

#### INTERNATIONAL CIVIL AVIATION ORGANIZATION

## REPORT OF THE SECOND MIDDLE EAST REGIONAL MONITORING AGENCY BOARD

MID RMA Board/2

(Bahrain, 27-28 February 2006)

The views expressed in this Report should be taken as those of the Middle East Regional Monitoring Agency Board (MID RMA Board) and not of the Organization. MIDANPIRG will be informed of the outcome of this Report and any formal action taken will be included in the Report of the MIDANPIRG.

Approved by the Meeting and published by authority of the Secretary General

The designations employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of ICAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontier or boundaries.

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#### MID RMA Board/2 History of the Meeting

#### PART I - HISTORY OF THE MEETING

#### 1. PLACE AND DURATION

1.1 The Second Meeting of the Middle East Regional Monitoring Agency Board (MID RMA Board/2) was held at The Diplomat Hotel, Bahrain 27–28 February 2006.

#### 2. OPENING

- 2.1 The meeting was opened by Mr. Mohamed R. M. Khonji, Regional Director ICAO Middle East Office, who welcomed all participants and thanked Bahrain for hosting both the MID RMA and the meeting. He also thanked all participants for their support in attending the meeting. Mr. Khonji recalled briefly the RVSM implementation process in the MID Region and appreciated that UAE provided full support both technically and financially for the safe implementation of RVSM in the Region effective 27 November 2003. He also briefly indicated the outcome of MIDANPIRG/9, the MID RMA/1 and MID RMA Board/1 meetings related to the re-establishment of the MID RMA and highlighted that without the efforts deployed by Bahrain and the good cooperation of the MID RMA Participating States, the Region could have not met the target date of 24 November 2005.
- 2.2 Mr. Khonji thanked Eurocontrol, FAA and IATA for their presence and wished the meeting every success in its deliberations.

#### 3. ATTENDANCE

3.1 The meeting was attended by a total of twenty seven (27) participants from eight (8) States (Bahrain, Egypt, Jordan, Kuwait, Lebanon, Oman, Saudi Arabia and United States) and two (2) International Organization (Eurocontrol and IATA). The list of participants is at **Attachment A**.

#### 4. LANGUAGE

4.1 The discussions were conducted in English. Documentation was issued in English.

#### 5. OFFICERS AND SECRETARIAT

- 5.1 Mr. Mohamed Zainal, Head of Standards, Licensing and Developments, from Bahrain Civil Aviation Affairs acted as the Chairman of the meeting.
- 5.2 Mr. M. Smaoui RO/AIS/MET was the Secretary of the meeting supported by Mr. M. Khonji, Regional Director.

#### 6. AGENDA

6.1 The following Agenda was adopted:

Agenda Item 1: Adoption of the provisional agenda

Agenda Item 2: Review and follow-up of MID RMA Board/1 meeting Conclusions and Decisions

#### MID RMA Board/2 History of the Meeting

Agenda Item 3: Progress report on the MID RMA project

- logistic issues;
- visit of the MID RMA premises;
- outstanding issues pertaining to the MID RMA project (legal documents, coordination with ICAO Technical Cooperation Bureau (TCB), payment of contributions, etc);
- ceremony of signature of the MOU/LOA; and
- review and update of the Action Plan/Timelines.

Agenda Item 4: Technical issues related to RVSM post-implementation in the MID Region

- data necessary to carry out height monitoring and safety assessment activities;
- Method to be used for safety assessment; and
- coordination between the MID RMA staff, Eurocontrol and MID States

Agenda Item 5: Review and update of the Action Plan/Timelines

Agenda Item 6: Future Work Programme

Agenda Item 7: Any other business

#### 7. CONCLUSIONS AND DECISIONS - DEFINITION

- 7.1 The MIDANPIRG records its actions in the form of Conclusions and Decisions with the following significance:
  - a) Conclusions deal with matters that, according to the Group's terms of reference, merit directly the attention of States, or on which further action will be initiated by the Secretary in accordance with established procedures; and
  - b) **Decisions** relate solely to matters dealing with the internal working arrangements of the Group and its Sub-Groups.

#### 8. LIST OF CONCLUSIONS AND DECISIONS

CONCLUSION 2/1: FUNDING MECHANISM OF THE MID RMA

CONCLUSION 2/2: MID RMA PROJECT

DECISION 2/3: DELEGATION OF AUTHORITY TO THE MID RMA BOARD CHAIRMAN

CONCLUSION 2/4: MEMBERSHIP OF THE MID RMA

CONCLUSION 2/5: SAFETY ASSESSMENT ACTIVITY

CONCLUSION 2/6: MID RMA PROJECT ACTION PLAN/TIMELINES

#### **PART II: REPORT ON AGENDA ITEMS**

#### REPORT ON AGENDA ITEM 1: ADOPTION OF THE PROVISIONAL AGENDA

1.1 The meeting reviewed and adopted the Provisional Agenda as at Para 6 of the History of the Meeting.

## REPORT ON AGENDA ITEM 2: REVIEW AND FOLLOW-UP OF MID RMA BOARD/1 MEETING CONCLUSIONS AND DECISIONS

- 2.1 Under this agenda item, the meeting noted that the First Meeting of the Middle East Regional Monitoring Agency Board (MID RMA Board/1) held in Cairo, 5 6 September 2005, developed seven (7) Conclusions and one (1) Decision related to the establishment, funding and management of the MID RMA.
- 2.2 The meeting was also presented with a summary of the follow up actions taken by the secretariat and other parties concerned with regard to the MID RMA Board/1 Conclusions and Decisions attached at **Appendix 2A** to the report on Agenda Item 2.

#### MID RMA Board/2 Appendix 2A to the Report on Agenda Item 2

#### FOLLOW-UP ACTION ON MID RMA BOARD/1 CONCLUSIONS AND DECISIONS

	CONCLUSIONS AND DECISIONS	FOLLOW-UP	REMARKS
Conclusio	1/1: Hosting of the MID RMA		
That, Bahrai	hosts the MID RMA.	Actioned	
Conclusio	11/2: Initial set up and Administrative Management of the MID RMA		
That,		Actioned	
a)	Bahrain pays for the initial set up of the MID RMA without waiting for MID States contributions and the cost is recovered through the agreed funding mechanism, in coordination with the ICAO Technical Cooperation Bureau; and	Ongoing	
b)	Bahrain is responsible for the administrative management of the MID RMA.		
Conclusio	1/3: FUNDING MECHANISM OF THE MID RMA		
That,			
a)	the activities of the MID RMA be ensured through contributions from all MID RMA Member States, which could be recovered in accordance with ICAO Policies on charges for Airports and Air Navigation Services (Doc 9082), in coordination with IATA;	Ongoing	Superseded and replaced by Draft Conclusion 2/1.
b)	the amount of US\$ three hundred thousand (300 000) represents a good estimation of the total cost of the setting up and operation of the MID RMA for the first year;		
c)	the contribution of States for the first year, be paid on equal basis, as a lump sum based on the estimation here-above and the number of MID RMA Member States;		

		CONCLUSIONS AND DECISIONS	FOLLOW-UP	REMARKS
	d)	TCB will be responsible for the collection of States' contributions and accounting activity with Bahrain;		
	e)	the contribution for the first year be paid before end of December 2005; and		
	f)	for the coming years:		
	i)	the amount of contribution for each Member State will be revised once every year by the MID RMA Board in coordination with TCB; and		
	ii)	in case the contributions for one year exceeded the yearly cost for the operation and management of the MID RMA, the difference be deducted from the contributions of the next year.		
Conci	LUSIOI	N 1/4: MEMBERSHIP OF THE MID RMA		
That,				Superseded and replaced
	a)	Bahrain, Egypt, Iran, Jordan, Lebanon, Oman, Saudi Arabia and Syria committed themselves to participate in the MID RMA project; and	Actioned	by Draft Conclusion 2/4.
	b)	Kuwait and Yemen agreed in principle to integrate into the MID RMA project and an official commitment is to be received before 15 September 2005.		
DECIS	ION 1/	5: ESTABLISHMENT OF THE MID RMA BOARD		
<b>DECISI</b> That,	ION 1/:	5: ESTABLISHMENT OF THE MID RMA BOARD		

		CONCLUSIONS AND DECISIONS	FOLLOW-UP	REMARKS
	b)	the MID RMA Board is to be composed of a focal point nominated by each Member State.		
CONCL	.USIOI	N 1/6: MID RMA LETTER OF AGREEMENT		
That,	a) b) c)	ICAO TCB prepares the appropriate updated project documents (LOA and its annexes) for the MID RMA project, taking into consideration the outcome of MID RMA Board/1 meeting; the updated documents be sent to the MID RMA Board members for comment as soon as possible; and the final version of the documents be sent to States for signature before 30 September 2005.	Ongoing	Superseded and replaced by Draft Conclusion 2/2 and Draft Decision 2/3.
providir	ne MIE ng the	N 1/7: SUPPORT FROM EUROCONTROL AND FAA  O Region makes use of the support to be provided by both EUROCONTROL and FAA in necessary training, data, software, and documentation and make available expertise in the setting up of the MID RMA and also in the provision of long term support.	Actioned Ongoing	Eurocontrol has initiated their support by providing the necessary data, training and assistance.

