



## INTERNATIONAL CIVIL AVIATION ORGANIZATION

### MIDDLE EAST OFFICE

#### JOINT ACAO- ICAO AIRPORT COLLABORATIVE DECISION MAKING (A-CDM) WORKSHOP

*(Cairo, Egypt, 20 - 22 October 2019)*

#### SUMMARY OF DISCUSSION

### I. GENERAL

#### 1.1 Place and Duration

1.1.1 The Joint ACAO-ICAO Airport Collaborative Decision Making (A-CDM) Workshop was successfully held at the ICAO MID Office, Cairo, Egypt, from 20 to 22 October 2019. The Workshop was jointly organized by ACAO and ICAO MID Regional Office and supported by EUROCONTROL and CANSO.

#### 1.2 Opening

1.2.1 The Workshop was opened by Mr. Mohamed Rahma, ICAO Regional Director, Middle East Office, who extended a warm welcome to all participants and wished them a successful Workshop.

1.2.2 On behalf of the Director General of Arab Civil Aviation Organization (ACAO), Mr. Mohamed Rejeb reiterated the valuable collaboration between ACAO and ICAO MID Office and welcomed all participants and wished them a fruitful Workshop.

#### 1.3 Attendance

1.3.1 The Workshop was attended by a total of seventy-eight (78) participants from seven (7) States (Egypt, Iraq, Libya, Saudi Arabia, Sudan, Tunisia and Yemen) and four (4) Organizations/Industries (ACAO, CANSO, EUROCONTROL and IFATCA). The list of participants is at **Attachment A**.

#### 1.4 Agenda

1.4.1 The agenda was developed around the main following topics:

- a) Introduction to Airport CDM
- b) Airport CDM Concept Elements
- c) Partners involved in Airport CDM implementation
- d) ATCOs contribution in Airport CDM implementation

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- e) Aircraft Operators involvement in Airport CDM
- f) Airport Operators role in Airport CDM
- g) State/Airport Experience on ACDM
- h) The support of Ground Handlers in Airport CDM
- i) The role of Pilots in Airport CDM
- j) Integration of ACDM with ATFM

1.4.2 The Work Programme and the presentations delivered during the Workshop are available at the ICAO MID Regional Office website: <https://www.icao.int/MID/Pages/2019/ACDM.aspx>.

## 1.5 Objective

1.5.1 The main objective of the Workshop was to assist MID States with the implementation of the A-CDM.

1.5.2 The Workshop provided an opportunity to:

- present the A-CDM concept and highlight the need to implement ASBU module ACDM B0/1 and ACDM B/2 of the MID Air Navigation Strategy;
- review the A-CDM implementation requirements and challenges; and
- share experience/best practices techniques for A-CDM implementation.

## II. SUMMARY AND OUTCOME OF DISCUSSIONS

2.1 The Workshop re-iterated that:

- implementation of A-CDM will enhance the efficiency and safety of Ground Operations by making airspace users, ATC and airport operators better aware of their respective situation and actions on a given flight; and
- the A-CDM aims at improving the predictability of events, reducing delays, and optimizing the utilization of airport resources.

2.2 The Workshop provided an opportunity to:

- present the A-CDM concept Elements and highlight the need to implement ASBU Elements ACDM-B0/1 and ACDM-B0/2;
- review the A-CDM implementation requirements and challenges; and
- share experience/best practices techniques for A-CDM implementation.

2.3 During the workshop, it has been highlighted that the major challenges of the ACDM implementation are:

- cost-benefit analysis;
- define Scope and Objectives for ACDM Implementation;
- information sharing and reporting culture; and
- create a collaborative environment between industry partners for implementation.

2.4 Based on the above, the Workshop developed the following recommendations:

- high level commitment and collaboration from all parties are essential for A-CDM implementation;

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- States to familiarize Airports staff on ACDM Implementation;
- define ACDM focal points at State and Airports level to foster the implementation of A-CDM at the airports identified by the MID Air Navigation Strategy and request assistance from ICAO MID Regional Office, if needed;
- terminal congestion, particularly in adverse conditions, should be considered as part of the A-CDM; and
- roles and responsibilities of regulators, aerodromes, air operators, ground handlers and ATM should be clearly defined for A-CDM implementation.

