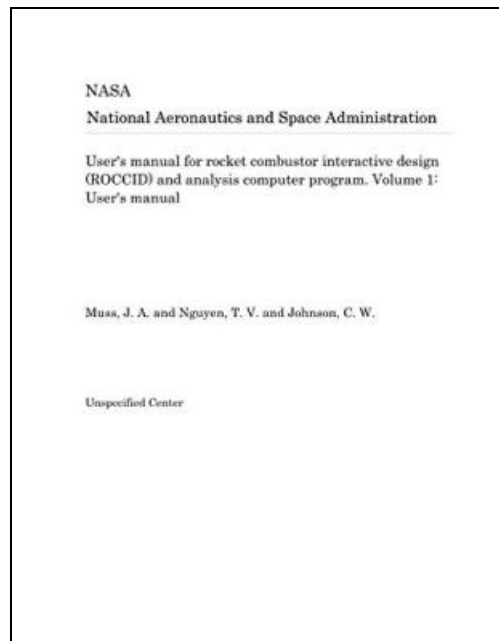


## User's Manual for Rocket Combustor Interactive Design (Roccid) and Analysis Computer Program. Volume 1: User's Manual (Paperback)



Filesize: 7.96 MB

### ***Reviews***

*This type of ebook is everything and helped me looking forward and a lot more. It is actually full of wisdom and knowledge I realized this book from my dad and i suggested this book to discover.*

***(Estelle Grady Sr.)***

## USER'S MANUAL FOR ROCKET COMBUSTOR INTERACTIVE DESIGN (ROCCID) AND ANALYSIS COMPUTER PROGRAM. VOLUME 1: USER'S MANUAL (PAPERBACK)

[DOWNLOAD](#)

To read **User's Manual for Rocket Combustor Interactive Design (Roccid) and Analysis Computer Program. Volume 1: User's Manual (Paperback)** PDF, remember to click the button beneath and download the document or gain access to other information which are have conjunction with USER'S MANUAL FOR ROCKET COMBUSTOR INTERACTIVE DESIGN (ROCCID) AND ANALYSIS COMPUTER PROGRAM. VOLUME 1: USER'S MANUAL (PAPERBACK) ebook.

Independently Published, United States, 2018. Paperback. Condition: New. Language: English. Brand new Book. The user's manual for the rocket combustor interactive design (ROCCID) computer program is presented. The program, written in Fortran 77, provides a standardized methodology using state of the art codes and procedures for the analysis of a liquid rocket engine combustor's steady state combustion performance and combustion stability. The ROCCID is currently capable of analyzing mixed element injector patterns containing impinging like doublet or unlike triplet, showerhead, shear coaxial, and swirl coaxial elements as long as only one element type exists in each injector core, baffle, or barrier zone. Real propellant properties of oxygen, hydrogen, methane, propane, and RP-1 are included in ROCCID. The properties of other propellants can easily be added. The analysis model in ROCCID can account for the influence of acoustic cavities, helmholtz resonators, and radial thrust chamber baffles on combustion stability. ROCCID also contains the logic to interactively create a combustor design which meets input performance and stability goals. A preliminary design results from the application of historical correlations to the input design requirements. The steady state performance and combustion stability of this design is evaluated using the analysis models, and ROCCID guides the user as to the design changes required to satisfy the user's performance and stability goals, including the design of stability aids. Output from ROCCID includes a formatted input file for the standardized JANNAF engine performance prediction procedure. Muss, J. A. and Nguyen, T. V. and Johnson, C. W. Unspecified Center.



[Read User's Manual for Rocket Combustor Interactive Design \(Roccid\) and Analysis Computer Program. Volume 1: User's Manual \(Paperback\) Online](#)



[Download PDF User's Manual for Rocket Combustor Interactive Design \(Roccid\) and Analysis Computer Program. Volume 1: User's Manual \(Paperback\)](#)



[Download ePub User's Manual for Rocket Combustor Interactive Design \(Roccid\) and Analysis Computer Program. Volume 1: User's Manual \(Paperback\)](#)

## Related Books



**[PDF] Genuine new book Essentials of Leadership: Principles and Practice (4th Edition) (U.S.) Shiliboge. (U.S.(Chinese Edition)**

Follow the link beneath to read "Genuine new book Essentials of Leadership: Principles and Practice (4th Edition) (U.S.) Shiliboge. (U.S.(Chinese Edition)" PDF document.

[Save](#) [ePub](#)

»



**[PDF] THE WADSWORTH GUIDE TO RESEARCH 2ED (IE): MILLER-COCHRAN S K**

Follow the link beneath to read "THE WADSWORTH GUIDE TO RESEARCH 2ED (IE): MILLER-COCHRAN S K" PDF document.

[Save](#) [ePub](#)

»



**[PDF] Ladybird Tales: The Princess and the Pea (Hardback)**

Follow the link beneath to read "Ladybird Tales: The Princess and the Pea (Hardback)" PDF document.

[Save](#) [ePub](#)

»



**[PDF] Pacemaker: English Composition, Teacher's Answer Edition**

Follow the link beneath to read "Pacemaker: English Composition, Teacher's Answer Edition" PDF document.

[Save](#) [ePub](#)

»



**[PDF] Elements Of Optoelectronics & Fiber Optics (Pb: Chen**

Follow the link beneath to read "Elements Of Optoelectronics & Fiber Optics (Pb: Chen" PDF document.

[Save](#) [ePub](#)

»



**[PDF] Nessus Network Auditing: Beale Jay Et.Al**

Follow the link beneath to read "Nessus Network Auditing: Beale Jay Et.Al" PDF document.

[Save](#) [ePub](#)

»

**[PDF] Writing with Hemingway: A Writer's Exercise Book (Paperback)**

Click the web link under to download "Writing with Hemingway: A Writer's Exercise Book (Paperback)" document.

[Download](#) [Book](#)

»

**[PDF] Perrine's Literature: Structure, Sound, and Sense (Paperback)**

Click the web link under to download "Perrine's Literature: Structure, Sound, and Sense (Paperback)" document.

[Download](#) [Book](#)

»

**[PDF] Life's Healing Choices: Freedom from Your Hurts, Hang-ups, and Habits (Hardback)**

Click the web link under to download "Life's Healing Choices: Freedom from Your Hurts, Hang-ups, and Habits (Hardback)" document.

[Download](#) [Book](#)

»

**[PDF] Realidades, Levels A, B, 1, 2 And 3: Teacher's Guide And Answer Key To Reading And Writing For Success (2005 Copyright)**

Click the web link under to download "Realidades, Levels A, B, 1, 2 And 3: Teacher's Guide And Answer Key To Reading And Writing For Success (2005 Copyright)" document.

[Download](#) [Book](#)

»

**[PDF] Math in Focus: The Singapore Approach, Level 5A, Enrichment**

Click the web link under to download "Math in Focus: The Singapore Approach, Level 5A, Enrichment" document.

[Download](#) [Book](#)

»

**[PDF] The Mechanic s Guide: Or, a Treatise on the Laws of Mechanics, as They Relate to Wheel Machines: . by William Bigland. (Paperback)**

Click the web link under to download "The Mechanic s Guide: Or, a Treatise on the Laws of Mechanics, as They Relate to Wheel Machines: . by William Bigland. (Paperback)" document.

[Download](#) [Book](#)

»