



Calibration for thrust and airflow measurements in the CE-22 Advanced Nozzle Test Facility

By -

No binding. Book Condition: New. This item is printed on demand. Original publisher: Cleveland, Ohio : National Aeronautics and Space Administration, Glenn Research Center, 2010 OCLC Number: (OCoLC)730237522 Excerpt: . . . Figure 13 shows that the 30 and 40-psia PT5 data as well as a repeat 30-psia calibration all fall on the same curve. This curve is divided into three segments for the curve fits, and the resulting equations are shown on the figure. This same curve but with an intercept adjustments is used for the 20 and 14.5 psia data. A second curve fit is done for the intercepts (plot not included) and the resulting equation for duct pressures below 21 psia is also included in Figure 13. Choked-Flow ASME Nozzle Calibration The CE-22 facility airflow and inlet momentum are measured at station 5, and the respective calibration coefficients are determined using choked-flow ASME nozzles for the airflow and thrust calibration values. The ASME equations are based on Reference 5 and are given in Appendix A, calculations F071 to F077. The CV velocity coefficient calculation is modified to use an industry recommendation of 0.109 instead of 0.107 for a constant in the equation....



READ ONLINE
[7.41 MB]

Reviews

Absolutely essential read publication. it absolutely was writtern very completely and valuable. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Sarai Lebsack**

Thorough guide for book enthusiasts. I am quite late in start reading this one, but better then never. Your lifestyle span will be transform when you total reading this article book.

-- **Lindsey Larson**

Relevant Books



A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to sharpen their skills and don't mind...



Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)

SAGE Publications Ltd. Paperback. Book Condition: new. BRAND NEW, Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition), Theresa Casey, 'Theresa's book is full of lots of inspiring, practical, 'how to go about it ideas' coupled with...



It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em

HarperCollins Publishers. Paperback. Book Condition: new. BRAND NEW, It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em, Greg Behrendt, Amiira Ruotola-Behrendt, A fabulous new guide to dating co-authored by Greg Behrendt, former writer on...



Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who can teach you a lot. Everyone who...



Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 211 x 101 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read Write Inc. Set 1 and 2 sounds....



My Best Bedtime Bible: With a Bedtime Prayer to Share

Lion Hudson Plc. Paperback. Book Condition: new. BRAND NEW, My Best Bedtime Bible: With a Bedtime Prayer to Share, Sophie Piper, Claudine Gevry, This heartwarming collection of ten Bible stories is ideal for reassuring and comforting toddlers at the end of the...