

Rockford Campus - Numerical RAC List

Location: Rockford Campus Main Office

ROC 53 Total
RAC Value: \$3,520.25

RAC No. **TITLE** (with Edition, Volume and Year)

1000.02 SKY IS HOME: THE STORY OF EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

AUTHOR: McCollister/Davis

DESC: The story of Embry-Riddle Aeronautical University.

Edition:	2ND EDITION
Pub Year:	1996
Price:	

1001 POCKET BOOK OF TECHNICAL WRITING FOR ENGINEERS & SCIENTISTS

AUTHOR: Finkelstein, L.

DESC: Step-by-step instructions for producing the most common technical documents. Offers a relaxed approach focused on providing information in a straightforward, easy-to-understand way, with useful guidance on many critically important, "real world" topics rarely found in other technical writing books.

Edition:	3RD EDITION
Pub Year:	2008
Price:	\$36.26

1003 CAMBRIDGE AEROSPACE DICTIONARY, THE

AUTHOR: Gunston, Bill

DESC: An essential tool for people who must read and understand technical content regarding the aerospace industry and specific aircraft. Also an ideal reference for the engineering and physics student encountering a subject replete with technical jargon and acronyms.

Edition:	
Pub Year:	2004
Price:	\$75.00

1004 AIR TRANSPORTATION: FOUNDATIONS FOR THE 21ST CENTURY

AUTHOR: Gesell & Dempsey

DESC: Covers the principal elements of air transportation history, airline economics, business, finance, marketing, regulation, and management.

Edition:	2ND EDITION
Pub Year:	2005
Price:	\$69.00

1005 THE AIRPLANE: A HISTORY OF ITS TECHNOLOGY

AUTHOR: Anderson, John D.

DESC: History of the technology of the airplane.

Edition:	
Pub Year:	2002
Price:	\$45.00

1006 DESIGN OF THE AIRPLANE, THE

AUTHOR: Stinton, D.

DESC: Features a number of new studies in practical airplane design

Edition:	2ND EDITION
Pub Year:	2001
Price:	\$50.97

1007 AIRLINE MANAGEMENT STRATEGIES FOR THE 21ST CENTURY

AUTHOR: Dempsey/Gesell

DESC: Companion to "Air Transportation: Foundations for the 21st Century". Contains suggested trends and strategies that might lead to a renaissance of consistent profitability for the airlines, stable employment for labor, and continuous, reliable and fairly priced air services for consumers. Discusses the principal elements of air transportation history, airline economics, business, finance, marketing, regulations, and management.

Edition:	2ND EDITION
Pub Year:	2006
Price:	\$89.00

1008 AVIATION TERRORISM AND SECURITY

AUTHOR: Wilkinson/Jenkins

DESC: The contributors examine threats and vulnerabilities in light of recent developments in aviation security and consider the prospects for strengthening the response at national and international levels.

Edition:	
Pub Year:	1999
Price:	\$150.00

1010 ROCKET COMPANY, THE

AUTHOR: Stienon/Hoerr

DESC: Fictionalized account of the challenges faced by a group of seven investors and their engineering team in developing a low-cost, reusable, Earth-to-orbit launch vehicle. Excellent introduction to the technical aspects and challenges facing today's designers, entrepreneurs, regulators, legislators, and investors.

