

PROJECT FACT SHEET



Acoustics Support Kopter SH09 Kopter Germany GmbH

Anotec was contracted by Kopter Germany (former Marenco Germany) for support in acoustics during the development of the **Kopter SH09**. This support covers all stages in the design and validation process of the helicopter. Predictions of the certification noise levels are being made since even before first flight. An important milestone was the first flight, during which noise measurements were made. Since then a series of engineering tests have been made to obtain additional data and to support the validation of the SARA acoustics tool chain, which is being used to optimize the acoustic design of the SH09. Interior noise measurements have been made at an early stage, so as to be able to optimize the design of the helicopter interior. At the final stage of the development process, Anotec will perform the flight tests and data analysis to obtain the EASA noise certificate.



Kopter Germany GmbH



Since November 2013



**CEDRA Noise Certification System
& IBANET Noise Monitoring system**



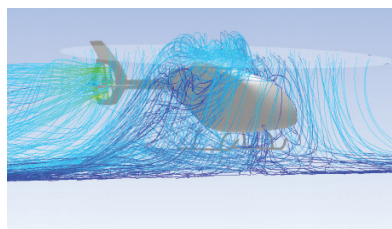
**Modelling with SARA Tool Chain &
Specific Flight Test Reports**



ICAO Annex 16 Noise Certification Standard



Noise Measurements During 1st Flight



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