Aerodrome Certification & Runway Safety Team Implementation
Airport Operator Challenges

ICAO MID 5th Safety Summit
26 - 28 November 2024
Kuwait
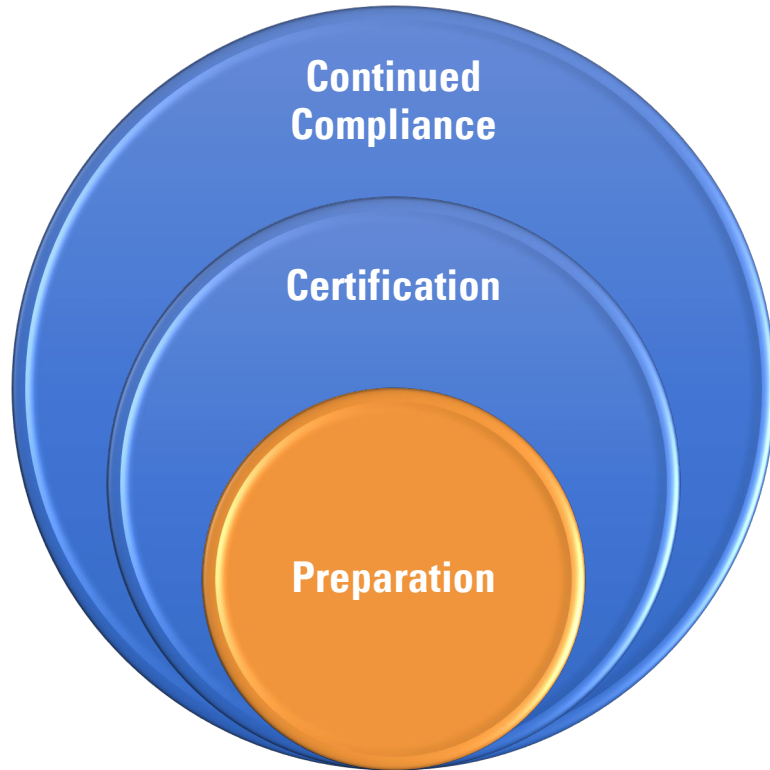
PRESENTATION OUTLINE

- Introduction
- Challenges of Aerodrome Certification
- Runway Safety Team (RST) Implementation
- Conclusions

INTRODUCTION
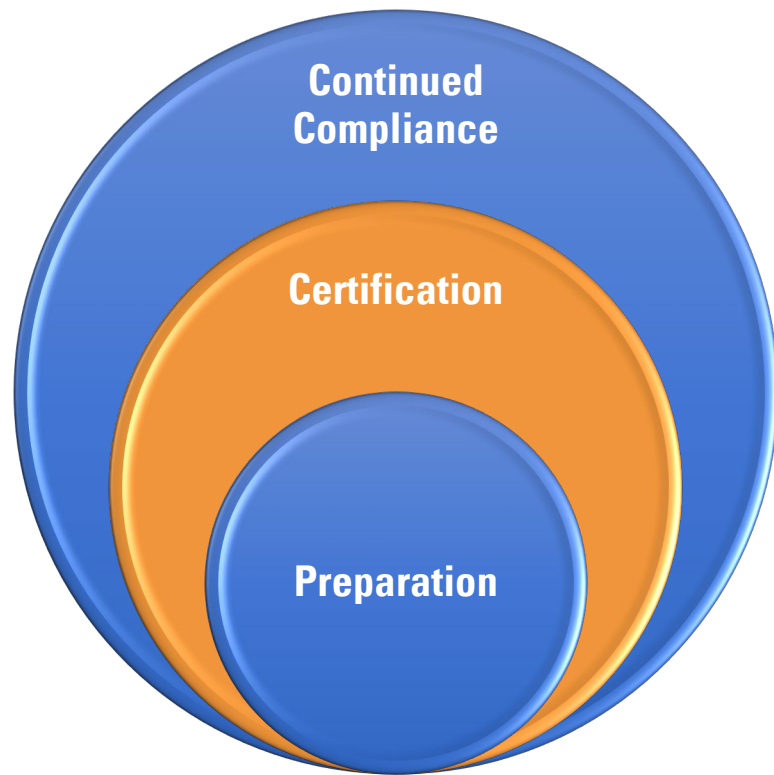
CHALLENGES IN AERODROME CERTIFICATION

Preparation (Pre – Certification)

- Identification and **appointment of a competent official** to act as single point of contact (SPOC) for initiating advance coordination with the regulator/certifying agency.

- **Creation of dedicated task force** with a composition of members from respective functions (Aerodrome Standards & Planning, Operations, Engineering, ARFF, Safety, Security, ATC, etc.)