Edition:	
Pub Year:	2005
Price:	\$35.95

1011	SPACE EXPLORATION AND ASTRONAUT SAFETY	AUTHOR: Pelton/Marshall	Edition:	
	DESC: Reviews the history of NASA's space exploration program, its astronaut safety program, the present status of the Space Shuttle and the International Space Station, and the options and strategic opportunities that present themselves as NASA enters its next phase of space exploration with Project Constellation.		Pub Year:	2006
			Price:	\$49.95
1012	SPACE PHYSIOLOGY	AUTHOR: Buckey, J.C.	Edition:	
	DESC: Gives an comprehensive, accurate, and factual depiction of the alterations to human systems that are associated with spaceflight.		Pub Year:	2006
			Price:	\$59.95
1013	MASTERING TECHNICAL MATHEMATICS	AUTHOR: Gibilisco/Crowhurst	Edition:	3RD EDITION
	DESC: A refresher course for scientists, engineers, and technicians. It begins with a review of basic calculation techniques and progresses through intermediate topics in applied mathematics. Contains material on scientific notation, geometry, trigonometry, vectors, coordinate systems, logarithms, exponential functions, propositional logic, truth tables, statistics, and probability.		Pub Year:	2008
			Price:	\$36.95
1014.01	AVIATION INSECURITY: THE NEW CHALLENGES OF AIR TRAVEL	AUTHOR: Thomas, Andrew R.	Edition:	1ST EDITION
	DESC: A compelling critique of the security measures taken after September 11th. The author considers the proposed solutions to the vulnerability of airlines in terms of practicality, cost, and effectiveness, and outlines a better strategic approach for government and the aviation industry to meet new and existing threats while continuing to serve the public in an efficient manner.		Pub Year:	2003
			Price:	\$22.00
1015	NATIONAL SECURITY ISSUES IN SCIENCE, LAW, AND TECHNOLOGY	AUTHOR: Johnson, Thomas A.	Edition:	
	DESC: Examines the acquisition and utilization of all-source intelligence, including the ability to analyze data and forecast patterns, to enable policymakers to make better informed decisions. Addresses reaction and prevention strategies applicable to chemical, biological, and nuclear weapons; agricultural terrorism; cyberterrorism; and other potential threats to our critical infrastructure.		Pub Year:	2007
			Price:	\$139.95
1020	TERMINAL CHAOS: WHY U.S. AIR TRAVEL IS BROKEN AND HOW TO FIX IT	AUTHOR: Donohue/Shaver/Edwards	Edition:	
	DESC: Written with the airline passenger in mind, the authors arm the flying public with the truth about flight delays. Their provocative analysis not only identifies the causes and extent of the problems, but also provides solutions that will put us on the path to recovery.		Pub Year:	2008
			Price:	\$26.96
1029	STANDARD AVIATION MAINTENANCE HANDBOOK	AUTHOR: Jeppesen Maintenance	Edition:	
	DESC: Quick reference guide that pulls together a number of charts, tables, and technical information needed by aviation maintenance technicians. Contents include sections on reference data; basic hand tools; riveting; aircraft materials, drawings, assemblies and installations; and aircraft hardware.		Pub Year:	2003
			Price:	\$15.95
1031	A SOCIOLOGY OF COMMERCIAL FLIGHT CREW	AUTHOR: Bennett, Simon A.	Edition:	
	DESC: A user-friendly survey of the men and women who labour long and hard at the coalface of commercial aviation - the pilots. The book's purpose is to provide information for managers, regulators and other decision-makers so they can make better-informed decisions.		Pub Year:	2006
			Price:	\$99.95
1038	AIRCRAFT DISPLAY SYSTEMS	AUTHOR: Jukes, M.	Edition:	
	DESC: Overview of the historical development of the civil flight deck and the military cockpit (or crewstation) from the beginnings of manned flight to modern aircraft, highlighting - by specific aircraft case studies - the significant steps in the transitions from mechanical to electromechanical instruments to modern electro-optical displays.		Pub Year:	2004
			Price:	\$124.95

