

# PROJECT FACT SHEET



## Noise certification HAL DO-228 Hindustan Aeronautics, India

Anotec was contracted by the Transport Aircraft Division of Hindustan Aeronautics Limited in Kanpur (India) for the noise certification of the **HAL DO-228** with new 5-bladed propellers, in accordance with ICAO Annex 16, Chapter 10, under Indian DGCA authority. Anotec prepared the Flight Test Plan and supported HAL in the discussions with the Authorities. The flight tests were performed with the Anotec mobile lab in collaboration with the HAL-TAD flight test department. Anotec installed its **Pilot Guidance System** on-board, in order to accurately fly the required flight path. This improved significantly the data quality and reduced the test time considerably. Two test flights were successfully performed at Chakeri Kanpur Airport under good weather conditions. Data from all ground and aircraft systems was then analysed on-site with Anotec's approved CEDRA noise certification software and the noise compliance demonstration report was prepared and submitted to the DGCA. The Project was successfully concluded when DGCA delivered the corresponding noise certificate to HAL/TAD.



HAL Transport Aircraft Division



Noise Compliance Demonstration Reports  
Presentation of Results to DGCA India



November 2017 - December 2017



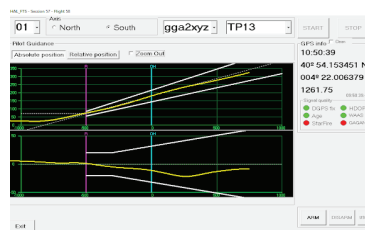
ICAO Annex 16 Noise Certification Standard



CEDRA Noise Certification System



1st Full Noise Certification Project for  
HAL/TAD



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