## PALILA: <u>PsychoAcoustic</u> **LIstening LAboratory**

A quiet, soundproof facility to conduct psychoacoustic listening experiments about human perception of sound. We focus on aerospace noise sources (aircraft, drones, wind turbines, etc.).

This laboratory enables **perception-driven design** for obtaining socially **sustainable aviation** by minimizing annoyance:

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**Fun fact! PALILA** is also a species of Hawaiian honeycreeper (critically endangered, sadly)







## More information about PALILA can be found in:

Merino-Martínez, R. et al. "Design and acoustic characterization of a psychoacoustic listening facility," in the 29th International Congress on Sound and Vibration ICSV 2023.



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