CONCLUSIONS AND DECISIONS	FOLLOW-UP	REMARKS
CONCLUSION 1/8: ACTION PLAN FOR THE RE-ESTABLISHMENT OF THE MID RMA		
That, further to MIDANPIRG/9 Conclusion 9/13, the Action Plan for the re-establishment of the MID RMA, its duties and responsibilities and the guiding principles be updated as at <b>Appendices 7A, 7B and 7C</b> to the report on agenda item 7, respectively.	Actioned Ongoing	Superseded and replaced by Draft Conclusion 2/6.

#### REPORT ON AGENDA ITEM 3: PROGRESS REPORT ON THE MID RMA PROJECT

- 3.1 Under this agenda item, the meeting recalled that during the MIDANPIRG/9 meeting Cairo, 11-15 April 2005, the idea of re-establishment of the MID RMA through a TCB project was raised as an option to be considered by the meeting.
- 3.2 In follow-up to the MIDANPIR/9 meeting, the ICAO MID Regional Office approached ICAO Technical Co-operation Bureau, who expressed its support and agreement in principle to implement the MID RMA Project as a TCB Project.
- 3.3 Based on the above, the MID RMA/1 meeting Cairo, 14-15 June 2005, agreed that the MID RMA is to be located at the ICAO MID Regional Office without adding any financial obligations on the shoulders of the MID Regional Office and, that equipage and other provisions for the functioning of the MID RMA is to be set-up by the contributions from MID States through a TCB Project.
- 3.4 The MID RMA Board/1 meeting Cairo, 5-6 September 2005, noted with appreciation the offer made by Bahrain to establish and host the MID RMA, providing the required resources and ensuring the administrative management (provision and management of Staff). Bahrain also offered to pay for the set up of the MID RMA without waiting for MID States' contributions, given that Bahrain recover the cost through the agreed funding mechanism, in coordination with the ICAO Technical Cooperation Bureau. The meeting recognized that the proposal made by Bahrain would expedite the process and save the time required to set up the MID RMA with a view to meet the target date of 24 November 2005 specified in Annex 11.
- Based on the outcome of the MID RMA/1 and MID RMA Board/1 meetings and after a long process of coordination between the MID Regional Office and ICAO HQ to accommodate all the Decisions of the MID RMA Board/1 meeting and resolve the legal issues, it was strongly suggested to clarify the legal status of the MID RMA and to establish a constitutional document (Memorandum Of Agreement "MOA") to be signed by all participating States. Upon signature of the MOA, ICAO would be able to establish a Custodian Agreement with the representative/entity authorized by the MID RMA Board to deal with ICAO in compliance with ICAO's Financial Regulations and Rules, Accordingly, a two-step approach was suggested to reconcile the issue related to the re-establishment of MID RMA; firstly the participating States would agree among themselves through the MOA on such issues as the structure, operation, and budget of the MID RMA; and secondly, upon the signature of the MOA, ICAO will propose a Custodian Agreement which will be tripartite in nature (between Bahrain, the MID RMA Board and ICAO) and would describe exactly the support functions of ICAO in the MID RMA (invoicing the MID RMA States according to the apportionment provided by the MID RMA Board, collection of States' contributions, recording States' contributions in the MID RMA fund and tracking accrued interest, reporting on funds received and balance of funds to the MID RMA Board via a quarterly statement, reimbursing Bahrain on the basis of a certified request for payment by the MID RMA Board, etc).
- Accordingly, the final version of the MOA at **Appendix 3A** to the report on Agenda Item 3, which was sent to the MID RMA Member States for signature on 15 February 2006 (ICAO MID Regional Office State Letter Ref.: AN 6/5.10.15A 042, refers), was reviewed by the meeting and the original copy signed by the seven (7) States attending the meeting. The meeting agreed that ICAO MID Regional Office is to follow up with the remaining States for the signature of the MOA. It is to be noted in this regard that, in addition to the seven States who have already signed the original copy of the MOA, Yemen has already signed the MOA and returned it back by Fax to the ICAO MID Regional Office.

- 3.7 The meeting also reviewed the main points of negotiation for a Custodian Agreement between ICAO, the MID RMA Board and Bahrain. A number of delegates expressed concern regarding the 10% of the funds collected to be paid for ICAO as administration fees. It was clarified in this regard that ICAO will be bound by its Financial Regulations and Rules in all matters under this agreement.
- 3.8 The meeting noted that ICAO will have no responsibility to certify that the funds spent by Bahrain are for the purpose for which they were intended and that subject to availability of funds, ICAO will reimburse Bahrain on the basis of a certified request for payment by the MID RMA Board on a semi-annual basis. In this respect, the MID RMA Board delegated the authority of certifying the request for paying Bahrain to its Chairman, provided that this will be reviewed by the MID RMA Board at each of its meetings.
- 3.9 The meeting agreed that the Chairman of the MID RMA Board be delegated the authority to sign on behalf of the Participating States, the Custodian Agreement to be prepared by ICAO, based on the agreed main points of negotiation at **Appendix 3B** to the report on Agenda Item 3.
- 3.10 Accordingly, the meeting agreed to the following Conclusions and Decision, which supersede and replace the MID RMA Board/1 Conclusion 1/3 and Conclusion 1/6:

#### DRAFT CONCLUSION 2/1: FUNDING MECHANISM OF THE MID RMA

That,

- a) the activities of the MID RMA be ensured through contributions from all MID RMA Member States, which could be recovered in accordance with ICAO Policies on charges for Airports and Air Navigation Services (Doc 9082), in coordination with IATA;
- the amount of US\$ three hundred thousand (300 000) represents a good estimation of the total cost of the setting up and operation of the MID RMA for the first year of operation effective 24 November 2005;
- c) the contribution of States for the first year of operation of the MID RMA:
  - i) be paid on equal basis, as a lump sum based on the estimation hereabove and the number of MID RMA Member States; and
  - ii) be paid before 30 June 2006 on the basis of invoices issued by ICAO;
- d) for the coming years:
  - the amount of contribution for each Member State will be revised once every year by the MID RMA Board taking into consideration ICAO guidelines pertaining to the funding and cost recovery for regional safety monitoring mechanisms; and
  - ii) in case the contributions for one year exceeded the yearly cost for the operation and management of the MID RMA, the difference be deducted from the contributions of the next year.

#### DRAFT CONCLUSION 2/2: MID RMA PROJECT

That,

- a) the MOA at **Appendix 3A** to the report on Agenda Item 3 is reviewed and agreed upon by the MID RMA Board;
- b) the original copy of the MOA is signed by Bahrain, Egypt, Jordan, Kuwait, Lebanon, Oman and Saudi Arabia:
- the ICAO MID Regional Office is to follow up with the remaining States the signature of the MOA;
- d) the main points of negotiation for a Custodian Agreement between ICAO, the MID RMA Board and Bahrain at **Appendix 3B** to the report on Agenda Item 3, be used by ICAO for the preparation of the final version of the Custodian Agreement; and
- e) the final version of the Custodian Agreement be sent to Bahrain and the MID RMA Board Chairman for signature before 31 May 2006.

#### DRAFT DECISION 2/3: DELEGATION OF AUTHORITY TO THE MID RMA BOARD CHAIRMAN

That, the MID RMA Board Chairman be delegated the authority to:

- a) sign on behalf of the MID RMA Participating States, the Custodian Agreement, which will be tripartite in nature between ICAO, Bahrain and the MID RMA Board; and
- b) certify the request for paying Bahrain based on the presentation of Bills which are to be reviewed by the MID RMA Board at each of its meetings.

#### Commitment by States and nomination of MID RMA Board Members & Alternates

- 3.11 The meeting recalled that the MID RMA Board/1 meeting held in Cairo, 5-6 September 2005, noted with appreciation that Bahrain, Egypt, Iran, Jordan, Lebanon, Oman, Saudi Arabia and Syria have committed themselves to the MID RMA Project. Further to the MID RMA Board/1 meeting, Kuwait and Yemen officially joined the group of Participating States to the MID RMA Project. An updated list of the MID RMA Board Members and Alternates are shown at **Appendix 3C** to the report on Agenda Item 3.
- 3.12 The meeting recalled with appreciation the tremendous efforts deployed by UAE in the preparation for the successful and safe implementation of RVSM in the MID Region effective 27 November 2003 by, inter-alia, hosting all RVSM Task Force Meetings and Seminars and providing full support, both financially and technically, to the activities of the Middle East Central Monitoring Agency (MECMA). Accordingly, the meeting agreed to invite UAE to join the MID RMA Project and to exempt them from paying contributions for the first ten (10) years of operation of the MID RMA.
- 3.13 Accordingly, the meeting agreed to the following Conclusion, which supersedes and replaces MID RMA Board/1 Conclusion 1/4:

#### DRAFT CONCLUSION 2/4: MEMBERSHIP OF THE MID RMA

That,

- a) Bahrain, Egypt, Iran, Jordan, Kuwait, Lebanon, Oman, Saudi Arabia, Syria and Yemen committed themselves to participate in the MID RMA project; and
- b) taking into consideration the tremendous efforts deployed by UAE in the preparation for the successful and safe implementation of RVSM in the MID Region, UAE is:
  - i. invited to join the MID RMA Project; and
  - ii. is to be exempted from the payment of contributions for the first ten (10) years of operation of the MID RMA.

