



International Civil Aviation Organization

MIDANPIRG ATM Sub-Group

First Meeting (ATM SG/1)
(Cairo, Egypt, 9 - 12 June 2014)

Agenda Item 5: 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. The meeting is also expected to review and discuss the methodology used for the prioritization of the air navigation deficiencies related to ATM and SAR and the need to reduce to the extent possible the interference between the air navigation deficiencies and USOAP-CMA findings related to ATM and SAR.

Action by the meeting is at paragraph 3.

REFERENCES

- MIDANPIRG/14 Report
- SL Ref. AN 2/2 - 14/109 dated 17 April 2014

1. INTRODUCTION

1.1 In accordance with its terms of reference the ATM Sub-Group is expected to review and update the list of air navigation deficiencies related to ATM and SAR fields.

2. DISCUSSION

2.1 MIDANPIRG/14 re-iterated that the identification and reporting of Air Navigation Deficiencies by User-Organizations contribute significantly to the enhancement of air navigation safety in the MID Region. Nevertheless, the meeting noted with concern that the use of the MID Air Navigation Deficiency Database (MANDD) is far below expectations. Accordingly, the meeting urged States and authorized Users to use the MANDD for the submission of requests for addition, update, and elimination of Air Navigation Deficiencies.

2.2 In addition, MIDANPIRG/14 recognized the need for a formal procedure to be used for the elimination of deficiencies from the MANDD. Accordingly, it was agreed that a deficiency would be eliminated only when a State submit a formal Letter to the ICAO MID Regional Office containing the evidence(s) that mitigation measures have been implemented for the elimination of this deficiency. Accordingly, the meeting agreed to the following Conclusion to replace and supersede MIDANPIRG/13 Conclusion 13/63:

CONCLUSION 14/32: ELIMINATION OF AIR NAVIGATION DEFICIENCIES IN THE MID REGION

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; 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 In connection with the above, ICAO MID Office issued State Letter Ref. AN 2/2 - 14/109 dated 17 April 2014 requesting States to take all necessary measures to implement the provisions of the above Conclusion and send their feedback on the actions taken to the ICAO MID Regional Office, not later than 15 May 2014.

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

2.5 MIDANPIRG/14 also recognized the need to review the methodology used for the prioritization of the air navigation deficiencies emphasizing that the deficiencies priority “U” have a **direct** impact on safety and require **immediate** corrective measures.

2.6 The meeting may wish to recall that, Deficiency has been defined as “*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.*”

2.7 Moreover, it is to be noted that the priority for action to remedy a deficiency is currently 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.

2.8 The tables below present a summary of the reported air navigation deficiencies related to ATM and SAR fields in the MID Region, grouped according to their priorities:

Table. 1 - ATM

<i>Priority</i>	<i>Deficiency</i>	<i>States reported</i>	<i>No.</i>
U	Granting RVSM approvals for aircraft without known height-keeping monitoring results	Lebanon and Yemen	2
A	Contingency Planning	Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, UAE and Yemen	11
	Reporting of Unsatisfactory LHDs to the MIDRMA	Egypt, Iran, Kuwait, Lebanon, Oman, Saudi Arabia, Syria and Yemen	8
B	ATS Routes	Egypt, Iran, Iraq, Syria and UAE	10

Table. 2 - SAR

<i>Priority</i>	<i>Deficiency</i>	<i>States reported</i>	<i>No.</i>
U	No deficiencies have been reported		0
A	Lack of Search and Rescue Agreements with neighbouring States	Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, UAE and Yemen	13
	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Bahrain, Egypt, Iran, Iraq, Kuwait, Lebanon, Qatar, Saudi Arabia, Syria and Yemen	10
	Lack of provision of required SAR services	Iran, Iraq, Lebanon, Qatar, Syria and Yemen	6
	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Iraq, Kuwait, Qatar, Syria and Yemen	5
B	No deficiencies have been reported		0

2.9 The meeting may wish to note that MIDANPIRG/14 agreed that the deficiencies related to the Safety Management System (SMS) implementation in the fields of AGA and ATM be removed from the MANDD, since they are addressed under the framework of the Middle East Regional Aviation Safety Group (RASG-MID) and USOAP-CMA. In this respect, the meeting underlined the need to reduce to the extent possible the interference between the air navigation deficiencies and USOAP-CMA findings.

