



## INTERNATIONAL CIVIL AVIATION ORGANIZATION

### MIDDLE EAST REGIONAL OFFICE

#### ICAO SEMINAR/WORKSHOP ON AERODROME OPERATIONAL PROCEDURES PANS-AERODROMES

(Cairo, Egypt, 08 - 09 November 2017)

#### SUMMARY OF DISCUSSIONS

#### I. GENERAL

##### 1.1 Place and Duration

1.1.1 The ICAO Seminar/Workshop on Aerodrome Operational Procedures PANS- Aerodromes was successfully held at the ICAO Middle East (MID) Regional Office (Cairo, Egypt, 08-09 November 2017).

##### 1.2 Opening

1.2.1 The Seminar/Workshop was opened by Mr. Mohamed Rahma, ICAO Regional Director, Cairo.

##### 1.3 Attendance

1.3.1 The Seminar/Workshop was attended by a total of forty-six (46) participants from six (6) States (Egypt, Iran, Lebanon, Saudi Arabia, Sudan and United Arab Emirates). The list of participants is at **Attachment A**.

1.3.2 Mr. Avner Shilo, Technical Officer, Airport Operations and Infrastructure, ICAO HQ was the facilitator of the Seminar/Workshop, assisted by Mrs. Nawal Abdel Hady, ICAO MID, AGA Consultant.

##### 1.4 Work Programme

1.4.1 The Work Programme was developed around the main following topics:

- General principles and procedures to be followed through all of the stages of certifying an aerodrome operator;

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- Methodologies and procedures to be followed when undertaking a safety assessment; and
- Methodology and procedures to assess the compatibility between aeroplane operations and aerodrome infrastructure.

1.4.2 The Work Programme and the presentations delivered during the Seminar/Workshop are available at the ICAO MID Regional Office website:  
<https://www.icao.int/MID/Pages/2017/PANS%20AD%20SeminarWksp.ASPX.aspx>

## 1.5 Objective

1.5.1 The main objective of the Seminar/Workshop was to promote the aerodrome operational procedures to be applied by Aerodrome Operators and Regulators to ensure aerodrome compatibilities, aerodrome operational safety and to improve overall system capacity and efficiency in a globally harmonized manner, particularly; where full compliance with the SARPS in Annex 14, Volume I, cannot be achieved.

1.5.2 The Seminar/Workshop provided an opportunity to:

- present the principles and detailed procedures for all stages of aerodrome certification;
- review methodologies for safety assessments and aerodrome compatibility studies; and
- share experience/best practices for aerodrome safety assessment process, case studies and challenges for effective implementation of certification of aerodromes and the PANS-Aerodromes.

## II. SUMMARY AND OUTCOME OF DISCUSSIONS

2.1 The Seminar/Workshop acknowledged and recommended that:

- High-level commitment and collaboration from all parties are essential for effective aerodrome certification, PANS-Aerodromes implementation and the promotion of safety management culture.
- It was considered that more joint State-Operator activities are needed to reinforce the regulator-operator communication in order to increase level of implementation of aerodrome certification and safety of aerodrome operations requirements.
- There is a need for ICAO guidelines on Certification of Civil/Military joint-use Aerodrome as well as guidance for continued oversight ARFF services provided independent for sustainability.
- Relation between full implementation of all phases of safety management system and certification of an aerodrome should be clearly identified.
- The need for an active Global Reporting Format (GRF) for reporting runway surface conditions for use by all concerned: Pilots, ANS, Airlines and aerodrome operator safety personnel.

- Safety assessment methodology in PANS- Aerodromes vs aeronautical studies as contained in Doc. 9774 and Annex 14 Vol. I provisions, need ICAO consideration for revision.
- It is important to consider operational/performance approach to the analysis when carrying out compatibility studies. There is a need for more guidance material on compatibility studies.
- Competencies of senior level management for aerodrome regulators and operators is one of the challenges facing speeding up certification of aerodromes.
- Information sharing and exchange of experience should be continued through workshops/trainings on aerodrome certification procedures, aerodrome safety assessment case studies and aerodrome compatibility studies.

### **III. CLOSING**

3.1 In closing, the ICAO AGA Expert thanked the participants for their presence and expressed her gratitude to Mr. Avner Shilo ICAO HQ, for the excellent technical support provided to the Seminar/Workshop.

3.2 The participants recognized the usefulness of the event and expressed their thanks to ICAO for organizing such a fruitful Seminar/Workshop.

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## LIST OF PARTICIPANTS

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<b>ICAO HEADQUARTERS</b> Mr. Avner Shilo	Technical Officer, Airport Operations and Infrastructure International Civil Aviation Organization Headquarters Montreal - CANADA

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