

Agenda Item 8: Review of Air Navigation Deficiencies in the ATM and SAR Fields

ATM AND SAR DEFICIENCIES IN THE MID REGION

(Presented by the Secretariat)

SUMMARY
This working paper presents the deficiencies in the ATM and SAR fields for review, update and remedial actions.
Action by the meeting is at paragraph 3.
References
- MIDANPIRG/16 Report

1. INTRODUCTION

1.1 The identification, assessment and reporting of air navigation deficiencies represent a regular task of the MIDANPIRG and its subsidiary bodies.

2. **DISCUSSION**

2.1 The meeting may wish to recall that, MIDANPIRG noted with concern that the majority of the CAPs were not specifying a set of clear actions from States with specific timelines for the elimination of the deficiencies and it was agreed that the information reflected in the CAP column be deleted and urged States to use the MANDD to propose specific CAP for each deficiency.

2.2 MIDANPIRG/16 reviewed the outcome of the different MIDANPIRG subsidiary bodies related to air navigation deficiencies and reiterated the following MIDANPIRG/15 Conclusion:

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 It is to be highlighted that in the ATM field, most of the deficiencies are related to the non-implementation of planned regional ATS Routes and uncompleted signature of contingency agreements. In the SAR field, the deficiencies are related mainly to the lack of SAR provisions and non-compliance with the carriage of Emergency Locator Transmitter (ELT) requirements.

2.4 The updated lists of deficiencies in the ATM and SAR fields are at **Appendices A** and **B**, respectively.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review and update the list of deficiencies in the ATM and SAR fields; and
- b) urge States to take necessary measures to implement the provisions of the MIDANPIRG/15 Conclusion 14/35, in particular submission of a specific Corrective Action Plan (CAP) for each deficiency.

APPENDIX A

Deficiencies in the ATM Field

EGYPT

Item No	Identif	ïcation	I	Deficiencies			Co	orrective Action		
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale fo Non-elimination	for	Description	Executing Body	Date of Completion	Priority for Action
1	MID ANP Table ATM II-MID-1 MID REGION ATS ROUTE NETWORK	-	ATS routes M305/UM305 not implemented	Apr, 2013	Segment BRN- ATMUL not implemented.	S	step 1 Dated 2/2015: held meeting with ECAA , NANSC and Military to study the proposed Routes step 2 Dated 14/5/2015: send letter for approval of the proposed routes to the military side step 3 Dated 23/6/2015: Receiving rejection letter from military side for the proposed routes step 4 : Dated 25/6/2015 : notify NANSC ANSP company to study the proposed Routes step 5 Dated 4/2017: Egypt will present a working paper in the third meeting of the MIDANPIRG ATM Sub-group (ATM-SG 3) to address the subject	Egypt	Dec, 2018	В

Item No	Identifi	Identification		Deficiencies			Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
2	MID ANP Table ATM II-MID-1 MID REGION ATS ROUTE NETWORK	-	ATS routes M312/UM312 not implemented	Apr, 2013	Segment DBA- AMIBO not implemented.	S	step 1 Dated 2/2015: held meeting with ECAA , NANSC and Military to study the proposed Routes step 2 Dated 14/5/2015: send letter for approval of the proposed routes to the military side step 3 Dated 23/6/2015: Receiving rejection letter from military side for the proposed routes step 4 : Dated 25/6/2015 : notify NANSC ANSP company to study the proposed Routes step 5 Dated 4/2017: egypt will present a working paper in the third meeting of the MIDANPIRG ATM Sub-group (ATM-SG 3) to address the subject	Egypt	Dec, 2018	В	

IRAN

Item No	Identif	ïcation	I	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 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Signed with all neighboring States except Afghanistan, Azerbaijan, Kuwait and Turkmenistan	Н	Corrective Action Plan has not been formally provided by the State	Iran	Dec, 2018	А	
2	MID ANP TABLE ATM II-MID-1 MID REGION ATS ROUTE NETWORK	-	ATS routes A418/UP574 not implemented	Dec, 2006	KUMUN-PAPAR segment not implemented.	S O	Corrective Action Plan has not been formally provided by the State	Iran- UAE	Dec, 2018	В	
3	MID ANP Table ATM II-MID-1 MID REGION ATS ROUTE NETWORK	-	ATS Route G202 is restricted to certain defined airspace users	Jun, 2014 Jun, 2014	Not all Operators are authorized to fly G202	0	Corrective Action Plan has not been formally provided by the State	Iran	Dec, 2018	В	

IRAQ

Item No	Identif	ication	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 ANP Table ATM II-MID-1 MID REGION ATS ROUTE NETWORK	-	ATS route G667 not implemented	Sep, 2006	Segment ALSAN- ABD not implemented	S	Corrective Action Plan has not been formally provided by the State	Iraq- Iran- Kuwait	Dec, 2018	В	
2	Annex 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency Agreement signed only with Iran	S	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2018	А	
3	MID ANP Table ATM II-MID-1 MID REGION ATS ROUTE NETWORK	-	ATS route G795 not implemented	May, 2008	RAF-BSR segment not implemented	S	Corrective Action Plan has not been formally provided by the State	Iraq- Saudi Arabia	Dec, 2018	В	

Item No	Identification		Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description	Date First Reported			Description	Executing Body	Date of Completion	Priority for Action	
4	MID ANP Table ATM II-MID-1 MID REGION ATS ROUTE NETWORK	-	ATS route A424 not implemented	May, 2008	LOTAN-LOVEK segment not implemented	0	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2018	В	
5	MID ANP Table ATM II-MID-1 MID REGION ATS ROUTE NETWORK	ATS route	ATS Route G669 not implemented	May, 2008	segment RAF - SOLAT not implemented	S	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2018	В	

