



Helideck Operations in KSA.

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ICAO/GACA

Content

- Bloc 1. GACA – Context and Background.
- Bloc 2. The certification. Procedures and Steps toward certification.

Legal Background for certification

- KSA Civil Aviation Law Royal Decree M/44, August 2005
- Article 3. the provisions of this law shall apply to Civil Aerodromes, air carriage facilities and ensuring safety and security.
- Article 33. No civil aerodromes or airfields may be constructed, used or invested in the Kingdom without approval by the Authority.

Introduction to Safety, Security and Air Transport Sector

- The sole Regulator and Auditor of the aviation industry in Saudi Arabia Based on the International Civil Aviation Organization (ICAO) SARPs, the United States' Federal Aviation Administration (FAA) Regulations and its own guidance Materials
- SS&AT role:

Introduction to SS&AT Sector

- Act as the authority to register civil aircrafts
- Certify and audit domestic and international airlines, repair station and schools that wish to operate in/from the Kingdom of Saudi Arabia.
- Issues licenses and medical certificates to airmen and operational members associated with civil aircrafts and certified domestic and international airline.
- Responsible for the implementation and monitoring of Air Navigation Systems safety.
- **The SS&AT is also responsible for Helidecks certification**

Airport Standard Division

- Three main activities:
 - Aerodromes and Heliports Certification and Oversight. Including flight schools.
 - The owner of this Guidance Material
 - Establishing and maintaining appropriate safety standards and performance criteria for aerodrome safety and related to the this manual;
 - Ensuring that sufficient competent staff are available to maintain an appropriate level of safety oversight;
 - Assign the Aerodrome/Heliport Certification inspector

Purposes of the GACA 14-14

- Guidance Material on Aerodrome and Heliport certification process, with a bridge to SMS and Aerodrome/Heliport Manual. GACA 14-14.
- What's for? Implementation of GACAR. Provide details on how, who, what, when and how much
- For who? Aerodrome operators, Heliports, Helipads and Shipboard operators, inspectors, auditors, services providers

Scope of Certification

- The **facilities, equipment and operational procedures** at certified Aerodrome/Heliport are in compliance with the **SARPs** in Volume I and Volume II of Annex 14 to the Convention on International Civil Aviation, and to **any national standards and practices in force.**
- The certification is ensured for
 - A limited and a specified time, and
 - Within an established land space

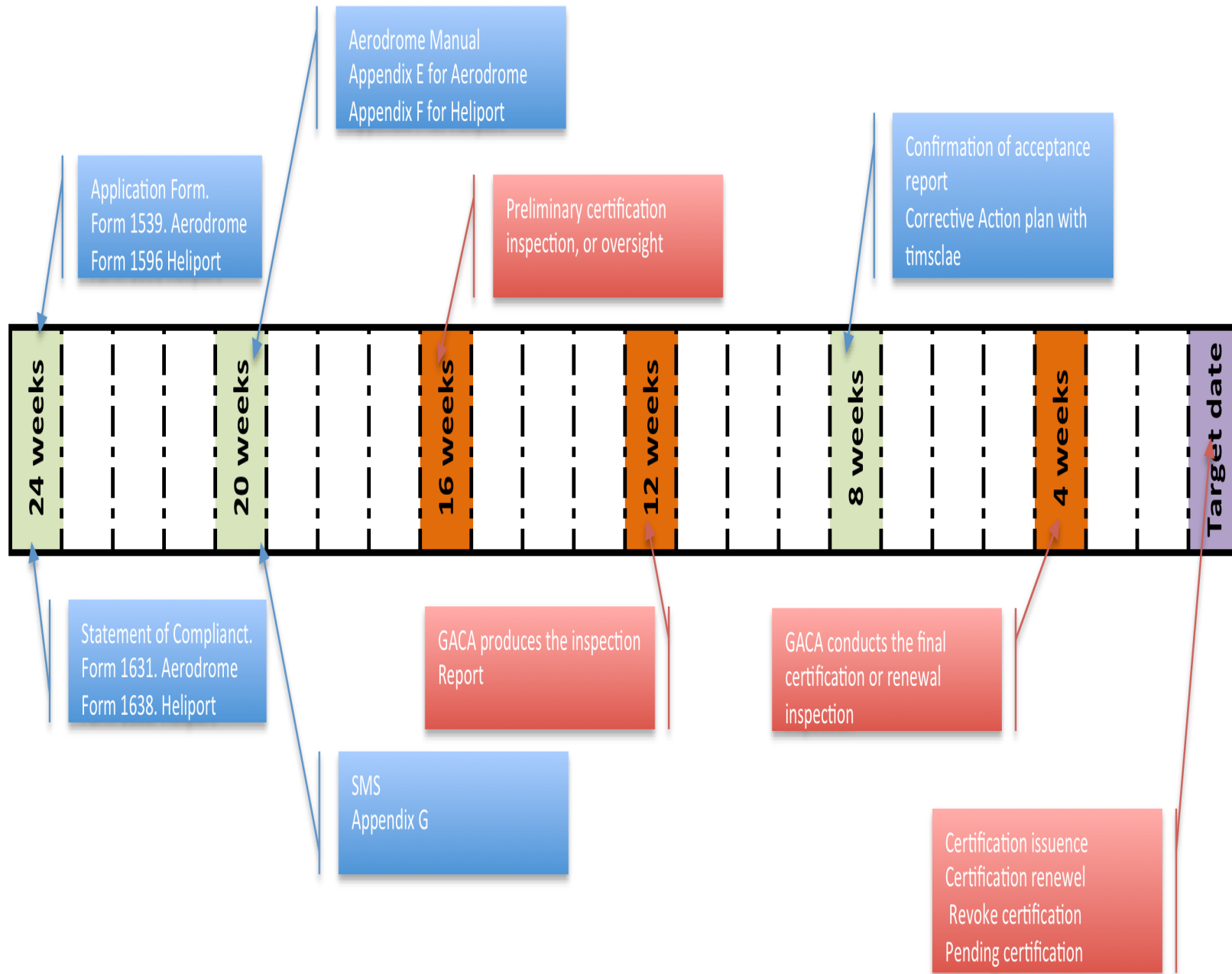
Content. Bloc 2.

