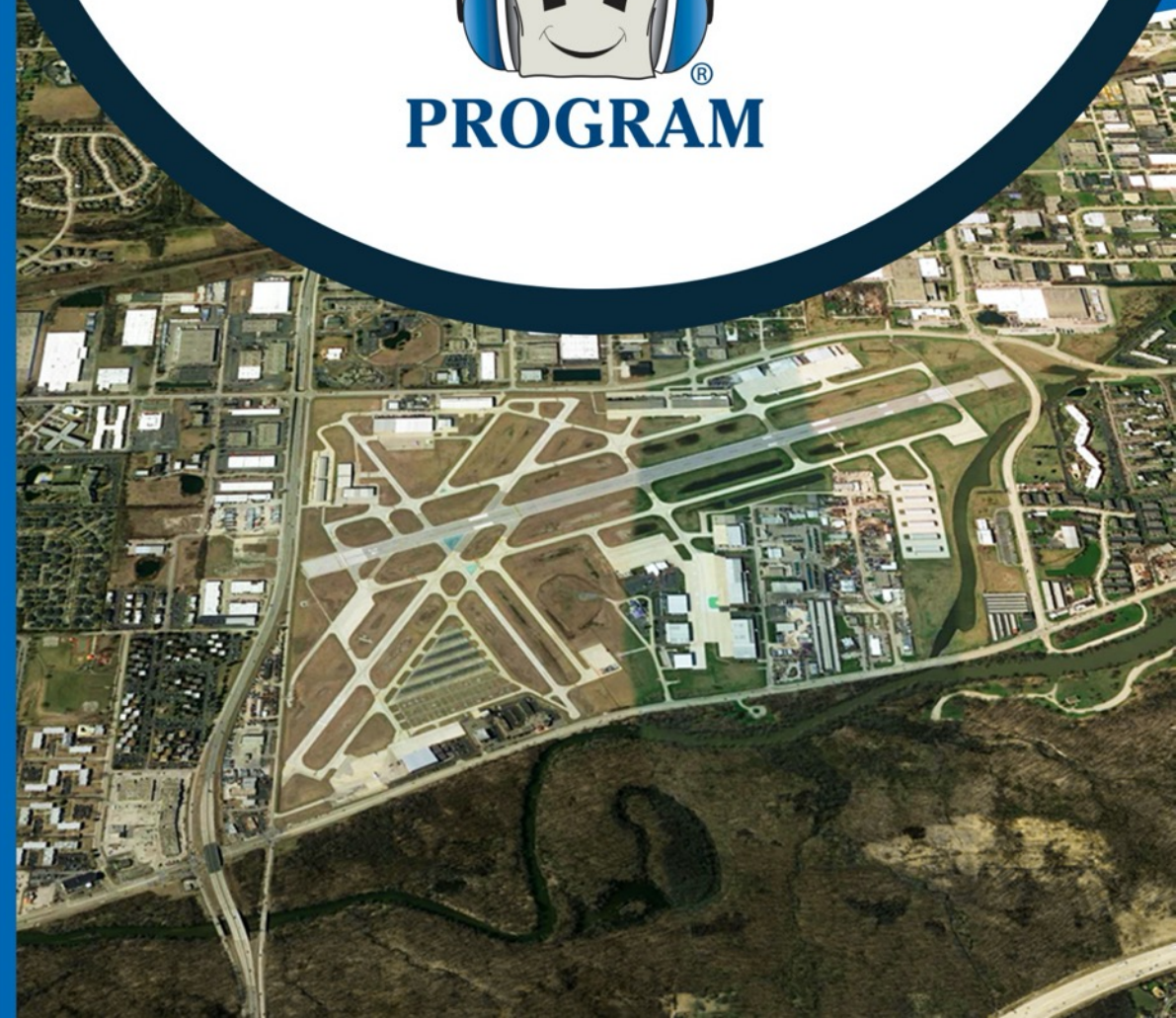


Informational Meeting

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Program Team



Day Robert & Morrison, P.C.
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Executive
Director

Project
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Acoustical
Testing

Environmental

Architectural

GIS

Legal

Common Terms



- > **DNL** – Cumulative yearly day-night average sound level.
- > **dB** – Decibel – a unit used to measure sound level.
- > **Noise Contour** - is a **line** on a map that represents equal levels of **noise** exposure. It accounts for the number of annual flights, aircraft types, flight tracks, runway use and time of day.

Acoustical Testing



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- > All eligible homes will be acoustically tested.
- > Eligibility is determined using (Per FAA Guidelines) the “average interior DNL value calculated from acoustic data collected in all habitable, finished rooms.”
- > If the average interior DNL values are ***equal to or greater than 45dB***, you will be eligible for acoustical treatments.

Acoustical Testing Outside



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Speakers that simulate aircraft sounds are set up outside your home.



Acoustical Testing Outside



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With the speaker on, noise level measurements are taken on the interior and exterior of the home.



Speakers are placed at a distance required to expose the entire façade of the room(s) being tested

Acoustical Testing Outside



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Testers get noise levels from the outside walls and windows

Acoustical Testing Inside



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Inside noise levels are measured

Acoustical Treatments



Acoustical treatments for homes that qualify for sound insulation:

- > Acoustic windows
- > Exterior prime and storm doors
- > Caulking and weather-stripping

Example of Acoustic Windows



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The same type of window will be replaced, but the homeowner can choose between white and almond colors



Example of Doors



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Steel Prime Doors



Wood Prime Doors



Fiberglass Prime Doors



Example of Exterior Storm Door



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Example of Patio Doors



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Conclusion



C&S and airport staff are available to answer any questions

- > Architectural/Mechanical/Construction
- > Environmental
- > Acoustical Testing
- > Be sure to pick up your Homeowner Information Sheet when you leave!