

ROUSH®

AURAL NONDETECTABILITY TESTING

We have one goal — improving the noise and vibration quality of our customers' products. Roush delivers innovative, effective noise and vibration control solutions. By combining advanced analysis capabilities, comprehensive engineering services, and state-of-the-art facilities, Roush has become a proven partner in identifying and resolving challenging noise and vibration issues.

Roush is a full-service noise engineering company, so we can provide development support, unique noise treatments, and manufacturing capability to improve materiel nondetectability.

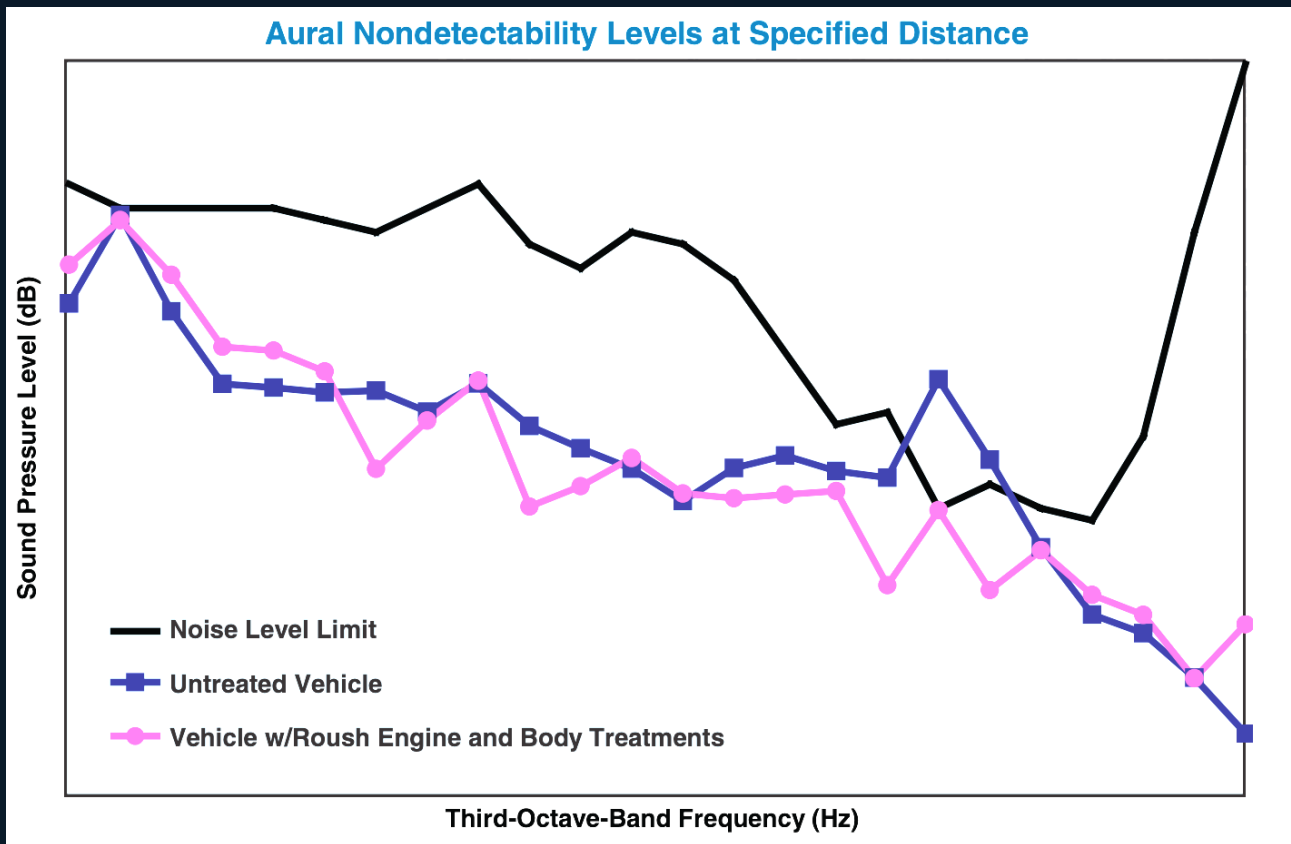
www.roush.com

We're focused, we're efficient, and we're at our best when we're challenged to think outside the box — critical traits when our customers' success depends on how quickly we can take their visions from the sketchpad to the marketplace.

For more information, please [click here](#).

Roush provides testing per MIL-STD-1474D, Requirement 2, Aural Nondetectability. The purpose of the standard is to provide criteria for designing materiel having noise levels that minimize aural detection by an enemy.

Roush provides expert personnel and excellent facilities including a large (23' x 40') hemi-anechoic test chamber with a typical background noise level of 18 dBA and a cutoff frequency of 80 Hz.



With a combination of unique engine and body vibration damping and sound absorption treatments, Roush improved the noise levels of this vehicle to meet a stringent aural nondetectability requirement.

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