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COURSE BROCHURE

Aerodrome Certification and Compliance Training Course

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Registered in the United Kingdom and Saudi Arabia

Aerodrome Certification and Compliance Training Course

Aerodrome Certification and Compliance is a 1-week training course for aerodrome operators, compliance managers and airport safety and standards staff, who leave with an aerodrome compliance inspection and corrective action plan for their own airfield. Traffic growth, new aircraft types and runway works keep changing what an aerodrome must prove to keep its certificate. The course is delivered by Jupiter Prime Training.

Why Aerodrome Certification and Compliance Matters Now

Three groups shape aerodrome compliance today. Airlines bring larger aircraft that test strip widths, taxiway separations and pavement strength. Airport owners expand aprons and cargo zones while the airfield stays live. Oversight inspectors expect evidence that every deviation is known, assessed and closed. An aerodrome that manages this well keeps its certificate and its airline customers; one that does not faces restrictions and runway incidents. The course rests on ICAO Annex 14 Aerodromes, the Procedures for Air Navigation Services – Aerodromes PANS-Aerodromes and the safety management principles of ICAO Annex 19.

Who Gains Most from Aerodrome Certification and Compliance

- Teams that maintain the aerodrome manual and submit changes to the oversight authority
- Teams that inspect runways, taxiways, aprons, lighting and markings each day
- Teams that track inspection findings, deviations and corrective actions to closure
- Teams that assess airfield works, new aircraft types and changes to operations
- Teams that coordinate aerodrome safety committees and runway safety teams

An aerodrome operator gains most when its manual owner, airside inspectors and safety officer attend together and agree one inspection regime and one findings log.

Aerodrome Certification and Compliance Capabilities

Participants practise reading the airfield against its certification basis, from manual text to apron paint.

- Apply ICAO Annex 14 certification requirements to an existing airfield — certificate holder and oversight inspector
- Assess an aerodrome manual for completeness, currency and controlled amendment — accountable manager
- Specify inspection checklists for movement area surfaces, markings and lighting — airside operations
- Weigh deviations through aeronautical studies and safety assessments — runway safety team
- Design a corrective action tracker with owners, due dates and closure evidence — compliance manager

- Communicate open findings to airline and oversight stakeholders — airport leadership

Key Aerodrome Certification and Compliance Terms

- Aerodrome certificate — the document confirming an aerodrome meets applicable specifications for stated operations.
- Aerodrome manual — the controlled document describing the aerodrome, its facilities and procedures.
- Movement area — the part of an aerodrome used for take-off, landing and taxiing, made up of the manoeuvring area and aprons.
- Aeronautical study — a structured assessment of a deviation from a standard and the measures that keep safety acceptable.
- Obstacle limitation surfaces — imaginary surfaces around a runway that must stay free of obstacles.
- Corrective action plan — the record of actions, owners and deadlines that close a finding and prevent its return.

Aerodrome Certification and Compliance Day by Day

Day 1: The Certification Landscape

- ICAO Annex 14 Structure and Scope — Which Specifications Apply to the Aerodrome
- PANS-Aerodromes Procedures — Operational Practice Behind the Certification Basis
- Certification Process Phases — Application, Assessment and Certificate Issue
- Operator and Oversight Authority Roles — Who Owns Each Compliance Duty
- Aerodrome Reference Code — Aircraft Types the Airfield Can Accept

Day 2: The Aerodrome Manual

- Aerodrome Manual Content Framework — Sections the Certificate Depends On
- Document Control and Amendment Procedures — Keeping the Manual Current
- Aerodrome Data and Declared Distances — Accuracy of Published Information
- Safety Management System Interfaces — Hazard Reporting Within the Manual
- Change Management Submissions — Notifying New Facilities and Operations

Day 3: Movement Area Standards

- Runway Strips, RESA and Separation Distances — Physical Layout Compliance
- Markings, Signs and Visual Aids — Pilot Guidance on the Manoeuvring Area
- Aeronautical Ground Lighting Serviceability — Night and Low Visibility Readiness
- Pavement Strength and Surface Condition — Friction and Rubber Removal Choices
- Obstacle Limitation Surfaces Survey — Control of Cranes and New Structures

Day 4: Inspections, Deviations and Findings

- Daily Airside Inspection Regime — Frequency, Routes and Recording
- Internal Compliance Audit Checklists — Sampling Against the Certification Basis
- Aeronautical Study Method — Accepting or Mitigating a Deviation
- Finding Classification and Root Cause — Priority of Each Nonconformity
- Works in Progress Safety Plans — Airfield Construction Under Live Operations

Day 5: Practising the Compliance Inspection and Corrective Action Plan

- Mock Movement Area Inspection — Applying Day Three Standards on a Sample Layout
- Manual Gap Review Exercise — Applying Document Control Checks
- Deviation Case Study — Applying the Aeronautical Study Method
- Corrective Action Tracker Build — Owners, Deadlines and Closure Evidence
- Aerodrome Compliance Inspection and Corrective Action Plan — Final Airfield Version

Applying Aerodrome Certification and Compliance After the Course

- Inspect one runway and its taxiways against the new checklist and log every finding in the corrective action tracker.
- Review the aerodrome manual amendment record and correct any section that no longer matches airfield practice.

Aerodrome Certification and Compliance Questions FAQ

What is aerodrome certification and compliance, and why does it matter now?

Aerodrome certification and compliance is the work of showing that an airfield, its manual and procedures meet applicable specifications. It matters now because new aircraft types, airfield works and closer oversight test that evidence more often.

Which roles gain most from aerodrome certification and compliance training?

Manual owners, airside inspectors, compliance managers and aerodrome safety officers gain most. You see how the certification basis becomes checklists, findings and corrective actions an inspector can verify.

How does aerodrome certification and compliance training differ from an aerodrome design course?

It focuses on keeping an existing airfield compliant rather than planning a new one. A design course covers geometry and master planning; this course covers the manual, inspections, deviations and closing findings on a live aerodrome.

What do you bring back from aerodrome certification and compliance training?

You bring back an inspection regime and a tracker that links each finding to an owner, a deadline and closure evidence. It gives your aerodrome one record to share with airlines and inspectors.

Aerodrome Certification and Compliance: The Way Forward

The aerodrome compliance inspection and corrective action plan first informs which movement area findings must close before the next oversight visit. Manual owners, airside inspectors and the accountable manager use it weekly, and runway safety teams set priorities with it. After its first inspection cycle, revisit how findings are classified to see whether the same deviations keep returning.