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**AIC**  
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## **AVIATION ENVIRONMENTAL PROTECTION: CARBON OFFSETTING AND REDUCTION SCHEME FOR INTERNATIONAL AVIATION**

### **1. PURPOSE**

The purpose of this Aeronautical Information Circular (AIC) is to inform the aviation industry of plans to introduce regulations relating to the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) in order to prepare aeroplane operators for implementation of the Scheme.

### **2. APPLICABILITY**

This AIC is applicable to all operators of aeroplanes with a maximum certificated take-off mass (MCTM) greater than 5 700 kg conducting international flights.

### **3. BACKGROUND**

The International Civil Aviation Organization (ICAO) had adopted Standards and Recommended Practices (SARPs) for CORSIA, a global Mass Based Measure (MBM) designed to help achieve the aspirational goal of carbon (CO<sub>2</sub>) emissions reduction from Year 2020 going forward. The CORSIA scheme is voluntary from 2021 until 2026, after which it will become mandatory.

The Republic of Botswana has voluntarily decided to join the scheme in 2021. However, monitoring of CO<sub>2</sub> emissions by aeroplane operators is expected to start on 01 January 2019 in order to collect baseline data that will be used to implement offsetting in 2021.

Currently, the State is in the process of developing CORSIA-related regulations based on the Standards and Recommended Practices (SARPs) adopted by ICAO.

### **4. HOW CORSIA WILL BE ADMINISTERED**

4.1 CORSIA will apply to international flights between participating States by aeroplane operators that produce annual CO<sub>2</sub> emissions greater than 10 000 tonnes from the use of an aeroplane(s) with an MCTM greater than 5 700 kg

conducting international flights, on or after 1 January 2019, with the exception of humanitarian, medical and firefighting flights.

4.2 Starting 01 January 2019, each aeroplane operator will be expected to submit verified emissions reports to CAAB annually.

4.3 CAAB will consolidate emissions data from all aeroplane operators attributed to Botswana and submit total emissions data to ICAO.

4.4 CAAB will administer CORSIA on behalf of the Republic of Botswana. The Authority's role will include:

- (a) Evaluation and approval of Emissions Monitoring Plans (EMP) developed by aeroplane operators, describing among others, the methodology to be used by the operator to monitor their emissions;
- (b) Reporting aggregated emissions for the State and emissions units cancelled to ICAO; and
- (c) Providing guidance and support to operators to help them comply with the scheme.

## **5. PREPARATORY ACTIVITIES**

5.1 Operators who are subject to the scheme will be required to:

- Submit an Emissions Monitoring Plan to the Authority for approval by the end of October 2018.
- Monitor and report their emissions from 1<sup>st</sup> January 2019 until 31<sup>st</sup> December 2020, after which operators will start to accrue offsetting obligations for their emissions above the 2020 baseline.

5.2 CAAB will hold meetings with the industry in October – November 2018 to provide further details and clarity on CORSIA. Guidance for developing Emissions Monitoring Plans will also be provided.

## **6. FOCAL POINTS**

In order to facilitate communication on CORSIA related matters, operators of aeroplane above 5, 700 kg Maximum Take Off Weight conducting international flights will be expected to nominate CORSIA Focal Points and Alternates and provide their contact information to CAAB as soon as practicable but not later than 19 October 2018.

## **7. ADDITIONAL INFORMATION**

Additional information is available on the ICAO CORSIA Page (<https://www.icao.int/environmental-protection/CORSIA/Pages/default.aspx>) or CAAB Flight Safety Oversight office.