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# MIDDLE EAST REGIONAL MONITORING AGENCY (MID RMA)

## MEMORANDUM OF AGREEMENT

Bahrain- 27 February, 2006

#### MID RMA Board/2 Appendix 3A to the Report on Agenda Item 3

## MEMORANDUM OF AGREEMENT ON THE ESTABLISHMENT, OPERATION AND MANAGEMENT OF THE MIDDLE EAST REGIONAL MONITORING AGENCY (MID RMA) AND ITS FUNDING BY THE PARTICIPATING STATES

#### 1. PARTIES

1.1 The Parties to this memorandum of agreement are: Bahrain, Egypt, Iran, Jordan, Kuwait, Lebanon, Oman, Saudi Arabia, Syria and Yemen.

#### 2. AGREEMENT

- CONSIDERING the urgent need to institute a programme, on a regional basis, for monitoring the height-keeping performance of aircraft operating in RVSM airspace;
- CONSIDERING the Parties' earlier decision that the Middle East Regional Monitoring Agency (MID RMA) will be funded entirely by the participating States and that the budget estimate for the first year, be paid by the Parties on equal basis;

The Parties have agreed as follows:

- The Parties to this memorandum of agreement, referred to hereunder as Participating States agree to establish the Middle East Regional Monitoring Agency (MID RMA) and undertake to become its members:
- 2. The MID RMA shall be managed as a Regional programme; shall have legal personality and shall act through the MID RMA Board;
- 3. The overall objective of the MID RMA is the promotion of safety of air navigation in the Middle East Region through the operation and management, on a sound and efficient basis, of a permanent MID Regional Monitoring Agency;
- 4. The MID RMA Board, in which each Participating State is entitled to appoint one member, shall retain overall direction and responsibility for the supervision and operation of the MID RMA in accordance with the relevant obligations of the Participating States under the Convention on International Civil Aviation and its Annexes. The Board shall elect its chairman. It shall inter-alia, supervise and direct the MID RMA, follow-up its activities and reports and assign its priorities. It shall also secure the commitment of Participating States for funding the MID RMA in accordance with agreed funding mechanism and for provision of necessary data for the MID RMA;
- The MID RMA's scope, duties and responsibilities will be those agreed by the Board's first meeting and could be revised by the Board. The MID RMA will be assigned clear tasks in a step-by-step approach starting with RVSM height monitoring and RVSM post-implementation safety assessment, having in mind the end objectives, which will include RNP/RNAV and SMS. The MID RMA duties and responsibilities will include, but will not be limited to the following:
  - collecting and analysing RVSM data received from MID States as well as from Eurocontrol/FAA, IATA and airlines;
  - collecting data on aircraft approved by various States for operation within RVSM airspace in the MID Region and enter such data in the MID RMA database;
  - verification of the effectiveness of the approval process by States;

- establishing a database for reporting height deviations of aircraft;
- verification that the target level of safety on implementation of RVSM is met and maintained:
- monitoring the effectiveness of the altimetry system modifications to enable aircraft to meet the required height keeping performance criteria;
- evaluation of the stability of altimetry system error;
- undertake monitoring missions to States as required;
- determine in the light of analysis made of data received and of missions conducted, whether compliance with required safety standards is maintained and initiate corrective action as needed in each case; and
- submit a report to each Board meeting on MID RMA activities, its analysis of data and any identified departure from RVSM Safety limits, for its consideration and action as appropriate.
- 6. The Participating States have accepted Bahrain's offer to host the MID RMA in Bahrain to enable the early establishment and functioning of the MID RMA;
- 7. Bahrain will provide the offices, equipment and local personnel needed for the MID RMA operations and pay for the initial set up of the MID RMA without waiting for MID States' contributions. The advance payment made by Bahrain shall be recovered through States' contributions in compliance with the agreed funding mechanism;
- 8. Based on the agreed funding mechanism for the first year of operation of the MID RMA, the cost for the establishment of the MID RMA, its operation and management for the first year shall not exceed the estimated amount of US\$ 300,000, which shall be borne by the Participating States on equal basis;
- The funding mechanism and consequent contributions of Participating States may be modified in subsequent years by decision of the Board;
- 10. The MID RMA staff shall be composed of:

1. MID RMA Manager/Team Leader (Part Time)

One Assistant MID RMA Officer (Full Time)

3. Database Specialist (Part Time)

- 11. The MID RMA Manager/Team Leader shall manage the project on day-to-day basis and effect coordination with the Chairman of the MID RMA Board. He shall submit the MID RMA reports to the Board with copies to the ICAO Regional Office in Cairo;
- Bahrain shall monitor the progress of the MID RMA, maintain financial accounting and provide general support and timely reporting;
- 13. Participating States authorize the MID RMA Board Chairman to negotiate on behalf of the MID RMA an agreement with ICAO and Bahrain specifying ICAO's role as the custodian of the funds collected for the purpose of this agreement, in compliance with ICAO's Financial Regulations and Rules;
- 14. This Memorandum of Agreement shall come into effect on the date it has been signed by the Participating States;
- 15. Any amendment to this Memorandum of Agreement, shall be carried out by the parties to this agreement;

- 16. Any dispute arising out of or relating to this Memorandum of Agreement, shall be settled by direct consultation between the Participating States concerned;
- 17. Any Participating State may withdraw from this Memorandum of Agreement by giving a prior notice of **six (6) months** to other Participating States. The obligations assumed by the Participating States under this Memorandum of Agreement shall continue to exist after the withdrawal from this Memorandum of Agreement to the extent necessary to permit the orderly finalization of activities, the withdrawal of personnel, the distribution of funds and assets and the settlement of contractual obligations. Additional funds, if necessary, to cover the above mentioned expenditures shall be provided by the Participating States.
- 18. The hosting of the MID RMA by Bahrain may be terminated at the request of Bahrain, with two years advance written notification to the MID RMA Board to allow sufficient time for selection of an alternative location and necessary arrangements for transfer of the MID RMA.
- 19. All correspondence relating to the implementation of this Agreement, shall be addressed to:

#### MID RMA

Chairman of the MID RMA Board C/o Ministry of Transportation P.O. Box 586 Bahrain International Airport Manama - Bahrain

With copy to the:

#### **ICAO** Regional Director

ICAO Middle East Regional Office Egyptian Civil Aviation Complex, Airport Road P.O Box 85, Airport Post office, Terminal One 11776, Cairo, Egypt Agreed on behalf of MID RMA States

State	Signature	Title	Date
Bahrain	ADA	AlDIGEZZA AIR SANIGAT	J27/2/06.
Egypt \	Lassan (Camel.	ATS Safely Marager	- 28/2/-6
Iran			10100. 79
Jordan		Director ATM	28/2/2006
Lebanon		CHIEF A'R NAU DEPT	27th Feb 2006
Kuwait	3	DY DGCA for N	EA 27/2/2006
Oman 4		ADGCAM	27th /262006
Saudi Arabia	- ( )	KUSM MANAGER	27FB ZOUC
Syria			
Yemen			

Agreed on behalf of MID RMA States State Signature Title Date Bahrain Egypt fran Jordan Lebanon Kuwait Oman Saudi Arabia Syria Deputy Charman 23/02/06 Yemen

#### MID RMA Board/2 Appendix 3B to the Report on Agenda Item 3

### MAIN POINTS OF NEGOTIATION FOR A CUSTODIAN AGREEMENT BETWEEN ICAO, MID RMA, AND BAHRAIN.

The following are the main points of the negotiation for the custodian agreement, subject to the final approval by the Secretary General and the President of the Council.

