

CORSIA AT A GLANCE SERIES

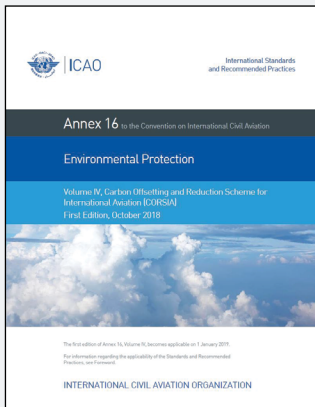
CORSIA IMPLEMENTATION COMPONENTS

In order to implement CORSIA, a series of components are being developed to provide stakeholders with the necessary information. The **Standards and Recommended Practices (SARPs) in Annex 16 Volume IV ①** provide the actions by States or operators (the “what” and “when”) to implement CORSIA, while the **Environmental Technical Manual (ETM) Volume IV ②** provides the guidance on the process (the “how”) to implement CORSIA.

Due to CORSIA specific characteristics, **Implementation Elements ③** are also being developed as another component of the CORSIA structure, which do not require actions by States or operators, but contain essential information for implementation of CORSIA.

① SARPs Annex 16 Volume IV

Actions



Part I. DEFINITIONS, ABBREVIATIONS AND UNITS

Part II. CARBON OFFSETTING AND REDUCTION SCHEME FOR INTERNATIONAL AVIATION (CORSIA)

- CHAPTER 1.** Administration
- CHAPTER 2.** Monitoring, Reporting and Verification (MRV) of Aeroplane Operator Annual CO₂ Emissions
- CHAPTER 3.** CO₂ Offsetting Requirements from International Flights and Emissions Reductions from the Use of CORSIA Eligible Fuels
- CHAPTER 4.** Emission Units

APPENDICES

- APPENDIX 1.** Administration Procedures
- APPENDIX 2.** Fuel Use Monitoring Methods
- APPENDIX 3.** CO₂ Emissions Estimation and Reporting Methods and Tools
- APPENDIX 4.** Emissions Monitoring Plans
- APPENDIX 5.** Reporting
- APPENDIX 6.** Verification

ATTACHMENTS

- Attachment A.** Attribution Processes
- Attachment B.** Applicability of MRV Requirements to International Flights
- Attachment C.** Processes for Fuel Use Monitoring

② ETM Volume IV (Doc 9501)

Guidance Material



CHAPTER 1. INTRODUCTION

CHAPTER 2. GENERAL GUIDELINES

- 2.1** Applicability of MRV of Annual CO₂ Emissions from an Aeroplane Operator
- 2.2** Applicability of CO₂ Offsetting Requirements

CHAPTER 3. GUIDELINES ON MONITORING, REPORTING AND VERIFICATION

- 3.1** Monitoring
- 3.2** Reporting
- 3.3** Verification

CHAPTER 4. GUIDELINES ON CALCULATION OF OFFSETTING REQUIREMENTS

- 4.1** Calculation of offsetting requirements during the 2021-2029 compliance periods
- 4.2** Calculation of offsetting requirements during the 2030-2035 compliance periods
- 4.3** CO₂ emissions from 2019-2020 for calculation of offsetting requirements
- 4.4** Sector Growth Factor

CHAPTER 5. ADMINISTRATIVE PARTNERSHIPS UNDER CORSIA

- 5.1** Example of a Bilateral Agreement

APPENDIX 1.

STANDARDIZED EMISSIONS MONITORING PLAN AND REPORTING TEMPLATES

3 ICAO CORSIA Implementation Elements

(Directly referenced in the SARPs)

Five ICAO CORSIA Implementation Elements will be reflected in fourteen ICAO documents directly referenced in the Volume IV of Annex 16 and will contain material to be approved by the ICAO Council for publication by ICAO to support such Annex. These publications will be made available on the ICAO CORSIA website after they are approved by the ICAO Council.

1 CORSIA STATES FOR CHAPTER 3 STATE PAIRS

- **Description:** States' participation in CORSIA, to define route-based emissions coverage every year from 2021.
- **Expected availability:** 30 July 2020.
- **Periodicity of updates:** updated annually.

2 ICAO CORSIA CO₂ ESTIMATION AND REPORTING TOOL (CERT)

- **Description:** ICAO tool for simplified monitoring, reporting and verification (MRV) procedures.
- **Availability:** 2018 (estimation functionality only).
- **Periodicity of updates:**
 - 2019 version (reporting function to be added).
 - 2021 version (reporting by route-coverage).

3 CORSIA ELIGIBLE FUELS

- **Description:** Information related to CO₂ emissions reduction from CORSIA Eligible Fuels.
- **Expected availability:** No later than 2021.
- **Periodicity of updates:** as needed (e.g., updates of default life-cycle methodologies / default life cycle values for new fuels and new eligible certification schemes).

4 CORSIA ELIGIBLE EMISSIONS UNITS

- **Description:** Emissions units criteria and eligible emissions units programmes.
- **Expected availability:** No later than 2021.
- **Periodicity of updates:** Periodic updates of the list of eligible programmes.

5 CORSIA CENTRAL REGISTRY (CCR)

- **Description:** Information to be made available from the CORSIA central registry, to allow implementation of CORSIA.
- **Expected availability:** 2020.
- **Periodicity of updates:**
 - From 2020, annual update of total CO₂ emissions data.
 - From 2025, triennial update of information on emissions units and compliance.