Library Additions

BOOKS

AIR LAW


AVIATION MEDICINE


HISTORICAL

Shady Lady: 1,500 Hours Flying the U-2 Spy Plane. Lieutenant Colonel Rick Bishop. Shady Lady: 1,500 Hours Flying the U-2 Spy Plane. 1. Ringway Trading Estate, Shawdowmoss Road, Manchester M25 2LH, UK. 2017. xiiii, 280pp. Illustrated. £10.95. ISBN 978-1-78630-115-4. Illustrations. £160. ISBN 978-3-319-54944-6. An introduction to the procedures of aeromedical examinations is followed by a descriptive summary of the systems of the human body (eyes, heart, ears, lungs, stomach etc) and the major problems that can potentially arise in each area, the book concludes with lifestyle advice on how to avoid health problems.

PERFORMANCE


RELIABILITY


ROTORCRAFT


MECHANICS


MACHINES

The Space Shuttle Program: Technologies and Accomplishments. D Svolella. Springer. 2017. xvii, 651pp. Illustrated. £129.99. ISBN 978-3-319-54944-6. An introduction to the procedures of aeromedical examinations is followed by a descriptive summary of the systems of the human body (eyes, heart, ears, lungs, stomach etc) and the major problems that can potentially arise in each area, the book concludes with lifestyle advice on how to avoid health problems.

INTRODUCTION TO AIRCRAFT STRUCTURAL ANALYSIS


SYMPPOSIA

Spaceflight Mechanics 2017: Proceedings of the 27th AAS/AIAA Space Flight Mechanics Meeting held 5-9 February 2017, San Antonio, TX (4 vols), Advances in the Astronautical Sciences Vol 160. Edited by Y Guo et al. Univelt, PO Box 28130, San Diego, CA 92198, USA. 2017. 296pp. Illustrated. £95. ISBN 978-0-87703-639-5. The first spacewalking on 18 March 1965 by Soviet cosmonaut Alexei Leonov, Project Gemini, the evolution of the Soviet RD-107 and RD-118 rocket engines developed at OKB-546 under the leadership of V P Glushko, reaction-propelled manned aircraft concepts c1870-1900, the organization of space research in South America, the history of space tourism projects, the history of the Israeli space industry (including the rockets and missiles developed by Technion and in collaboration with France including the Jericho ballistic missile) and the contributions of Frederick C Durant III Vasily Mishin, Jonathan Mass, Yitzhak Mayo and Aby Har Even are among the subjects discussed.