

## Inaccurate emissions data monitoring may cost a small airline €1 million

- A 1–2% error in emissions data monitoring could cost a small European airline operator up to €1 million for the 2012–2020 reporting cycle
- The company has just linked its **AVIATION FOOTPRINTER™** system to CTA's FOS software, which is available to about 600 operators worldwide
- The partnership provides an established method to harvest ETS data with minimum additional cost

**23 June 2010, London** – ETS Aviation, specialists in aviation emissions monitoring, reporting and verification software and support services, says that inaccuracies or errors in monitoring emissions data could lead to aircraft operators paying more than they should for emissions and getting less than they should in carbon credits. The average cost of European Union allowances (EUAs) is estimated to be upwards of €30 per tonne of CO<sub>2</sub> or about €100 per flight hour for a business jet and €300 for a medium-sized airliner. The total cost depends on the size of operator, but even a small airline with a fleet of six aircraft emitting 150,000 tonnes of CO<sub>2</sub> per year with annual emissions estimated at €4.5 million could lose up to €1 million over the reporting cycle for 1–2% error in monitoring emissions data. Inaccuracies or errors can lead to further fines and penalties as well as additional auditing expenses with the verifier.

This data needs to be 100% accurate, without gaps or errors. Developing in-house systems is expensive, requires constant administrative support and is usually a “quick fix” rather than a well-constructed tool custom-designed for the task. Operators need low-cost and highly effective methods to record and manage the data.

This is why ETS Aviation linked their **AVIATION FOOTPRINTER™** system to Flight Operation System (FOS), developed by Computer Technologies for Aviation (CTA). CTA develops, markets and supports a comprehensive flight operations management system for corporate, government, aircraft management and charter, repair stations and regional airlines operations. FOS is used by around 600 operators worldwide.

Fred Powell, CTA's Chief Technical Officer, says, “Emissions flight data is recorded into the FOS system via a simple upgrade. The emissions data populates a database via **AVIATION FOOTPRINTER™**, which has been custom made for the EU Emissions Trading Scheme. It is a simple solution and it avoids duplication, making life a lot easier for our customers. This system will meet the EU requirements and will also provide a custom-made



**ETS AVIATION**

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CO<sub>2</sub> risk-management system and help locate fuel-saving and emissions efficiency opportunities.”

David Carlisle, CEO of ETS Aviation, says, “It makes perfect sense to record flight and emissions data via one system simultaneously. FOS users have this facility and gain all the functionalities available from **AVIATION FOOTPRINTER™**. The system error checks and flags possible erroneous flight data as well as allowing easy editing to fix inconsistencies. It also produces the annual emissions and the ‘tonne/kilometre’ reports at the click of a mouse. This new agreement follows a partnership with Aerobytes, developer of FDM/FOQA software, which was announced last week. Both provide operators with an established method to harvest ETS data with minimum additional cost.”

“**AVIATION FOOTPRINTER™** is designed to be auditor friendly. Leading verification bodies in the UK are looking at the viability of remote verifications using this system.”

**AVIATION FOOTPRINTER™** saves operators of all sizes time and money in five key areas:

1. Eliminates the cost and time involved in developing a home-built solution or modifying an existing system.
2. Reduces time spent in day-to-day administration concerning recording and monitoring emissions data, checking completeness and chasing other departments for data.
3. Reduces the time needed to look for errors and inconsistencies and data gaps.
4. Reduces time in preparing for audit, hosting the audit and cuts down verifier charges.
5. Maximises “tonne/kilometre” carbon credits potential and minimises risk of overpayment and fines.

For sales enquiries please go to [www.ETSaviation.com](http://www.ETSaviation.com), call +351 91 580 1007 or email [info@ETSaviation.com](mailto:info@ETSaviation.com).



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## About ETS Aviation

ETS Aviation Ltd was established in response to the EU's introduction of carbon accounting regulations for the aviation industry in 2009. The company has developed the technology and expertise to not only aid aviation operators in meeting their ETS reporting obligations, but also enable fuel efficiency programmes to sit alongside a fully compliant ETS and carbon footprinting system. ETS Aviation has worked with operators worldwide, from airlines to small corporate flight departments.

ETS Aviation's consultants and partners have expertise in aviation operations, cutting-edge software development, pre-verification and sustainability. This combination is unique and makes ETS Aviation a potent and cost-effective service provider to the aviation industry.

The company is recognised as a leading innovator through its development of the world's first online aviation emissions monitoring and reporting system,

**AVIATION FOOTPRINTER™**.

ETS Aviation's expert consultants, backed by online footprinting technology, offer a range of outsourcing services designed to help operators manage all the ETS requirements at a low cost and with ease.

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For sales enquiries please go to [www.ETSaviation.com](http://www.ETSaviation.com), call +351 91 580 1007 or email [info@ETSaviation.com](mailto:info@ETSaviation.com).

PRESS RELEASE



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