- 1. In accordance with the apportionment provided by the MID RMA Board, ICAO shall use its best efforts to collect the funds from each of the Member States of the MID RMA by issuing a request for payment to each Member State.
- 2. ICAO shall be entitled to receive 10% of the funds collected, as administration fees.
- ICAO shall act as the custodian of the funds collected under paragraph 1, to the extent defined as follows:
  - a) creating a fund for the MID RMA, probably a Technical Cooperation Trust Fund or another fund, subject to the approval of the Council, if necessary;
  - depositing the funds received in the MID RMA fund mentioned in subparagraph 1) and issuing acknowledgements of receipts to individual States when funds are received;
  - c) recording the funds received in the MID RMA fund and tracking accrued interest;
  - d) reporting on funds received and balance of funds to the RMA Board via a quarterly statement.
  - e) subject to availability of funds, reimbursing Bahrain on the basis of a certified request for payment by the RMA Board - either on a semi-annual or annual basis.
  - f) reporting on balance of funds in the year-end statements.
- 4. ICAO will have no responsibility to certify that funds spent by Bahrain are for the purpose for which they were intended. Nor will any form of verification or audit be performed on expenditure related to the MID RMA. Any request for audit must be commissioned by the MID RMA Board and contracted with an independent external auditor.
- 5. ICAO will not provide an itemized statement of expenditure since it has no responsibility for the budget of the MID RMA Board.
- 6. ICAO will not receive invoices for payment to third parties nor will it be required to make any disbursements other than to Bahrain for reimbursement of their costs.
- 7. In no event shall ICAO be held liable for any claim or damage arising from the execution of this agreement. Without limiting the generosity of the foregoing, ICAO shall not be liable for:
  - a) the failure to collect from delinquent States. Following a reasonable number of reminders sent to the States, it will be the responsibility of the MID RMA Board to engage in further collection action or to enforce any sanctions with respect to delinquency;
  - the loss of the funds, such as in the course of their deposits, transmissions or transfers;

- c) the deficit position of the MID RMA fund.
- 8. In the event that there is any claim against ICAO from a third party, other parties to this agreement shall indemnify and hold ICAO harmless.
- 9. ICAO will be bound by its Financial Regulations and Rules in all matters under this agreement. No provision of this agreement shall be interpreted in conflict with the Financial Regulations and Rules.
- 10. Settlement of dispute by consultation.
- 11. ICAO's immunity clause.
- 12. Conditions for termination or renewal of the agreement.

#### MID RMA Board/2 Appendix 3C to the Report on Agenda Item 3

#### LIST OF MID RMA BOARD MEMBERS/FOCAL PONTS AND ALTERNATES

STATE	RMA BOARD MEMBER/FOCAL POINT	ALTERNATE		
BAHRAIN	Mr. Ali Ahmed Mohammed Acting Director Air Navigation Ministry of Transportation Civil Aviation Affairs P.O. Box 586 KINGDOM OF BAHRAIN Fax: (973) 17 321 992 Tel: (973) 17321116 Mobile: (973) 39973447 E-mail: aliahmed@caa.gov.bh	Mr. Mohammed Zainal Head of Standards, Licensing and Development Civil Aviation Affairs P.O. Box 586 – BAHRAIN Fax: (973) 321 029 Tel: (973) 321 028 Mobile: (973) 967 6707 E.Mail: mzainal@caa.gov.bh		
EGYPT	Mr. Mohamed Abbas Mohamed Safety General Manager Civil Aviation Authority Cairo International Airport Road Cairo – EGYPT Tel: (202) 2678 529 Mobile: (010) 6107022 E-mail: md-soliman@hotmail.com	Mr. Hassan Kamel Abdel Meguied ATS Safety Manager National Air Navigation Services Co. Cairo International Airport Road Cairo – EGYPT Fax: (202) 268 0627 Tel: (202) 265 7842 Mobile: (010) 1843 602 E-mail: hassankam@hotmail.com		
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JORDAN	Mr. Jawad Mohammad Abu-Ghazaleh Director of ATM Civil Aviation Authority P.O. Box 7547 Amman 11110 – JORDAN Fax: (962 6) 4891266 Tel: (962 6) 4897726 E-mail: datm@jcaa.gov.jo	Mr. Ali S. Abbadi Director of Air Navigation Services/Queen Alia Int'l Airport Civil Aviation Authority P.O. Box 7547 Amman – JORDAN Fax: (962-6) 445 1619 Tel: (962-6) 445 1666 Mobile: (962-79) 670 0101 E-mail: ali_abbadi@yahoo.com		

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STATE	RMA BOARD MEMBER/FOCAL POINT	ALTERNATE
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STATE	RMA BOARD MEMBER/FOCAL POINT	ALTERNATE
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#### REPORT ON AGENDA ITEM 4: TECHNICAL ISSUES RELATED TO RVSM POST-IMPLEMENTATION IN THE MID REGION

- 4.1 Under this agenda item, the meeting recalled that an important task of a Regional Monitoring Agency (RMA) is the technical height monitoring function. It noted also that RMAs should work with PIRGs to ensure that sufficient monitoring infrastructure is available to meet requirements. The monitoring infrastructure may consist of specialized systems and a support contractor or monitoring service provider. An RMA may establish suitable monitoring infrastructure through an arrangement with existing RMAs or through the development of new systems. Support contractors may be selected on the basis of having contributed to the monitoring infrastructure of another region or be subject to a comparative analysis with an established system.
- 4.2 The meeting recalled that the safety assessment consists of estimating the risk of collision associated with the RVSM and comparing this risk to the agreed RVSM safety goal, the Target Level of Safety (TLS). An RMA will need to acquire an in-depth knowledge of the use of the airspace within which RVSM will be/is implemented. This requirement will continue after RVSM implementation as part of the RMA duties. Currently, there is no standard Collision Risk Model (CRM) that is applicable to all airspaces. Each Region has to adapt existing CRMs to take account of regional variations.
- 4.3 The meeting noted that the RVSM pre-implementation safety assessment in the MID Region was carried out by the Middle East Central Monitoring Agency (MECMA) based on traffic samples of 2002 from all 11 FIRs, assigned altitude deviations (AAD) data and turbulence reporting.
- 4.4 The meeting recalled that the responsibilities of an RMA continue after RVSM implementation. The overall intent of RMA activities after implementation is to support continued and safe use of RVSM. The meeting highlighted that MIDANPIRG should consider if the MID RMA is to conduct an annual safety assessment taking into consideration the changes of the ATS Route network and the volume of traffic in the different areas of the Region.
- 4.5 The meeting noted that the duties and responsibilities of the MID RMA include the development of the RVSM post-implementation safety analysis and recognized the complexity and difficulty of this task, which necessitates specific expertise that might not be currently available among the MID RMA staff. Accordingly, with a view to expedite the process of carrying out the RVSM post-implementation safety analysis, the idea of outsourcing this task to a suitably qualified Contractor/Consultant was raised.
- 4.6 It was highlighted in this regard that the RVSM post-implementation safety analysis is to be carried out only once, then the safety assessment could be limited to the development of annual RVSM safety monitoring reports.
- 4.7 The meeting noted with appreciation the offer made by Eurocontrol to train, at no expense, one of the MID RMA staff in Brussels with a view to acquire the necessary expertise for the development of the RVSM post-implementation safety analysis. FAA indicated their readiness to assist in this regard.
- 4.8 The meeting noted also that various methodologies have been used for the development of the RVSM post-implementation safety analysis and that they are specific to each Region. It was also highlighted that the data required to carry out height monitoring and safety assessment activities might depend on the methodology to be used. However and in compliance with MIDANPIRG/8 Conclusion 8/24, the meeting reiterated the requirement for:

- a) all States to report data and incidents necessary for performing collision risk calculations required for sustained safe RVSM operations to the MID RMA. The data will include, but not necessarily be limited to:
  - i) assigned altitude deviations of 300 ft or more (monthly);
  - ii) total number of IFR movements (monthly);
  - iii) average time per movement spent in the level band FL290 -FL410;
  - iv) ATC/ATC coordination failures (monthly); and
  - v) traffic data (as requested by the MID RMA);
- b) air operators to maintain procedures for reporting of turbulence; and
- States to report data on approval of operators and aircraft for RVSM operations (monthly); and
- d) MID RMA to ensure the processing and evaluation of this data and identify or develop methodologies for assessing the risk associated with operational procedures prevailing within the MID Region.
- 4.9 The meeting noted the content of the MID RMA database pertaining to States' RVSM approvals at **Appendix 4A** to the report on Agenda Item 4 and urged the MID RMA to send, as a follow up action to this meeting, a reminder to all States specifying exactly the type and format of data required.
- 4.10 The meeting noted also that, based on the methodology to be used for the development of the RVSM post-implementation safety analysis, radar data from a number of States might be required.
- 4.11 Based on the foregoing the meeting agreed to the following Conclusion:

#### DRAFT CONCLUSION 2/5: SAFETY ASSESSMENT ACTIVITY

That,

- a) in accordance with its Duties and Responsibilities, the MID RMA is responsible for the development of the RVSM post-implementation safety analysis for the MID Region;
- support contractor/consultant might be required for the development of the RVSM post-implementation safety analysis and selection of the appropriate methodology; and
- the RVSM post-implementation safety analysis is to be ready before 24 November 2006 with a view to be presented to MIDANPIRG/10 meeting;
- the MID RMA determine the exact type and format of data required and inform States accordingly; and
- e) States provide the required data on a regular basis.

