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PROPULSION


ROTORCRAFT


AIRPROPELLED


A compilation of detailed essays – America as a Military Aerospace Nation’ (R P Hallon), America and NATO Airpower Applied’ (B S Lambeth), ‘Modelling Air Power: the Arab-Israeli Wars of the Twentieth Century’ (A Stephens), ‘The Israeli Air Forces and Asymmetric Conflicts, 1992-2014’ (R Rudolph), ‘Strategy and ‘The Airpower Profession’ (J A Warden) – review the evolution of the military air forces in the US and how operational airpower has been used to secure international strategic and political objectives.


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Originally published in 1962, an updated and expanded edition of a leading Bomber Command pilot and his experiences during WW2, who was eventually to die in July 1944 while undertaking his 107th operational mission flying the Aero Lancaster Mk III ND846 TL ‘J-Johnnie’. Includes Foreword by Air Vice-Marshall D C T Bennet.


A biography of Peter Diamandis and story of the $10m ‘X-Prize’ he founded to inspire the development of private passenger-carrying spaceships, a competition that was ultimately won by the Scaled Composites SpaceShipOne.


A graphic novel and historical account (including British and American programmes (882 produced by 548 companies) with detailed data summaries. The volume – which is alphabetically arranged by country and illustrated throughout with colour photographs and line arrangement diagrams – concludes with overview tables summarising air-launched missiles, aero-engines, auxiliary power units (APUs), propellers, aircraft floats and emergency parachute systems.

SPACE


Numerous colour photographs and other diagrams illustrate this detailed history of the design and development of the instrumentation and systems used on the Huygens space probe which, on 14 January 2005, successfully descended by parachute to the frozen surface of Titan (one of the 62 moons of Saturn) and the Cassini orbiter which, after 20 years in space (following its original launch on 15 October 1997), was planned to burn up in Saturn’s atmosphere in the summer of 2017.


STRUCTURES AND MATERIALS

Composite Materials for Aircraft Structures: Third edition. Edited by A A Baker and M L Scott. American Institute of Aeronautics and Astronautics, Reston, VA. 2016. Distributed by Transatlantic Publishers Group, 97 Greenhean Road, London N10 1LN, UK. 698pp. Illustrated. £120. [20% discount available to RAeS members on request; E mark.chaloner@tgpold.co.uk T +44 (0)20 8815 5994]. ISBN 978-1-62410-326-1.

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