



ICAO

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North American, Central American and Caribbean Office

WORKING PAPER

NACC/WG/AGA/TF/2 — WP/05
15/05/24

Second North American, Central American and Caribbean Working Group (NACC/WG) Aerodromes and Ground Aids (AGA) Implementation Task Force Meeting (NACC/WG/AGA/TF/2)

Mexico City, Mexico, 15 to 17 May 2024

Agenda Item 5: CAR/SAM Planning and Implementation Regional Group (GREPECAS) Project F1: Aerodromes Certification and Safety

AERODROMES CERTIFICATION AND SAFETY

(Presented by the Secretariat)

EXECUTIVE SUMMARY

This Working Paper presents the status of the Project F1: Aerodromes Certification and Safety under GREPECAS and presents a proposed project to be discussed among the participants in the AGA/TF2 Meeting.

Action:	See section 4
Strategic Objectives:	<ul style="list-style-type: none">• Strategic Objective 1 – Safety• Strategic Objective 2 – Air Navigation Capacity and Efficiency
References:	<ul style="list-style-type: none">• Annex 14, Volume I• Doc 9774 Manual on Certification of Aerodromes• Doc 9981 Procedures for Air Navigation Services Aerodromes

1. Introduction

1.1. The State that certifies its international airports meets as required by Article 15, 28 and 37 of the Chicago Convention. Therefore, it is a process by which a State can demonstrate, that it is providing uniform conditions for aircraft of all other States and that their airports meet regulatory safety requirements on a continuing basis.

1.2. The ICAO Annex 14 requires States to certify aerodromes used for international operations through an appropriate regulatory framework (Annex 14, Vol. I, 1.4.1). The regulatory framework shall include the establishment of criteria and procedures for the certification of aerodromes (Doc 9774 Manual on Certification of Aerodromes and Doc 9981 Procedures for Air Navigation Services Aerodromes).

1.3. In this context, in the CAR/SAM Regional Planning and Implementation Group (GREPECAS) the F Aerodrome Program was established with the F1 Project: Aerodromes Certification and Safety, with the objective of accompanying and promoting the certification of airports in the region.

2. Regional status

2.1 The status of aerodromes certification in the CAR Region in 2024 shows a constant in the number of certified aerodromes. There are 98 certified aerodromes in the CAR region, which represents 66%.

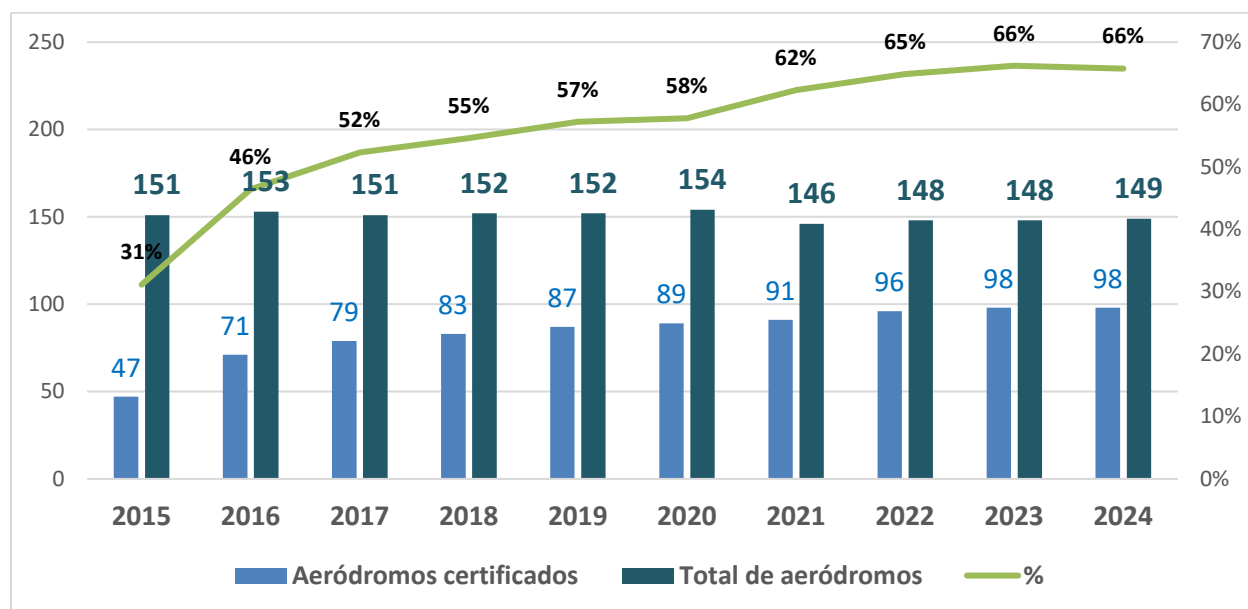


Figure 2.1: History of the airport certification process in the CAR region.