JORDAN

Item No	Identification		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 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency agreements not signed with Iraq, Israel and Syria.	Н	Corrective Action Plan has not been formally provided by the State. State comment: due to political impact in the region Jordan is not able to complete the signature of contingency agreements with all adjacent States	Jordan	Dec, 2018	А	

KUWAIT

Item No	Identification		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 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency Plans with Iraq and Iran are still to be signed.	S	Corrective Action Plan has not been formally provided by the State	Kuwait	Dec, 2018	А	

LEBANON

Item No	Identification		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 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency agreements not signed with Cyprus and Syria	S	Corrective Action Plan has not been formally provided by the State	Lebanon	Dec, 2018	A	

Libya

Item No	Identif	ication	I	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 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs	Dec, 2014	Agreement signed only with Egypt	S O	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2018	А	
2	Annex 11 Para 3.3.5.1	-	Not reporting the required data to the MIDRMA in a timely manner.	Dec, 2013	-	H O	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2018	А	

OMAN

Item No	Identif	ication	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 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency Agreements to be signed with India and Pakistan .	S	Corrective Action Plan has not been formally provided by the State	Oman	Dec, 2018	A	

QATAR

Item No	Identif	ïcation	I	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 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency agreements not signed with Saudi Arabia.	S	Corrective Action Plan has not been formally provided by the State	Qatar-Bahrain	Dec, 2018	А

SAUDI ARABIA

Item No	Identif	ïcation	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 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency Agreements not signed with Eritrea, Iraq, Qatar, Sudan and Yemen.	S	Corrective Action Plan has not been formally provided by the State	Saudi Arabia	Dec, 2018	A		

Sudan

Item No	Identif	ication	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 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Dec, 2014	Contingency Agreement signed only with Egypt	H S O	Corrective Action Plan has not been formally provided by the State	Sudan	Dec, 2018	A	

SYRIA

Item No	Identif	ication	Γ	Deficiencies			Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
1	MID ANP Table ATM II-MID-1 MID REGION ATS ROUTE NETWORK	-	ATS route G202 not implemented	Dec, 1997	Segment DAKWE - Damascus not implemented	S	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2018	В	
2	MID ANP Table ATM II-MID-1 MID REGION ATS ROUTE NETWORK	-	ATS route UL602 not implemented	Dec, 2003	Segments ELEXI- DRZ-GAZ not implemented.	S	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2018	В	
3	Annex 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	No signed agreement yet	H O	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2018	A	

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

Item No	Identif	ication	Γ	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 11 Para 3.3.5.1	-	Reporting unsatisfactory LHDs to MIDRMA	Oct, 2013	Syria to coordinate with MIDRMA.	Н	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2018	А

UAE

Item No	Identif	ication	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 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Plan completed and Agreements signed with Bahrain, Iran, Oman and Saudi Arabia. The plan next is to sign with Qatar after the finalisation of the LoA.	0	Corrective Action Plan has not been formally provided by the State	UAE	Dec, 2018	A	
2	MID ANP Table ATM II-MID-1 MID REGION ATS ROUTE NETWORK	-	ATS routes A418/UP574 not implemented	Dec, 2006	KUMUN-PAPAR segment not implemented.	S	Corrective Action Plan has not been formally provided by the State	Iran- UAE	Dec, 2018	В	

YEMEN

Item No	Identif	fication	I	Deficiencies				Corrective Action					
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination	for	Description	Executing Body	Date of Completion	Priority for Action			
1	Annex 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs	Nov, 2006	Contingency Agreement signed only with Oman.	H O	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2018	А			
2	Annex 11 Para 3.3.5.1	-	Granting RVSM approvals for aircraft without known hight- keeping monitoring results	Dec, 2012	-	H O	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2018	А			
3	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory LHDs to MIDRMA	Oct, 2013	Yemen to coordinate with MIDRMA.	Н	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2018	А			

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.

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

APPENDIX B

Deficiencies in the SAR Field

IRAQ

Item No	Identif	ication	Ι	Deficiencies			Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination	for	Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	0	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2018	А	
2	Annex 6 Part I, Chap.6 and Part II Chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	0	Corrective Action Plan has not been formally provided by the State	Iraq	Dec, 2018	A	

KUWAIT

Item No	Identif	fication	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 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	0	Corrective Action Plan has not been formally provided by the State	Kuwait	Dec, 2018	А

LEBANON

Item No	Identif	fication	D	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 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	0	Corrective Action Plan has not been formally provided by the State	Lebanon	Dec, 2018	А	

Libya

Item No	Identif	ication	I	Deficiencies			Corrective 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 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	-	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Dec, 2014	5	H S O	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2018	А	
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Dec, 2014	5	H S O	Corrective Action Plan has not been formally provided by the State	Libya	Dec, 2018	А	

QATAR

Item No	Identi	fication	I	Deficiencies			Corrective 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 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	0	Corrective Action Plan has not been formally provided by the State	Qatar	Dec, 2018	А	
2	Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	Ο	Corrective Action Plan has not been formally provided by the State	Qatar	Dec, 2018	А	

SYRIA

Item No	Identif	fication	I	Deficiencies			Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale fo Non-elimination	òr	Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	0	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2018	А	
2	Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	-	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	0	Corrective Action Plan has not been formally provided by the State	Syria	Dec, 2018	А	

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 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	0	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2018	А
2	Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	-	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	0	Corrective Action Plan has not been formally provided by the State	Yemen	Dec, 2018	А

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.

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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:

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- END -

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