

# Library Additions

## BOOKS

### GENERAL

#### The Art of Flight

J Watkinson. American Institute of Aeronautics and Astronautics, Reston, VA. 2016. Distributed by Transatlantic Publishers Group, 97 Greenham Road, London N10 1LN, UK. 437pp. Illustrated. £87. [20% discount available to RAeS members on request; E mark.chaloner@tpgtd.co.uk T +44 (0)20 8815 5994]. ISBN 978-1-62410-372-8.

### AERODYNAMICS

#### Advanced Computational Fluid and Aerodynamics.

P G Tucker. Cambridge University Press, The Edinburgh Building, Cambridge CB2 8RU, UK. 2016. 567pp. Illustrated. £44.99. ISBN 978-1-107-42883-6.

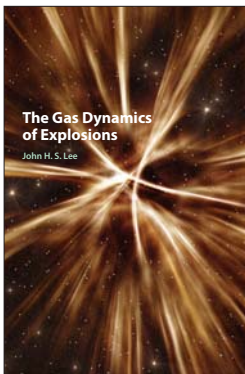
### AVIATION ART

#### Painted Wings.

R Smith. Published by the author, Westcott House, Mill Lane, Grimoldby, Lincs LN11 8TB, UK (E robin@robin-smith-art.co.uk). 123pp. Illustrated. £25 (plus £3.50 postage/packing). ISBN 978-1-5262-0170-6.

A compilation of over 50 colour reproductions of paintings by the aviation artist Robin Smith, accompanied by his commentary on the background to the paintings and of the aircraft depicted.

### GAS DYNAMICS



#### The Gas Dynamics of Explosions.

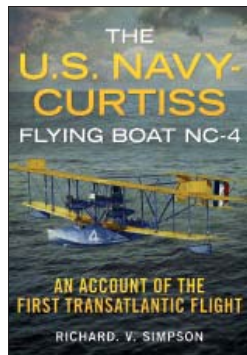
J H S Lee. Cambridge University Press, The Edinburgh Building, Cambridge CB2 8RU, UK. 2016. 205pp. Illustrated. £89.99. ISBN 978-1-107-10630-7.

### HISTORICAL

#### Miles M.52: Britain's Top Secret Supersonic Research Aircraft.

T Buttler. Crecy Publishing, 1a Ringway

Trading Estate, Shawdownmoss Road, Manchester M22 5LH, UK. 2016. 156pp. Illustrated. £24.95. ISBN 978-1-91080-904-4.



#### The US Navy - Curtiss Flying Boat NC-4: an Account of the First Transatlantic Flight.

R V Simpson. Fonthill Media Limited, Millview House, Toadsmoor Road, Stroud GL5 2TB, UK. 2016. 125pp. Illustrated. £18.99. ISBN 978-62545-009-8.

A well-illustrated history of the historic flight of the Curtiss NC-4 flying boat, a design collaboration between the US Navy and Curtiss. Powered by six-cylinder double-row 400hp Liberty 12A engines, the NC-4 – commanded by Lieutenant-Commander A C Read, USN – accomplished the first aerial crossing of the Atlantic ocean (by stages via the Azores). Departing from Trepassy Bay, Newfoundland, on 16 May 1919, the flying boat arrived at Lisbon, via Ponta Delgada, on 27 May, and then made a symbolic flight to Plymouth where it arrived on 31 May 1919 from where the original Pilgrim Fathers departed for America in the 'Mayflower' on 6 September 1620.

#### De Havilland Mosquito: the Original Multirole Combat Aircraft.

P Birtles. Fonthill Media Limited, Millview House, Toadsmoor Road, Stroud GL5 2TB, UK. 2015. 272pp. Illustrated. £30. ISBN 978-1-78155-494-4.

#### Vickers/BAC VC10 1962 to 2013 (all marks and models): an insight into the design, construction, operation and maintenance of the VC10 in civil and military service. Owner's Workshop Manual series.

K Wilson. Haynes Publishing, Sparkford, Yeovil, Somerset BA22 7JJ, UK. 2016. 196pp. Illustrated. £22.99. ISBN 978-0-85733-799-3.

Illustrated by over 300 photographs and other diagrams, a history of the evolution of the VC10 from its origins in the cancelled Vickers Type 716 V1000 through to its many successful civil and military variants, supplemented by the author's personal insights of his experiences flying the aircraft and a technical overview of its design, structure and systems, the book concluding with a summary listing of individual aircraft histories and the type's survivors.

#### Spitfire Postscript.

C R Russell. Published by the Author, Alderholt. 1994. 204pp. Illustrated. ISBN 0-9524858-0-X.

Complementing the author's earlier published memoirs *Spitfire Odyssey* (Kingfisher Railway Publications, 1985), a revealing insight into life during WW2 at the Vickers-Supermarine works at Woolston, Southampton – a centre for Spitfire production – including discussion and analysis of the 'Shadow Factory' at Castle Bromwich.

### LIGHTER-THAN-AIR

#### Coastal Patrol: Royal Naval Airship Operations during the Great War 1914-1918.

B Turpin. Fonthill Media Limited, Millview House, Toadsmoor Road, Stroud GL5 2TB, UK. 2016. 287pp. Illustrated. £30. ISBN 978-1-78155-527-9.