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#### MID RMA Board/2 Appendix 4A to the Report on Agenda Item 4

#### **BAHRAIN**

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No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
344	Royal FLT	A9CBA	B727	21824	894002	Bahrain	18/1/2000	
345	Royal FLT	A9CBAH	G4	1353	894001	Bahrain	07-04-99	
346	Royal FLT	A9CHMH	B74SP	21649	894006	Bahrain	23/10/2002	
347	Royal FLT	A9CHMK	B747-400	33684	894014	Bahrain	10-01-06	
348	BDF	A9CBDF	AVRO RJ-85	E2390	894011	Bahrain	21/10/2003	
349	BDF	A9CHWR	AVRO RJ-85	E2306	894016	Bahrain	28/11/2004	
350	BEXAIR	A9CBXA	560 Citation Excel	560-5046	894008	Bahrain	14/8/2003	
351	BEXAIR	A9CBXB	CL-604	5477	894009	Bahrain	08-11-03	
352	BEXAIR	A9CBXC	Cessna 550 B	550-1050	894013	Bahrain	01-06-04	
353	BEXAIR	A9CBXD	CL-601	5194	894015	Bahrain	09-06-04	
354	BEXAIR	A9CBXG	CL-604	5485	89401D	Bahrain	14/10/2005	
355	BEXAIR	A9CBXH	CL-604	5476	89401E	Bahrain	21/2/2006	

#### **EGYPT**

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
24	MSR	SUBDG	A300-B4			Egypt		
25	MSR	SUGAC	A300-B4			Egypt		
26	MSR	SUGAS	A300-600			Egypt		
27	MSR	SUGAT	A300-600			Egypt		
28	MSR	SUGAU	A300-600			Egypt		
29	MSR	SUGAY	A300-600			Egypt		
30	MSR	SUGBA	A320-231			Egypt		
31	MSR	SUGBB	A320-231			Egypt		
32	MSR	SUGBC	A320-231			Egypt		
33	MSR	SUGBD	A320-231			Egypt		
34	MSR	SUGBE	A320-231			Egypt		
35	MSR	SUGBF	A320-231			Egypt		
36	MSR	SUGBG	A320-231			Egypt		
37	MSR	SUGBZ	A320-232			Egypt		
38	MSR	SUGCA	A320-232			Egypt		
39	MSR	SUGCB	A320-232			Egypt		
40	MSR	SUGCC	A320-232			Egypt		
41	MSR	SUGCE	A320-232			Egypt		
42	MSR	SUGGG	A340-243			Egypt		
43	MSR	SUGBM	A340-243			Egypt		
44	MSR	SUGBN	A340-243			Egypt		
45	MSR	SUGBO	A340-243			Egypt		
46	MSR	SUGCE	A340-243			Egypt		
47	MSR	SUGCF	A340-243			Egypt		

#### **EGYPT**

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
48	MSR	SUGCG	A340-243			Egypt		
49	MSR	SUGCI	A340-243			Egypt		
50	MSR	SUGCH	A340-243			Egypt		
51	MSR	SUGBT	A321-231			Egypt		
52	MSR	SUGBU	A321-231			Egypt		
53	MSR	SUGBH	B737-566			Egypt		
54	MSR	SUGBL	B737-566			Egypt		
55	MSR	SUGBJ	B737-566			Egypt		
56	MSR	SUGBK	B737-566			Egypt		
57	MSR	SUGBP	B777-266			Egypt		
58	MSR	SUGBR	B777-266			Egypt		
59	MSR	SUGBS	B777-266			Egypt		
60	MSR	SUGBX	B777-266			Egypt		
61	MSR	SUGBY	B777-266			Egypt		
62	Cairo Aviation	SUEAI	TU-204			Egypt		
63	Cairo Aviation	SUEAF	TU-204			Egypt		
64	Cairo Aviation	SUEAG	TU-204			Egypt		
65	Cairo Aviation	SUEAJ	TU-204			Egypt		
66	AMC Airline	SUBOY	MD-83			Egypt		
67	AMC Airline	SUBOZ	MD-83			Egypt		
68	Air Memphis	SUPBD	A320			Egypt		
69	Air Memphis	SUPBE	A320			Egypt		
70	Air Cairo	SUGBV	A321			Egypt		
71	Air Cairo	SUGBW	A321			Egypt		

#### **EGYPT** No. Oper. Reg No Ser- No Mode S State of Reg Date Approvel Issued Date of Expiry Type SUBME 72 Luxor Air MD-83 Egypt 73 Tri Star SUBMZ A300-B4F Egypt SUPIX HS125/700B National Aviation Egypt 75 SUHEC Travco Air CB550 Egypt 76 Artoc Air SUMGS LJ45 Egypt Executive Wings Aviation 77 SUEWD C680 Egypt

#### IRAN

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
382	CPN	EPCPG	TU154			Iran		
383	CPN	EPCPN	TU154			Iran		
384	CPN	EPCPO	TU154			Iran		
385	CPN	EPCPS	TU154			Iran		
386	IRA	EPIBS	A300			Iran		
387	IRA	EPIBT	A300			Iran		
388	IRA	EPIBV	A300			Iran		
389	IRA	EPIBZ	A300			Iran		
390	IRA	EPIBA	A300-600			Iran		
391	IRA	EPIBB	A300-600			Iran		
392	IRA	EPIBC	A300-600			Iran		
393	IRA	EPIBD	A300-600			Iran		
394	IRA	EPIBK	A310			Iran		
395	IRA	EPIBL	A310			Iran		
396	IRA	EPIBM	A310			Iran		
397	IRA	EPIBN	A310			Iran		
398	IRA	EPIBO	A310			Iran		
399	IRA	EPIBP	A310			Iran		
400	IRA	EPIBQ	A310			Iran		
401	IRA	EPIBX	A310			Iran		
402	IRA	EPIRP	B727			Iran		
403	IRA	EPIRR	B727			Iran		
404	IRA	EPIRS	B727			Iran		

#### IRAN

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
405	IRA	EPIRT	B727			Iran		
406	IRA	EPAGA	B737			Iran		
407	IRA	EPIAA	B747			Iran		
408	IRA	EPIAB	B747			Iran		
409	IRA	EPIAD	B747			Iran		
410	IRA	EPIAG	B747			Iran		
411	IRA	EPIAH	B747			Iran		
412	IRA	EPIAM	B747			Iran		
413	IRA	EPCFD	F100			Iran		
414	IRA	EPCFE	F100			Iran		
415	IRA	EPCFH	F100			Iran		
416	IRA	EPCFK	F100			Iran		
417	IRA	EPCFI	F100			Iran		
418	IRA	EPCFJ	F100			Iran		
419	IRA	EPIDA	F100			Iran		
420	IRA	EPIDB	F100			Iran		
421	IRA	EPIDD	F100			Iran		
422	IRA	EPIDF	F100			Iran		
423	IRA	EPIDG	F100			Iran		
424	IRB	EPMBN	TU154			Iran		
425	IRB	EPMBQ	TU154			Iran		
426	IRB	EPMBT	TU154			Iran		
427	IRB	EPMCE	TU154			Iran		

#### IRAN

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
428	IRB	EPMCF	TU154			Iran		
429	IRB	EPMCL	TU154			Iran		
430	IRB	EPMCH	TU154			Iran		
431	IRB	EPMCG	TU154			Iran		
432	IRC	EPASA	B727			Iran		
433	IRC	EPASB	B727			Iran		
435	IRC	EPASC	B727			Iran		
436	IRC	EPASD	B727			Iran		
437	IRC	EPASG	F100			Iran		
438	IRC	EPASH	F100			Iran		
439	IRC	EPASI	F100			Iran		
440	IRC	EPASJ	F100			Iran		
441	IRC	EPASK	F100			Iran		
442	IRC	EPASL	F100			Iran		
443	IRC	EPASO	F100			Iran		
444	IRC	EPASP	F100			Iran		
445	IRC	EPASQ	F100			Iran		
446	IRC	EPASR	F100			Iran		
447	IRC	EPAST	F100			Iran		
448	IRK	EPLBR	TU154			Iran		
449	IRK	EPLBS	TU154			Iran		
450	IRM	EPMHF	A300			Iran		
451	IRM	EPMHG	A300			Iran		

	IRAN											
No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry				
452	IRM	EPMHE	A300			Iran						
453	IRM	EPMHJ	A320			Iran						
454	IRM	EPMHK	A320			Iran						
455	IRQ	EPTQI	IL76TD			Iran						
456	IRQ	EPTQJ	IL76TD			Iran						
457	ERAM	EPEKA	TU154			Iran						
458	ERAM	EPEKB	TU154			Iran						

#### **KUWAIT** Oper. Reg No State of Reg Date Approvel Issued Date of Expiry Type Ser- No Mode S No. 9KAHI 356 KAC A300 706021 Kuwait 357 KAC A320 706004 9KAKA Kuwait 358 KAC 9KAKB A320 706005 Kuwait KAC 359 9KAKC A320 706006 Kuwait KAC 360 9KAKD A320 706024 Kuwait KAC 361 9KALA A310 Kuwait 706007 362 KAC 9KALB 706008 A310 Kuwait KAC 363 9KALC A310 706009 Kuwait KAC 364 9KALD A310 70600A Kuwait KAC 365 9KAMA A300 70600B Kuwait KAC 366 9KAMB A300 70600C Kuwait 367 KAC 9KAMC A300 70600D Kuwait 368 KAC 9KAMD A300 70600E Kuwait 369 KAC 9KAME A300 70600F Kuwait 370 KAC 9KANA A340 706013 Kuwait KAC 9KANB A340 371 706014 Kuwait 372 KAC 9KANC A340 706015 Kuwait 373 KAC 9KAND A340 706016 Kuwait 374 KAC 9KAOA B777 706017 Kuwait 375 KAC 9KAOB B777 706018 Kuwait 376 KAC 9KADE B744 706010 Kuwait 377 KAC 9KAJD G۷ 70601E Kuwait 378 KAC 9KAJE GV 70601F Kuwait

