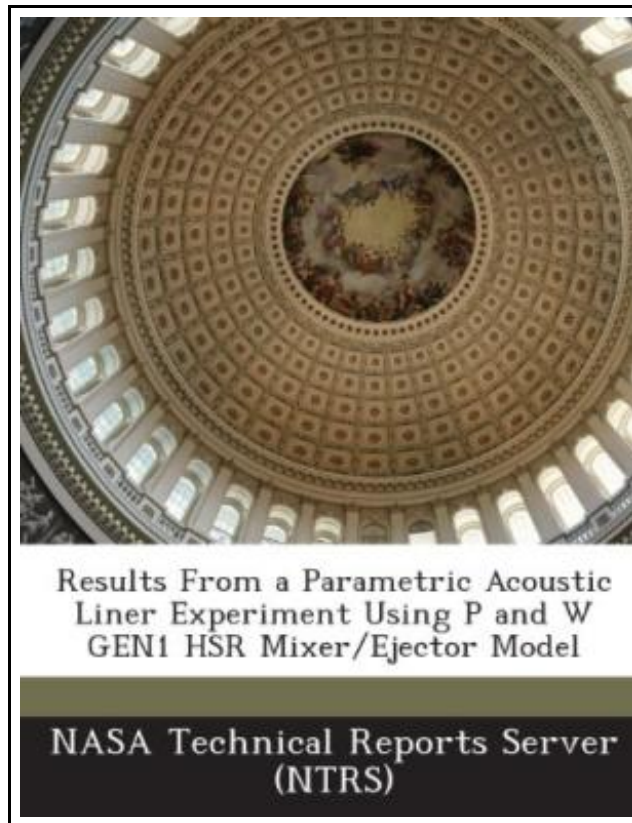


Results from a Parametric Acoustic Liner Experiment Using P and W Gen1 Hsr Mixer/Ejector Model



Filesize: 6 MB

Reviews

*This publication is definitely not simple to begin on studying but quite fun to see. It really is full of knowledge and wisdom I am just effortlessly can get a satisfaction of studying a created pdf.
(Alfreda Bradtke)*

RESULTS FROM A PARAMETRIC ACOUSTIC LINER EXPERIMENT USING P AND W GEN1 HSR MIXER/EJECTOR MODEL



To save **Results from a Parametric Acoustic Liner Experiment Using P and W Gen1 Hsr Mixer/Ejector Model** eBook, make sure you access the web link beneath and download the ebook or gain access to additional information that are relevant to RESULTS FROM A PARAMETRIC ACOUSTIC LINER EXPERIMENT USING P AND W GEN1 HSR MIXER/EJECTOR MODEL ebook.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This report documents the results of an acoustic liner test performed using a Gen 1 HSR mixer/ejector model installed on the Jet Exit Rig in the Nozzle Acoustic Test Rig in the Aeroacoustic Propulsion Laboratory or NASA Glenn Research Center. Acoustic liner effectiveness and single-component thrust performance results are discussed. Results from 26 different types of single-degree-of-freedom and bulk material liners are compared with each other and against a hardwall baseline. Design parameters involving all aspects of the facesheet, the backing cavity, and the type of bulk material were varied in order to study the effects of these design features on the acoustic impedance, acoustic effectiveness and on nozzle thrust performance. Overall, the bulk absorber liners are more effective at reducing the jet noise than the single-degree-of-freedom liners. Many of the design parameters had little effect on acoustic effectiveness, such as facesheet hole diameter and honeycomb cell size. A relatively large variation in the impedance of the bulk absorber in a bulk liner is required to have a significant impact on the noise reduction. The thrust results exhibit a number of consistent trends, supporting the validity of this new addition to the facility. In general, the thrust results indicate that thrust performance benefits from increased facesheet thickness and decreased facesheet porosity.



[Read Results from a Parametric Acoustic Liner Experiment Using P and W Gen1 Hsr Mixer/Ejector Model Online](#)



[Download PDF Results from a Parametric Acoustic Liner Experiment Using P and W Gen1 Hsr Mixer/Ejector Model](#)

Other Kindle Books



[PDF] Weebies Family Halloween Night English Language: English Language British Full Colour

Access the hyperlink beneath to download and read "Weebies Family Halloween Night English Language: English Language British Full Colour" PDF file.

[Download Book »](#)



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Access the hyperlink beneath to download and read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." PDF file.

[Download Book »](#)



[PDF] Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Access the hyperlink beneath to download and read "Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade" PDF file.

[Download Book »](#)



[PDF] Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

Access the hyperlink beneath to download and read "Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade" PDF file.

[Download Book »](#)



[PDF] Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home

Access the hyperlink beneath to download and read "Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home" PDF file.

[Download Book »](#)



[PDF] Growing Up: From Baby to Adult High Beginning Book with Online Access

Access the hyperlink beneath to download and read "Growing Up: From Baby to Adult High Beginning Book with Online Access" PDF file.

[Download Book »](#)