

# Aircraft Noise

A range of services at your disposal to assess and reduce the noise of aircraft

For more than 30 years Anotec staff members have been involved in **Aircraft Noise Certification**, first at an aircraft manufacturer, later as a private company. In this period, we have gained extensive experience in all aspects of aircraft noise certification processes. We have leveraged this knowledge to a variety of research projects, where our expertise provided significant added value, and which allowed us to maintain state-of-the-art capabilities. We provide our experience in aircraft noise certification and flight testing to support Policy makers and Regulatory bodies in defining future legislation. Our expertise has also been implemented in our software tools, mostly developed in-house. Thanks to this, we are able to offer a wide range of services to assess and reduce aircraft noise.

## Certification

360° solutions for aircraft noise certification, for helicopters, propeller and jet aircraft. Approved by Civil Aviation Authorities worldwide.

## Flight Test

Performance of flight tests with our high-end mobile noise measurement system. Certification standard or tailor-made data analysis procedures.

## Design of Flight Procedures

Design of low noise flight procedures for fixed wing and rotorcraft with our dedicated tool chains. Simultaneous calculation of emissions for trade-offs.

## Low Noise Design

Determination of dominant sources by measurement and/or predictions. Design of optimum noise solutions for rotorcraft with a dedicated tool chain.

## Interior Noise

Measurements to determine the dominant contributors and transfer paths. Definition of noise control solutions.

## Consulting

Leverage of our decades of experience in aircraft noise to provide solutions to our customers.

## R&D

Participation in noise research projects with our tools and knowledge and to maintain our state-of-the-art capabilities.

