

AIRTRAK: DISCOVER YOUR TRUE CARBON EMISSIONS



Aircraft Carbon Footprint Assessment & Reporting

Unless you have accurate knowledge of your aircraft emissions, managing and reporting on your overall carbon footprint is impossible.

THE EASIEST WAY TO ACCURATELY ASSESS AIRCRAFT CARBON EMISSIONS

Airport operations are being challenged due to the impact of CO₂ emissions on climate change. Whilst airlines are directly responsible for aircraft CO₂ emissions, it is airports that have to deal with the issues locally; with their communities, environmental pressure groups, regulatory authorities and other stakeholders.

In order to maintain and grow your operations your airport needs to:

- ▶ calculate the amount of CO₂ emissions from aircraft
- ▶ understand the major contributors
- ▶ assess and demonstrate the effect of reduction strategies
- ▶ deliver credible reporting to airport stakeholders.

WE HAVE THE SOLUTION...

AirTrak accurately computes carbon emissions from the entire aircraft operation including the LTO cycle and en route. Providing automatic and continuous assessment, it allows the airport to accurately report trends in aircraft carbon footprints and the impact of reduction measures.

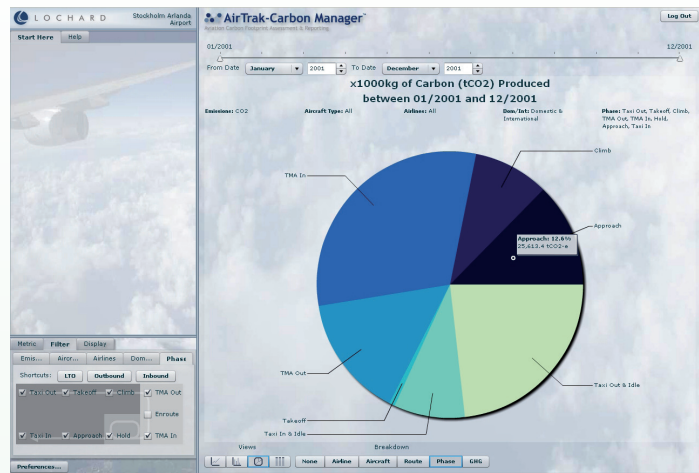
www.bksv.com/AirTrak



Aircraft Carbon Footprint Assessment & Reporting

AIRTRAK PROVIDES:

- ▶ Easy greenhouse gas assessment: AirTrak is web-based and utilises the airport's current Brüel & Kjær infrastructure. Totally automated data collection and reporting ensures minimum resource overhead
- ▶ Continuous assessment: AirTrak delivers a steady stream of data for every aircraft movement
- ▶ Accuracy: AirTrak computes carbon emissions from the actual flight track rather than using averages or approximations
- ▶ Detail: AirTrak computes carbon emissions at each stage of the flight including stages that the airport can directly influence, such as taxiing and holding. This means the airport can implement changes to procedures and assess the effectiveness of these changes
- ▶ Certified results: AirTrak is consistent with International Standards, best practice and will be certified by an independent authority.



Established methods using average times in mode have been shown to over-estimate emissions by up to 30%.

As AirTrak uses actual flight track data, it delivers a very accurate assessment of emissions.

WHY DO YOU NEED AIRTRAK?

Quantifying the major areas of contribution helps airports develop strategies to increase efficiency and reduce emissions.

Once strategies are implemented, AirTrak continuously computes emissions and clearly demonstrates the fuel savings, reduction in emissions, and the airport's contribution to driving efficiency gains for airlines.

In the same way that the noise and track monitoring system helps to reduce noise impact, AirTrak provides an in depth view of actual operations that the airport can change to improve efficiency and reduce CO₂ emissions.

AirTrak delivers a credible, certified result, which can form part of the regular environment and Corporate Social Responsibility reporting from the airport, demonstrating green credentials, delivering reduced operating costs for airlines and supporting the airport's case for future growth.

WHY YOU NEED TO ACT NOW!

Unless your airport can clearly demonstrate that it is doing everything possible to reduce its impact on climate change, it will be unable to convince stakeholders to support expansion plans that directly conflict with national greenhouse gas reduction strategies.

Whilst many airports are excluding the aircraft emissions in their reported footprint, communities are calling for the aircraft footprint to be clearly stated. Unless airports account for, and report their aircraft emissions, they will find themselves in the same situation as with noise. It is the aircraft that make noise, not the airports, but it is the airports that have to deal with the community reaction and manage the noise impact. CO₂ and other emissions are no different.

AIRTRAK: ACCURATE AND DETAILED INFORMATION ON YOUR AIRCRAFT CARBON FOOTPRINT, SO YOU CAN MANAGE EXTERNAL PRESSURES AND INCREASE OPERATIONAL EFFICIENCIES.

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