



INTERNATIONAL CIVIL AVIATION ORGANIZATION

MIDDLE EAST OFFICE

MIDDLE EAST REGIONAL RUNWAY SAFETY SEMINAR (MID-RRSS) (AMMAN, JORDAN, 14- 16 MAY 2012)

SUMMARY OF DISCUSSION

1. INTRODUCTION

1.1 Runway-related accidents and serious incidents continue to be a primary safety concern. In May 2011, ICAO organized a Global Runway Safety Symposium (GRSS) in Montreal for regulators, air navigation service providers, aircraft and airport operators, as well as design and manufacturing organizations. This is to raise awareness and generate effective solutions using collective expertise and knowledge. Delivering Regional Runway Safety Seminars is one of the GRSS outcomes.

1.2 The Middle East Regional Runway Safety Seminar (MID-RRSS) was held at the Intercontinental Hotel in Amman, Jordan from 14 to 16 May 2012. The Seminar was hosted by IATA and attended by a total of eighty seven (87) participants from ten (10) States (Bahrain, Egypt, Iran, Jordan, Morocco, Oman, Qatar, Saudi Arabia, Sudan, and United Arab Emirates) and five (5) Organizations (ACI, CANSO, IATA, FAA, and IFALPA). The list of participants is at **Attachment A** to this Summary of Discussion.

1.3 This Seminar is a joint ICAO/IATA event that focuses on runway incursion and excursion hazards, establishment of Runway Safety Teams (RST), mitigation options, and the way forward to enhance Runway Safety. The Seminar also addresses MIDANPIRG/12 meeting that was hosted by Jordan in Amman from 17-21 October 2010, Conclusion 12/7 that called on ICAO to consider organizing a Seminar/Workshop on Runway Safety with a focus on runway excursion prevention measures.

1.4 The Seminar was conducted with an objective to develop an action plan to create Runway Safety Teams (RST's) and provide support to those already in place. Progress will be monitored with updates provided to all partners through RASG-MID and other appropriate means. Reduction of risks will be monitored on regular basis with follow-up actions taken as required.

1.5 Mr. Adel Ramlawi, RO/AGA was the ICAO MID focal point and facilitator supported by Captain Peter Budd, Standards and Procedures Officer, ICAO Headquarters, and Ms. Ruby Sayyed, Assistant Director, SO&I, IATA MENA Region. Captain Budd acted as the workshop/airport visit facilitator supported by Mr. Edwin Jarvis from FAA, Baghdad and Mr. Ramlawi, RO/AGA.

2. DISCUSSION

2.1 Mr. Mohamed Khonji, Regional Director, ICAO MID Regional Office, opened the Seminar in presence of Dr. Majdi Sabri, IATA Vice President for Middle East and North Africa and Mr. Kield Binger, Chief Executive Officer, Airport International Group (AIG) in Amman, Jordan.

2.2 The Seminar included two days presentations on (14-15 May) and a workshop plus a visit to Queen Alia Airport on the third day (16 May). The Seminar presentations were divided on eight sessions over two days where the first four sessions addressed Challenges on the first day and the other four sessions addressed Solutions and the way forward on the second day.

2.3 The speakers delivered a number of presentations according to the seminar programme which was published on ICAO Runway Safety webpage and attached as **Attachment B** to this Summary of Discussion. The speakers represented airline operators, airport operators and air navigation service providers as well as international organizations and aircraft manufacturers.

2.4 The first day presentations highlighted the need for collaborative approach, regional issues, and provided an overview on runway incursion/excursion from the perspectives of pilot, airport operator and air traffic controller. Last session identified regional issues.

2.5 The second day presentations, addressed examples for taking a collaborative approach, establishing RST, and identified mitigation options. The second day ended with a Panel Discussion involving interviewees from RASG-MID, ICAO, IATA, ACI, and CANSO.

2.6 The participants were apprised of ICAO initiatives on runway safety and commitment from international organizations to work together to promote proven solutions and endorse best practices.

2.7 The third day included a workshop and a visit to QAIA airport. The workshop was a classroom activity for six (6) groups of participants with each group has representation from each major discipline. It has provided practical experience in establishing a runway safety team. The airport visit was a good practise in identifying hazards on the airside of an airport.

2.8 Participants suggested that ICAO should provide additional workshops on the establishment and running of Runway Safety Teams (RSTs). Other suggestions included: adding RST availability to USOAP Protocol Questions, issuance of guidance materials by ICAO for RST establishment and action plans, and consideration of adding RST as part of SARP's.

2.9 At the closing session, there were raffle prizes sponsored by Royal Jordanian, Qatar Airways, and Etihad airways for air tickets, simulator sessions, and aircraft models. Mr. Adel Ramlawi, on behalf of Mr. M. Khonji, Regional Director, ICAO MID Regional Office, thanked the participants and their States/Organizations for making the seminar successful.