1039	SERIOUS ACCIDENTS AND HUMAN FACTORS	AUTHOR: Miyagi, M. DESC: Offers a comprehensive understanding of the accident causation chain, events contributing to that chain, and a method for identifying and eliminating causal factors in a pro-active way.	Edition: Pub Year: Price:	2005 \$139.95
1044	TURBULENCE ALOFT: THE CIVIL AERONAUTICS ADMINISTRATION AMID WARS AND RUMORS OF WARS, 1938 - 1953	AUTHOR: Wilson DESC: Second in the above historical series, covering 1938 to 1953.	Edition: Pub Year: Price:	1979 \$19.00
1051	COMMERCIAL AVIATION SAFETY	AUTHOR: Wells/Rodriguez DESC: A comprehensive, up-to-date, and systematic reference on the principles and regulatory practices of commercial aviation safety and security.	Edition: Pub Year: Price:	4TH EDITION 2004 \$50.00
1053	HUMAN FACTORS FOR CIVIL FLIGHT DECK DESIGN	AUTHOR: Harris, D. DESC: Addresses the human factors issues pertinent to the design of modern flight decks. Part one examines : the benefits of human engineering; flight deck design process; head down display design; head-up display design; auditory warning systems; flight control systems, control inceptors and aircraft handling qualities; flight deck automation; and human-computer interaction on the flight deck and anthropometrics for flight deck design. Part two is concerned with flight deck evaluation - the human factors evaluation of flight decks; human factors in flight test and the regulatory viewpoint.	Edition: Pub Year: Price:	2004 \$54.97
1060.05	GLOBAL LOGISTICS: NEW DIRECTIONS IN SUPPLY CHAIN MANAGEMENT	AUTHOR: Waters, Donald DESC: Provides a wealth of useful ideas and practical information on all the current and future trends in logistics and supply chain management. Includes topics such as logistics in China, Central and Eastern Europe; the growing importance of logistics strategies; relationships within the supply chain; and the current dynamics and challenges of global operations.	Edition: Pub Year: Price:	5TH EDITION 2007 \$57.00
1061	INTERNATIONAL LOGISTICS AND SUPPLY CHAIN OUTSOURCING	AUTHOR: Rushton, A. / Walker, S. DESC: Addresses the key challenges facing logistics outsourcing and examines the important issue of having to "think global, act local". Includes discussions on global market drivers; regional logistics markets; outsourcing operations and services, including descriptions of major providers; and the management of third- and fourth-party logistics.	Edition: Pub Year: Price:	2007 \$60.00
1062.03	HANDBOOK OF LOGISTICS AND DISTRIBUTION MANAGEMENT, THE	AUTHOR: Rushton/Croucher/Baker DESC: Covers all major elements of modern logistics and explains the concepts of logistics and distribution; planning for logistics; procurement and inventory decisions; warehousing and storage; transport; and operational management.	Edition: Pub Year: Price:	3RD EDITION 2006 \$61.75
1063	QUANTITATIVE MEASUREMENTS FOR LOGISTICS	AUTHOR: Frohne, P. DESC: Offers a wide variety of measurement tools and computations used in today's logistics operations, ranging from life cycle costs to maintainability computations. Examines break-even analysis...depreciation methods...forecasting...inventory computations...learning curves...maintenance management...quality control...queuing theory...repair level analysis...statistics...failure definitions...and much more.	Edition: Pub Year: Price:	2008 \$76.46
1081	CIVIL AVIONICS SYSTEMS	AUTHOR: Moir/Seabridge DESC: Covers all aspects of civil avionics systems including the technology, systems development, electronics, sensors, communication and guidance aids, displays, controls, and systems integration. It further discusses future air navigation systems and military applications.	Edition: Pub Year: Price:	2003 \$63.57

1093.09	BLACK'S LAW DICTIONARY	AUTHOR: Garner, Bryan A. DESC: A dictionary of legal terms and phrases with pronunciations.	Edition: 9TH EDITION Pub Year: 2009 Price: \$67.50
1126	HANDBOOK OF TRANSPORTATION ENGINEERING	AUTHOR: Kutz, M. DESC: Provides tools for increasing the efficiency, performance, capacity, or safety of any transportation system.	Edition: Pub Year: 2004 Price: \$150.00
1139.04	AVIATOR'S GUIDE TO NAVIGATION, THE	AUTHOR: Clausing, Donald J. DESC: Provides experienced pilots and aviation students with a complete tutorial on modern navigation systems. From the basics of dead reckoning to the most advanced "glass cockpit" EFIS systems, the fourth edition explains the full range of air navigation innovations, covering all the new technologies and tools that have emerged in the past ten years, including distance measuring equipment (DME), long-range navigation, and The Next Generation Navigation System..	Edition: 4TH EDITION Pub Year: 2007 Price: \$36.95
1140.03	AVIATOR'S GUIDE TO GPS	AUTHOR: Clarke DESC: Covers the history of the NAVSTAR Global Positioning System and the theory behind GPS operation, detailing the accuracy and limitations of GPS. Discusses GPS military and civilian applications; alternative navigational systems including LORAN-C; GPS receivers; terminology; and the future of GPS.	Edition: 3RD EDITION Pub Year: 1998 Price: \$29.95
1142	TURBULENT SKIES: THE HISTORY OF COMMERCIAL AVIATION	AUTHOR: Heppenheimer DESC: Chronicles the history of America's \$200 billion aviation industry, from the barnstormers to Boeing. Also explores the connection between government and business in the development of aviation.	Edition: Pub Year: 1995 Price: \$24.95
1144	FLYING THROUGH TIME	AUTHOR: Various DESC: A financial and historical overview of the global and major airlines.	Edition: Pub Year: 1993 Price: \$20.40
1146	STRATEGIC MANAGEMENT IN THE AVIATION INDUSTRY	AUTHOR: Delfmann/Baum/Auerbach/Albers DESC: Comprehensive overview of current strategic challenges and measures required to meet those challenges in a dynamic industry. Includes chapters on alliance management and formation, strategic issues for air freight carriers and airport companies, as well as impacts the airline industry exerts on its environment.	Edition: Pub Year: 2005 Price: \$79.72
1147	AIRPORT MARKETING	AUTHOR: Jarach, D. DESC: Examines the new management vision of airport marketing in the post-September 11th environment, presenting in-depth analysis of current airport management practices for both aviation-related and non-aviation-related activities.	Edition: Pub Year: 2005 Price: \$49.47
1175.07	AIM/FAR 2007: AERONAUTICAL INFORMATION MANUAL/FEDERAL AVIATION REGULATIONS	AUTHOR: Spence, Charles F. DESC: Includes federally required rules and regulations from the Transportation Security Administration for general aviation flying. Also the latest civil aviation rules from the FAA and all pertinent sections of the Federal Aviation Regulations plus the complete Aeronautical Information Manual.	Edition: Pub Year: 2007 Price: \$19.95
1182	AIRPORT SYSTEMS PLANNING, DESIGN, AND MANAGEMENT	AUTHOR: De Neufville/Odoni DESC: A definitive resource on the planning, design, and management of airports.	Edition: Pub Year: 2003 Price: \$95.00