2.2 Based on information of the ICAO Universal Safety Oversight Audit Programme (USOAP) Continuous Monitoring Approach (CMA) Online Framework (OLF) for the States and Territories of the CAR Region, it is possible to observe the percentage of no satisfactory and satisfactory PQs by Critical Elements (CE) in the AGA area in CAR Region.

CE	N. PQs	% PQs not satisfactory	% PQs Satisfactory
CE-1	2	41%	59%
CE-2	21	46%	54%
CE-3	7	32%	68%
CE-4	7	56%	44%
CE-5	14	46%	54%
CE-6	51	46%	54%
CE-7	32	52%	48%
CE-8	9	52%	48%

Figure 2.1: The Critical Elements (CE) in the AGA area by percentage of no satisfactory and satisfactory PQs.

Source: Online Framework (OLF), August 2022.

2.3 Considering the data and the challenges associated with increasing the number of certified international aerodromes in the CAR region, this working paper proposes for discussion and analysis at the meeting the AGA Certification and Safety Project Gantt, as detailed in the **Appendix** .

3. Suggested Actions

3.1 The Meeting is invited to:

- a) take note of the information presented in this WP;
- b) analyse, discuss and approve, if appropriate, AGA Certification and Safety Project Gantt (Appendix):
- c) the AGA/TF to take action to promote the certification of international aerodromes; and
- d) other actions that the meeting considers necessary.

APPENDIX AGA Certification and Safety Project Gantt

AGA Certification and Safety Project

Jun 3, 2024 - Dec 8, 2028

Grid Board Timeline Charts People Goals

Filters (0) Conditional coloring Group members

	Name	Duration	Observation	Start	Finish
1	▼ Safety Regulation and Guide Material	980 days		1/20/2025	10/20/2028
2	▼ AGA Regulation (Annex 14 and Docs 9981 and 9774 and others)	970 days	21 PQs on CE 02 from USOAP	1/20/2025	10/6/2028
3	▼ Assistance Session	970 days		1/20/2025	10/6/2028
4	Development of support material	240 days	Support with AGA SME	1/20/2025	12/19/2025
5	02 AGA regulation Assistance Session	730 days	6 modules lasting 1 week each	12/22/2025	10/6/2028
6	▼ Develop the AGA Regulation	730 days		1/20/2025	11/5/2027
7	Review of AGA drafts regulating a maximum of 10 States	730 days	Support with AGA SME	1/20/2025	11/5/2027
8	Follow-up the approval by States of their AGA regulations	730 days		1/20/2025	11/5/2027
9	▼ AGA Guide Material	980 days	14 PQs on CE 05 from USOAP	1/20/2025	10/20/2028
10	▼ Assistance Session	875 days		1/20/2025	5/26/2028
11	Development of support material	240 days	Support with AGA SMEs	1/20/2025	12/19/2025
12	AGA guide material assistance Session	730 days	14 modules lasting 1 week each	8/11/2025	5/26/2028

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Filters (0) Conditional coloring Group members