3. OUTCOMES

3.1 The participants agreed to create a Runway Safety Group under the umbrella of RASG-MID.

3.2 Participants agreed that MID States should develop action plans to establish RST's. These RSTs should be hosted by airports and include, as a minimum: representation from air operators and air traffic control.

3.3 The Seminar highlighted the availability of ICAO Runway Safety Website and the establishment of Runway Safety Team Portal for use by RSTs.

3.4 MID States shared their experience Runway safety hazard identifications and mitigation options.

4. RECOMMENDATIONS

4.1 The MID-RRSS outcomes is to be presented to the RASG Steering Committee (RSC) Meeting, Cairo 18-20 June 2012, for further action and to monitor progress on RST establishment and provide support to those already in place.

4.2 Creation of a Runway Safety Group to be organized under RASG-MID umbrella.

4.3 Establishment of Runway Safety Teams (RSTs) in the MID Region and support to those already in place.

4.4 Creation of RST Go Teams, under ICAO leadership and the participation of ICAO's Runway Safety Partners to assist States with the creation of RSTs.

4.5 RASG-MID is to assure monitoring reduction of risks on a regular basis support, monitor, follow-up and report on the implementation status, and regional and local actions performed to reduce the associated risks as required.

4.6 Organization of the second MID Runway Safety Seminar/Workshop in 2013 and urge MID States to host it.

5. CONCLUSION

5.1 The Seminar was considered to be of high interest and interaction from participants who appreciated the material delivered by speakers. The participants also appreciated the efforts of the ICAO MID Region Office and IATA MENA Region to organize the Seminar. The Seminar was successful in all intended respects, particularly in identifying the RST requirements, challenges and measures to be considered through the examples and demonstration from different point of views.



Regional Runway Safety Seminar Middle East (MID)

14-16 May 2012

Intercontinental Hotel
Amman, Jordan

Attachment A

ICAO MID Regional Runway Safety Seminar

14 - 16 May 2012

Amman- Jordan

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Attachment B

Programme Overview

Day 1. CHALLENGES (14 May)

- Session 1: Opening and Overview
- Session 2: Incursions - Issues from different perspectives
- **Lunch sponsored by Airports International Group**
- Session 3: Excursions - Issues from different perspectives
- Session 4: Regional Examples

Day 2. SOLUTIONS (15 May)

- Session 5: Taking a collaborative approach
- Session 6: Making a Runway Safety Team work
- Session 7: Mitigating Options
- Session 8: The way forward

Day 3. PUTTING IT INTO PRACTICE (16 May)

- Workshop: Working as a Runway Safety Team - A Practical Approach



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Agenda

DAY 1, 14 May, 2012

Session 1 - Opening and Overview

Master of Ceremonies: Ms. Ruby Sayyed, Assistant Director, SO&I, International Airline Transport Association - MENA

9:35– 9:55	Welcome and Opening Statements	Mr. Mohamed Khonji, Regional Director, ICAO MID Regional Office Dr. Majdi Sabri, IATA Regional Vice President Mr. Kjeld Binger, Chief Executive Officer, Airport International Group
9:55 – 10:10	The Big Picture	Mr. Mohamed Khonji, Regional Director, ICAO MID Regional Office
10:10 – 10:30	The Need for a Collaborative Approach	Mr. Achim Baumann, Regional Director, SO&I, International Airline Transport Association - MENA
10:30 – 11:00	Break	

Session 2 – Incursions: Issues from different perspectives

Moderator: Eng. Fatima Abdullatif, Director, Aerodrome Safety and Standards Directorate, Sudan Civil Aviation Authority

11:00 – 11:20	The pilot's and airline operator's perspective on runway incursion hazards.	Capt. Adnan Takrouri, Head of Flight Operations, Royal Jordanian Airlines
11:20 – 11:40	The airport operator's perspective on runway incursion hazards.	Mr. Henning Georg Pfisterer Manager, Emergency and Safety Department, Doha International Airport
11:40 – 12:00	The air traffic controller's perspective on runway incursion hazards.	Mr. Ziad Eid Al Shadifat, Director Air Navigation Safety & Standard, Civil Aviation Regulatory Commission
12:00- 12:15	Panel interview: How can RSTs address runway incursions? · Questions taken from audience	Capt. Adnan Takrouri Mr. Henning Georg Pfisterer Mr. Ziad Eid Al Shadifat
12:15 – 13:45	Lunch sponsored by Airport International Group	



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Session 3 – Excursions: Issues from different perspectives

Moderator: Mr. Adel Ramlawi, Regional Officer, Aerodromes and Ground Aids, ICAO MID Office