**III. CLOSING**

3.1 In closing, Mr. Mohamed Smaoui, ICAO Deputy Director, thanked the participants for their presence and expressed his gratitude to ACAO, CANSO and EUROCONTROL for their support and contribution to the Workshop.

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## LIST OF PARTICIPANTS

NAME	TITLE & ADDRESS
<b>STATES</b>	
<b>EGYPT</b> Mr. Ahmed Mostafa Mohamed Arman	Senior CNS Inspector Egyptian Civil Aviation Authority Cairo-EGYPT
Mr. Amro Ibrahim Abdel Latif	Air Traffic Controller Cairo Air Navigation Center Cairo-EGYPT
Eng. Angie Ahmed Abdalla Mostafa	Head of Aerodromes Safety and Standards Administration Egyptian Civil Aviation Authority Cairo - EGYPT
Eng. Basma Refat Abd El-Hamed	Compliance & Safety General Manager Egyptian Airports Company Hurghada Airport EGYPT
Mr. Essam Saeid Mohamed Hassan	General Director Flow Control and Crises Department Ministry of Civil Aviation Cairo-EGYPT
Mr. Hossam El Din Mounir Hussein Soliman	Air Traffic Controller NANSC Ministry of Civil Aviation Cairo-EGYPT
Mr. Isaac Asaad Isaac Bakeet	Air Traffic Controller NANSC Ministry of Civil Aviation Cairo-EGYPT
Pilot Khaled Abd El-Salam Abdo	Head of Compliance and Safety Sector Egyptian Airports Company Cairo-EGYPT
Mr. Khaled Abdel Baki Ibrahim	Air Traffic Controller Ministry of Civil Aviation Cairo-EGYPT

NAME	TITLE & ADDRESS
Eng. Mahmoud Assem Abd El Moniem	Head of Certification Section Egyptian Airports Company Sharm El Sheikh EGYPT
Eng. Mahmoud Mohamed Bendary	SSH Aviation Safety Manager Egyptian Airports Company Cairo-EGYPT
Gen. Mahmoud Mohamed Hassan Turkey	Major General Ministry of Defence Cairo-EGYPT
Col. Mahmoud Saleh Mosa El Faham	Colonel Ministry of Defence Cairo-EGYPT
Mr. Mohamed Abdel Fattah Mohamed Mostafa	Air Traffic Controller NANSC Ministry of Civil Aviation Cairo-EGYPT
Mr. Mohamed Abdel Hamid Abou El Hana	Supervisor of ATC in ACC Air Traffic Flow & Organization Manager Ministry of Civil Aviation Cairo-EGYPT
Mr. Mohamed Abdel Monem Amin	ANS/ATM Inspector (ECAA) Ministry of Civil Aviation Cairo-EGYPT
Dr. Eng. Mohamed Abdelhakim GALAL	Head of Compliance and Safety Sector Egyptian Airport Company (EAC) Ministry of Civil Aviation Complex Cairo International Airport Road Cairo - EGYPT
Mr. Mohamed Abdel-Haleem Fath Allah Aly	Safety Specialist Borg El Arab International Airport Cairo-EGYPT
Mr. Mohamed Ahmed Sherif	Terminal Supervisor Sharm El Sheikh Airport Sharm El Sheikh - EGYPT

