


# Aerodrome certification

Group 4

# Introduction

- ▶ Group 4 started going through the 8 critical technical elements to ensure that the first Five Critical Elements are addressed as per ICAO requirements
  - ▶ We then moved to develop the process for aerodrome certification in accordance with the developed legislation and standards
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# Step 1 – 8 critical element

## A. CE 1 – Legislation

- ▶ Do you have the **act** establishing the CAA?

## B. CE 2 – Regulation

- ▶ Have the CAA establish regulations according to the annexes

## C. CE 3 – Establishment

- ▶ Structure of aerodrome division
- ▶ Sufficient number of personnel

## D. CE 4 – Training

- ▶ Qualification and relevant training

# Step 1 – 8 critical element

## **E. CE 5 – Technical guidance material**

- ▶ TGM for Inspectors
- ▶ TGM for the Industry
- ▶ Aerodrome Certification procedures

## **F. CE 6 – Certification**

- ▶ Develop and implement processes

## **G. CE 7 – Surveillance**

- ▶ Conduct continuous monitoring and assessment

## **H. CE 8 – Resolution of safety concerns**

# AERODROME CERTIFICATION PROCESS

- ▶ **Phase 1 – Expression of Interest**

1. Director receive an expression from the applicant

- ▶ Register the application

- ▶ Send the application to Director Flight Safety Standards (DFSS) within 48 hours

# AERODROME CERTIFICATION PROCESS


## 2. DFSS receive the application from the DG

- ▶ Respond to the applicant within 7 days stipulating all the requirement which may include:
  - Two copies of the AOM
  - Two copies of SMS and AEMS manuals
  - Plans of the aerodrome
  - Environmental report/ EIA/EA if applicable
  - Approval from any relevant authority / government
  - Proof of financial capability
  - Particulars of any non-compliance or deviations from the appropriate aerodromes design, operation or equipment standards
  - Appropriate fee

# AERODROME CERTIFICATION PROCESS

## Phase 2 – Formal Application

### 1. The DFSS receive the formal Application

- ▶ Establish a certification team
  - ▶ Appoint a team leader to handle application
  - ▶ Confirm payment
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# AERODROME CERTIFICATION PROCESS

## Phase 2 – Formal Application

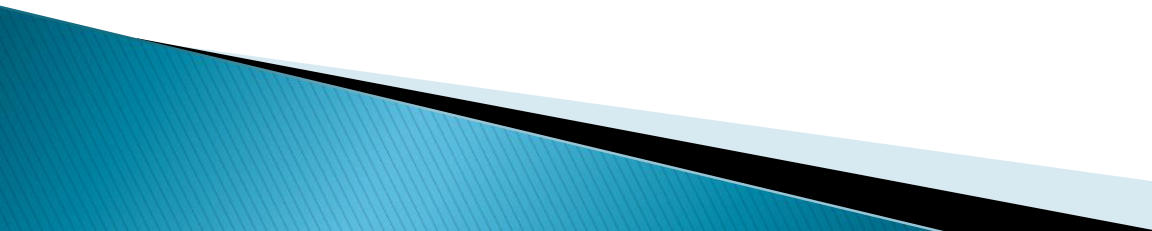
### 2. Team leader

- ▶ Review the formal application if it is according to the requirement
- ▶ Using the Aerodrome Manual TGM/checklist, determine whether the applicant's Aerodrome Manual complies with the requirements of the regulations and standards.
- ▶ Using the Safety Management System TGM/checklist, determine whether the SMS manual satisfactorily indicates that the applicant can properly operate and maintain the aerodrome in accordance with the regulation and standards.
- ▶ Confirm the date for site verification and inform the applicant in writing including the schedule for the inspection and checklists




# AERODROME CERTIFICATION PROCESS

## Phase 3 – Assessment of Facilities

- ▶ Opening meeting, agreeing on the schedule
  - ▶ Inspection of processes and facilities
  - ▶ Exit debrief/ closing meeting
  - ▶ Provide formal report within 14 days /CARs
  - ▶ Give the applicant 30 days to respond/CAPs
  - ▶ Accept and assess the CAPs within 10 days
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# AERODROME CERTIFICATION PROCESS

## Phase 4 – Issuance or refusal of certificate

- ▶ Set the conditions of the certificate
  - ▶ Recommend to the DG for issue or refusal
  - ▶ The whole certification period should not exceed 6 months.
  - ▶ The certificate will be valid for 2 years
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# AERODROME CERTIFICATION PROCESS

## Phase 5 – Promulgation of certificate

- ▶ Director Safety writes to AIM Director for publication

THANK YOU

Q&A

