Library Additions

July/August 2011

BOOKS

GENERAL


AEROCOUSTICS


AERODYNAMICS


AIR TRANSPORT


A concise analysis of the different demands on airports (including passenger needs, transport access, noise and emissions reduction, security and baggage handling) and how they can be met in the future.


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AVIONICS AND SYSTEMS


GUIDED FLIGHT


HISTORICAL


De Havilland Moths in Detail: DH.60, DH.80, DH.82, DH.83, DH.85, DH.87 and DH.94. DH.82, DH.83, DH.85, DH.87 and DH.94. J T Mason. Hikoki Publications, 1a Ringway Trading Estate, Shawdowmoss Road, Manchester M22 5LH, UK. 2011. 237pp. Illustrated. £19.99. ISBN 978-0-901461-58-2. A detailed well-illustrated biography of the man who applied the principles of ‘Scientific Management’ — which he used to radically overhaul the operations of the London Midland and Scottish (LMS) Railway — to the aircraft industry when he was appointed the Air Ministry’s Director-General of Production (DGP) in 1938 alongside Air Marshal Sir Wilfrid Freeman and introduced methods to accelerate the production of Spitfires and other key aircraft types during 1938-1940.


MANAGEMENT


An overview of developments in risk analysis and management and the problems of implementing it in a growing safety culture where there are no zero risk projects.

PILOTING


PROPULSION


Rolls-Royce Hillington: Portrait of a Shadow Factory. Historical Series No 44, P Sherrard. The Rolls-Royce Heritage Trust, PO Box 31, Derby DE24 8BJ, UK. 2011. 131pp. + diskette. Illustrated. £10 (Rolls-Royce Heritage Trust members), £15 (non-members). ISBN 978-1-872922-45-4. Illustrated throughout with numerous contemporary photographs, this is a detailed account of the site near Glasgow which was originally established in 1939 to meet the increasing production demands for Merlin aircraft engines and managed by Rolls-Royce on behalf of the Air Ministry, incorporating the recollections of a number who were involved.

Sir Ernest Lemon — a Biography: the production engineer who modernised the LMS Railway and equipped the RAF for war. T Jenkins. The Railway & Canal Historical Society, 4 Broadway, Lincoln LN2 1SH, UK. 2011. 272pp. Illustrated. £24.95. ISBN 978-0-901461-58-2. A detailed well-illustrated biography of the man who applied the principles of ‘Scientific Management’ — which he used to radically overhaul the operations of the London Midland and Scottish (LMS) Railway — to the aircraft industry when he was appointed the Air Ministry’s Director-General of Production (DGP) in 1938 alongside Air Marshal Sir Wilfrid Freeman and introduced methods to accelerate the production of Spitfires and other key aircraft types during 1938-1940.

SERVICE AVIATION

Global Air Power. Edited by J A Olsen. Potomac Books, 22841 Quicksilver Dr, Dulles, VA 20166, USA. 2011. Distributed by Transatlantic Publishers Group, Unit 242, 235 Earl’s Court Road, London SW5 9FE, UK (T +44 (0)20 7373 2515; E richard@tpgltd.co.uk). 539pp. £42.50. [10% discount available to RAeS members on request]. ISBN 978-1-59797-555-1.


RAF Brampton in 1978, recollections of RAF Woodbridge, RAF Coltishall, Blue Streak, RAF Leuchars, RAF Akrotiri and Episkopi (Cyprus) and RAF Germany are among the postings discussed.


A revisionist biography of the top US Marine fighter ace in the Pacific theatre of WW2, who served in Burma and China as part of Clare Chennault’s American Volunteer Group (AVG) [The Flying Tigers] and was later put in command of the Black Sheep Squadron (VMF-214).

**UNMANNED AIR VEHICLES**


**Squadron X Flight which was formed to provide close air support to the desert army formed and commanded by T E Lawrence during the Arab Revolt of 1916-18.**


Originally published in 2000, this is a detailed account of how large numbers of exiled Polish, Czech, French, Norwegian, Belgian and Dutch pilots supported British air operations during WW2 and the political difficulties faced by the Air Ministry in amalgamating them into the RAF.


Incorporating extracts from a number of the author’s contemporary letters, this posthumously published memoirs provides a revealing insight into an RAF fighter pilot’s experiences during WW2 (including operations in France, El Alamein and the Western Desert and the Battle of Britain). The book concludes with a review of his post-war service career which culminated in his appointments as the last Commander-in-Chief of Fighter Command in 1968 and Deputy Commander-in-Chief Allied Forces Central Europe (AFCENT) in 1973.


The author recalls in these informal memoirs his varied career with the Royal Air Force beginning with his initial training at Cosford in 1943 and concluding with his retirement from
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. Scanned images 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.

All enquiries regarding the Library should be addressed to: Brian Riddle, Chief Librarian, National Aerospace Library, The Hub, Fowler Avenue, IQ Farnborough, Hants GU14 7JP, UK. T +44 (0)1252 701060. F +44 (0)1252 894894. E brian.riddle@aerosociety.com.

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