BOOKS

General


Aircraft Interiors International: the International Review of Aircraft Interior Design and Completion — March 2006. Edited by A. James. UKIP Media & Events, Abinger House, Church Street, Dorking, Surrey RH4 1DF, UK. 2006. 192pp. Illustrated. £28 (annual subscription). ISSN 1463-8932. Developments in aircraft seating, inflight entertainment (IFE) systems, passenger flight information systems (‘moving maps’) and the Embraer Phenom 100/300 business jet are among the subjects discussed in the latest edition of this compilation of concise articles surveying the latest developments in aircraft interior design and furnishings.

Air Transport

Airports in the First 100 Years of Flight. Airports Council International. Insight Media, Sovereign House, 26-30 London Road, Twickenham TW1 3RW, UK. 2003. 120pp. Illustrated. Incorporating case studies of a number of airports, this is a well-illustrated survey of the history of airports during the 20th century.


Location Indicators — 120th edition. ICAO Doc 7910/120. International Civil Aviation Organization, 99 University Street, Montreal, Quebec, Canada, H3C 5H7. 2006. Irregular pagination.

Aviation Medicine


Avionics and Systems

Flight Testing


Ground Effect Vehicles

Russia’s Ekeranoplans: the Caspian Sea Monster and other WIG Craft. S. Komissarov. Midland Publishing, 4 Watling Drive, Hinckley LE10 3EY, UK. 2002. 127pp. Illustrated. £18.99. ISBN 1-85780-146-6. A detailed well-illustrated history of the numerous wing-in-ground effect (WIG) aircraft (including a number of concept studies) that have been designed in the Soviet Union over the years.

Guided Flight


Historical


The Boscombe Down Faireys: a Short History of their Time on Boscombe Down. N. Parker. Published by the author, 1 Gauntlet Road, Amesbury, Wiltshire SP4 7AQ, UK. 2006. 52pp. Illustrated. A revealing insight into the development and flight testing trials of the Fairey Delta 1 and 2 and the Rotodyne.


Lighter-than-Air


Funktufwerkzeug Jahre Zeppelin-Luftschiffbau. L. Durr (Berlin: VDI-Verlag GMBH. 1924). 83pp. Illustrated. Illustrated throughout with numerous photographs and other diagrams, this is a detailed pictorial survey designed for aeromodellers of the multi-role aircraft originally conceived as a high-altitude bomber.


A detailed well-illustrated history of the design evolution, flight testing and variants of the long-range bomber which first flew on 20 January 1953.


Incorporating a number of worked examples and their solutions, this volume provides a detailed introduction to the theory and history of aerospace propulsion from basic principles and the study of animal flight through to interplanetary flight and other potential future developments.

**Service Aviation**


**Letters from an Early Bird: the Life and Letters of Denys Corbett Wilson 1882-1915**. D. MacCarron. Pen & Sword Aviation, 47 Church Street, Barnsley, S Yorkshire S70 2AS, UK. 2006. 176pp. Illustrated. £19.99. ISBN 1-84415-382-7. Based upon his original training at the Blériot Flying School at Pau, Corbett Wilson accomplished in April 1912 the first flight over the Irish Sea in his Blériot XI. He later joined the newly-formed Royal Flying Corps serving in France with No 3 Squadron and his experiences as a WW1 pilot — through to his death on 10 May 1915 — are revealed in his letters included in this volume.

**Middle East Scrapbook**. H.F. Squire. The Pentland Press Limited, 1 Hutton Close, South Church, Barnsley, S Yorkshire S70 2AS, UK. 1997. 179pp. Illustrated. £15. 1-85821-478-5. Published posthumously and compiled by his family, the author’s informal memoirs of life as a RAFVR Medical Officer in North Africa, Greece, Cyprus and Malta during WW2 is supplemented by an account in letters of his experiences as a volunteer medical dresser in Serbia during WW1.


**PAPERS**


**ROVER**

Aerodynamics Efficiency Improvements of RANS-Based Analysis and Optimization using Implicit and Adjoint Methods on Unstructured Grids. R.P. Dwight. DLR FB 2006-11. 2006. The efficiency of an unstructured grid finite volume RANS solver is significantly improved using two implicit methods based on differing philosophies. The M6 Wing, NACA0016 and RAE 2822 aerofoil sections are used as case studies.

**Astronomy and Geodesy**


SOHO (Solar and Heliospheric Observatory) was launched on 2 December 1995 as a co-operative effort between ESA and NASA in the framework of the Solar Terrestrial Science Program (STSP). Its instruments probe the Sun from its nuclear core, through its turbulent interior and stormy atmosphere and all the way out to the Earth’s orbit and beyond.

**Space**


**SYMPOSIA**


**REPORTS**

**Aerodynamics**

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**Structures**

The Royal Aeronautical Society's Library holds a very extensive photographic/glass lantern slide/lithographic collection of aviation images (over 100,000) from the early days of ballooning through to current aircraft, missiles and rockets, including a number of portrait photographs of aviation personalities. Prints from the collection can be supplied to members and non-members on a fee basis for reproduction in books, journals, CD-ROMs, Internet sites, lecture slides or for use as presentation prints.

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