	Name ▾	Duration ▾	Observation ▾	Start ▾	Finish ▾	+
13	<input type="radio"/> <ul style="list-style-type: none"> ▾ Develop the AGA Guide Material ⓘ ⋮ 	980 days		1/20/2025	10/20/2028	
14	<input type="radio"/> Review of AGA drafts guide material a maximum of 15 States	980 days	Support with AGA SMEs	1/20/2025	10/20/2028	
15	<input type="radio"/> Follow-up the approval by States of their AGA guide material	980 days		1/20/2025	10/20/2028	
16	<input type="radio"/> <ul style="list-style-type: none"> ▾ Capacity building and training of AGA State Inspector 	1170 days	07 PQs on CE 04 from USOAP	6/3/2024	11/24/2028	
17	<input type="radio"/> <ul style="list-style-type: none"> ▾ Political and technical commitment of the State 	30 days		1/20/2025	2/28/2025	
18	<input type="radio"/> Letter from the State with commitment from the AGA Inspector	30 days		1/20/2025	2/28/2025	
19	<input type="radio"/> <ul style="list-style-type: none"> ▾ Provide theoretical and OJT courses (when necessary) to AGA States Inspector specialized training for: 	960 days		3/3/2025	11/3/2028	
20	<input type="radio"/> a) Aerodrome operations,	960 days		3/3/2025	11/3/2028	
21	<input type="radio"/> b) RFF,	960 days		3/3/2025	11/3/2028	
22	<input type="radio"/> c) Wildlife management,	960 days		3/3/2025	11/3/2028	
23	<input type="radio"/> d) Assessment of physical characteristics and electrical systems,	960 days		3/3/2025	11/3/2028	
24	<input type="radio"/> e) Obstacle control,	960 days		3/3/2025	11/3/2028	
25	<input type="radio"/> f) Assessment and reporting of runway surface conditions	960 days		3/3/2025	11/3/2028	
26	<input type="radio"/> g) Aeronautical studies/risk assessments,	960 days		3/3/2025	11/3/2028	

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	Name	Duration	Observation	Start	Finish	
27	<input type="radio"/> h) Enforcement, and ⓘ ⋮	960 days		3/3/2025	11/3/2028	
28	<input type="radio"/> i) Signs, Markings and Lighting.	960 days		3/3/2025	11/3/2028	
29	<input type="radio"/> ▼ AGA Training Program and Plan for CAA	1170 days		6/3/2024	11/24/2028	
30	<input type="radio"/> ▼ Assistance Session	968 days		1/20/2025	10/4/2028	
31	<input type="radio"/> Development of support material	238 days	Support with AGA SME	1/20/2025	12/17/2025	
32	<input type="radio"/> Assistance Session to develop Training Program and Plan for CAA	728 days	2 Workshop in 1 week	12/22/2025	10/4/2028	
33	<input type="radio"/> ▼ Support to CAA to develop its AGA Training Programs and Plan	1170 days		6/3/2024	11/24/2028	
34	<input type="radio"/> Develop the AGA Training Programs and Plan a maximum of 10 States	730 days		2/9/2026	11/24/2028	
35	<input type="radio"/> Follow-up the approval by CAA	730 days		6/3/2024	3/19/2027	
36	<input type="radio"/> ▼ Aerodrome Certification Assistance	1015 days		1/20/2025	12/8/2028	
37	<input type="radio"/> ▼ Aerodrome Manual Assistance	910 days		6/16/2025	12/8/2028	
38	<input type="radio"/> Develop the Template Aerodrome Manual	180 days		6/16/2025	2/20/2026	
39	<input type="radio"/> Assistance session on Aerodrome Manual	215 days	02 workshop	2/23/2026	12/18/2026	

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	Name	Duration	Observation	Start	Finish	
40	▼ Assistance session on maximum 30 international aerodrome in the completion of the Aerodrome Manual	730 days	With SMEs	2/23/2026	12/8/2028	
41	Assistance session virtual to 30 international aerodromes on Aerodrome Manual	730 days	With SMEs	2/23/2026	12/8/2028	
42	Mission assistance session on site - maximum 15 international aerodromes	730 days	With SMEs	2/23/2026	12/8/2028	
43	Follow-up the review and accept the Aerodrome Manual by CAA	730 days		2/23/2026	12/8/2028	
44	▼ Assistance session on Corrective Action Plan	730 days		2/23/2026	12/8/2028	
45	Assistance session on Corrective Action Plan	730 days	04 workshop	2/23/2026	12/8/2028	
46	Follow-up the review and accept on Corrective Action Plan by CAA - maximum 15 international aerodromes	730 days		2/23/2026	12/8/2028	
47	▼ Follow-up the granting of the Aerodrome Certificate	1013 days		1/20/2025	12/6/2028	
48	Follow-up the grant of an aerodrome certificate by CAA	1013 days		1/20/2025	12/6/2028	
49	Follow-up the promulgation of safety information - AIP by CAA	1013 days		1/20/2025	12/6/2028	