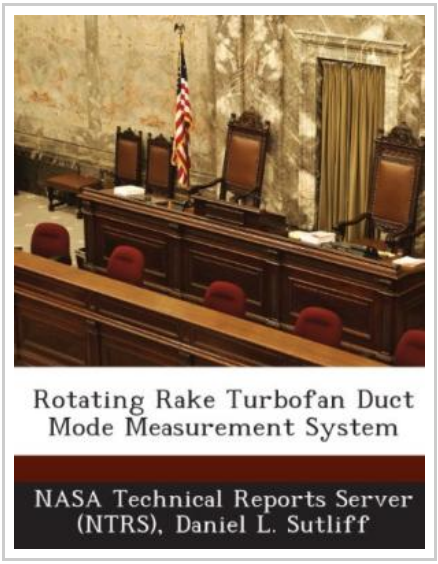

DOWNLOAD

Rotating Rake Turbofan Duct Mode Measurement System

By Daniel L. Sutliff

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 38 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.An experimental measurement system was developed and implemented by the NASA Glenn Research Center in the 1990s to measure turbofan duct acoustic modes. The system is a continuously rotating radial microphone rake that is inserted into the duct. This Rotating Rake provides a complete map of the acoustic duct modes present in a ducted fan and has been used on a variety of test articles: from a low-speed, concept test rig, to a full-scale production turbofan engine. The Rotating Rake has been critical in developing and evaluating a number of noise reduction concepts as well as providing experimental databases for verification of several aero-acoustic codes. More detailed derivation of the unique Rotating Rake equations are presented in the appendix. This item ships from La Vergne,TN. Paperback.

READ ONLINE
[2.52 MB]

Reviews

This pdf is definitely worth getting. Better then never, though i am quite late in start reading this one. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- ***Jeramie Davis***

Extremely helpful for all class of folks. It is really simplified but excitement from the 50 percent of your ebook. You wont sense monotony at at any moment of your time (that's what catalogs are for about if you check with me).

-- ***Prof. Zachary Pollich V***