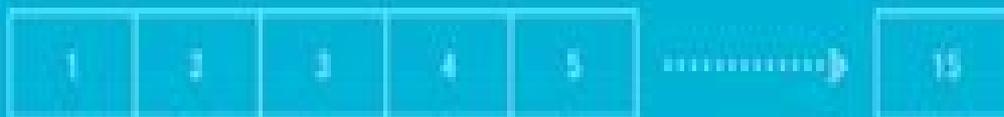


How to Sum an Array in JavaScript

A Complete Guide



Javascript Sum Of Values In An Array Using JQuery

Dmitry Sheiko



Javascript Sum Of Values In An Array Using JQuery:

JavaScript® Step By Step Solution with Programs book Dr Ashad Ullah Qureshi,2020-08-01 Master JavaScript with this detailed guide featuring step by step solutions and practical programs This book covers essential concepts advanced techniques and real world applications helping you create dynamic and interactive web applications [JavaScript Unlocked](#) Dmitry Sheiko,2015-12-07 Improve your code maintainability performance and security through practical expert insights and unlock the full potential of JavaScript About This Book Improve your JavaScript code for better maintainability and performance Discover how to implement scalable application architecture with JavaScript Learn to use JavaScript behind the browser including its command line tools desktop apps and native mobile apps Who This Book Is For JavaScript Unlocked is for those JS developers who want to see just how far they can push their favourite language through practical insight and techniques What You Will Learn Make your code readable and expressive by using simple syntax of JavaScript Grasp existing JavaScript collections such as arrays and array like objects Develop abstract data types in most effective way to extend JavaScript into a more flexible and powerful programming language Examine the pros and cons of JavaScript by implementing real time code examples Flourish real time mini projects by using JavaScript on server side to develop desktop as well as mobile applications Work on parallel tasks with asynchronous JavaScript Improve code maintainability and readability and boost apps performance through JavaScript In Detail JavaScript stands bestride the world like a colossus Having conquered web development it now advances into new areas such as server scripting desktop and mobile development game scripting and more One of the most essential languages for any modern developer the fully engaged JavaScript programmer need to know the tricks non documented features quirks and best practices of this powerful adaptive language This all practical guide is stuffed with code recipes and keys to help you unlock the full potential of JavaScript Start by diving right into the core of JavaScript with power user techniques for getting better maintainability and performance from the basic building blocks of your code Get to grips with modular programming to bring real power to the browser master client side JavaScript scripting without jQuery or other frameworks and discover the full potential of asynchronous coding Do great things with HTML5 APIs including building your first web component tackle the essential requirements of writing large scale applications and optimize JavaScript s performance behind the browser Wrap up with in depth advice and best practice for debugging and keeping your JavaScript maintainable for scaling long term projects With every task demonstrated in both classic ES5 JavaScript and next generation ES6 7 versions of the language Whether read cover to cover or dipped into for specific keys and recipes JavaScript Unlocked is your essential guide for pushing JavaScript to its limits Style and approach This practice oriented cookbook is packed full of code examples put in the form problem classical solution and methods to optimize webpage in both JavaScript ES5 and ES6 language editions But this thorough guide is best suited to those who like to learn by doing as the topics are covered using real life examples and tutorials [Data Visualization with](#)

Python and JavaScript Kyran Dale,2016-06-30 Learn how to turn raw data into rich interactive web visualizations with the powerful combination of Python and JavaScript With this hands on guide author Kyran Dale teaches you how build a basic dataviz toolchain with best of breed Python and JavaScript libraries including Scrapy Matplotlib Pandas Flask and D3 for crafting engaging browser based visualizations As a working example throughout the book Dale walks you through transforming Wikipedia s table based list of Nobel Prize winners into an interactive visualization You ll examine steps along the entire toolchain from scraping cleaning exploring and delivering data to building the visualization with JavaScript s D3 library If you re ready to create your own web based data visualizations and know either Python or JavaScript this is the book for you Learn how to manipulate data with Python Understand the commonalities between Python and JavaScript Extract information from websites by using Python s web scraping tools BeautifulSoup and Scrapy Clean and explore data with Python s Pandas Matplotlib and Numpy libraries Serve data and create RESTful web APIs with Python s Flask framework Create engaging interactive web visualizations with JavaScript s D3 library

