4 The MIDANPIRG/16 meeting highlighted that in the AOP field; the total number of AOP deficiencies was 13; 12 of priority “A” and 1 of priority “B” deficiencies. The lack of implementation of aerodromes’ certification represents 70% of these deficiencies

2.5 The meeting may wish to note that some of the data included in the MANDD (in particular the “Reference”) have been reviewed and updated in accordance with the requirements set forth in the new MID eANP (VOL I, II and III last amended in 2017 and the latest Amendment to Annex 14 Vol. I).

2.6 The updating of the list of deficiencies, which is considered as a living document, is an on-going activity to reflect the identified/reported air navigation deficiencies in the MID Region. The updated list of deficiencies in the AOP field is at **Appendix A**.

2.7 Concerned States are invited to review the reported deficiencies and advise ICAO MID Regional Office of their action plans for elimination, in order to update the MID List of Air Navigation Deficiencies.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) urge States to implement the provisions of the MIDANPIRG/15 Conclusion 15/35; and
- b) review AOP deficiencies at **Appendix A** and provide updates on the status of the AOP deficiencies in particular corrective action plans using MANDD.

APPENDIX A

Deficiencies in the AOP Field

BAHRAIN

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
No Deficiencies Reported									

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

EGYPT

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	MID eANP VOL II Table AOP II-1	Alexandria Int'l Airport	Runway is short and current distance is 7221 FT with runway all up weight maximum 68000kgs	Jul, 2004	-	F O	Upgrade for RWY 04/22 is done, study is carried out with conclusion of MTOW 72000 Kg commensurate the demand aircraft fleet mix serve at the airport taking into consideration the current RWY characteristics (Length, PCN)	Egypt	Jul, 2018	A
2	ANNEX 14 VOL I: Para. 1.4	Luxor and Borg El Arab Intl. Airports	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	State submitted a letter dated 22/07/2015 stating that all primary international aerodromes will be certified by the end of November 2018.	Egypt	Nov, 2018	A

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

"H"= Human Resources

"S"= State (Military/political)

"O"= Other unknown causes

Deficiencies in the AOP Field

IRAN

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 14 VOL I: Para. 1.4	Imam Khomeini, Mehrabad, Mashhad, Yazd and Tabriz Intl. Airports , MASHHAD/Sh ahid Hashemi Nejad Intl (OIMM), SHIRAZ/Shiraz Intl (OISS), TABRIZ/Tabriz Intl (OITT), TEHRAN/Imam Khomeini Intl (OIIE), BANDAR ABBAS/Bandar Abbas Intl (OIKB)	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Corrective Action Plan has not been formally provided by the State	Iran	Dec, 2018	A

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

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Deficiencies in the AOP Field

IRAQ

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 14 VOL I: Para. 1.4	Baghdad/ Basrah/ Erbil /Sulaymaniyah/ Al Najaf Intl. Airports Al Najaf/Al Najaf Intl (ORNI), BASRAH/Basrah Intl (ORMM), MOUSL/Mousl Intl (ORBM), SULYMANIYA H/Sulaymaniyah Intl (ORSU)	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H O	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2018	A

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

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Deficiencies in the AOP Field

JORDAN

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	MID eANP VOL II Table AOP II-1	Queen Alia Airport Runway 08L/26R	Runway is not operational and closed since long time	Dec, 2014	construction handing over	F	Corrective Action Plan has not been formally provided by the State	Jordan	Dec, 2018	B
2	ANNEX 14 VOL I: Para. 1.4	Marka Intl Airport AMMAN/Marka Intl (OJAM)	Implementation of Certification of Aerodromes used for international operations	May, 2015	-	F H	Corrective Action Plan has not been formally provided by the State	Jordan	Dec, 2017	A

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

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Deficiencies in the AOP Field

KUWAIT

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

No Deficiencies Reported

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"H"= Human Resources

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Deficiencies in the AOP Field

LEBANON

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 14 VOL I: Para. 1.4	Hariri-Beirut Intl. Airport BEIRUT/ Rafic Hariri Intl (OLBA)	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Corrective Action Plan has not been formally provided by the State	Lebanon	Dec, 2018	A

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

“H”= Human Resources

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“O”= Other unknown causes

Deficiencies in the AOP Field

Libya

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 14 VOL I: Para. 1.4	Benina, Sebha, and Tripoli Intl Airports BENGHAZI/Be nina (HLLB), SEBHA/Sebha (HLLS), TRIPOLI/Tripol i Intl (HLLT)	Implementation of Certification of Aerodromes used for international operations	May, 2015	-	F H S	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2018	A

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

OMAN

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

No Deficiencies Reported

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

QATAR

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
No Deficiencies Reported									

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

“H”= Human Resources

“S”= State (Military/political)

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Deficiencies in the AOP Field

QATAR

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
No Deficiencies Reported									

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“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

Sudan

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 14 VOL I: Para. 1.4	Nyala and El Obeid Intl. Airports - Nyala/Nyala (HSNN)	Implementation of Certification of Aerodromes used for international operations	May, 2015	-	F H	Corrective Action Plan has not been formally provided by the State	Sudan	Dec, 2018	A

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

SYRIA

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	MID eANP VOL II Table AOP II-1	Damascus int'l Airport	Apron lighting inadequate	Sep, 2003	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2018	A
2	MID eANP VOL II Table AOP II-1	Damascus int'l Airport	Runway surface rough and damaged. Runway markings unsatisfactory	Sep, 2003	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2018	A
3	ANNEX 14 VOL I: Para. 1.4	Damascus, Aleppo, Bassel Al-Assad Intl. Airports ALEPPO/Aleppo Intl (OSAP), DAMASCUS/Damascus Intl (OSDI), LATTAKIA/Bassel AL-Assad Intl (OSLK)	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2018	A

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

"H"= Human Resources

"S"= State (Military/political)

"O"= Other unknown causes

Deficiencies in the AOP Field

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

No Deficiencies Reported

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

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 14 VOL I: Para. 1.4	Sana'a, Aden, Hodeidah, Mukalla, Taiz Intl. Airports ADEN/Aden Intl (OYAA), HODEIDAH/ Hodeidah Intl (OYHD), MUKALLA/Riy an Intl (OYRN), SANA'A/Sana'a Intl (OYSN), TAIZ/ Taiz Intl (OYTZ)	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2018	A

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

"H"= Human Resources

"S"= State (Military/political)

"O"= Other unknown causes

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 -

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

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“O”= Other unknown causes