NAME	TITLE & ADDRESS
Chem. Mohamed Ibrahim Atef El-Hefnawy	Aviation Safety Specialist Egyptian Airports Company Hurghada Airport EGYPT
Mrs. Nour El-Hoda Mahmoud M. Fahmy	Aerodrome Inspection Department Ministry of Civil Aviation Egyptian Civil Aviation Authority Cairo - EGYPT
L. Col. Shaaban Ahmed Shaaban Shehata	Lieutenant Colonel Ministry of Defence Cairo-EGYPT
Mr. Tamer Mohamed Ismail	Air Safety Manager – Cairo Tower and Approach National Air Navigation Services Company (NANSC) Cairo Airport Road Cairo-EGYPT
Mr. Tamer Salah Geissa	Safety General Manager Borg El Arab International Airport Cairo-EGYPT
Mr. Tarek Abdel Kader Ali Harfoush	Air Traffic Controller NANSC Cairo-EGYPT
Avi. L. Col. Staff Tarek Hussien Mohamed	Aviation Lieutenant Colonel Staff Ministry of Defence Cairo-EGYPT
Mr. Tayseer Mohamed Abdel Kareem	ATS General Manager Ministry of Civil Aviation Cairo-EGYPT
B. Gen. Ibrahim El Sayed Ibrahim	Bev. General Ministry of Defence Cairo-EGYPT
Mr. Mahmoud Hosny Shaheen	Terminal Supervisor Sharm El Sheikh Airport Sharm El Sheikh-EGYPT
Mr. Ahmed Ragab Ibrahim	Terminal and Landside Supervisor
Mr. Ibrahim Ahmed Ibrahim Eldessouki	Airport Certification General Manager Sharm El Sheikh Airport Sharm El Sheikh-EGYPT

NAME	TITLE & ADDRESS
Mr. Maged Abdelaal Nagy	Manager of Apron Control Tower Terminal Two2 Cairo-EGYPT
Mr. Hany Abdel Hady Hassan	Assistant of Executive Manager Terminal 3 Cairo-EGYPT
Mr. Mohamed Mamdouh Amer	Deputy Executive Manager Terminal 2 Cairo-EGYPT
Mr. Ashraf Mahmoud Hany	Terminal Operation Control Center Manager Cairo Airport Company Cairo-EGYPT
Mr. Mohamed Anwar Mohamed Eid	Loading Follow-up Department Manager EGYPTAIR Company Cairo-EGYPT
Mr. Mohamed Maher Mohamed	Chief Traffic Officer EGYPTAIR Company Cairo-EGYPT
Mr. Amr Mostafa Mohamad Awad	General Manager EGYPTAIR Company Cairo-EGYPT
Mr. Mahmoud Helmy Taha	Station Manager Cairo Airport Company Cairo-EGYPT
Mr. Hussein Mahmoud Abdel Maksoud	Station Manager EGYPTAIR Company Cairo-EGYPT
Mr. Ahmed Ibrahim Dahy	Chief of Traffic Officer EGYPTAIR Company Cairo-EGYPT
Mr. Nabil Fawzy Ibrahim	Station Manager EGYPTAIR Company Cairo-EGYPT
Mr. Ashraf Mohamed Ragaay	Baggage Service Manager EGYPTAIR Company Cairo-EGYPT
Mr. Mohamed Ezzat	General Manager EgyptAir Cairo-EGYPT
Mr. Amin Afifi	Customer Service Assistant General Manager Terminal 3 Cairo Airport Company Cairo-EGYPT
Brig. Gen. Ibrahim Elsayed Ibrahim	Air Force Cairo-EGYPT

NAME	TITLE & ADDRESS
Mr. Ahmed Arafa Abdl Glaziz	Airport Standard Director Cairo Airport Company Cairo-EGYPT
Mrs. Ghada Mohamed Salah Ahmed	Air Traffic Controller Cairo-EGYPT
Mr. Wael Ekram	Departure Control System Manager Terminal 3 EGYPTAIR Company Cairo-EGYPT
Mr. Hassan Ahmed Elsayeh	General Manager Outstations Terminal 3 EGYPTAIR Company Cairo-EGYPT
Mr. Haytham Zaky	Navigation Department Manager EGYPTAIR Company Cairo-EGYPT
<b>IRAQ</b> Mr. Forat Fayyadh Faisal	Ground Operation Manager Iraqi Civil Aviation Authority Basrah International Airport Basrah - IRAQ
Mr. Hayder Hasan Abdulkadhim	Ground Operation Manager Iraqi Civil Aviation Authority Baghdad International Airport Baghdad - IRAQ
<b>LIBYA</b> Mr. Ezedean Burawi Maruwan	Airport Inspector Civil Aviation Authority Tripoli - LIBYA
Mr. Omar Elmukhtar Tailamoun	Aerodrome Inspector Civil Aviation Authority Tripoli - LIBYA
<b>SAUDI ARABIA</b> Mr. Bandar K. Sayyad	Aerodrome Certification Manager General Authority of Civil Aviation P.O.Box 4736 Riyadh 11552 - KINGDOM OF SAUDI ARABIA
Mr. Hatem Bati Alamri	PMIA Chief of ATSU Saudi Air Navigation Services Jeddah, Alsafa, 8021 KINGDOM OF SAUDI ARABIA