2.10 It is to be highlighted that the main interference between MANDD and USAOP-CMA findings is related to the following ICAO provisions:

- a) ATM Contingency planning (Annex 11 para. 2.30 and Attachment C); and
- b) SAR deficiencies (Annex 12 and IAMSAR Manual (Doc 9731)).

2.11 In accordance with the outcome of MIDANPIRG/14 meeting the ATM Sub-Group is expected to review and incorporate ATM and SAR deficiencies related to Libya and Sudan and present them to MIDANPIRG for approval.

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;
- b) review and discuss the methodology used for the prioritization of the air navigation deficiencies related to ATM and SAR;
- c) review and discuss the need to reduce to the extent possible the interference between the air navigation deficiencies and USOAP-CMA findings related to ATM and SAR; and
- d) urge States to take necessary follow-up actions to implement MIDANPIRG/14 Conclusion 14/32.

APPENDIX A

Deficiencies in the ATM 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	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs to MIDRMA	Oct, 2013	Egypt to coordinate with MIDRMA.	H	Egypt to report satisfactory CFRs and LHDs.	Egypt	Dec, 2014	A
2	MID ANP Table ATS 1-ATS routes	-	ATS routes M305/UM305 not implemented	Apr, 2013	Segment BRN-ATMUL not implemented.	S	Egypt to continue the coordination with the relevant authorities.	Egypt	Dec, 2014	B
3	MID ANP Table ATS 1-ATS routes	-	ATS routes M312/UM312 not implemented	Apr, 2013	Segment DBA-AMIBO not implemented.	S	Egypt to continue the coordination with its relevant authorities for the implementation of this route.	Egypt	Dec, 2014	B

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

"H"= Human Resources

"S"= State (Military/political)

"O"= Other unknown causes

Deficiencies in the ATM 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 11 Para. 2.30	-	Development of contingency plans for implementation in the event of disruption of ATS and related supporting services.	Nov, 2006	Ongoing, signed with all neighboring States except Syria.	H	Iran to sign with Syria and to send all the signed contingency agreements to the ICAO MID Regional Office.	Iran	Dec, 2014	A
2	MID ANP Table ATS-1 Plan of ATS routes	-	ATS routes A418/UP574 not implemented KUMUN – PAPAR	Dec, 2006	KUMUN-PAPAR segment not implemented.	S O	States to continue negotiations with one another. Iran has no plan to implement the route segment.	Iran- UAE	Dec, 2014	B
3	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs to the MIDRMA	Oct, 2013	Iran to coordinate with the MIDRMA.	H	Iran to report satisfactory CFRs and LHDs.	Iran	Dec, 2014	A

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

“H”= Human Resources

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“O”= Other unknown causes

Deficiencies in the ATM 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	MID ANP Table ATS-1 Plan of ATS Routes	-	ATS route G667 not implemented	Sep, 2006	Iraq has no objection to implement the Route segment ALSAN-ABD. Kuwait has no objection.	S	Iraq to implement and publish the route segment ABD-ALSAN (G677).	Iraq- Iran- Kuwait	Jun, 2014	B
2	Annex 11 Para. 2.30	-	Development of contingency plan	Nov, 2006	Contingency Agreement not signed with Syria.	S	Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services. Iraq to sign the agreement with Syria and to send the signed agreements with other States to the ICAO MID Regional Office.	Iraq- ICAO	Dec, 2014	A
3	MID ANP Table ATS-1 Plan of ATS routes	-	ATS route G795 Rafha- Basrah segment not implemented	May, 2008	Coordination between Iraq and Saudi Arabia.	S	States to negotiate coordination issues between the two FIRs, update LoA and coordinate opening of the route.	Iraq- Saudi Arabia	Dec, 2014	B

