

## INTERNATIONAL CIVIL AVIATION ORGANIZATION

Firth Meeting of the APIRG Airspace and Aerodrome Operations Sub-Group  
(AAO/SG5), Virtual, 23 to 26 August 2022**Agenda Item 3. Achievements in Airspace and Aerodrome Operations****Agenda Item 3.3: Update of the Project Teams****TRAINING AND QUALIFICATION OF AGA TECHNICAL STAFF (REGULATOR AND AIRPORT OPERATORS) PROJECT***(Presented by Project Team)***SUMMARY**

This paper presents progress report on the status of development of proposed project for training and qualification of AGA technical staff for both the aerodrome regulator and operators.

**Action by the meeting is as per paragraph 3****REFERENCE(S):**

- Terms of Reference of the Training and Qualification Project Team
- States' responses to the Training and Qualification Questionnaire

**Related ICAO Strategic Objective(s):**

**A** – Safety, **B** – Air Navigation Capacity and Efficiency

**1. INTRODUCTION**

1.1 The meeting will recall APIRG 23 Conclusion 23/10 in which required the Aerodrome Operations Project teams be reorganised for effective and efficient reporting. It is desirable that adequate capacity be built in AFI Region for training and qualification of aerodrome operational personnel and regulatory personnel.

1.2 The objective of this project is to increase training opportunities of aerodrome inspectors and technical personnel in the region by facilitating the development of comprehensive training programmes, in coordination with the AFI region Training Centers.

1.3 The meeting will also recall Decision 24/22 of the Twenty-fourth Meeting of the AFI Planning and Implementation Regional Group (APIRG), held virtually from 2 to 4 November 2021, which endorsed the Work programme of the Airspace and Aerodrome Operations Sub-Group (AAO/SG).

1.4 To complete the development of a Project document on the Training and qualification of AGA technical staff (Regulators and airport operators), the project team identified and initiated the conduct of a gap analysis in the States.

## 2 DISCUSSION

2.1 Noting the cost related to obtaining training and the need to mitigate this, the project proposes to utilize resources within the AFI Region to develop and deliver quality training that ensures sustainability of such training and appropriateness to the operational conditions in the region.

2.2 The project proposes to enhance the profile of the region and Training organisations by developing suitable courses to be hosted by the Approved Training Organisations (ATOs) and therefore ensure sustainability in the training and qualification of aerodrome personnel across the region.

2.3 The project team has developed a project document which is at 80% and the completion of the development of the Project document required a gap analysis of the AGA technical expertise in the States, for which States were invited to contribute.

2.4 To perform a gap analysis of the training and qualification in the Aerodrome domain, a questionnaires were sent to the States to gather data on the training and qualification of their aerodrome inspectors and the challenges encountered in regard to training, and information regarding training organisations providing training in AGA technical areas.

2.5 Only Fifteen (15) States out of the forty eight (48) States, accounting for 31.25%, of the States in ICAO ESAF and ICAO WACAF and one (1) training organization responded to the questionnaires.

2.6 Responses provided information on the qualification of their aerodromes inspectors as well as their challenges. The analysis of the responses to the questionnaire highlighted the following aspects, illustrated by the graphics in Appendix A of this paper:

2.6.1 *State Information – Qualification of Staff:* 100% of the Sates that responded have accredited AGA inspectors although many it was noted that many of the States that responded do not have; qualified ICAO instructors, certified ICAO course developers, certified USOAP CMA Auditors in of AGA and qualified ACI APEX assessors

2.6.2 *State Training Profile:* All the states indicated that they had an on the job training programme for aerodrome inspectors, however one of the four States indicated that they do not conduct training needs assessment for their aerodrome inspectors.

2.6.3 *State training Content:* In most of the States, aerodrome inspectors are not trained in all the basic areas that must be included in the initial training as listed in the training questionnaire. The following courses had at least more than one state that did not offer them; Aerodrome Design and Planning, Aerodrome Operations, Aerodrome Maintenance, Pavement design, construction or maintenance, Aerodrome electrical system, Obstacle Control, Rescue and firefighting services, Aeronautical studies and Wildlife Hazard Management.

2.6.4 *State Project Support Commitment:* The responding States all expressed commitment to support and participation in the development of inspector training for the AFI region.

2.7 *Challenges:* The main challenges raised by the States in regard to training were:

2.7.1 Insufficient funds to train the aerodrome inspectors

2.7.2 lack of specialized training within the region, in English-French language

2.7.3 Lack of training centres within the region

2.7.4 Lack of in-house instructors

2.7.5 Cost of training, including cost of travel.

2.7.6 Difficulties in implementing the training policy within the CAAs

2.8 Only one Training organization responded to the questionnaire, and below is a summary of the response.

2.8.1 *Training Organization Profile:* The training organisation is certified Train-Air plus and confirmed the delivery of aerodrome inspector courses.

2.8.2 *ATO Project Support Commitment:* The ATO expressed commitment to support and participation in the development of inspector training for the AFI region.

2.9 The obtain a gap analysis that reflects the status of qualification and training of AGA technical personnel in the region, the project team proposes to have responses from more than 50% of the states in the AFI region analysed.