Applied User Data Collection and Analysis Using JavaScript and PHP Kyle Goslin,Markus Hofmann,2021-04-27 Applied User Data Collection and Analysis Using JavaScript and PHP is designed to provide the technical skills and competency to gather a wide range of user data from web applications in both active and passive methods This is done by providing the reader with real world examples of how a variety of different JavaScript and PHP based libraries can be used to gather data using custom feedback forms and embedded data gathering tools Once data has been gathered this book explores the process of working with numerical data text analysis visualization approaches statistics and rolling out developed applications to both data analysts and users alike Using the collected data this book aims to provide a deeper understanding of user behavior and interests allowing application developers to further enhance web application development Key Features Complete real world examples of gathering data from users and web environments Offers readers the fundamentals of text analysis using JavaScript and PHP Allows the user to understand and harness JavaScript data visualization tools Integration of new and existing data sources into a single bespoke web based analysis environment

HTML5 eLearning Kit For Dummies Frank Boumphrey,2012-07-03 em style text align justify font weight bold Publisher s Note The online training portion of this product is no longer available Helping self directed learners of all levels learn HTML5 If you want to develop and structure pages for the web HTML5 is one of the tools you need This invaluable eLearning kit steps you through learning HTML5 CSS3 and JavaScript With this dynamic combination of a full color printed book and a Dummies interactive eLearning course on CD you ll find a wealth of information on HTML5 Featuring both written and animated step by step how tos practice labs helpful videos numerous examples and a host of Dummies hints and tips this package makes your learning process easier Follow the material sequentially or jump in and out as you wish it s set up so you can learn at your own pace Throughout you will benefit from illustrations animations voiceover explanations and the option of closed captioning if you find you learn better when you can

read the instructions Helps self motivated learners master HTML5 CSS3 and JavaScript Includes an easy to follow full color book and an interactive Dummies eLearning Course that corresponds with the book on CD Allows you to follow the material sequentially or choose separate sections at your own time and pace Offers chapter summaries practice exercises discussions of concepts and essential terms and much more HTML5 eLearning Kit For Dummies helps you develop pages for the web with this dynamic tool NOTE CD ROM DVD and other supplementary materials are not included as part of the e book file but are available for download after purchase

Pro Drupal Development John VanDyk, Matt Westgate, 2007-09-08 Drupal is one of the most popular content management systems in use today With it you can create a variety of community driven sites including blogs forums wiki style sites and much more Pro Drupal Development was written to arm you with knowledge to customize your Drupal installation however you see fit The book assumes that you already possess the knowledge to install and bring a standard installation online Then authors John VanDyk and Matt Westgate delve into Drupal internals showing you how to truly take advantage of its powerful architecture Youll learn how to create your own modules develop your own themes and produce your own filters You ll learn the inner workings of each key part of Drupal including user management sessions the node system caching and the various APIs available to you Of course your Drupal powered site isnt effective until you can efficiently serve pages to your visitors As such the authors have included the information you need to optimize your Drupal installation to perform well under high load situations Also featured is information on Drupal security and best practices as well as integration of Ajax and the internationalization of your Drupal web site Simply put if you are working with Drupal at all then you need this book This book is written by Drupal core developers Drupal architecture and behavior are mapped out visually Common pitfalls are identified and addressed Chapters provide regular discussion and reference to why things work they way they do not just how Features a foreword by Dries Buytaert Drupal founder

