BIOCKS

General


Recent developments in ground vibration testing, electromagnetic test facilities, thermoelastic stress analysis (TSA), non-destructive examination (NDE) and the Bell-Agusta BA609 and Boeing Sikorsky RAH-66 Comanche programmes are among the subjects reviewed.


Developments in supercritical wing technology, winglets, laminar flow aerofoils, composites, flutter, lightning protection, wind shear, crashworthiness and spin technology/resistance are among the recent NASA research programmes summarised in this illustrated volume.

100 Years of Aerospace — a Centenary Celebration: From the Wright brothers to UAVs. Supplement of The Engineer June 2003. Centaur Communications, 50 Poland Street, London W1F 7AX, UK. 2003. 23pp. Illustrated. ISSN 0013-7758.


Air Law


Assembly 34th Session (Extraordinary), Montreal 31 March-1 April 2003, Plenary Meetings: Resolution and Minutes. ICAO Doc 9820. International Civil Aviation Organization, 999 University Street, Montreal, Quebec, Canada, H3C 5H7. 2003. 34pp.

Aircraft Design and Construction


Airworthiness and Maintenance

Beginning with a review of the global aircraft maintenance, repair and overhaul (MRO) industry, this is the latest edition of this detailed directory recording the contact addresses/numbers of the world’s major airlines and their fleets and third party maintenance companies (cross-indexed by aircraft/engine type serviced).


**Historical**


A large-format reference work which records significant dates in the development of aviation and aerospace technology since 1903 in a year-by-year chronology.

**Milestones of the First Century of Flight**


**The Wright Brothers and the Invention of the Aerial Age**


**Psychological Perspectives on the Fear of Flying**


**Beyond Courage**

Air Sea Rescue by Walrus squadrons in the Adriatic, Mediterranean and Tyrrhenian Seas 1942-1945. N. Franks. Grub Street, The Basement, 10 Chivalry Road, London SW11 1HT, UK. 2003. 192pp. Illustrated. £18.99. ISBN 1-904010-30-X. Incorporating the recollections of many who were involved, this is a detailed study of WW2 operations of 283, 284, 293 and 294 Walrus Squadrons based in North Africa, Sicily, Sardinia and mainland Italy.

**Soyuz: a Universal Spacecraft**


**Launch Vehicle Catalogue — December 2002**

European Space Agency. 2002. [Held in both loose-leaf and CD-ROM formats] Annually updated reference work describing in detail the launch vehicles of Europe, USA, USSR/CIS, Japan, China, India, Brazil and Israel.

**SYMPOSIA**


**Proceedings of CEAS Aerodynamics Research Conference, 10-12 June 2003**

Royal Aeronautical Society, London. 2003. Distributed by Eurospan, 3 Henrietta Street, Covent Garden, London WC2E 8LU, UK. £110 (members), £130 (non-members). [Held only on CD-ROM]
**Aerodynamics**


**Aerelasticity, flutter and vibration**


**Aerospace engineering**


Proceedings of Workshop POLinSAR — Applications of SAR Polarimetry and Polarimetric Interferometry, 14-16 January 2003, Frascati, Italy. ESA SP-529. April 2003. [Held only on CD-ROM]


**Astronomy and geodesy**


**Communications**


**Electrical engineering and electronics**


**History**


**Instrumentation and displays**


**Mechanical engineering**


**Miscellaneous**


**Propulsion**


**Safety**


**Testing facilities and techniques**


Discusses results obtained to assist in preparations for the launch of Earth Explorer which will estimate sea surface salinity and surface soil moisture.


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**‘Adopt’ a Library Book or Journal**

Since its formation in 1866, the Royal Aeronautical Society has been acquiring aeronautical books, journals and other material which are now housed in its extensive library.

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These books and journals date primarily from pre-1945 and form a major collection of the world’s aeronautical heritage which should be preserved for current and future generations of researchers.

The average cost of rebinding a worn volume is about £30, depending on its size and condition. Anyone who would like to contribute to rebinding costs will have their donation recorded on the bookplate inside the particular rebound volume. If you would like to ‘adopt’ a book or journal (possibly in memory of someone else) please contact Brian Riddle, RAeS Library, 4 Hamilton Place, London W1J 7BQ, UK. Tel: +44 (0)20 7670 4300. Fax: +44 (0)20 7670 4359. e-mail: library@raes.org.uk
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Library’s photographic collections

Alberto Santos-Dumont transporting his No 19-bis (17-20hp Duthel et Chalmers engine with Tatin propeller) to Saint-Cyr, 1908. The tractor monoplane was a development of his No 19 design — the world’s first light aeroplane which incorporated an all-moving cruciform tail-unit mounted on a single bamboo pole.

Mail being loaded on to a Handley Page HP42 at Croydon.

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