1183	AIRPORT DESIGN AND OPERATION	AUTHOR: Kazda A./Caves R.	Edition:	
	DESC: Explains principles and relationships important for the design of airport facilities, for airport management and for the safe and efficient control of operations.		Pub Year:	2000
			Price:	\$89.00
1199	IMPROVING AIR SAFETY THROUGH ORGANIZATIONAL LEARNING	AUTHOR: Sanchez, Jose	Edition:	
	DESC: The key theme of this book is organizational learning and its consequences for the field of air safety. Air safety rates have been improving for a long time, demonstrating the effects of a good learning model at work. However, the pace of improvement has almost come to a standstill. Improving Air Safety through Organizational Learning explains this situation as being the consequence of a development model supported chiefly by information technology being introduced as an alternative to human operators, and offers a new development model, one that makes strong use of technology but at the same time questions every step and suggests possible ways to recover the lost learning capacity.		Pub Year:	2007
			Price:	\$99.95
1203	CLEARED FOR TAKE-OFF: STRUCTURE & STRATEGY IN THE LOW FARE AIRLINE BUSINESS	AUTHOR: Lawton, Thomas C.	Edition:	
	DESC: Includes a step-by-step approach to understanding the conditions & choices shaping airline competitiveness and the nature of the low fare market; a study of the LFA sector's evolution and growth; insight into the success of low fare market leaders in Europe, North America and Australasia; as well as perspectives on strategic management principles and practices in modern airline companies.		Pub Year:	2002
			Price:	\$79.95
2005.06	PUBLICATION MANUAL OF THE AMERICAN PSYCHOLOGICAL ASSOCIATION	AUTHOR: APA	Edition:	6TH EDITION
	DESC: Provides guidance on all aspects of the writing process, from the ethics of authorship to the word choice that best reduces bias in language. Also offers guidance on choosing headings, tables, figures, and tone that will result in strong, simple, and elegant scientific communication. The sixth edition significantly expands guidance on ethics, statistics, journal article reporting standards, electronic reference formats, and the construction of tables and figures.		Pub Year:	2010
			Price:	\$26.06
2007	BUSINESS AND CORPORATE AVIATION MANAGEMENT	AUTHOR: Sheehan, John J.	Edition:	
	DESC: Provides a solid background and insights into establishing and running aviation operations.		Pub Year:	2003
			Price:	\$37.46
2009	FUNDAMENTALS OF AVIATION LAW	AUTHOR: Speciale, R.	Edition:	
	DESC: A comprehensive introduction to aviation law that covers every important area where law and aviation intersect.		Pub Year:	2006
			Price:	\$79.95
2010	AIR COMMERCE AND THE LAW	AUTHOR: Dempsey & Gesell	Edition:	
	DESC: A history and analysis of commercial aviation laws, regulations and policies. Contains a historical review of the genesis and evolution of transportation regulation and deregulation, exploring the causes and effects of both.		Pub Year:	2004
			Price:	\$69.00
2012.04	AVIATION AND THE LAW	AUTHOR: Gesell/Dempsey	Edition:	4TH EDITION
	DESC: Provides aviation students with a basic understanding of law, of the legal system, and of how the principles of law may be applied to the many aspects of air commerce and air transportation. Includes updates on the federal aviation security provisions since September 11, 2001, expansion in the area of international air law, as well as noted court cases. Companion text to "Air Commerce and the Law."		Pub Year:	2005
			Price:	\$89.00
2025	CIVIL JET AIRCRAFT DESIGN	AUTHOR: Jenkinson/Simpkin/Rhodes	Edition:	
	DESC: A comprehensive introduction to the modern process of designing transport aircraft from the preliminary stages of conceptual design to detail design of major aircraft components, including cost analysis and optimization.		Pub Year:	1999
			Price:	\$54.57