DuckDB in Action Mark Needham, Michael Hunger, Michael Simons, 2024-09-10 Dive into DuckDB and start processing gigabytes of data with ease all with no data warehouse DuckDB is a cutting edge SQL database that makes it incredibly easy to analyze big data sets right from your laptop In DuckDB in Action you ll learn everything you need to know to get the most out of this awesome tool keep your data secure on prem and save you hundreds on your cloud bill From data ingestion to advanced data pipelines you ll learn everything you need to get the most out of DuckDB all through hands on examples Open up DuckDB in Action and learn how to Read and process data from CSV JSON and Parquet sources both locally and remote Write analytical SQL queries including aggregations common table expressions window functions special types of joins and pivot tables Use DuckDB from Python both with SQL and its Relational API interacting with databases but also data frames Prepare ingest and query large datasets Build cloud data pipelines Extend DuckDB with custom functionality Pragmatic and comprehensive DuckDB in Action introduces the DuckDB database and shows you how to use it to solve common data workflow problems You won t need to read through pages of documentation you ll learn as you work Get to grips with DuckDB s unique SQL

dialect learning to seamlessly load prepare and analyze data using SQL queries Extend DuckDB with both Python and built in tools such as MotherDuck and gain practical insights into building robust and automated data pipelines About the technology DuckDB makes data analytics fast and fun You don t need to set up a Spark or run a cloud data warehouse just to process a few hundred gigabytes of data DuckDB is easily embeddable in any data analytics application runs on a laptop and processes data from almost any source including JSON CSV Parquet SQLite and Postgres About the book DuckDB in Action guides you example by example from setup through your first SQL query to advanced topics like building data pipelines and embedding DuckDB as a local data store for a Streamlit web app You ll explore DuckDB s handy SQL extensions get to grips with aggregation analysis and data without persistence and use Python to customize DuckDB A hands on project accompanies each new topic so you can see DuckDB in action What s inside Prepare ingest and query large datasets Build cloud data pipelines Extend DuckDB with custom functionality Fast paced SQL recap From simple queries to advanced analytics About the reader For data pros comfortable with Python and CLI tools About the author Mark Needham is a blogger and video creator at LearnDataWithMark Michael Hunger leads product innovation for the Neo4j graph database Michael Simons is a Java Champion author and Engineer at Neo4j

Fuel your quest for knowledge with is thought-provoking masterpiece, Dive into the World of **Javascript Sum Of Values In An Array Using JQuery** . This educational ebook, conveniently sized in PDF (PDF Size: *), is a gateway to personal growth and intellectual stimulation. Immerse yourself in the enriching content curated to cater to every eager mind. Download now and embark on a learning journey that promises to expand your horizons. .

<https://wwwnew.greenrefarms.com/public/scholarship/index.jsp/Btec%20National%20Business%20Book%201%20Student%20Bk%201.pdf>

Table of Contents Javascript Sum Of Values In An Array Using JQuery

1. Understanding the eBook Javascript Sum Of Values In An Array Using JQuery
 - The Rise of Digital Reading Javascript Sum Of Values In An Array Using JQuery
 - Advantages of eBooks Over Traditional Books
2. Identifying Javascript Sum Of Values In An Array Using JQuery
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Javascript Sum Of Values In An Array Using JQuery
 - User-Friendly Interface
4. Exploring eBook Recommendations from Javascript Sum Of Values In An Array Using JQuery
 - Personalized Recommendations
 - Javascript Sum Of Values In An Array Using JQuery User Reviews and Ratings
 - Javascript Sum Of Values In An Array Using JQuery and Bestseller Lists
5. Accessing Javascript Sum Of Values In An Array Using JQuery Free and Paid eBooks
 - Javascript Sum Of Values In An Array Using JQuery Public Domain eBooks
 - Javascript Sum Of Values In An Array Using JQuery eBook Subscription Services

- Javascript Sum Of Values In An Array Using Jquery Budget-Friendly Options
- 6. Navigating Javascript Sum Of Values In An Array Using Jquery eBook Formats
 - ePub, PDF, MOBI, and More
 - Javascript Sum Of Values In An Array Using Jquery Compatibility with Devices
 - Javascript Sum Of Values In An Array Using Jquery Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Javascript Sum Of Values In An Array Using Jquery
 - Highlighting and Note-Taking Javascript Sum Of Values In An Array Using Jquery
 - Interactive Elements Javascript Sum Of Values In An Array Using Jquery
- 8. Staying Engaged with Javascript Sum Of Values In An Array Using Jquery
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Javascript Sum Of Values In An Array Using Jquery
- 9. Balancing eBooks and Physical Books Javascript Sum Of Values In An Array Using Jquery
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Javascript Sum Of Values In An Array Using Jquery
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Javascript Sum Of Values In An Array Using Jquery
 - Setting Reading Goals Javascript Sum Of Values In An Array Using Jquery
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Javascript Sum Of Values In An Array Using Jquery
 - Fact-Checking eBook Content of Javascript Sum Of Values In An Array Using Jquery
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Javascript Sum Of Values In An Array Using Jquery Introduction