### **3 ACTIONS BY THE MEETING**

The meeting is invited to:

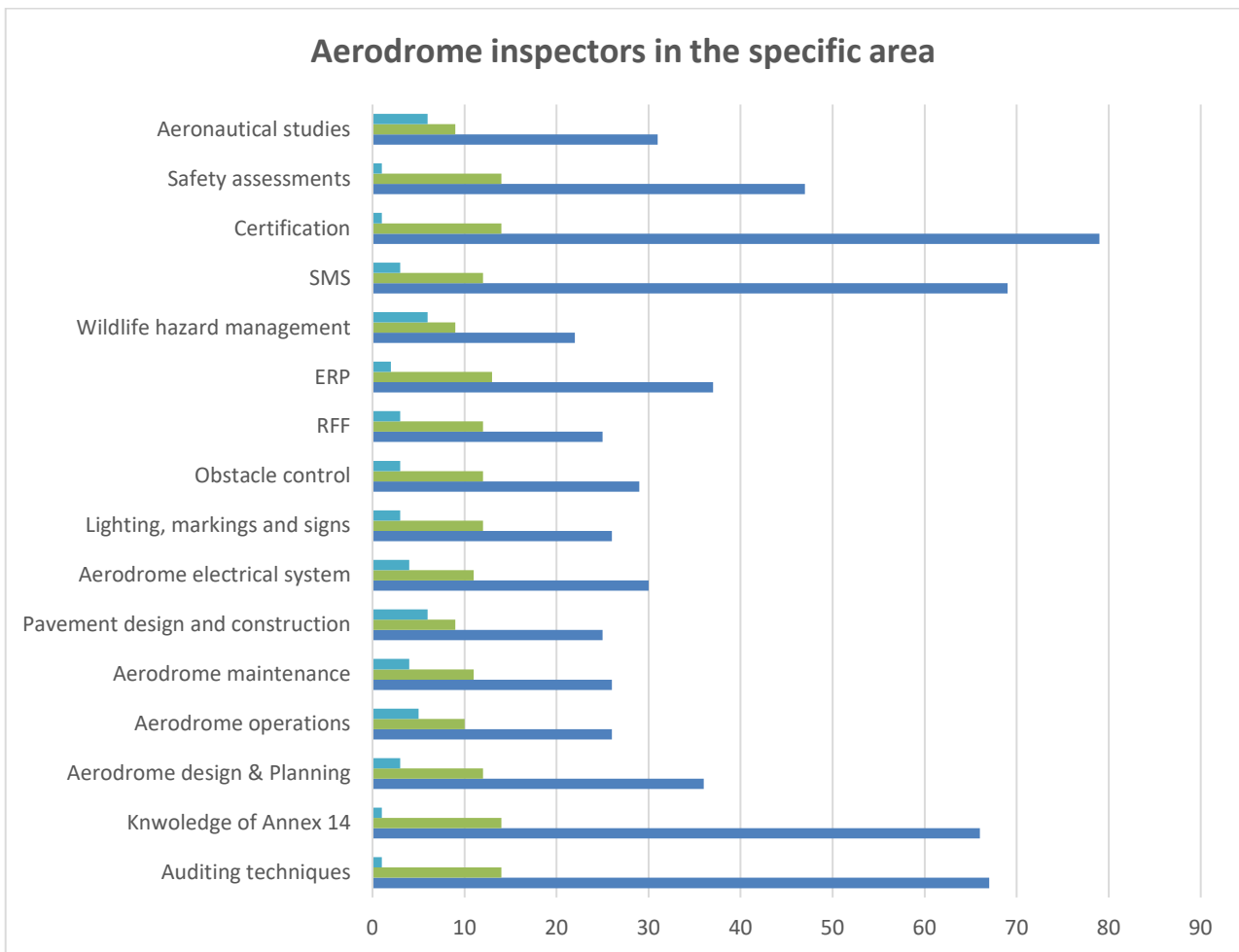
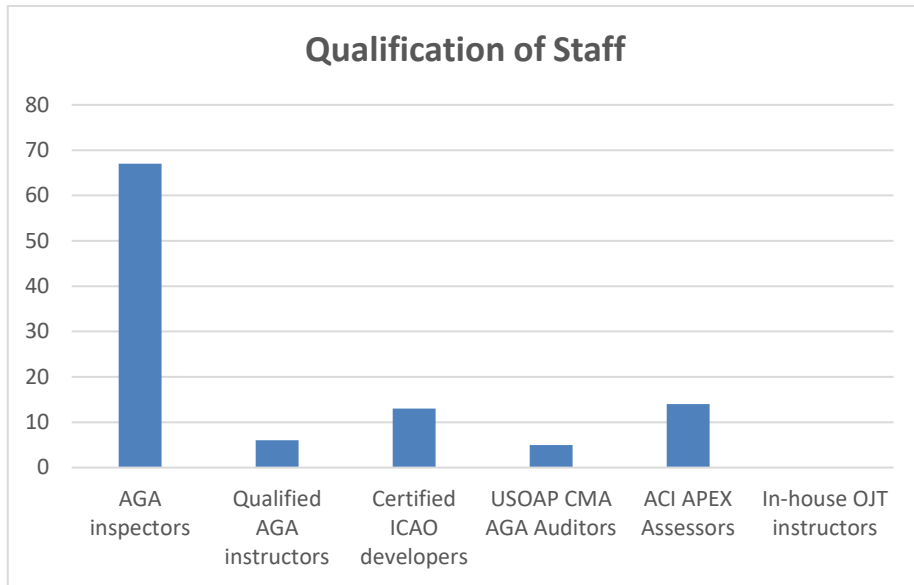
3.1 Take note of the information provided in this paper,

3.2 Encourage States to respond to the questionnaire in order to complete the gap analysis

#### **Appendices:**

Appendix A – Graphical representation of the analysis

## APPENDIX A: GRAPHICAL REPRESENTATION OF THE ANALYSIS



States without trained inspectors  
 States with trained inspectors  
 Number of inspectors trained