NAME	TITLE & ADDRESS
Mr. Ibrahim Mohammed Alnashri	Operation Specialist Saudi Air Navigation Services Jeddah, Alsafa, 8021 KINGDOM OF SAUDI ARABIA
Mr. Khalid Ali Saifi	Chief of Training Saudi Air Navigation Services Jeddah, Alsafa, 8021 KINGDOM OF SAUDI ARABIA
Mr. Majdi Al Amri	General Manager of Aerodrome Standards General Authority of Civil Aviation P.O.Box 4736 Riyadh 11552 - KINGDOM OF SAUDI ARABIA
Mr. Ttal Y. Jamjoom	Aerodrome Safety Inspector General Authority of Civil Aviation P.O.Box 4736 Riyadh 11552 - KINGDOM OF SAUDI ARABIA
Mr. Waleed Omar Aldhirgham	Operation Specialist Saudi Air Navigation Services Jeddah, Alsafa, 8021 KINGDOM OF SAUDI ARABIA
<b>SUDAN</b> Mr. Omer Abdelwahab Hassan	Aerodrome Safety Inspector Sudan Civil Aviation Authority P.O.Box 165 Civil Aviation Authority Sudan Khartoum - SUDAN
<b>TUNIS</b> Mrs. Bouazizi Malek	Air Traffic Controller Tunisian Civil Aviation TUNIS
Mrs. Ghada Dkhili	Air Traffic Planning Service Manager/Air Navigation Directorate ANSP Tunisian Civil Aviation TUNIS
Mrs. Mihoubi Dhekra	Safety Manager Tunisian Civil Aviation TUNIS

NAME	TITLE & ADDRESS
<b>YEMEN</b> Mr. Nuwaija Saad Nuwaija	Director General Alghaida International Airport Civil Aviation and Meteorology Authority P.O. Box 2900 Sana'a - YEMEN
<b>ORGANIZATIONS/INDUSTRIES</b>	
<b>ACAO</b> Mr. Mohamed Rejeb	Air Navigation & Air Safety Expert Arab Civil Aviation Organization Rabat Souissi, MOROCCO
<b>CANSO</b> Eng. Adel H. Al-Aufi	International Cooperation Manager Saudi Air Navigation Services P.O.Box 15441 Jeddah 21444 - SAUDI ARABIA
Mr. Shayne Campbell	CANSO Safety Programme Manager Netherlands/CANSO The NETHERLANDS
<b>EUROCONTROL</b> Mr. David Phythian	Senior Expert NMD-NOM-APT EUROCONTROL
<b>IFATCA</b> Mr. Ait Abdelmalek Djamel	ATC Supervisor- IFATCA MENA DEP Representative IFATCA-AFM RSG Member ALGERIE
Mr. Boutaoua Abderahmane	Chief of ANSP Managers Airport IFATCA ALGERIE
Mr. Haitham Bakr	Air Traffic Controller IFATCA Cairo-EGYPT
Mr. Hatem Gamel Ameen Feateh	Air Traffic Controller IFATCA Cairo-EGYPT

NAME	TITLE & ADDRESS
Mr. Mohamed Hassan El Din	Air Traffic Controller IFATCA Cairo-EGYPT
Mr. Mohamed Mostafa Agwa	Air Traffic Controller Senior ATCO IFATCA Cairo-EGYPT
Mr. Raouf Helmy Nashed Abdalla	Air Traffic Controller IFATCA Cairo-EGYPT
<b>ICAOMID HEADQUARTERS</b> Mr. Elie El Khoury	Technical Officer, Airspace Management and Optimization, ANB/AN/AMO International Civil Aviation Organization 999 Robert-Bourassa Boulevard, Montreal, QC H3C 5H7, Canada
<b>ICAOMID</b> Mr. Mohamed Iheb Hamdi	Regional Officer, Aerodromes and Ground Aids Middle East Regional Office Ministry of Civil Aviation Complex Airport Road Cairo – EGYPT

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