In the digital age, access to information has become easier than ever before. The ability to download Javascript Sum Of Values In An Array Using Jquery has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Javascript Sum Of Values In An Array Using Jquery has opened up a world of possibilities. Downloading Javascript Sum Of Values In An Array Using Jquery provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Javascript Sum Of Values In An Array Using Jquery has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Javascript Sum Of Values In An Array Using Jquery. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Javascript Sum Of Values In An Array Using Jquery. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Javascript Sum Of Values In An Array Using Jquery, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Javascript Sum Of Values In An Array Using Jquery has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers,

and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Javascript Sum Of Values In An Array Using JQuery Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Javascript Sum Of Values In An Array Using JQuery is one of the best book in our library for free trial. We provide copy of Javascript Sum Of Values In An Array Using JQuery in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Javascript Sum Of Values In An Array Using JQuery. Where to download Javascript Sum Of Values In An Array Using JQuery online for free? Are you looking for Javascript Sum Of Values In An Array Using JQuery PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Javascript Sum Of Values In An Array Using JQuery. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Javascript Sum Of Values In An Array Using JQuery are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Javascript Sum Of Values In An Array Using JQuery. So depending

on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Javascript Sum Of Values In An Array Using JQuery To get started finding Javascript Sum Of Values In An Array Using JQuery, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Javascript Sum Of Values In An Array Using JQuery So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Javascript Sum Of Values In An Array Using JQuery. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Javascript Sum Of Values In An Array Using JQuery, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Javascript Sum Of Values In An Array Using JQuery is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Javascript Sum Of Values In An Array Using JQuery is universally compatible with any devices to read.

Find Javascript Sum Of Values In An Array Using JQuery :

btec national business book 1 student bk 1

*business analysts mentor book with best practice business analysis techniques and software requirements management tips
ba works inspiring*

business math glencoe

british national formulary edition 67

business analysis and valuation ifrs edition pdf

breaking a logistics golden rule a t kearney

~~british english and american english english courses~~

~~border collie the complete border collie training guide breed specific puppy training techniques potty training care obedience
and safety tips guide border collies border collie puppy~~

botany and plant growth c ymcdn

**business marketing management b2b not textbook access code only by thomas w speh and michael d hutt 11th
edition 2012**

boss dr 202

brainwash the secret history of mind control dominic streatfeild

business forecasting 9th edition hank

business statistics a first course 2000 david m levine

burning bright tracy chevalier

Javascript Sum Of Values In An Array Using Jquery :

