

SAE Store

Aircraft & Engine Icing International Conference

For complete listing of products visit store.sae.org
Books • Standards • Web/CD • Papers • Training



\$89.95

Care and Repair of Advanced Composites

Second Edition

By Keith B. Armstrong, Graham Bevan, William Cole

This second edition has been extensively updated to keep pace with the growing use of composite materials in commercial aviation. Although this book has been written primarily for use in aircraft repair, all composite repair technicians will benefit from reading this book. Among the industries this includes are automotive, marine, railway, wind power generation, and sporting goods.

Topics new to this edition include:

- nondestructive inspection (NDI) methods
- fasteners for composite materials
- a method for the surface preparation of metals prior to adhesive bonding, repair design

ISBN: 978-0-7680-1062-6, 664 pp., Casebound 2005.

SAE Member Price \$71.96

Product Code R-336



\$49.95

Lost Fighters: A History of U.S. Jet Fighter Programs That Didn't Make It

By William Holder

Covering fighters that did not reach beyond an artist's concept stage, to those that were cancelled after an evaluation of flight capabilities, to others that were cast aside after losing a fly-off competition, this book makes use of previously unpublished, primary-source material. It provides a coherent picture of U.S. jet fighter development and evolution.

ISBN: 978-0-7680-1712-0, 216 Pages, Paperbound 2006

SAE Member Price: \$39.96

Product Code: R-374



\$199.00

Aircraft Maintenance

the Art and Science of Keeping Aircraft Safe

By Bruce R. Aubin

This is a comprehensive executive-summary-style report written for business professionals, engineers, mechanics, technicians, educators, and students. Author Bruce R. Aubin examines and explains each component of aircraft maintenance in this easy-to-read guide that covers everything from history, evolution, and organization to engineering, evaluation, and the future.

ISBN: 978-0-7680-1242-2, 166 Pages, Paperbound 2004

SAE Member Price: \$159.20

Product Code: T-115



\$49.99

Emerging Technologies in Aircraft Landing Gear

Recent developments in aircraft landing gear systems have brought about a new set of challenges for engineers and aerospace professionals. This comprehensive collection of 36 papers presents the most prominent research in aircraft landing gear systems since 1990. The latest developments in brake friction materials, landing gear dynamics, tire mechanical properties and brake-induced vibration are covered.

Contents Include:

- Landing Gear Design and Materials
- Landing Gear Dynamics and Shimmy Analyses
- Brake and Wheel Studies
- Tire Properties and Analyses
- Tire Wear

Hardbound 1997

SAE Member Price: \$39.99

Product Code: PT-66

Special Publications

These Special Publications are a collection of related SAE technical papers from one or more technical sessions at a particular SAE event. SPs can save you 60% or more when compared to the collective purchase price of all the individual papers included in the collection.

Aerospace Safety -- Design, Maintenance/Operations, and Safety/Security

13 papers

\$74.95 List/\$59.96 SAE Member Price

Product Code: SP-2141

Automated Fastening/Assembly & Tooling in Aerospace

20 papers

\$114.95 List/\$91.96 SAE Member Price

Product Code: SP-2142

Order today!

Online: store.sae.org

E-mail: CustomerService@sae.org

Phone: 1-877-606-7323 (U.S. & Canada)

or 1-724-776-4970

Note: prices subject to change.

Actual shipping charges will be added.



Reverse Engineering: Technology of Reinvention Seminar

During the past decade reverse engineering has become a common and acceptable practice utilized by many original equipment manufacturers and suppliers. This course focuses on the application

of modern technologies used to decode the design details and manufacturing processes of an existing part in the absence of the original design data. It emphasizes the real-life practice of reverse engineering in industries from both scientific and legal points of view. Attendees will learn the applicability and limitations of reverse engineering through case studies and hands-on exercises. The majority of examples are representative of the aerospace industry. (I.D. #C0559; \$1,165/\$1,045 SAE Members; September 17-18, 2007, Los Angeles, California; 1.3 CEUs)

Managing Engineering & Technical Professionals Seminar

In the fast paced and competitive environment of today's global economy, the work of technical professionals is often the difference between success and failure in an organization. Providing leadership for engineers is uniquely challenging, and the transition from working engineer to first-line technical supervisor is one of the most difficult career challenges that an engineer may face. First-time engineering supervisors and mid-level managers who wish to sharpen their skills and learn new techniques for guiding, coaching, and motivating working engineers, technicians, and designers will find this seminar valuable. A mix of lecture and attention-grabbing exercises are used to develop intense and lasting learning results. (I.D. #C0608; \$1,355/\$1,225 SAE Members; September 17-19, 2007, Los Angeles, California; 1.8 CEUs)

Available. Anytime. Anywhere.

ONLINE PAPERS

Get **immediate access to the technical papers you need** at store.sae.org. Now you can download most individual papers for \$14 each.

Do you order papers frequently?

Consider **TechSelect**, a cost-effective, customized, and convenient way in which to purchase SAE technical papers. This yearly subscription plan offers you significant savings over buying papers individually – and the more you buy the more you save!

Members receive an additional discount.

For more information **contact SAE** at:
1-888-875-3976 (Toll-free, U.S. and Canada)
1-724-772-4086 (Telephone)
1-724-776-3087 (Fax)
CustomerService@sae.org
store.sae.org

SAE International

070177

SAE Aerospace Quality Standards on the Web

The American Aerospace Quality Group and the International Aerospace Quality Group (AAQG/IAQG) have developed a family of documents related to aerospace quality. Now you can have access to these leading-edge standards via the SAE website. This new collection of critical documents includes the AS9000 and AS9100 quality standards, the AS9101 checklist and more! Locating the information you need to standardize your aerospace quality processes has never been easier!

Order Today!

Toll-free: 1-888-875-3976 (U.S. and Canada)
724-772-4086 (outside U.S. and Canada)

Fax: 724-776-3087

Email: CustomerSales@sae.org

AeroPaks

Our online subscription service for aerospace standards is a cost-effective alternative to buying individual standards or complete standards collections. AeroPaks are ideal for organizations that purchase standards fairly frequently but don't need an enterprise level agreement. With AeroPaks you buy only the standards you need (choose 10, 15, 25, or 35 downloads per year), you realize significant savings, and the standards you buy will always be current at the time of purchase.

Available via .PDF download. For more information: visit www.sae.org/aeropaks, call 1-724-772-7144, or e-mail elecpubs@sae.org.

SAE Standards on CD-ROM with Update Service

Do you need an entire SAE standards library? In a medium that's fast and easy to use and remains current throughout the year? Order the copy of SAE Standards on CD-ROM that suits your needs: aerospace, aerospace material specifications (AMS), or ground vehicle. Each CD-ROM contains the entire respective catalog of standards and supporting documents; stores documents in .PDF; features a fast, flexible search function; and is updated quarterly. These products are also available in network versions; call 1-724-772-7144 or e-mail elecpubs@sae.org for more information.

SAE Aerospace Standards on CD-ROM

List price \$2,915 / Order no. CDAS-2007

SAE Aerospace Material Specifications on CD-ROM

List price \$3,475 / Order no. CDAMS-2007

Aerospace Standards Index - 2007

Lists all Aerospace Standards (AS), Aerospace Recommended Practices (ARP), Aerospace Information Reports (AIR), and Aerospace Resource Documents (ARD) published by SAE. Each listing includes title, subject, document number, key words, new and revised documents, and DODISS-adopted documents. Quality discounts are available. Standing orders are accepted.

List price \$72 / Member price \$57.60
ISBN 9780768018073 / Order no. ASIN2007

store.sae.org