

Presented at APIRG 24/ and RASG-AFI/7 Joint Sessions

## Introduction



## **COVID 19 Impacts**

- The emergence of COVID 19 in 2020 left significant negative impact on aviation, affecting businesses and travel and virtually every sector of the global economy.
- > Immediate adverse effects include:
  - > attendant <u>lockdown</u>;
  - > imposition of new <u>health and travel restrictions</u>;
  - right general disruptions to the prevailing <u>social and</u> <u>economic order</u>.





## Internal Process and Systems Re-appraisal

- The changes not only affected the <u>needs and</u> <u>expectations</u> of all aviation stakeholders, it also affected the <u>risk and opportunities</u> that these Organizations face.
- Many in the aviation sector were forced to re-access their systems, procedures and processes, with a view to
  - ✓ determining to what extent they have been affected;
  - ✓ what <u>deviations and losses have arisen</u>;
  - ✓ <u>adjustments</u>, <u>mitigations</u>, <u>contingencies</u> required in the immediate and long term.





#### Systems Appraisal and Intervening Measures

- ➤ Just like other Organizations, BAGASOO was compelled to look inwards :
  - ✓ <u>re-evaluate its annual work programme</u> for the year;
  - ✓ re-organize its activities so as <u>to remain relevant and</u> <u>consistently deliver on its planned obligations</u> to Member States.
- The reorganization allowed a <u>re-alignment and redesign</u> of existing programmes and project to permit greater use of remote online technology.

## **Immediate Interventions**

#### **BAG Region COVID 19 Task Force**

- Task Force was established, to assist in harmonizing the COVID-19 Risk Management Protocols of Members States for the restart of Aviation Operations.
- > Several teleconferences were held and activities undertaken include :
  - ✓ Creation of working groups by specialties;
  - ✓ Developing harmonized protocols and implementation procedures for risk mitigation;
  - ✓ Developing implementation procedures to cover *areas* not addressed;
  - ✓ Recommending *best practices for adoption* by States.

## **Immediate Interventions**

#### **Issuance of Safety Circulars**

- To facilitate a restart of aviation operations within the region, BAGASOO developed and issued several documents and safety circulars to assist its Member States.
- The documents provided information and guidance on the measures that CAAs and service providers can <u>adopt on</u> <u>safety risk management applicable</u> to the aviation personnel due to changes triggered by COVID-19.

## **Immediate Interventions**

#### **CRRIC Database**

➤ BAGASOO provided assistance to member States in the <u>preparation of State responses</u> to the recommendations on the CART and in providing <u>State information</u> for the <u>CRRIC database</u>. BAGASOO has been working closely with states on the implementation of the CART additional phases.

#### **COVID 19 Contingency Related Differences**

Assistance was given to States in the <u>filing of COVID 19</u> <u>contingency related differences</u> in the EFOD subsection of the OLF.

## **Immediate Interventions**

#### Crises Communication Strategies

- Robust crisis communication strategies were also introduced and explored to <u>strengthen internal and external means</u> of <u>reaching out</u> to member States and the general public during and after the pandemic or any other crises. More communication have been forged with with States by virtual means.
  - ✓ *High Level meeting* eg Board now being remotely convened.
  - ✓ Also several <u>specialty specific meetings</u> have been held to follow up on the status of activities and give support eg GRF aerodrome certification.
  - ✓ Several <u>individual meeting</u> with State focal points on press urgent needs.

## Medium-Term Interventions

## Virtual Training

- In order to <u>adapt to the new normal</u> in respect to training, technical staff have received training on ICAO Virtual Classroom Instruction <u>(VCI) course</u> for the virtual delivery of courses.
- ➤ With the knowledge acquired and the requirement for physical distancing, <u>BAGASOO courses</u> are being repackaged to have a virtual component.
- > <u>CITS</u> has been <u>completed</u>.
- Trial run has been delivered and three member States benefited.

## Medium-Term Interventions

## Software Revamping

- ➤ BAGASOO ITRAQS/ISATS and FASAP software are being revamped to ensure continuity in the operation and use of aviation safety tools to ensure:
  - ✓ Adoption of a more <u>robust and modern technology</u>;
  - ✓ Increased *security*;
  - ✓ <u>Scalability</u> of application and ease of support to States.
    - Additional features will include <u>French and</u> <u>Portuguese interfaces</u>

## Medium-Term Interventions

## Cooperative Training Scheme (CTS)

- To be able to meet increasing demand for its training services, particularly with the ITRAQS, in the face of reduced opportunities for in-person training BAGASOO is planning to introduce Cooperative Training Scheme. Characteristic features will include:
  - ✓ use of a *larger number of instructors* for the training work by the BAGASOO;
  - ✓ the opportunity to provide <u>national instructors experience</u> <u>and exposure to various training;</u> and
  - ✓ vastly improved cost economies and savings realized from not permanently retaining regional instructors.

## **Medium-Term Interventions**

## Structured Task Based Training for Aviation Lawyers

- Siven the need for <u>harmony, stronger interface and seamless</u> working relation between inspectors and aviation lawyers in the conduct of CAA oversight functions, BAGASOO is establishing an ITS based Training Programme.
- ➤ Ongoing activities include:
  - ✓ development of training Process documentation;
  - ✓ Review and validation process will include technical sessions with by BAG committee legal committee of experts and TCR.
- ➤ Upon completion, <u>ITRAOS software</u> will be <u>upgraded</u> with addition features/module to support legal component

## Medium-Term Interventions

#### **Quality Management System**

- In response to the turbulence triggered by COVID 19, BAGASOO adopted a Quality Management System (QMS) that is agile, recognizing the need to implement change in a *timely*, orderly manner and for efficient delivery of services to States.
  - ✓ QMS systems, *procedures and processes are in place*.
  - ✓ <u>Training</u> has been delivered to Staff on QMS familiarization and Internal Audit.
  - ✓ *Mock QMS* audit is being planned to test existing processes.
  - ✓ The process of *ISO certification* will soon commence.
  - ✓ EASA consultant provided general guidance and support.

## Long-Term Interventions

## Strengthening the Harmonization Process

#### Current Measures

- In keeping with its mandate as captured in the BAGASOO agreement, Organisation has from inception consistently implemented a number of measures to promote *gradual process* of *harmonization* within the BAG region. This include:
  - ✓ Development to *generic documents* viz regulations, guidance materials and procedure manual;
  - ✓ *Review and finalization* by TCR Committee;
  - ✓ Board approval;
  - ✓ *On –demand* assistance to States in *adaptation*.

## Long-Term Interventions

## Strengthening the Harmonization Process

#### Measures being Taken

- To further strengthen these measures and accelerate the process, BAGASOO has commenced work on the preparation of a definitive policy framework on harmonization including the following:
  - ✓ A specific working methodology;
  - ✓ Tools to *measure progress* from time to time;
  - ✓ Provide for <u>regular strategic revision</u> of the elements in the policy; and
  - ✓ Provides a *clear pathway* to follow and sense of direction.





#### **Intervention Outcomes**

With the current aforementioned interventions, necessitated by the COVID 19 and other measures being considered for integration into our operational processes and systems, the Organisation's <u>resilence and capacity</u> to adapt has been strengthened. Its <u>efficiency and operational performance</u> will be positively affected in the long term. It is to a <u>large extent better equipped</u> to confront future unforeseen upheavals that may impact the conduct of its business.



# THANK YOU MERCI OBRIGADO