13:45 – 14:05	The pilot's and airline operator's perspective on runway excursion hazards.	Capt. Khalid Al Ibrahim, Deputy Chief Pilot Fleets, Qatar Airways
14:05 – 14:25	The airport operator's perspective on runway excursion hazards.	Mr. Awad Khir Elden, Technical Bureau of Ops Sector – Cairo International Airport
14:25 – 14:45	The air traffic controller's perspective on runway excursion hazards.	Mr. Ibrahim Al Makran, Director of Safety & Quality Assurance, Air Navigation Services, General Authority of Civil Aviation - Saudi Arabia
14:45 – 15:00	Panel interview: How can RSTs address runway excursions? · Questions taken from audience	Capt. Khalid Al Ibrahim Mr. Awad Khir Elden Mr. Ibrahim Al Makran
15:00 – 15:30	Break	

Session 4 – Other regional runway safety issues

Moderator: Capt. Adnan Takrouri, Head of Flight Operations, Royal Jordanian Airlines

15:30 – 15:50	Lessons learned in the Middle East	Capt. Richard Hill, Chief Operations Officer, Etihad Airways
15:50 – 16:10	The role of the RST in emergency response	Eng. Saleh Alamoush, Director Airports Safety and Standards, Civil Aviation Regulatory Commission
16:10 – 16:30	Issues for general aviation and business jets	Capt. Peter Budd, Standards and Procedures Officer, ICAO Headquarters



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DAY 2

Session 5 – Taking a collaborative approach – an example

Moderator: Eng. SalehAlamouh, Director Airports Safety and Standards, Civil Aviation Regulatory Commission

9:00 – 9:10	Scenario on airport works	Moderator
9:10 – 9:20	Pilot considerations and pilot solutions	Capt. Richard Hill, Chief Operations Officer, Etihad Airways
9:20 – 09:30	Airport considerations and airport solutions	Dr. Daniel Koesters, Director, Airside Operations Improvement, King Abdulaziz International Airport, Jeddah
09:30 – 09:40	ATC considerations and ATC solutions	Mr. Mohamed Abbas Soliman, Vice President, Egyptian Civil Aviation Authority
09:40 – 10:00	Moderator facilitated panel discussion: <ul style="list-style-type: none"> · Identification of solutions taking all perspectives into consideration · Compare with single-domain solutions · Questions from audience 	
10:00 – 10:30	Break	

Session 6 – Making an RST work

Moderator: Ms. Ruby Sayyed, Assistant Director, SO&I, International Airline Transport Association- MENA

10:30 – 10:50	RSTs described	Mr. Adel Ramlawi, Technical Officer, ICAO MID Regional Office
10:50 – 11:10	The Role of the Regulator	Mr. Mohammad Al Dossari, Acting Director Air Navigation and Aerodromes Department, Aviation Safety Affairs Sector, General Authority of Civil Aviation - UAE
11:10 – 11:30	RST Processes	Capt. Peter Budd, Standards and Procedures Officer, ICAO Headquarters
11:30 – 12:00	Question and Answer period	
12:00 - 13:30	Lunch	



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Session 7 –Mitigation Options

Moderator: Capt. Peter Budd, Standards and Procedures Officer, ICAO Headquarters

13:30 – 14:00	Available technologies	Mr. Michael F Coker, AIA - Boeing and Mr. Armand Jacob, ADS - Airbus
14:00 – 14:20	Pilot-oriented procedures and training	Capt. AataaGuedira, Vice Chairman of the IFALPA Aerodrome Ground Environment (AGE) Committee
14:20 – 14:40	Airport-oriented procedures and training	Mr.Kaled Al Sultan, Director Safety & Quality Assurance, King Khaled International Airport
14:40 – 15:00	ATC-oriented procedures and training	Mr. Fareed Al Alawi, Bahrain Civil Aviation Authority
15:00 – 15:30	Break	

Session 8 – The Way Forward

Moderator: Capt. Sameh Al Hefney, Chairman and CEO, Egyptian Aviation Academy

15:30 – 16:25	Panel discussion - Mr. Al Hefney will facilitate a panel discussion to coordinate a regional action plan: <ul style="list-style-type: none"> · Identification of RST volunteers · Methods of regional support · State participation · Methods of measuring progress 	Interviewees: Mr. Mohamed Khonji, Regional Director, ICAO MID Regional Office Mr. Achim Baumann Regional Director SO&I, International Airline Transport Association Mr.KhaledArabiyat, Civil Air Navigation Services Organization, Middle East
16:25 – 16:30	Completion of seminar format Lead into Workshop format on Day 3.	Ms. Ruby Sayyed, Assistant Director, SO&I, International Airline Transport Association - MENA
16:30 – 16:40	Closing of seminar	Mr. Achim Baumann



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DAY 3

Workshop – Working as a Runway Safety Team - A Practical Approach

Facilitator: Capt. Peter Budd, Standards and Procedures Officer, ICAO Headquarters

9:00 – 9:30	Overview
9:30- 12:00	Workshop Exercise
12:00-12:10	Closing of Workshop
12:10-13:30	Break
13:30-16:00	Transport and visit to Queen Alia International Airport
16:00-15:00	Transport back to Intercontinental Hotel

-END-