

ICAO SAFETY OBJECTIVES

Certification Of Aerodromes Principles And Intended Use

Arun K. R. Rao
Chief,

Aerodromes, Air Routes and Ground Aids Section
ICAO, Montreal. Canada.

Joint ICAO – ACI Workshop on Aerodrome Certification, Dubai, 22-23 February 2003



- ✈ **Welcome to the 2nd ICAO workshop on aerodrome certification and the first ICAO-ACI joint venture.**
- ✈ **Introduction of speakers:**
 - **Mrs. Nawal Abdel Hady, Regional Officer/AGA**
 - **Mr. Ton Franssen, CAA, The Netherlands**
 - **Mr. Udo Wolfram, ADV, Germany**
 - **Mr. Thomas Torsten-Meyer, Munich Airport**
 - **Mr. Paul Roberts, GCAA, UAE**
 - **Mr. Mohammad Enaya, PCA, Saudi Arabia**

Joint ICAO – ACI Workshop on Aerodrome Certification, Dubai, 22-23 February 2003



- ✈ **Aerodrome certification:**
 - **The What ? - That the aerodrome facilities and services are adequate to ensure safety and security**
 - **Why ? – The travelling public (the ultimate users) needs such an assurance to continue to use air travel as the preferred mode of transportation**
 - **How ? – By evaluating the capabilities of the airport operator and ascertaining that the facilities and services and procedures are satisfactory**
- ✈ **Impact on safety of operations**

Joint ICAO – ACI Workshop on Aerodrome Certification, Dubai, 22-23 February 2003



✈ THE NEED FOR CERTIFICATION:

- **New airports and lack of such requirements**
- **Shortcomings and deficiencies observed.**
- **Airport privatisation – pros and cons.**
 - Positive aspects: Financial benefits, Modern management and improved efficiency, new technologies, autonomy etc. and.
 - Other aspects: Possible conflict between commercial interest and safety
- **Re-affirmation of States' commitments under the Chicago Convention**
- **Meet the needs of the travelling public**

Joint ICAO – ACI Workshop on Aerodrome Certification, Dubai, 22-23 February 2003



✈ Prerequisites for certification:

- Availability of appropriate national legislation & regulations
- organisational infrastructure
- well-trained and qualified staff for evaluation of application, inspection of airport infrastructure, safety procedures and checks

Joint ICAO – ACI Workshop on Aerodrome Certification, Dubai, 22-23 February 2003



✈ Intent of aerodrome certification requirements:

- To ensure compliance with applicable ICAO Standards and Recommended Practices, and National regulations and procedures**
- To provide safe and adequate services to meet the needs of the travelling public**
- Further reduce the low accident rate in view of sustained growth of air traffic;**
- Take suitable safety initiatives**

Joint ICAO – ACI Workshop on Aerodrome Certification, Dubai, 22-23 February 2003



Intents (contd):

- **To ensure implementation of aerodrome operational safety programmes -**
 - Regular safety inspections & evaluations
 - Proper maintenance of all operational areas and facilities
 - Up to date aerodrome emergency planning and exercises
 - Regular Rescue and fire fighting services training and preparedness
 - Prevention of runway incursions
 - Prevention of bird strike hazards to aircraft

Joint ICAO – ACI Workshop on Aerodrome Certification, Dubai, 22-23 February 2003



CONCLUSIONS:

- ✈ Safety of civil aviation is of concern to all
- ✈ Responsibility of aviation personnel
- ✈ Need to be proactive in our efforts to reduce accident rates and improve safety
- ✈ Compliance with applicable rules, regulations and procedures

THANK YOU!