



International Civil Aviation Organization

Aviation Data and Analysis Seminar

(Tehran, Iran I.R., 20 – 23 February 2017)

SUMMARY OF DISCUSSIONS

1. INTRODUCTION

1.1 The Aviation Data and Analysis Seminar has been successfully held in Tehran, Islamic Republic of Iran, from 20 to 23 February 2017. 101 participants from 5 States (Algeria, India, Iran, Oman, and Turkey) were in attendance. The list of participants is attached.

1.2 The Seminar was gratefully hosted by the Civil Aviation Organization (CAO) of the I.R. of Iran. It was opened by H.E. Mr. Ali Abedzadeh, Vice Minister of Roads and Urban development, and President of the CAO, who welcomed the participants to Tehran and emphasized on the importance of data analysis for planning and decision-making processes in civil aviation. Mr. Mohamed Smaoui, Deputy Regional Director, ICAO MID Office, also provided an opening speech. He provided an overview of the global aviation context and the state of air transport in the MID Region with the statistics related to Revenue Passengers Kilometers (RPK), passengers traffic, seating capacity, air traffic volumes, etc. Mr. Smaoui highlighted also the objectives of the Seminar and concluded by providing an overview of the ICAO No Country Left Behind Initiative (NCLB).

1.3 The Seminar was moderated by Mr. Hassanali Shahbazilar, The Representative of Iran in ICAO HQ. Mr. Sainarayan, Ananthanarayan and Mr. Antonin Combes from the Air Transport Bureau, ICAO HQ were the facilitators of the Seminar, supported by Mr. Mohamed Smaoui from the ICAO MID Office.

1.4 The Programme of the Seminar is at **Appendix A**.

1.5 The main objective of the Seminar was to bring together all stakeholders to review the current situation and trends of aviation in the MID Region, including the synergies between aviation, tourism and trade; and the understanding of the challenges and needs of the different stakeholders, considering the cost effectiveness. The use of civil aviation data analysis for planning and decision making in ICAO, national administrations, airlines, airports and ANSPs were also addressed.

3. CONCLUSIONS AND RECOMMENDATIONS

3.1 ICAO to consider the establishment of additional indicators, which link the RPK to the GDP, population, etc.

3.2 ICAO to consider the alignment of the statistical Regions with the accreditation areas of the Regional Offices (i.e. for MID the statistical Region should include the 15 MID States).

3.3 States and ICAO should continue to cooperate closely to overcome the difficulties related to the low level of reporting statistic data to ICAO and use available technology to provide data from source in order to reduce administrative burden, improve the coverage and quality of reporting on ICAO Air Transport Reporting Forms.

3.4 ICAO is invited to update its statistics Manual to provide further guidance to States on collection and processing of statistical data from source, using current technologies.

3.5 ICAO is invited to provide an application allowing the quantification of the social and economic benefits from different aviation activities using the Aviation Satellite Account Methodological Framework being developed by the Secretariat so that it will facilitate financing and informed policy making by States leading to sustainable growth of air transport in the Region.

3.6 States are encouraged to make use of the ICAO tools available on the web (eTools, ICAO DATA+, etc) for their monitoring, benchmarking, verification and analytical activities.

3.7 ICAO is invited to provide advanced forecasting application, which can be used by States for their planning and implementation purposes.

3.8 The Seminar provided an opportunity to foster the dialogue between the different civil aviation stakeholders on many important subjects; and provided necessary background information and reference material. For more detailed analysis, States are encouraged to organize at National level workshops and training courses to address in more detail specific subjects of interest to regulators, airlines, airports and air navigation service providers.

3.9 ICAO is invited to develop more detailed guidance with case studies on the different airport and ANSP economic oversight models.

3.10 States are encouraged to establish a system for economic oversight over the airports operators and air navigation service providers, for an effective supervision of their commercial and operational practices/activities, in accordance with ICAO policies and guidance.

4. CLOSING

4.1 During the closing ceremony, the participants expressed their gratitude and appreciation to the Civil Aviation Organization of Iran for the warm welcome, the excellent arrangements made towards successful conduct of the Seminar and outstanding hospitality. Thanks were also conveyed to ICAO for the organisation of the Seminar, good preparation and coordination; and to the Moderator and Facilitators for their support and professionalism.

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PROVISIONAL PROGRAMME

Day 1 - Monday 20 February

0900–1000 Registration of delegates

1000–1030 **OPENING CEREMONY**

- Welcome address: Mr. Ali Abed Zadeh, Vice Minister of Roads and Urban Development and President of CAO
- Opening remarks: Mr. Smaoui, Deputy Regional Director, ICAO MID Office
- Group Photo

1030–1100 **Tea/Coffee Break**

1100–1230 **SESSION 1: SETTING THE SCENE**

Presenters: Mr. Sainarayan and Mr. Combes, ICAO

- Current situation and trends of aviation in the region:
- The critical synergies between aviation, tourism and trade: emerging issues (e-freight, RPAS)
- Presentation of the State of Air Transport in the Region in 2015 and preliminary results for 2016.

