

ICAO ENDORSED AERODROME GSI COURSE

DESCRIPTION

This 11-day course provides in-depth knowledge and skills in the duties involved in certifying an Aerodrome and associated surveillance activities from the perspective of an Aerodromes Inspector. The course presents the requirements and processes for aerodrome certification. It then follows a “mock” aerodrome operator seeking certification through each of the five-phase certification process. The certification process is based on International Civil Aviation Organization (ICAO) Standards and Recommended Practices (SARPs) and Model Aviation Laws, Regulations, and technical guidance. The course finally discusses aerodrome surveillance activities including regular and impromptu inspection of the various components of an aerodrome, the development and implementation of plans for follow up of remedial action of any deficiencies and safety evaluation of any changes of facilities and operating procedures.

OBJECTIVES

At the end of this course, participants should be able to:

- Understand the requirements and processes for aerodromes certification as contained in ICAO Annex 14, Manual of Aerodrome Certification (ICAO DOC 9774), Safety Management Manual (ICAO DOC 9859), and associated guidance material;
- Prepare an Aerodrome Certification Application Package and guidance material for prospective aerodrome certification applicants;
- Plan, organize and evaluate pre-application and formal application meetings with a prospective applicant for aerodrome certification;
- Conduct an in-depth review of an Aerodrome Manual, and operating procedures;
- Conduct an initial inspection of aerodrome’s facilities and equipment to assess their compliance with certification requirements;
- Issue the aerodrome certificate based on the evaluation of the Aerodrome Manual, operating procedures, and safety management system, and assessment of equipment and facilities;
- Promulgate the certified status of an aerodrome and the required details in the Aeronautical Information Publications (AIP);
- Plan and conduct aerodrome related surveillance activities, including regular and impromptu inspections of the various components of an aerodrome;

WHO SHOULD ATTEND

As indicated above, this course is directed at Aerodrome Inspectors who are actively involved in Aerodromes certification and associated surveillance activities. As such, in addition to the prerequisites indicated below, candidates should also be actively serving as Aerodrome Inspectors or have some experience in Aerodrome certification.

Prerequisites:

Should have a degree in civil or electrical engineering or airport operations or equivalent qualifications and be involved in aerodrome planning, operations or maintenance in a civil aviation authority.

COURSE OUTLINE

- ACIP AGA Module 01 - Aerodrome Inspectors course introduction and overview
- ACIP AGA Module 02 - Aerodrome Certification: A State Obligation
- ACIP AGA Module 03 - The Oversight: Establishment of an aerodrome oversight system
- ACIP AGA Module 04 - Aerodrome Manual : An operator's obligation
- ACIP AGA Module 05 - Aerodrome certification regulatory framework at AFRILAND
- ACIP AGA Module 06 – Aerodrome certification process
- ACIP AGA Module 07 - Conducting the Pre-Application Meeting
- ACIP-AGA Module 08 - Reviewing the Formal Application Package and conducting the Formal Application Meeting
- ACIP AGA Module 09 - Evaluation of the Aerodrome Manual
- ACIP AGA Module 10 - Evaluation of the Aerodrome Safety Management System
- ACIP AGA Module 11 - Evaluation of Standard Operations Procedures
- ACIP AGA Module 12 - Assessing aerodrome facilities and equipment
- ACIP AGA Module 13 - Issuing the aerodrome certificate
- ACIP AGA Module 14 - Surveillance

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