

# HAVE YOU TAKEN YOUR TRAINING?



## AVIATION NOISE



### WHAT IS AVIATION NOISE AND WHY IS IT IMPORTANT?

Having a common understanding of noise and its potential impacts is key to understanding aviation noise:

- Noise is considered unwanted sound that can disturb routine activities (e.g., sleep, conversation, student learning) and can cause annoyance
- In terms of aviation, noise is most often associated with aircraft operations
- Noise has been linked to the following human health impacts:
  - Cognitive impairment in children
  - Increased risk in cardiovascular disease, sleep disturbance, and fatigue



### IN THIS COURSE YOU WILL LEARN:

- Noise levels at airports and potential impacts
- Noise statutes and regulations relevant to airports and airport projects
- Day Night Average Sound Level (DNL) and how it applies at airports
- Noise analysis and how it applies to airports

This course will provide a high-level overview of noise impacts, noise regulations, and how they apply to aviation.

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