	KUWAIT										
No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry			
379	KAC	9KAJF	GV		706000	Kuwait					
380	KAC	9KCAA	A320		706202	Kuwait					
381	KAC	9KCAB	A320		706203	Kuwait					

## **LEBANON**

				-	-			
No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
12	GLOBE JET	ODMIR	L1011			Lebanon		
13	GLOBE JET	ODZEE	L1011			Lebanon		
14	Mena Jet	FOKRM	A320			France		
15	MEA	FOMEA	A332			France		
16	MEA	FOMEB	A332			France		
17	MEA	FOMEC	A332			France		
18	MEA	FORME	A321			France		
19	MEA	FORMJ	A321			France		
20	MEA	FORMF	A321			France		
21	MEA	FORMG	A321			France		
22	MEA	FORMI	A321			France		
23	MEA	FORMH	A321			France		

## OMAN

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
140	GFA	A4OKA	A332		70C039	Oman	20/03/2001	
141	GFA	A4OKB	A332		70C03A	Oman	20/03/2001	
142	GFA	A4OKC	A332		70C03B	Oman	20/03/2001	
143	GFA	A4OKD	A332		70C03C	Oman	20/03/2001	
144	GFA	A4OKE	A332		70C044	Oman	20/03/2001	
145	GFA	A4OKF	A332		70C045	Oman	20/03/2001	
146	GFA	A4OEB	A322		70C00C	Oman	20/03/2001	
147	GFA	A4OED	A322		70C00E	Oman	20/03/2001	
148	GFA	A4OEE	A322		70C012	Oman	20/03/2001	
149	GFA	A4OEG	A322		70C014	Oman	20/03/2001	
150	GFA	A4OEH	A322		70C015	Oman	20/03/2001	
151	GFA	A4OEI	A322		70C021	Oman	20/03/2001	
152	GFA	A4OEJ	A322		70C022	Oman	20/03/2001	
153	GFA	A4OEL	A322		70C024	Oman	20/03/2001	
154	GFA	A4OEN	A322		70C028	Oman	20/03/2001	
155	GFA	A4OEO	A322		70C04E	Oman	29/06/2003	
156	GFA	A4OGI	B763		70C035	Oman	20/03/2001	
157	GFA	A4OGJ	B763		70C036	Oman	20/03/2001	
158	GFA	A4OGK	B763		70C037	Oman	20/03/2001	
159	GFA	A4OGS	B763		70C007	Oman	20/03/2001	
160	GFA	A4OGT	B763		70C00B	Oman	20/03/2001	
161	GFA	A4OGU	B763		70C00F	Oman	20/03/2001	
162	GFA	A4OGV	B763		70C010	Oman	20/03/2001	

## OMAN

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
163	GFA	A4OGY	B763		70C0IE	Oman	20/03/2001	
164	GFA	A4OGZ	B763		70C0IF	Oman	20/03/2001	
165	GFA	A4OLB	A343		70C017	Oman	20/03/2001	
166	GFA	A4OLC	A343		70C018	Oman	20/03/2001	
167	GFA	A4OLD	A343		70C019	Oman	20/03/2001	
168	GFA	A4OLE	A343		70C0IA	Oman	20/03/2001	
169	GFA	A4OLF	A343		70C0IB	Oman	20/03/2001	
170	GFA	A4OLG	A343		70C04F	Oman	06-09-03	
171	GFA	A4OLH	A343		70C050	Oman	26/10/2003	
172	GFA	A4OLI	A343		70C051	Oman	17/11/2003	
173	GFA	A4OLJ	A343		70C052	Oman	22/03/2004	
174	X	A4OSO	B74S		70C020	Oman	27/01/1998	
175	X	A4OAB	GLF4		70C009	Oman	21/02/1998	
176	Х	A4OAC	GLF4		70C00A	Oman	22/09/1998	
177	Х	A4OOMN	B744		70C04D	Oman	29/04/2004	
178	Χ	A4OAA	A322		70C057	Oman	16/12/2005	
179	OMA	A4OBN	B738		70C046	Oman	16/11/2003	
180	OMA	A4OBS	B737		70C047	Oman	16/11/2003	
181	OMA	A4OBT	B737		70C048	Oman	16/11/2003	
182	OMA	A4OBO	B737		70C049	Oman	16/11/2003	
183	OMA	A4OBR	B738		70C04A	Oman	16/11/2003	
184	OMA	A4OBJ	B738		70C054	Oman	28/03/2005	

## QATAR

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
78	QTR	A7-ACA	A330-202		06A018	Qatar		
79	QTR	A7-ACB	A330-202		06A019	Qatar		
80	QTR	A7-ACC	A330-202		06A01E	Qatar		
81	QTR	A7-ACD	A330-202		06A01F	Qatar		
82	QTR	A7-ACE	A330-202		06A024	Qatar		
83	QTR	A7-ACF	A330-202		06A030	Qatar		
84	QTR	A7-ACH	A330-202		06A024	Qatar		
85	QTR	A7-AFL	A330-202		06A035	Qatar		
86	QTR	A7-AFM	A330-202		06A036	Qatar		
87	QTR	A7-AFN	A330-202		06A033	Qatar		
88	QTR	A7-AFO	A330-202		06A034	Qatar		
89	QTR	A7-AFP	A330-202		06A03F	Qatar		
90	QTR	A7-AEA	A330-302		06A031	Qatar		
91	QTR	A7-AEB	A330-302		06A032	Qatar		
92	QTR	A7-AEC	A330-302		06A03C	Qatar		
93	QTR	A7-AED	A330-302		06A03D	Qatar		
94	QTR	A7-ABN	A300-622R		06A007	Qatar		
95	QTR	A7-ABO	A300-622R		06A008	Qatar		
96	QTR	A7-ABV	A300-622R		06A010	Qatar		
97	QTR	A7-ABW	A300-622R		06A011	Qatar		
98	QTR	A7-ABX	A300-622R		06A012	Qatar		
99	QTR	A7-ABY	A300-622R		06A013	Qatar		
100	QTR	A7-AFA	A300-622R		06A01A	Qatar		

## QATAR

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
101	QTR	A7-AFB	A300-622R		06A01D	Qatar		
102	QTR	A7-AFC	A300-622R		06A020	Qatar		
103	QTR	A7-AFD	A300-622R		06A025	Qatar		
104	QTR	A7-ABR	A320-232		06A00B	Qatar		
105	QTR	A7-ADA	A320-232		06A016	Qatar		
106	QTR	A7-ADB	A320-232		06A017	Qatar		
107	QTR	A7-ADC	A320-232		06A01B	Qatar		
108	QTR	A7-ADD	A320-232		06A022	Qatar		
109	QTR	A7-ADE	A320-232		06A023	Qatar		
110	QTR	A7-ADF	A320-232		06A027	Qatar		
112	QTR	A7-ADG	A320-232		06A028	Qatar		
113	QTR	A7-ADH	A320-232		06A029	Qatar		
114	QTR	A7-ADI	A320-232		06A02D	Qatar		
115	QTR	A7-ADJ	A320-232		06A02E	Qatar		
116	QTR	A7-ADS	A321-231		06A02B	Qatar		
117	QTR	A7-ADT	A321-231		06A02F	Qatar		
118	QTR	A7-CJA	A319-133		06A026	Qatar		
119	QTR	A7-CJB	A319-133		06A039	Qatar		
120	Qatar Amiri Flight	A7-AAM	BD-700-1A10		06A037	Qatar		
121	Qatar Amiri Flight	A7-AHHK	A340-211		06A001	Qatar		
122	Qatar Amiri Flight	A7-AAF	A310-304		06A00A	Qatar		
123	Qatar Amiri Flight	A7-AAG	A320-232		06A00F	Qatar		
124	Qatar Amiri Flight	A7-AAN	BD-100-1A10		06A03A	Qatar		

#### **QATAR** No. Oper. Reg No Ser- No Mode S State of Reg Date Approvel Issued Date of Expiry Type Qatar Amiri Flight A7-HHJ A319-133 06A014 125 Qatar 126 Qatar Amiri Flight A7-HJJ A330-202 06A01C Qatar Qatar Amiri Flight 127 A7-HHH A340-541 06A021 Qatar Qatar Amiri Flight A7-HHM 128 A330-202 06A038 Qatar