- Certification Process. What, Who, How and When

Certification Process

Documents	Aerodrome Operator	Heliport Operator
An application form. 24 weeks before the requested target date	✓ <i>Form.1539</i> Ref# Appendix A	✓ <i>Form.1596</i> Ref# Appendix B
Statement of Compliance. 24 weeks before the requested target date	✓ <i>Form.1631</i> Ref# Appendix C	✓ <i>Form.1638</i> Ref# Appendix D
Manual. 20 weeks before the requested target date	✓ Form4153 Ref# Appendix E	✓ Form.4154 Ref# Appendix F
SMS. 20 weeks before the requested target date	✓ Form.1041 Ref# Appendix G	It is recommended. Form.1041 Ref# Appendix G

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Step 1. 24 weeks before the target date.

- A formal **Application Form for Certification** shall be submitted to the GACA requesting the issue/renewal of an aerodrome/Heliport certificate, at **least 24 (twenty four) weeks** prior to the operator's requested target date for the renewal or issue of the certificate:
 - *Form.1539 for Aerodrome*
 - *Form.1596 for Heliport.*

Step 1. 24 weeks before the target date.

- The Aerodrome/heliport Operator shall conduct a pre-certificate/renewal safety oversight audit and submit a **Statement of Compliance (SoC)** based on:
 - The Checklist Form Form.1631 for Aerodrome
 - The Checklist Form. 1638 for Heliport.

Step 2. 20 weeks before the target date.

- At **least 20 (twenty) weeks** before the requested target date, the Aerodrome / Heliport operators should submit:
- The Aerodrome/Heliport Manual (Appendix E for Aerodrome and Appendix F for Heliports) , and
- The SMS (Appendix G for content).

Step 3. 16 weeks before the target date.

- GACA shall, upon receipt of the required documents:
 - Assign an aerodrome/heliport Certification inspector
 - At least **16 (sixteen) weeks** before the requested target date, conduct a preliminary certification/renewal inspection of the aerodrome facilities including auditing procedures, equipment and procedures and any other related safety activities.

Step 3. 16 and 12 weeks before the target date.

- GACA shall, upon receipt of the required documents:
 - The On-site verification assesses the aerodrome/heliport operator's procedures, its organization and its SMS, based upon the contents of the aerodrome manual. This include technical inspections of the infrastructure of the aerodrome and its equipment, as related to the requirements associated with the intended operations
 - Produce a report and send to the Aerodrome Operator or the Certificate Holder's Representative no later than **12 (twelve) weeks** before the requested target date.

Step 4. 8 and 4 weeks.

- The Aerodrome/Heliport Operator or the Certificate Holder's Representative shall on receipt of the Inspectors Pre-Certificate / Renewal preliminary Inspection report, no later than **8 (eight) weeks** before the requested target date, send:
 - A formal company acceptance confirmation of the report
 - Submit a detailed action plan with timescales to the GACA to rectify or mitigate any findings to an acceptable level, under the operator/s Safety Management System (SMS).

Step 4. 8 and 4 weeks.

- At least **4 (four) weeks** before the requested target date, GACA shall conduct a **final certification/renewal inspection** of the aerodrome facilities including auditing procedures, equipment and policies and any other related safety activities

Step 4. 8 and 4 weeks.

- The GACA will only issue an Aerodrome/Heliport Certificate, when the Authority is completely satisfied that all critical safety elements have been adequately addressed and this may require a further GACA audit/Inspection follow up.
- The Aerodrome/Heliport Certificate will only be issued on receipt of **the appropriate fees**

Certification issuances

- GACA may:
 - Issue certificate
 - Pending certificate
 - Start negotiation to Revoke certificate
 - Revoke certificate



Operational challenges related to Certification



Operational challenges related to Certification



The End of the Bloc 2.

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