**Twenty-Fourth Meeting of the AFI Planning and Implementation Regional Group (APIRG/24)**
**(Virtual – 2 to 4 November 2021)**

**Agenda Item 4: Other Air Navigation Initiatives**

**Safety Work Group Webinars: RPAS**

*(Presented b CANSO Africa)*


| SUMMARY | |
|---|---|
| This working paper presents the work done by CANSO Africa in supporting the implementation and management of RPAS in Africa.<br><br>Action by the Meeting is at paragraph 3 | |
| *Strategic Objectives* | CANSO Africa Seeks to ensure that the Africa members understand the impact of the introduction of new entrants in the industry and in this instance the Remotely Piloted Aircraft Systems (RPAS). |


## 1 INTRODUCTION

1.1 CANSO main objectives are to improve ATM performance and support members in implementing all the recommended practices by ICAO, which includes having adequate capacity for the implementation of RPAS, UTM in their operations.

## 2. DISCUSSION

2.1. On 24-26 August 2021 CANSO Africa held a 3 Part series Operations webinar under the theme" Emergence of Remotely Piloted Aircraft Systems (RPAS), Integration, Benefits and Hazards in Africa. Part 1 focused on Awareness/Regulations, Part 2 on Training and Integration and Part 3 on Global Experience and Best Practice. The objective of the webinar was to look at the following aspects:

- ✓ Understand the risks and potential consequences of loss separation between RPAS or manned aircraft.
- ✓ Address RPAS operational issues likely to impact the control of manned aircraft
- ✓ Understand the risks of loss of control of an RPAS and the Command Center.

- ✓ The dangers in intentional operation of RPAS into restricted, controlled or prohibited areas.
- ✓ Understand how to fully integrate RPAS/UTM into existing ATM Systems
- ✓ Effects of weather on RPAS Operations
- ✓ Training and licensing of operators
- ✓ Broaden perspective and knowledge on the potential of RPAS technology in the aviation industry
- ✓ Safety culture among RPAS operators and Operations
- ✓ Learn from facilitators with global, industry, organizational and research experience.

## 3 ACTION BY THE MEETING

3.1 The meeting is invited to:

a) Note the information in the working paper
b) Urge States, Industry and other Stakeholders to support the work being done by CANSO in the RPAS environment.
c) Note the progress made and support it