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185		HZ101				Saudi		
186		HZ102				Saudi		
187		HZ103				Saudi		
188		HZ105				Saudi		
189		HZ106				Saudi		
190		HZ107				Saudi		
191		HZ109				Saudi		
192		HZ110				Saudi		
193		HZ124				Saudi		
194		HZ130				Saudi		
195		HZAB1				Saudi		
196		HZAB3				Saudi		
197		HZAFA				Saudi		
198		HZAFA1	MD11		71032F	Saudi	23/05/2001	06-02-08
199		HZAFA2				Saudi		
200		HZAFH				Saudi		
201		HZAFI				Saudi		
202		HZAFJ				Saudi		
203		HZAFK				Saudi		
204		HZAFN				Saudi		
205		HZAFR				Saudi		
206		HZAFT				Saudi		
207		HZAFU				Saudi		

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
208		HZAFV				Saudi		
209		HZAFW				Saudi		
210		HZAFX				Saudi		
211		HZAFY				Saudi		
212		HZAFZ				Saudi		
213		HZAIA				Saudi		
214		HZAIB				Saudi		
215		HZAIC				Saudi		
216		HZAID				Saudi		
217		HZAIE				Saudi		
218		HZAIF				Saudi		
219		HZAIG				Saudi		
220		HZAII				Saudi		
221		HZAIJ				Saudi		
222		HZAIK				Saudi		
223		HZAIL				Saudi		
224		HZAIM				Saudi		
225		HZAIN				Saudi		
226		HZAIO				Saudi		
227		HZAIP				Saudi		
228		HZAIQ				Saudi		
229		HZAIR				Saudi		
230		HZAIS				Saudi		

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
231		HZAIT				Saudi		
232		HZAIU				Saudi		
233		HZAIV				Saudi		
234		HZAIW				Saudi		
235		HZAIX				Saudi		
236		HZAIY				Saudi		
237		HZAIZ				Saudi		
238		HZAJA				Saudi		
239		HZAJB				Saudi		
240		HZAJC				Saudi		
241		HZAJD				Saudi		
242		HZAJE				Saudi		
243		HZAJF				Saudi		
244		HZAJG				Saudi		
245		HZAJH				Saudi		
246		HZAJI				Saudi		
247		HZAJJ				Saudi		
248		HZAJK				Saudi		
249		HZAKA				Saudi		
250		HZAKB				Saudi		
251		HZAKC				Saudi		
252		HZAKD				Saudi		
253		HZAKE				Saudi		

No.	Oper.	Reg No	Type	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
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255		HZAKG				Saudi		
256		HZAKH				Saudi		
257		HZAKI				Saudi		
258		HZAKJ				Saudi		
259		HZAKK				Saudi		
260		HZAKL				Saudi		
261		HZAKM				Saudi		
262		HZAKN				Saudi		
263		HZAKO				Saudi		
264		HZAKP				Saudi		
265		HZAKQ				Saudi		
266		HZAKR				Saudi		
267		HZAKS				Saudi		
268		HZAKT				Saudi		
269		HZAKU				Saudi		
270		HZAKV				Saudi		
271		HZAKW				Saudi		
272		HZANA				Saudi		
273		HZANB				Saudi		
274		HZANC				Saudi		
275		HZAND				Saudi		
276		HZAP3				Saudi		

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
277		HZAP4				Saudi		
278		HZAP7				Saudi		
279		HZAPA				Saudi		
280		HZAPB				Saudi		
281		HZAPC				Saudi		
282		HZAPD				Saudi		
283		HZAPE				Saudi		
284		HZAPF				Saudi		
285		HZAPG				Saudi		
286		HZAPH				Saudi		
287		HZAPI				Saudi		
288		HZAPJ				Saudi		
289		HZAPK				Saudi		
290		HZAPL				Saudi		
291		HZAPM				Saudi		
292		HZAPN				Saudi		
293		HZAPO				Saudi		
294		HZAPP				Saudi		
295		HZAPQ				Saudi		
296		HZAPR				Saudi		
297		HZAPS				Saudi		
298		HZAPT				Saudi		
299		HZAPU				Saudi		

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
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301		HZAPW				Saudi		
302		HZAPX				Saudi		
303		HZAPY				Saudi		
304		HZAPZ				Saudi		
305		HZARK				Saudi		
306		HZBL2				Saudi		
307		HZDG1				Saudi		
308		HZDG2				Saudi		
309		HZFYZ				Saudi		
310		HZHA1				Saudi		
311		HZHM1A				Saudi		
312		HZHM1B				Saudi		
313		HZHM5				Saudi		
314		HZHM6				Saudi		
315		HZHM7				Saudi		
316		HZHMED				Saudi		
317		HZHR2				Saudi		
318		HZHR3				Saudi		
319		HZKAA				Saudi		
320		HZKSDA				Saudi		
321		HZKSDB				Saudi		
322		HZKSDC				Saudi		

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
323		HZKSRA				Saudi		
324		HZKSRB				Saudi		
325		HZKSRC				Saudi		
326		HZMF1				Saudi		
327		HZMF2				Saudi		
328		HZMFL				Saudi		
329		HZMIS				Saudi		
330		HZMS4				Saudi		
331		HZMS5				Saudi		
332		HZMS5A				Saudi		
333		HZNSA				Saudi		
334		HZOCV				Saudi		
335		HZOFC4				Saudi		
336		HZRC3				Saudi		
337		HZSAB2				Saudi		
338		HZSJB3				Saudi		
339		HZTAA				Saudi		
340		HZWBT4				Saudi		
341		HZWBT5				Saudi		
342		HZWBT6				Saudi		
343		HZWBT7				Saudi		

## **SYRIA**

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
1	SYR	YKAKD	A320			Syria	03-03-01	
2	SYR	YKAKE	A320			Syria	03-03-01	16/02/2006
3	SYR	YKAGD	B727-296			Syria	13/4/2002	
4	SYR	YKAHB	B74S			Syria	15/5/2003	15/07/2007
5	SYR	YKAGC	B727-200			Syria	08-09-04	09-01-06
6	SYR	YKAKA	A320			Syria	13/04/2005	15/4/2006
7	SYR	YKAKF	A320			Syria	14/04/2005	25/04/2007
8	SYR	YKAHA	B74S			Syria	06-01-05	25/01/2006
9	SYR	YKAKC	A320			Syria	17/08/2005	21/09/2007
10	SYR	YKAGB	B727-200			Syria	09-06-05	09-02-06
11	SYR	YKAKB	A320			Syria	26/09/2005	15/10/2006

## YEMEN

No.	Oper.	Reg No	Туре	Ser- No	Mode S	State of Reg	Date Approvel Issued	Date of Expiry
129	IYE	7OADL	B737-800		42200007	Yemen		
130	IYE	7OADM	B737-800		42200010	Yemen		
131	IYE	7OADN	B737-800		42200011	Yemen		
132	IYE	7OADJ	A310-300		42200003	Yemen		
133	IYE	FOGYO	A310-300		42200006	France		
134	IYE	FOHPS	A310-300		42200004	France		
135	IYE	FOHPR	A310-300		42200005	France		
136	IYE	7OADP	A330-200		42200012	Yemen		
137	IYE	7OADT	A330-200		42200013	Yemen		
138	IYE	7OYMN	B747-SP-27		42200001	Yemen		
139	IYE	7OADC	BAE HS-125		42200014	Yemen		

## MID RMA Board/2 Report on Agenda Item 5

#### REPORT ON AGENDA ITEM 5: REVIEW AND UPDATE OF THE ACTION PLAN/TIMELINES

- 5.1 Under this agenda item, the meeting noted that as a follow-up to MIDANPIRG/9 Conclusion 9/13, some of the actions included in the action plan initially developed by MIDANPIRG/9 and updated by the MID RMA/1 and MID RMA Board/1 meetings could not be completed on time due to factors beyond control. Taking into consideration the outcome of its discussions, the MID RMA Board/2 meeting updated and completed the action plan, as at **Appendix 5A** to the report on agenda Item 5.
- 5.2 Accordingly, the meeting endorsed the following Conclusion, which supersedes and replaces the MID RMA Board/1 Conclusion 1/8:

#### DRAFT CONCLUSION 2/6: MID RMA PROJECT ACTION PLAN/TIMELINES

That, the MID RMA Project Action Plan/Timelines is updated as at **Appendix 5A** to the report on Agenda Item 5.