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

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
4	MID ANP Table ATS-1 Plan of ATS routes	-	ATS route A424 LOTAN- LOVEK segment (Baghdad FIR) not implemented	May, 2008	Communication problems between concerned FIRs.	O	Saudi Arabia has no objection to extend the route into Baghdad FIR. Iraq will implement the route or it may be replaced by the ATS route from RAF to ELODI.	Iraq	Dec, 2014	B
5	MID ANP Table ATS-1 Plan of ATS routes	ATS route	ATS Route G669 segment Rafha SOLAT not implemented	May, 2008	Airspace restrictions.	S	Airspace restrictions to be addressed. To check the need for the ATS route segment,taking into consideration the traffic flows and the exiting alternatives.	Iraq	Dec, 2014	B

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Deficiencies in the ATM 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	Annex 11 Para. 2.30	-	Development of contingency plan	Nov, 2006	Contingency agreements not signed with Iraq, Israel and Syria.	H	Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services. Jordan to sign Contingency Agreements with Israel, Iraq and Syria.	Jordan	Dec, 2014	A

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the ATM 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
1	Annex 11 Para. 2.30	-	Development of contingency plan	Nov, 2006	Contingency Plan was signed with Bahrain and Saudi Arabia. Contingency Plans with Iraq and Iran are still to be signed.	S	Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services. Kuwait to sign the Contingency Agreements with Iran and Iraq.	Kuwait	Dec, 2014	A
2	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs to MIDRMA.	Oct, 2013	Kuwait to coordinate with MIDRMA.	H	Kuwait to report satisfactory CFRs and LHDs.	Kuwait	Dec, 2014	A

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the ATM 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 11 Para. 2.30	-	Development of contingency plan	Nov, 2006	A plan has been developed and will be forwarded to the MID Regional Office.	S	Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services.	Lebanon-ICAO	Dec, 2014	A
2	Annex 11 Para 3.3.5.1	-	Granting RVSM approvals for aircraft without known hight-keeping monitoring results	Dec, 2012	-	O	-	Lebanon-DGCA	Jun, 2014	U
3	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs	Oct, 2013	Lebanon to coordinate with MIDRMA.	H	Lebanon to report satisfactory CFRs and LHDs.	Lebanon	Dec, 2014	A

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

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Deficiencies in the ATM 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
1	Annex 11 Para. 2.30	-	Development of contingency plans	Nov, 2006	Contingency Agreements signed with Bahrain,Iran,UAE and Yemen. Agreement to be signed with Pakistan and India.	S	Need to develop and promulgate contingency plans for implementation in the event of disruption of ATS and related supporting services. Oman to sign Contingency Agreement with India and Pakistan	Oman	Dec, 2014	A
2	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs	Oct, 2013	Oman to coordinate with MIDRMA.	H	Reporting Unsatisfactory CFRs and LHDs.	Oman	Dec, 2014	A

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

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“O”= Other unknown causes

Deficiencies in the ATM 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
1	Annex 11 Para. 2.30	-	Development of contingency plan for implementation in the event of disruption of ATS and related supporting services.	Nov, 2006	Agreement signed with Bahrain; agreements not signed with Saudi Arabia and UAE.	S	Qatar to sign the contingency agreements with Saudi Arabia and UAE and send them to the ICO MID Regional Office.	Qatar - Bahrain ICAO Qatar- Bahrain	Dec, 2014	A

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

"H"= Human Resources

"S"= State (Military/political)