- Data compilation, verification and validation of the **collected data**.

- **Development of** Aerodrome Manual and other associated support manuals and documents (SMS Manual, Emergency Plan, Disabled Aircraft Removal Plan, SOPs, Wildlife Hazard Management Plan, Obstacle Controls, etc.)

- Ensuring the quality of the final document by an **expert panel to verify** all compliances are in place (before formal submission to regulator)

ARFF : Airport Rescue & Fire Fighting
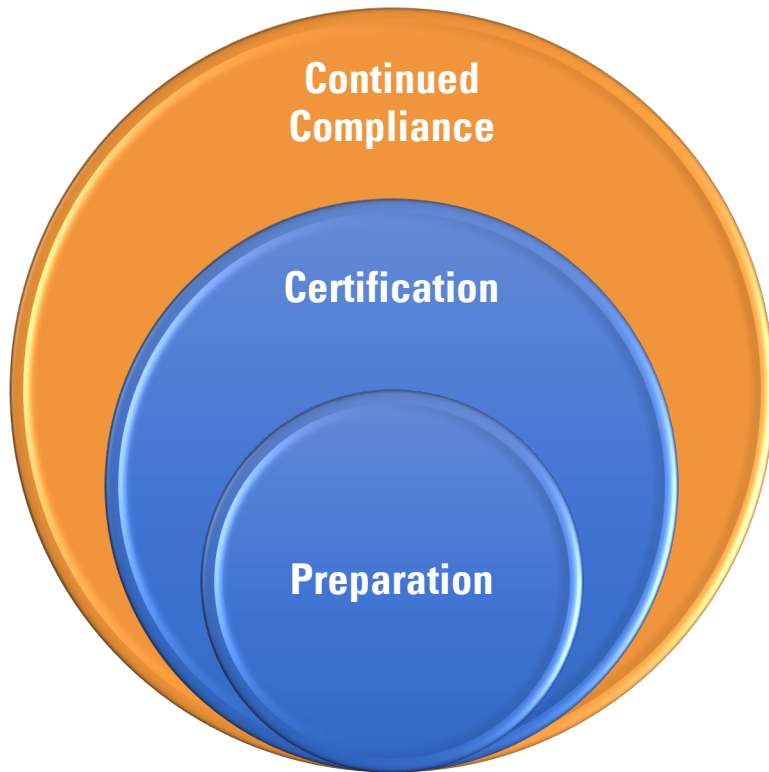ATC - Air Traffic Controller

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CHALLENGES IN AERODROME CERTIFICATION

Certification
- The real time coordination to facilitate on-site inspection and audit.

- Demonstrating compliance through various simulated scenarios as expected by the inspectors, with specific emphasize full scale emergency mock drills and other such critical exercises.

- The stringent timeline to address and resolve observations raised by the inspectors during the audit

- Having all relevant data and justification including aeronautical studies or simulation reports in case of any non-compliance/exemptions expected to be considered by the regulator.

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CHALLENGES IN AERODROME CERTIFICATION

Continued Compliance

Certification

Preparation

Demonstration of Continued Compliance (Post- certification)

- Availability of dedicated teams to ensure regular checks and corrective actions and a process to ensure the quality of such actions.

- Continuous provision of budget and resources to meet corrective actions as and when required

- Establishment of a process to proactively identify and address any changes introduced into the system which are beyond the scope of the current certification terms of reference (Management of Change process)

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RUNWAY SAFETY TEAM IMPLEMENTATION CHALLENGES

RUNWAY SAFETY TEAM IMPLEMENTATION

CHALLENGES

1. Correct composition
2. Commitment from stakeholders to attend meeting consistently
3. Reluctance to share incident or accidents

RECOMMENDATIONS

1. Core members: Airport, ATC & Pilot. Co-opted : Aerodrome & Airline maintenance rep.
2. Established planner with advance notification
3. Ensure non-disclosure clause available in the TOR

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CONCLUSION

AERODROME CERTIFICATION

- **Planning** & Execution
- **Consistent engagement** with regulator
- **Follow-up** on task for preparation & continued compliance.

RST IMPLEMENTATION

- Correct composition
- Advance planning & agenda
- Share safety data

ACI SUPPORTS

- [ACI guidelines](#) to prepare for certification and Runway Safety Team;
- List of Guidelines:
  - Wildlife Hazard Management Plan
  - Disabled Aircraft Removal
  - Runway Safety Team

- [APEX (Airport Excellence) in Safety](#)
- **Review** program for aerodrome operator to experience and learn on aerodrome certification from global experts.

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THANK YOU

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