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# Aerodrome Certification

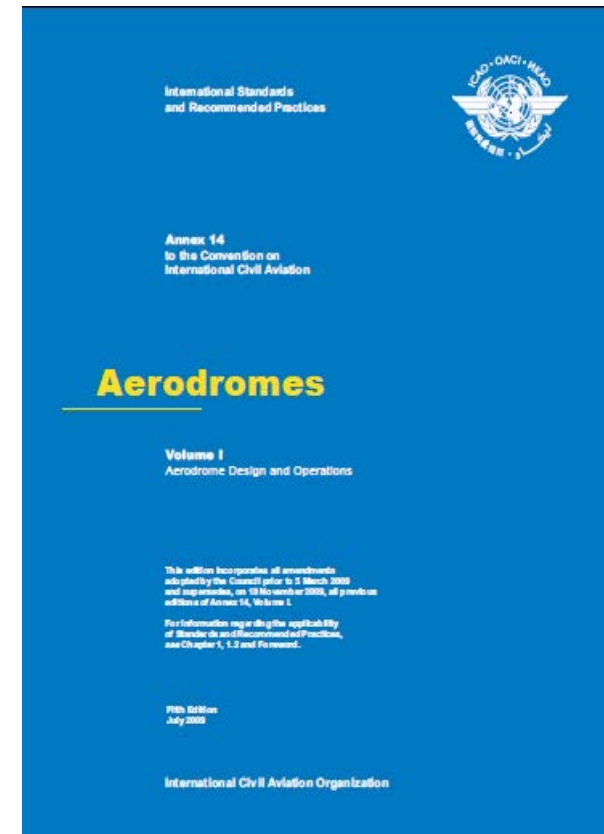
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## Annex 14 – Vol. 1

✈ Contains Standards and Recommended Practices (specifications) that prescribe the physical characteristics and obstacle limitation surfaces to be provided for at aerodromes, and certain facilities and technical services normally provided at an aerodrome.





## ✈ Certification Requirements

- ✈ Annex 14, Vol. I - 1.4.1 States shall certify aerodromes used for international operations in accordance with the specifications contained in this Annex as well as other relevant ICAO specifications through an appropriate regulatory framework.
- ✈ Annex 14, Vol. I - 1.4.4 As part of the certification process, States shall ensure that an aerodrome manual which will include all pertinent information on the aerodrome site, facilities, services, equipment, operating procedures, organization and management including a safety management system, is submitted by the applicant for approval/acceptance prior to granting the aerodrome certificate.

# Aerodrome Certification

## What ?





A process by which a State can demonstrate:

- ✦ That airports in its territory meet regulatory safety requirements on a continuing basis.
- ✦ That it is providing uniform conditions for aircraft of all other States, as required by Article 15 of the Chicago Convention.

# How do you do that?

Through the Aerodrome Certification process!

-  *With the establishment of a regulatory regime so that compliance with the specifications in this Annex can be effectively enforced.*
-  *The certification process also establishes the baseline for continued monitoring of compliance with the specifications.*





# Certification of Aerodromes Why Needed?



- Provide uniform conditions for aircraft of all other contracting States
- Certification facilitates standardization; and standardization enhances safety.

- Ownership and management of aerodromes differs between States.
- More aerodromes being privatized.





## Scope

✈ The scope of certification includes at least the subjects below:

- a) compliance of the aerodrome infrastructure with the applicable regulations for the operations the aerodrome is intended to serve;
- b) the operational procedures and their day-to-day application, when applicable, concerning:
  - 1) aerodrome data and reporting;
  - 2) access to the movement area;
  - 3) aerodrome emergency plan;
  - 4) rescue and fire fighting (RFF);
  - 5) Bird/Wildlife management and control .....



# How Aerodrome Certification Relates to Public Health?

- ✈ *Annex 14, Aerodrome emergency planning*
- ✈ **–9.1.2** The aerodrome emergency plan shall provide for the coordination of the actions to be taken in an emergency occurring at an aerodrome or in its vicinity.
- ✈ *Note 1.— Examples of emergencies are: aircraft emergencies, sabotage including bomb threats, unlawfully seized aircraft, dangerous goods occurrences, building fires, natural disaster and **public health emergencies**.*
- ✈ *Note 2.— Examples of public health emergencies are increased risk of travelers or cargo spreading a serious communicable disease internationally through air transport and severe outbreak of a communicable disease potentially affecting a large proportion of aerodrome staff.*



# Certification of aerodromes/airports



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World Health  
Organization

- State CAA aerodrome certification
- Certifying authority: State's CAA
- Based on ICAO SARPs and national regulations related to aerodromes
- Mandatory for all international aerodromes
- ICAO verifies that the State certifies aerodromes through USOAP activities
- Audit results are available to the public
- WHO IHR core capacity requirements
- Voluntary to State for designated POE airports
- Certifying authority: WHO
- Cost to State



# Conclusions

- ✈ The certification of aerodromes under ICAO SARPs focusses on the safety, regularity and efficiency of aircraft operations, with elements related to aerodrome emergency planning, including public health emergency
- ✈ The WHO airport certification is dedicated to public health issues and involves a full-blown inspection/verification of capabilities dealing with public health at POE airports
- ✈ The two certification systems have different focusses, with a common area in public health emergency
- ✈ Aerodrome operators and public health agencies need to work together and communication and collaboration between them are essential