## MID RMA Board/2 Appendix 5A to the Report on Agenda Item 5

## MID RMA PROJECT ACTION PLAN/TIMELINES

(as updated by the MID RMA Board/2 meeting, 27-28 February 2006)

Item No.	Actions	Responsible	Ma O	Apr 06	May 06	,	Jun 06	Jul 06	g Jg	Se 06	0		ov )6	De 06	Remarks
1	MOA preparation, distribution and signature	ICAO													Original copy of the MOA signed by 7 States
2	Preparation and signature of the custodian agreement between ICAO, MID RMA and Bahrain	ICAO, Chairman of the MID RMA Board and Bahrain			_										Ongoing
3	Issuance of invoices by ICAO	ICAO													Ongoing
4	Payment of Contribution for the first year of operation of the MID RMA	MID States													Ongoing
5	Reimbursement of Bahrain on the basis of certified request for payment by the MID RMA Board Chairman	MID RMA Board Chairman + Bahrain + ICAO													Jun. & Dec. 2006
6	development of the RVSM post- implementation safety analysis	MID RMA													24 Nov. 06
7	Convening of MID RMA Board/3 meeting	ICAO MID + States													OctDec. 2006

<sup>(*)</sup> Advice	, assistance	and suppo	rt as required
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#### MID RMA Board/2 Report on Agenda Item 6

#### REPORT ON AGENDA ITEM 6: FUTURE WORK PROGRAMME

- 6.1 Under this agenda item, the meeting recalled that the MID RMA Board/1 under Decision 1/5 developed the Terms of Reference of the MID RMA Board as at **Appendix 6A** to the report on Agenda Item 6.
- The meeting reviewed and updated the responsibilities and duties of the MID RMA as well as the guiding principles addressing the scope, administrative arrangement and management of the MID RMA at **Appendices 6B** and **6C** to the report on Agenda Item 6, respectively.
- Based on the above, the meeting agreed that the MID RMA Board/3 meeting is to be held at a date to be coordinated with the ICAO MID Regional Office during the last quarter of 2006. as for the venue, many delegates were of the opinion that these meetings are to be hosted by the Participating States on rotation basis. The MID RMA Board Chairman would coordinate with the Board Members and ICAO MID Regional Office the venue of the MID RMA Board/3 meeting.
- 6.4 The meeting agreed on the provisional agenda for the MID RMA Board/3 meeting as at **Appendix 6D** to the report on Agenda Item 6.

## MID RMA Board/2 Appendix 6A to the Report on Agenda Item 6

# MIDDLE EAST REGIONAL MONITORING AGENCY (MID RMA) BOARD TERMS OF REFERENCE

The Terms of Reference of the MID RMA Board are as follows:

- The Board will be responsible for overall supervision, direction, and management of the MID RMA project.
- 2. The Board will elect a Chairperson.
- 3. The elected Chairperson will be the contact point/coordinator on behalf of the MID RMA Board members to oversee the MID RMA project in coordination with ICAO.
- 4. The Board will review and update the MID RMA work plan on a yearly basis and/or whenever required.
- 5. The Board will meet at least once a year or when deemed necessary to review/update, consider, and approve:
  - i. the MID RMA safety reports;
  - ii. matters related to funding mechanism, costs, accounting, etc; and
  - iii. the duties, responsibilities and scope of the MID RMA.
- 6. The Board through its Chairperson will report its activity to MIDANPIRG through the ATM/SAR/AIS Sub Group.

#### Composition:

The MID RMA Board will consist of focal points nominated by each Participating MID Region State as signatories on their behalf with ICAO Technical Cooperation Bureau (TCB) in relation with the MID RMA project.

The MID RMA Board meetings will be attended by:

- The Board members
- ICAO Regional Office, as permanent observer; and
- Other Organizations (EUROCONTROL, FAA, IATA, etc) as observes on ad-hoc basis and as required.

## MID RMA Board/2 Appendix 6B to the Report on Agenda Item 6

#### **DUTIES AND RESPONSIBILITIES OF THE MID RMA**

The Middle East Regional Monitoring Agency (MID RMA) for RVSM and RNP implementation has the following duties and responsibilities:

- to establish and maintain a central registry of State RVSM approvals of operators and aircraft using the Middle East Region airspace where RVSM is applied;
- b) to facilitate the transfer of approval data to and from other RVSM regional monitoring agencies;
- c) to establish and maintain a data base containing the results of height-keeping performance monitoring and all altitude deviations of 300 ft or more within Middle East Region airspace, and to include in the database the results of MID RMA requests to operators and States for information explaining the causes of observed large height deviations;
- d) provide timely information on changes of monitoring status of aircraft type classifications to State authorities and operators;
- to assume overall responsibility for assessing compliance of operators and aircraft with RVSM height-keeping performance requirements in conjunction with RVSM introduction in the Middle East Region;
- to provide the means for identifying non-RVSM approved operators using Middle East airspace where RVSM is applied; and notifying the appropriate State approval authority; and
- to conduct readiness assessments and safety assessments as an aid for the Middle East RVSM Task Force for decision making in preparation for RVSM implementation in those FIRs where RVSM is not yet implemented;
- h) to carry out post-implementation safety assessments with a view to verify that the defined safety level continues to be met;
- to establish and maintain a database containing the results of navigation error monitoring;
- to prepare, each year a report setting out the results of navigation error monitoring for the preceding six-month period. This report shall be presented to the ICAO Middle East Regional Office, Cairo, and States as part of their decision process related to safety management;
- to conduct safety assessments in conjunction with expansion or changes to the RNP route structure within the Middle East Region;
- to assist States in carrying out safety assessments in relation to requirements identified within the framework of safety management programmes likely to have an impact on the safety of air navigation at a sub-regional level; and
- m) to liaise with other Regional Monitoring Agencies and organizations to harmonise implementation strategies.

Note: The MID RMA will be guided by the working principles indicated in the RMA Manual available on the ICAO website.

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#### AGREED PRINCIPLES FOR THE ESTABLISHMENT OF THE MID RMA

The agreed principles for the establishment of the MID RMA are as follows:

#### 1. SCOPE OF RMA

That the scope of the RMA will be:

- a) RVSM Post-implementation safety assessment
- b) RNP/RNAV
  - B-RNAV
  - T-RNAV
- c) Safety Management Systems (SMS)
- d) Readiness and safety assessment work in preparation for RVSM implementation in those FIRs where RVSM is not yet implemented.

#### 2. MANAGEMENT OF RMA

That the MID RMA will be an autonomous body managed by a board comprised of one member of each of the Participating States and will report its activity to MIDANPIRG through the ATM/SAR/AIS Sub Group.

#### 3. HOSTING OF THE MID RMA

The MID RMA will be hosted by Bahrain.

## MID RMA Board/2 Appendix 6D to the Report on Agenda Item 6

# THIRD MEETING OF THE MIDDLE EAST REGIONAL MONITORING AGENCY BOARD (MID RMA BOARD/3)

#### PROVISIONAL AGENDA

Agenda Item 1: Adoption of the provisional agenda.

Agenda Item 2: Review and follow-up of MID RMA Board/2 meeting Conclusions and

Decisions.

Agenda Item 3: Progress report on the MID RMA Project

outstanding issues pertaining to the MID RMA Project (payment of

contributions, logistic and administrative issues, etc); accounting activities (presentation of bills by Bahrain);

Review and update of the funding mechanism; and

Agenda Item 4: Technical issues related to MID RMA operations

height monitoring;

safety assessment; and

- coordination between the MID RMA staff, MID States, Eurocontrol,

FAA and IATA.

Agenda Item 5: Review and update of the Action Plan/Timelines.

Agenda Item 6: Future Work Programme.

Agenda Item 7: Any other business.

#### MID RMA Board/2 Report on Agenda Item 7

#### REPORT ON AGENDA ITEM 7: ANY OTHER BUSINESS

- 7.1 Under this agenda item, the meeting was briefed about the DGCA Conference which will be held in Montreal, 20-22 March 2006 and the main subjects to be addressed by this Conference, particularly the issue of transparency/sharing of safety information and SMS addressed under WP/5 and WP/6. In this regard, States were urged to inform as soon as possible the ICAO MID Regional Office of the option they prefer regarding the posting of the USAOP audits reports on the website, as indicated in the "Release Consent Form". States were also informed that a training course related to the implementation of SMS is scheduled for the first quarter of 2007 in the MID Region. Accordingly, they were invited to nominate participants who will be involved in the implementation of SMS to attend this training course.
- 7.2 On the subject of SMS, IATA informed the meeting that they are working on the issue with the airlines and that represents a part of the IATA Operational Safety Audit (IOSA) requirements.
- 7.3 The meeting noted with appreciation all the efforts put into the subject of SMS and recognized that this will improve the safety of air navigation in the region.
- 7.4 Attention of the meeting was also brought to the ALLPIRG/5 meeting which will be held in Montreal, 23-24 March 2006. The meting was informed that the development of a global mechanism for the funding of the Regional Monitoring Agencies will be one of the main issues to be addressed by the ALLPIRG/5 meeting in addition to the new amendment of the Global Air Navigation Plan for CNS/ATM Systems.
- 7.5 For further details on the DGCA Conference and ALLPIRG/5 meeting, States were invited to visit the ICAO website at: <a href="https://www.icao.int">www.icao.int</a>.
- 7.6 The issue of uncoordinated flights over the Red Sea Area and more generally, the issue of Civil/Military coordination were also raised. It was suggested in this regard that a meeting be hosted by one of the concerned MID States to tackle this issue with the involvement of all concerned parties.

## MID RMA Board/2 Attachment A to the Report

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Mr. Fareed Al- Alawi	Head, AIS & Air Space Planning – CAA MIDRMA Manager								
Mr. Fathi Al-Thawadi	MIDRMA Database Specialist								
Mr. Jassim Al-Aseeri	Assistant MIDRMA Officer								
Mr. A. Latif Bucheeri	ATC Supervisor – CAA								
Mr. A. Ghani Madan	Air Traffic Controller – CAA								
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## A-3

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