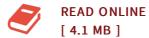




## A Sensitivity Analysis Comparing Two Procedures for Adjusting As-Measured Spectra to Reference Conditions

By U. S. Department of Transportation

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 78 pages. Dimensions: 11.0in. x 8.5in. x 0.2in.Two procedures for adjusting as-measured test-day spectra to reference day conditions the Society of Automotive Engineers (SAE) Aerospace Recommended Practice (ARP) No. 866A (866A) and a procedure utilizing pure-tone absorption equations, developed in support of the International Organization for Standardizations (ISO) 9613-1 and the American National Standards Institutes (ANSI) S1. 26-1995, and refined for application to one-third octave-band data were evaluated and compared. The ISO and ANSI pure-tone absorption equations are identical to each other. The 866A procedure historically has been used for atmospheric absorption corrections for Federal Aviation Regulations (FAR) Part 36, Noise Standards: Aircraft Type and Airworthiness Certification and similar regulations of the International Civil Aviation Organization (ICAO). The ISOANSI procedure analyzed herein is under consideration for inclusion into harmonized regulations. This document presents a comparison of data corrected to several distances using the two different methodologies. This item ships from La Vergne, TN. Paperback.



## Reviews

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