1230–1300 **Tea/Coffee Break**

1300–1430 **SESSION 2: PROVIDING KEY DECISION-MAKING TOOLS – ICAO AVIATION DATA ANALYSIS**

Presenters: Mr. Sainarayan and Mr. Combes, ICAO

- General introduction – use of civil aviation data analysis for planning and decision making in ICAO, national administrations, airlines, airports and air navigation services providers (ANSPs)
- Current ICAO air carrier reporting system
- ICAO Forecasting tools and ICAO Decision Support System

Day 2 - Tuesday 21 February

0900–1030 **SESSION 3: CONTROLLING AIRLINE COSTS**

Presenters: Mr. Sainarayan and Mr. Combes, ICAO

- Overview of airline costs - classification of airline costs into fixed and variable direct operating costs and indirect costs
- Escapable costs in the short, medium and long term and their relevance to cost control
- Questions & Answers

1030–1100 **Tea/Coffee Break**

1100–1230 **SESSION 4: FLEET PLANNING AND AIRLINE ROUTE EVALUATION – ASSISTING CARRIERS IN STRATEGIC AND VITAL DECISIONS**

Presenters: Mr. Sainarayan and Mr. Combes, ICAO

- Economic, payload and range factors impacting the fleet planning decisions of the airline and methodological tools to determine the economic viability of the fleet planning exercise
- Practical example of a fleet planning methodology
- Analysis of the route evaluation process of airlines – major factors that affect the decision to deploy capacity across different routes
- Route profitability template – specific case study
- Questions & Answers

1230–1300 **Tea/Coffee Break**

1300–1430 **DISCUSSION PANEL: INFORMATION SYSTEMS TO IMPROVE AIRLINE EFFICIENCY**

Moderator: Mr. Shahbazilar

Panelists: Mr. Sainarayan and Mr. Combes (ICAO), Mr. Sharafi (CAO), Mr. Bakhshi (Iran Air), Mr. Bahrami (Mahan Air), Mr. Behzadian (AIA)

Day 3 - Wednesday 22 February

0900–1030 **SESSION 5: ECONOMICS OF AIRPORTS AND AIR NAVIGATION SERVICES PROVIDERS**

Presenters: Mr. Sainarayan and Mr. Combes (ICAO), ANSP and Airport from the Region (Mr. Ibrahim Mouradi from IAC)

- Charging principles for airports and air navigation services providers (ANSPs): ICAO Doc 9082
- ICAO Doc 7100 and available electronic tools for charges
- Airport profitability (ACI)
- Questions & Answers

1030–1100 **Tea/Coffee Break**

1100–1230 **SESSION 6: FINANCING AVIATION INFRASTRUCTURE**

Presenters: Mr. Sainarayan and Mr. Combes, ICAO

- Topical issues: infrastructure funding and financing (IWAF 2016 outcome); long-term resource mobilization; elevating aviation's status in national strategies; airport networks; key features of successful Private Partnerships (PPPs)
- Developing best practices for infrastructure funding and financing (user charges, taxation policies, implementation challenges)
- Financing schemes for ASBU implementation
- Questions & Answers

1230–1300 **Tea/Coffee Break**

1300–1430 **DISCUSSION PANEL: ECONOMICS OF AIRPORTS AND ANSPs**

Moderator: Mr. Shahbazilar

Panelists: Mr. Sainarayan, Mr. Combes and Mr. Smaoui (ICAO), Mr. Khodaei (CAO), Mr. Akbari and Mr. Mouradi (IAC)

Day 4 - Thursday 23 February

0900–1030 **SESSION 7: COOPERATIVE EFFORTS TO SUPPORT AIR TRANSPORT DEVELOPMENT**

Presenters: Mr. Sainarayan and Mr. Combes (ICAO)

- ICAO's New Tool: State Air Transport Action Plan System (SATAPS)
- How to maximize responses to air transport surveys?
- Adhering to fundamental instruments: IASTA, Montréal Convention 1999, Cape Town Convention 2001, regional instruments
- Questions & Answers

1030–1100 **Tea/Coffee Break**

1100–1230 **SESSION 8: ENHANCING AIR CONNECTIVITY IN THE REGION – THE KEY ROLE OF REGULATORS**

Presenters: Mr. Sainarayan and Mr. Combes (ICAO)

The key value of air connectivity: measuring and showcasing direct, indirect and other benefits of aviation

- Air Transport Connectivity and Competition
- Connectivity of cargo and e-commerce
- Questions & Answers

1230–1300 **Tea/Coffee Break**

1300–1400 **CLOSING SESSION**

Moderator: Mr. Shahbazilar

- Seminar Outcome (ICAO)
- Closing remarks (CAO and ICAO)

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LIST OF PARTICIPANTS

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