2026.04 AIRCRAFT DESIGN: A CONCEPTUAL APPROACH

AUTHOR: Raymer, Daniel P.

DESC: This text offers aircraft designers, design managers, and design instructors an industry perspective on the new aircraft concept development process, which consists of design layout and design analysis. It covers every phase of conceptual design, including configuration layout, payload considerations, aerodynamics, propulsion, structure and loads, weights, stability and control, handling qualities, performance, cost analysis, and tradeoff analysis.

Edition:	4TH EDITION
Pub Year:	2006
Price:	\$105.95

2030.02 ANATOMY OF THE AIRPLANE, THE

AUTHOR: Stinton, Darrol

DESC: This British text discusses aircraft design in terms of aerodynamics, propulsion, land and water operation, and structural arrangement.

Edition:	2ND EDITION
Pub Year:	1998
Price:	\$50.97

2060.03 HANDBOOK OF PROJECT-BASED MANAGEMENT, THE

AUTHOR: TURNER, J. Rodney

DESC: A guide to project management practice for the twenty-first century. Features tools for managing project performance and process; new focus on achieving strategic change; information on the project life cycle; new applications to different industries; material on strategic design, stakeholders, and organizational capability; and the shift in emphasis from administrative procedures to governance.

Edition:	3RD EDITION
Pub Year:	2009
Price:	\$76.46

2065.04 FUNDAMENTALS OF AEROSPACE MEDICINE

AUTHOR: Davis/Johnson/Stepanek/Fogarty

DESC: Provides information on the physiology of flight, the hazards of flight, and the selection and health maintenance of those who fly and facilitate such activities. New to this edition are chapters on Radiation, Toxicology, Emerging Infectious Disease, Dental, and Women's Health. The new section on the future discusses the governments' role in aerospace and commercial space activities.

Edition:	4TH EDITION
Pub Year:	2008
Price:	\$179.10

2075 STANDARD HANDBOOK FOR AERONAUTICAL AND ASTRONAUTICAL ENGINEERS, THE

AUTHOR: Davies, Mark (Editor in Chief)

DESC: This handbook frames the technological applications in a perspective that specifically addresses aircraft and engineering science. Offers insightful, practical guidance into the gamut of aerospace engineering, including: instrumentation and control; aeronautical and astronautical propulsion; aerospace structures; aerodynamics, flight mechanics, control, and stability; avionics and astronautics; aircraft design; spacecraft; earth's environment and space; and much more.

Edition:	
Pub Year:	2003
Price:	\$131.25

2079 THE VIRTUAL STUDENT: A PROFILE & GUIDE TO WORKING WITH ONLINE LEARNERS

AUTHOR: Palloff & Pratt

DESC: Offers an overview of the key issues of student learning online and provides a practical guide to working with online students. Covers topics including learning styles, multicultural issues, evaluation, retention, and plagiarism and cheating.

Edition:	1ST EDITION
Pub Year:	2003
Price:	\$29.60

2080 ACTIVE TRAINING: A HANDBOOK OF TECHNIQUES, DESIGNS, CASE EXAMPLES, & TIPS

AUTHOR: Silberman

DESC: Provides instructions on how to assess training needs and participants; develop active training objectives; create practical opening activities; prepare brain-friendly lectures; design active training exercises; create e-learning applications; and provide for back-on-the-job application.

Edition:	3RD EDITION
Pub Year:	2006
Price:	\$37.60