

Emissions Reporter

Carbon reporting made easy

Delivering proven, actionable insights for an efficient and sustainable operation.

Emissions Reporter is part of the Boeing Flight Efficiency and Sustainability suite of solutions that collectively identify broad opportunities to reduce fuel consumption, costs and emissions.

Emissions Reporter is a simple, cloud-based reporting tool for CO₂ emissions that can be applied to commercial, business and military aviation operations of any size. It is the only solution on the market that addresses the reporting requirements of each of the following regulatory schemes:

- CORSIA (Carbon Offsetting and Reduction Scheme for International Aviation)
- EU-ETS (European Union Emissions Trading System)
- CH-ETS (Swiss Emissions Trading System)
- UK-ETS (UK Emissions Trading System)
- French National Offsetting Scheme (domestic flights only)

Emissions reporting with a history: For over ten years, Emissions Reporter has helped airlines quickly and easily manage data from hundreds of thousands of flights a year to ensure they fulfill their compliance reporting needs and minimize the associated costs and time involved.

Boeing has been part of the development of CORSIA since its inception and continues to evolve Emissions Reporter to help operators comply with all mandatory carbon reporting requirements. The addition of the UK-ETS is the latest example of how the tool is kept current and continuously meets compliance standards.

Key benefits include:

- A single secure and flexible web-based tool that is user-friendly
- An efficient validation and auditing process with 60+ built-in data verification checks to find and fix data errors quickly and identify gaps and warnings that may need attention
- Accurate and automated report generation for all required carbon reporting formats - just click and submit without the need to export or reconfigure the data
- The airline retains full administrative control
- Rapid solution implementation of 1-2 weeks

Key features include:

- The only tool on the market that meets the reporting needs of all four global regulatory schemes
- Leverages embedded data gap infilling models EuroControl SET (Small Emitters Tool) and ICAO's CERT (Carbon Emissions Reduction Tool)
- Manages fuel and emissions calculations using any of the five regulatorily-permitted methodologies
- Streamlined monitoring for all regulation types, and can support multiple Airline Operations Control Centers (OCC) under one account
- Developing functionality to automate the assignment, tracking and calculation of emissions from Sustainable Aviation Fuels (SAF)
- Applies to annual carbon emissions reporting, as well as ongoing emissions tracking and monitoring

CORSIA Timeline

Phase 1 (Voluntary): 2021-2026

Monitoring, Reporting and Verification of CO₂: Mandatory for all operators meeting the CORSIA eligibility criteria.

Offsetting: Only required for flights between states that have volunteered. The list includes all EU member states, United States, Canada, Australia, Mexico, UAE, UK and many more!

Please note the annual reporting deadline of May 31.

Phase 2: 2027-2035

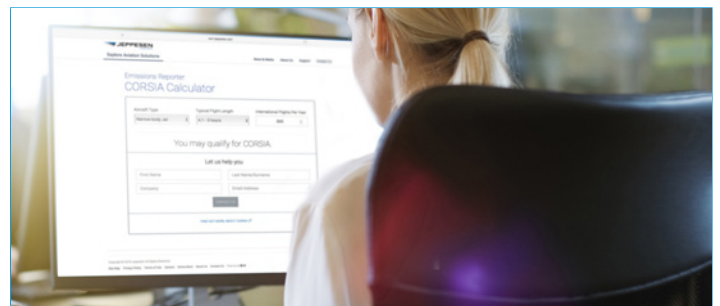
Offsetting: Becomes mandatory for all states except those with low aviation activity or in the least developed countries.

Emissions Reporter: Air Astana Case Study

With a complex emissions-reporting process and a busy operation, employees at Air Astana, the flag carrier of Kazakhstan, used to spend hours manually sorting data and filling out forms to report on their annual carbon dioxide emissions for every single flight to ensure accurate reporting.

Since adopting the Boeing Emissions Reporter solution in 2021, all that has changed.

Air Astana required a solution that automates the data sorting process and generates ready-to-use reports with clearly displayed results, reducing time spent on repetitive tasks that could otherwise be used for deeper analysis or completing other projects. Emission Reporter's tailored and automated data validation capabilities enable Air Astana to easily pinpoint all types of possible errors and address them more quickly.



“Using Emissions Reporter, I no longer have to manually sort flights and fill out the report forms. It saves time and lets me focus on my other projects and tasks.”

Darya Sotskova, Operations Analyst, Air Astana