Journeys Reading Program | K-6 English Language Arts ... With Journeys, readers are inspired by authentic, award-winning text, becoming confident that they are building necessary skills . Order from HMH today! Unit 2 Journeys 6th Grade Anthology Reading Series 'I have, Who Has' is a game designed for students to practice vocabulary. The number of cards for each story varies depending on vocabulary and concepts covered ... Journeys 6th grade lesson 5 This supplemental pack is aligned to the Journeys 2011/2012, 2014, and 2017 curriculum for 6th grade . This Journeys Grade 6 ... Student Edition Grade 6 2017 (Journeys) Student Edition Grade 6 2017 (Journeys) ; Language, English ; Hardcover, 792 pages ; ISBN-10, 0544847032 ; ISBN-13, 978-0544847033 ; Reading age, 11 - 12 years. Journeys Student E-Books - BVM School Darby Sep 21, 2023 — Journeys Student E-Books · Classrooms · 1ST GRADE · 2ND GRADE · 3RD GRADE · 4TH GRADE · 5TH GRADE · 6TH GRADE · 7TH GRADE · 8TH GRADE ... Free Journeys Reading Resources Oct 31, 2023 — Free Journeys reading program ebooks, leveled readers, writing handbooks, readers notebooks, and close readers. Student and teacher ... All Alone in the Universe Journeys 6th Grade - YouTube Journeys (2017) Feb 9, 2017 — 2017. 2017 Journeys Student Edition Grade 6 Volume 1, 978-0-544-84740 ... 6th Grade 6th Grade. 6th Grade. Showing: Overview · K · 1 · 2 · 3 · 4 ... 6th Grade anthology 2022 bethune.pdf Introduction. The work in this anthology was written by 6th graders in Ms. Uter and Ms. Inzana's ELA class during the 2021-2022 school. Out of the Fog: The Sinking of Andrea Doria A trace of the unsolved mystery seems to follow all ship sinkings through history. This interest is especially keen in the case of the collision between ... Out of the Fog : The Sinking of Andrea Doria A trace of the unsolved mystery seems to follow all ship sinkings through history. This interest is especially keen in the case of the collision between ... Out of the Fog, The Sinking of the Andrea Doria “Out of the Fog” describes the events leading up to the collision from the perspectives of both ships. The collision itself is covered as is the heroic and ... Out of the Fog: The Sinking of Andrea Doria - Hardcover A trace of the unsolved mystery seems to follow all ship sinkings through history. This interest is especially keen in the case of the collision between ... Andrea Doria - Media - Out Of The Fog Review Algot Mattsson's book, “Out of the Fog: The Sinking of the Andrea Doria” was first published in Sweden in 1986. Largely through the efforts of Gordon ... Out of the Fog: The Sinking of Andrea Doria - Algot Mattsson A trace of the unsolved mystery seems to follow all ship sinkings through history. This interest is especially keen in the case of the collision between ... Out of the Fog: The Sinking of Andrea Doria | Books MATTSSON Algot - Out of the Fog: The Sinking

Javascript Sum Of Values In An Array Using Jquery

of Andrea Doria Cornell Maritime Press (2003) 168pp. 1st ed., fine in fine D/W. Author MATTSSON Algot. Out of the Fog: The Sinking of Andrea Doria by Algot. ... AS NEW IN DUST JACKET. Oversized hardcover. First American edition and first edition in English translation from the Swedish. 168 pp. with index. Illustrated. Out of the Fog: The Sinking of the Andrea Doria Based on: Mattsson Algot; trans. Fisher Richard E. (English translation edited by Paulsen Gordon W. and Paulsen Bruce G.), Out of the Fog: The Sinking of ... CESSNA 500 CITATION I - OPERATING MANUAL CESSNA 500 CITATION I - OPERATING MANUAL - DOWNLOAD or DVD ; ronsaviationshop (3271) ; Approx. \$11.95. + \$4.09 shipping ; This one's trending. 35 have already sold ... Cessna Model 500 Citation Flight Manual (CE500-F-C) Cessna Model 500 Citation Flight Manual. Cessna Citation 500 Operating Manual Pdf Cessna Citation 500 Operating Manual Pdf. INTRODUCTION Cessna Citation 500 Operating Manual Pdf .pdf. Airplane flight manual for Cessna/Citation model 500 Airplane flight manual for Cessna/Citation model 500 | WorldCat.org. Cessna Citation CE-500 / CE-501 JT-15 Apr 20, 2017 — CE500 - CE501 JT-15 Note Taking Guide. Ver. 1.0. Ver 1.1. Original. New ... Power (operating engine) - INCREASE as Required. 2. Rudder Trim - TRIM ... Cessna Model 500 Citation Flight Manual Cessna Model 500 Citation Flight Manual. Citation 500/501 | Handbook The first Cessna business jet was a six seater designed to operate from shorter airfields that were usually populated by light-to-medium twin turboprops. A ... Cessna Citation CE-500/501 Operating Manual Cessna Citation CE-525 Operating Manual MANUAL. Cessna Citation 500 Eagle - Chris R. Burger's Home Page Manual heat/Manual cool switch: MAN COOL until annunciator goes out. If light ... Power (operating engine): Increase as required. Rudder trim: Toward operating ... Citation Encore Operating Manual.pdf Nov 3, 2005 — This manual pertains to Model 560 Encore airplanes, serial numbers 560-0539 thru -5000. In addition to the serialization shown on the ...