



CORSIA AT A GLANCE SERIES

EMISSIONS MONITORING OPTIONS

The CORSIA SARPs request an aeroplane operator to monitor and record its fuel use from international flights to determine its annual CO₂ emissions, in accordance with an eligible monitoring method approved by the State to which it is attributed.

To simplify the estimation and reporting of CO₂ emissions from international flights for operators with low level of activity, ICAO has developed the CORSIA **CO₂ Estimation and Reporting Tool (CERT)**.

ICAO CORSIA CO₂ ESTIMATION AND REPORTING TOOL (CERT)

CERT supports aeroplane operators in:

- Estimating CO₂ emissions.
- Populating the Emissions Monitoring Plan and Emissions Report templates.

CERT also supports all aeroplane operators in determining if their CO₂ emissions are under the threshold to be exempt from the CORSIA reporting requirements (≤ 10 000 tonnes of CO₂ annually).

Aeroplane operators who emit ≥ 500 000 tonnes of CO₂ annually in 2019 and 2020 from international flights*, are not eligible to use CERT to monitor and report emissions, and must choose one of the five eligible methods for **Fuel Use Monitoring** (the five methods are equivalent and there is no hierarchy for selecting a method).

However, all aeroplane operators are able to use CERT to fill in any CO₂ emissions data gaps, regardless of their emissions levels.

CERT	Aeroplane Operators International CO ₂ Emissions (tonnes) 2019 – 2020*		
	≤ 10K CO ₂	< 500K CO ₂	≥ 500K CO ₂
Function / Use			
Preliminary CO ₂ Assessment	✓	✓	✓
CO ₂ Estimation & Reporting	No CORSIA requirement	✓	Not Eligible to use CERT **
Filling Data Gaps	No CORSIA requirement	✓	✓

*Note: from 2021-2035 operators can use CERT to estimate and report emissions if their annual emissions from international flights subject to offsetting requirements are < 50 000 tonnes of CO₂ annually.

**Note: If an aeroplane operator uses CERT for 2019 CO₂ estimation and reporting (based on their preliminary CO₂ assessment) but exceeds the threshold of 500 000 tonnes in 2019, the State could permit the operator to continue to use CERT during 2020.

This flow diagram presents a decision tree for an aeroplane operator to determine whether they are eligible to use the ICAO CORSIA **CO₂ Estimation and Reporting Tool (CERT)**, or shall use one of the eligible **Fuel Use Monitoring Methods**, to monitor and report their CO₂ emissions for international flights in 2019 and 2020.