"O"= Other unknown causes

Deficiencies in the ATM Field

SAUDI ARABIA

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 11 Para. 2.30	-	Development of contingency plan	Nov, 2006	A draft contingency plan not fully compliant with the agreed template has been developed. Further work being done in coordination with adjacent States. Signed with Bahrain, Jordan, Kuwait and Egypt.	S	Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services. Saudi Arabia to sign Contingency Agreements with Eritrea, Iraq, Sudan and Yemen.	Saudi Arabia	Dec, 2014	A
2	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs	Oct, 2013	Saudi Arabia to coordinate with MIDRMA.	H	Reporting Unsatisfactory CFRs and LHDs.	Saudi Arabia	Dec, 2014	A

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“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the ATM 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 ANP Table ATS-1 Plan of ATS routes	-	ATS route G202 not implemented	Dec, 1997	Not implemented DAKWE - Damascus. Economic impact- alternative routes available but longer- not affecting safety.	S	Syria has no plan to implement the route.	Syria	Dec, 2014	B
2	MID ANP Table ATS-1 Plan of ATS routes	-	ATS route UL602 not implemented in Damascus FIR	Dec, 2003	Segments ELEXI-DRZ-GAZ not implemented.	S	Syria to implement ELEXI-DRZ and to coordinate with Turkey for the implementation of DRZ-GAZ.	Syria	Dec, 2014	B
3	Annex 11 Para. 2.30	-	Development of contingency plans	Nov, 2006	Draft available.	H O	Need to develop and promulgate contingency plans for implementation in the event of disruption of ATS and related supporting services.	Syria	Dec, 2014	A
4	Annex 11 Para 3.3.5.1	-	Reporting unsatisfactory CFRs and LHDs to MIDRMA	Oct, 2013	Syria to coordinate with MIDRMA.	H	Reporting unsatisfactory CFRs and LHDs to MIDRMA.	Syria	Dec, 2014	A

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"O"= Other unknown causes

Deficiencies in the ATM 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
1	Annex 11 Para. 2.30	-	Development of contingency plan	Nov, 2006	<p>Plan completed and Agreements signed with Bahrain and Oman. Others pending.</p> <p>Plan completed and Agreements signed with Bahrain and Oman. The plan next is to sign with Saudi Arabia and Qatar after the finalisation of the LoA. Communications are in place for the same to sign with Iran.</p>	O	<p>Need to develop and promulgate contingency plans for implementation in the event of disruption of ATS and related supporting services signed with Oman, pending signature with Bahrain, Iran and Qatar.</p> <p>Need to develop and promulgate contingency plans for implementation in the event of disruption of ATS and related supporting services signed with Oman and Bahrain, pending signature with Iran and Qatar and Saudi Arabia.</p>	UAE	<p>Dec, 2014</p> <p>Jun, 2015</p>	A
2	MID ANP Table ATS-1 Plan of ATS routes	-	ATS routes A418/UP574 not implemented KUMUN – PAPAN	Dec, 2006	KUMUN-PAPAN segment not implemented.	S	<p>States to continue negotiations with one another.</p> <p>The UAE considers options for a resolution to be exhausted</p>	Iran- UAE	<p>Dec, 2014</p> <p>Jun, 2015</p>	B

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“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the ATM 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 11 Para. 2.30	-	Development of contingency plan	Nov, 2006	Ongoing - signed with Oman.	H O	Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services with all neighboring States.	Yemen	Dec, 2014	A
2	Annex 11 Para 3.3.5.1	-	Granting RVSM approvals for aircraft without known hight-keeping monitoring results	Dec, 2012	-	O	-	Yemen	Jun, 2014	U
3	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs to MIDRMA	Oct, 2013	Yemen to coordinate with MIDRMA.	H	Reporting Unsatisfactory CFRs and LHDs.	Yemen	Dec, 2014	A

