

AIRPORT / AERODROME & HELIPORT PRE-CERTIFICATION ASSESSMENT



QualaTech Aero Consulting Ltd.

An international aviation consultancy group, providing services in:

Safety Management Systems (SMS), Management, Training, Change Management, Fatigue Management, Hazard Ident. & Risk Assessment, Safety Case, Harbour and Water Airport/Aerodrome Procedures, Emergency Response Procedures, Airports, Flight Operations, Compliance, Audits, Aircraft Maintenance Organisations (AMO), Human Factors, Manufacturing, Quality Assurance (implementation, design and audit), Training (QA, SMS, HF, ERP/AEP, CM, Haz. & Risk. Assessment).

The services offered by QualaTech-Aero Consulting Ltd. are focused on the aviation industry. However, the principles of Human Factors, Safety, and Quality, apply equally to any industry by reducing human error leading to personal injury and loss.

Safety Management is Business Management!

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A third party Pre Certification Assessment is an essential element to ensure that everything is in compliance to the required Standards before the National Civil Aviation Authority (CAA) performs their Audit process. The cost of non-compliance and its respective short and long-term affects cannot be overstated. A Pre Certification Assessment performed by QualaTech Aero Consulting Ltd. will help ensure that everything is correct and subsequently in compliance before the National Authority discovers otherwise.

QualaTech consultants have extensive national and international aviation aerodrome experience. QualaTech consultants have held senior posts with the ICAO, IATA, leading aviation operations, systems and service companies; and international airport and civil aviation authorities.

Airport / Aerodrome / Heliport - Pre-Certification Assessment consists of:

- **Review of Applicable Airport / Aerodrome Documents and Manuals;**
- **Site Visit;**
- **Assessment/Audit Activities;**
- **Analysis;**
- **Analysis Report.**

Certification Assessment: A Pre-Certification Assessment comprises of specific individual safety and certification audits and assessments. The purpose is to determine the current level of compliance with the aerodrome certification status to the requirements of the National Regulator and the ICAO Standards and Recommended practices (SARPs). It is normal practice for SARPs to be used by the national Regulatory Authorities as a bases for the issue of an Aerodrome Certificate as per Annex 14 Section 1.4.5. Additionally, the assessment will reference the applicable standards and practices required to demonstrate an equivalent level of compliance to the ICAO Universal Safety Oversight and Audit Programme (USOAP) by the national regulatory authorities, in accordance with the obligations of a signatory State to the ICAO Convention.

Review: Review of applicable airport manuals and associated documentation is an essential process to help understand how an individual airport / aerodrome functions with respect to Policy and Procedure. Often, it is not what is written but what is not written into a Control Document that can lead to a non-compliance issues. Careful and detailed review of Control Documents can help prevent omission and error.

Site Visit: Site visits are paramount to the completion of a Certification Analysis. Without viewing and demonstration, analysis is not possible. A site visit provides the ability to inspect and determine compliance, without which, an analysis cannot be rendered.

Audit Activities: Detailed assessment documentation is utilised by QualaTech, working in close co-ordination with the Client and their employees. As required, QualaTech will also work closely with personnel from the applicable national Civil Aviation Authority. The principal references will be ICAO Annex 14, Doc 9774, applicable National requirements and Airport / Aerodrome Policies and Procedures.

Assessment: Analysis is accomplished via stringent review and comparison to known requirements, regulations, policies, procedures and best practices. The experience and knowledge of the Consultants is also paramount in determining that the final analysis is both accurate and applicable.

Assessment Report: Assessment Reports primarily comprise of two documents, a Certification Checklist and a Site Report/Analysis. Together the reports constitute the Pre-Certification Assessment. The Assessment Report defines the status of an airport / aerodrome or Heliport with regard to future certification, based on the provisions of ICAO Annex 14 and the referenced criteria in ICAO Doc. 9774, Section 3B.3.2 as well as such other official documents as may be appropriate to the National CAA.