### SERVICE AVIATION

#### Wings of Empire: the Forgotten Wars of the Royal Air Force, 1919-1939.

B Renfrew. The History Press, The Mill, Brimscombe Port, Stroud, Gloucestershire GL5 2QG, UK. 2015. 320pp. Illustrated. £25. ISBN 978-0-7509-6507-1.

#### The Rise of the Bomber: RAF - Army Planning 1919 to Munich 1938.

G Baughen. Fonthill Media Limited, Millview House, Toadsmoor Road, Stroud GL5 2TB, UK. 2016. 304pp. Illustrated. £25. ISBN 978-1-78155-493-7.

#### Russia's Warplanes Vol 2: Russian-made Military Aircraft and Helicopters Today.

P Butowski. Harpia Publishing LLC, Houston, TX. 2016. Distributed by Casemate UK, 10 Hythe Bridge Street, Oxford, OX1 2EW. 2016. 251pp. Illustrated. £34.99. ISBN 978-0-9973092-0-1.

A detailed well-illustrated summary of the long-range bombers (Tupolev Tu-22M/Tu-95MS/Tu-160), maritime (Beriev Be-12/Be-200, Ilyushin Il-38/Il-114, Kamov Ka-27, Mil Mi-15, Tupolev Tu-142, Kamov Ka-65 Okovka), transport and tanker aircraft (Antonov AN-12/An-22/An-26/An-72/An-124/An-148, Ilyushin Il-18/Il-62M/Il-76/Il-78/Il-96-400TZ/Il-106/Il-112V/IL-214, Tupolev Tu-134A Balkany/Tu-154) and trainers (Aircraft Industries L-410UVP, Antonov An-2, Kamov Ka-226, Kazan Helicopters Ansat-U, KB SAT SR-10, Mil/PZL Swidnik Mi-2, Tupolev Tu-134/UTK DA, Yakovlev Yak-52/Yak-130/Yak-52) currently operated by the Russian Air Force.

#### MiG-29: 'Kosciuszko Squadron' Commemorative Scheme.

R Gretzyngier and W Matusiak. Published by Stratus, Poland, on behalf of Mushroom Model Publications, 3 Gloucester Close, Petersfield, Hants GU32 3AX, UK (www.mmpbooks.biz). 2016. 80pp. Illustrated. £15. ISBN 978-83-63678-64-7.

A detailed pictorial study of the commemorative markings used on the MiG-29s operated by the Polish Air Force in honour of an American-manned unit which formed part of the Polish Air Force in 1919 whose emblem was later adopted by the Polish No 303 Squadron which fought under the Royal Air Force during WW2.

#### Survival of a Bomber Command Pilot: Bill McFadden DFM, Légion d'Honneur, RAAF (rtd).

D M McFadden. Aubrey Warsash Publishing, 2 Charles Court, South Croydon, Surrey CR2 6PZ, UK. 2016. 139pp. Illustrated. £7.99. ISBN 978-0-9549582-6-8.

Based around contemporary family letters, the WW2 experiences of an airman who, in June 1940, volunteered to join the Royal Australian Air Force (RAAF) and, following an Empire Air Training Scheme course at Saskatoon in Canada, was to serve in Bomber Command with No 458 and No 69 Squadrons operating in Europe, Malta and the Middle East.

#### Dutch Military Aviation 1945-1978.

P A Jackson. Midland Counties Publications (Aerophile) Limited, Earl Shilton. 1978. 134pp. Illustrated. ISBN 0-9524858-0-X. 0-904597-11-3.

A detailed history of the development of military aviation in The Netherlands, in particular that of the organisation of the Koninklijke Luchtmacht, its units (including Dutch squadrons of the Royal Air Force and Fleet Air Arm), markings and details of all aircraft types operated.

#### Behind the Hangar Doors.

P Congdon. Sonik Books, Woodhall Spa. 1985. 160pp. Illustrated. ISBN 0-9510139-0-4.

A well-illustrated guide to the history of the badges, brevets, heraldry, insignia, decorations and social etiquette (including saluting and the evolution of the Officers' Mess) used by RAF squadrons and regimental flying units over the years.

### SPACE



#### British Secret Projects 5: Britain's Space Shuttle.

D Sharp. Crecy Publishing, 1a Ringway Trading Estate, Shawdownmoss Road, Manchester M22 5LH, UK. 2016. 261pp. Illustrated. £27.50. ISBN 978-1-91080-902-0.

Illustrated throughout with numerous line arrangement diagrams and artist impressions, a detailed history of the evolution of the British Aircraft Corporation (BAC) Mustard (Multi-Unit Space Transport and Recovery Device) space transporter programme and the preceding English Electric P42 hypersonic spaceplane vehicle. The volume concludes with a survey of the contemporary space vehicle project designs of Hawker Siddeley, Armstrong Whitworth, Avro, Junkers (Raumtransporter), Entwicklungsring Nord (ERNO) and Dassault.

For further information contact the National Aerospace Library. T +44 (0)1252 701038 or 701060 E hublibrary@aerosociety.com