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APPENDIX B

Deficiencies in the SAR 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
1	Annex 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighbouring States	Nov, 1994	-	S	Bahrain is ready and willing to sign the SAR agreements with all its neighboring States, a draft copy already sent to the concerned States.	Bahrain	Jun, 2014	A
2	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	Communication exercise done on January 2013. Full scale exercise done in 2012 and reschedule for 2014. Coordination exercise planned for 2014.	Bahrain	Dec, 2014	A

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

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“O”= Other unknown causes

Deficiencies in the SAR 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	Annex 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Egypt has promulgated regulations and started development of SAR agreement with Cyprus and other States	Egypt with neighboring States	Dec, 2014	A
2	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Egypt	Dec, 2014	A

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“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the SAR 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 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements	Iran with neighboring States	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	-	Iran	Dec, 2014	A
3	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Iran	Dec, 2014	A

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“O”= Other unknown causes

Deficiencies in the SAR 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 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements. Signed with Jordan	Iraq with neighboring States	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	-	Iraq	Dec, 2014	A
3	Annex 6 Vol I, para. 6.17 Annex 10, Vol III, para. 5.1 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	O	-	Iraq	Dec, 2014	A
4	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Iraq	Dec, 2014	A

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Deficiencies in the SAR 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	Annex 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements. Signed with Iraq	Jordan	Dec, 2014	A

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Deficiencies in the SAR 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
1	Annex 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements	Kuwait with neighboring States	Dec, 2014	A
2	Annex 6 Vol I, para. 6.17 Annex 10, Vol III, para. 5.1 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	O	-	Kuwait	Dec, 2014	A
3	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Kuwait	Dec, 2014	A

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

“H”= Human Resources

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“O”= Other unknown causes

Deficiencies in the SAR 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 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements. Agreement signed with Cyprus.	Lebanon with neighboring States	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	-	Lebanon	Dec, 2014	A
3	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Lebanon	Dec, 2014	A

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“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the SAR 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
1	Annex 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Agreement signed with Saudi Arabia. Work ongoing to sign the remaining agreements	Oman with neighboring States	Dec, 2014	A

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the SAR 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
1	Annex 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	-	Qatar and Bahrain	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	-	Qatar	Dec, 2014	A
3	Annex 6 Vol I, para. 6.17 Annex 10, Vol III, para. 5.1 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	O	-	Qatar	Dec, 2014	A
4	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Qatar	Dec, 2014	A

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

"H"= Human Resources

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"O"= Other unknown causes

Deficiencies in the SAR Field

SAUDI ARABIA

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.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	SAR National Board established. Agreement signed with Oman. Work ongoing to sign the remaining agreements.	Saudi Arabia with neighboring States	Dec, 2014	A
2	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Saudi Arabia	Dec, 2014	A

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the SAR 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	Annex 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements. Agreement with Turkey and Cyprus completed. Agreement with Iraq, Jordan and Lebanon pending	Syria with neighboring States	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	-	Syria	Jan, 2015	A
3	Annex 6 Vol I, para. 6.17 Annex 10, Vol III, para. 5.1 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	O	-	Syria	Jan, 2015	A
4	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Syria	Jan, 2015	A

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“H”= Human Resources

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“O”= Other unknown causes

Deficiencies in the SAR 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
1	Annex 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	<p>Work ongoing. The agreement with Bahrain and Oman to be updated and the one with Iran is being coordinated.</p> <p>UAE developed a draft agreement and efforts are in place to sign with Bahrain and Oman in the near future. negotiations will take place with Saudi Arabia and Qatar through the next GCC meeting for the same.</p>	UAE with neighboring States	Dec, 2014 Jun, 2015	A

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

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the SAR 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 12 Para.. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	-	Yemen with neighboring States	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	-	Yemen	Dec, 2014	A
3	Annex 6 Vol I, para. 6.17 Annex 10, Vol III, para. 5.1 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	O	-	Yemen	Dec, 2014	A
4	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Yemen	Dec, 2014	A

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

“H”= Human Resources

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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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