

Astronautics Publications 2014

This list comprises English-language books published (original appearance or new edition) on various aspects of spaceflight in a variety of disciplines and ranging from juvenile and pop literature to texts intended for academia or practicing scientists and engineers. In addition to obvious topics of human spaceflight and unmanned interplanetary explorations, this list also includes the occasional non-astronautics title that has a space “flavor.” Titles that are published solely in electronic format are not included. Books in purple are for young readers.

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A–B

- † Abeyratne, Ruwantissa, *Regulation of Commercial Space Transport: The Astroczing of ICAO*. Springer [SpringerBriefs in Law Series].
- † Adler, Charles, *Wizards, Aliens, and Starships: Physics and Math in Fantasy and Science Fiction*. Princeton University Press.
- † Al-Ekabi, Cenana, Blandina Baranes, Peter Hulsroj, and Arne Lahcen (Eds.), *Yearbook on Space Policy 2011/2012: Space in Times of Financial Crisis*. Springer.
- † Anderson, John, and Richard Passman, *X-15: The World’s Fastest Plane and the Pilots Who Ushered in the Space Age*. Zenith Press [Smithsonian Series].
- † Bainbridge, William Sims, *The Meaning and Value of Spaceflight: Public Perceptions*. Springer.
- † Baker, David, and Helen Sharman, *Soyuz Owners’ Manual: 1967 Onwards (All Models)*. Haynes Publishing UK.
- † Barbree, Jay, *Neil Armstrong: A Life of Flight*. Thomas Dunne Books.
- † Bizony, Piers, *The Making of Stanley Kubrick’s 2001: A Space Odyssey*. Taschen.
- † Bizony, Piers, *New Space Frontiers: Venturing into Earth Orbit and Beyond*. Zenith Press.

- † Bower, Tom, *Branson: Behind the Mask*. Faber & Faber.
- † Brake, Mark, *How to Be a Space Explorer: Your Out-of-This-World Adventure*. Lonely Planet Kids [for young readers].
- † Burgess, Colin, *Liberty Bell 7: The Suborbital Mercury Flight of Virgil I. Grissom*. Springer Praxis Books.

C–D–E

- † Carroll, Michael, *Living among Giants: Exploring and Settling the Outer Solar System*. Springer.
- † Chen, James, *How to Find the Apollo Landing Sites*. Springer [The Patrick Moore Practical Astronomy Series].
- † Clegg, Brian, *Final Frontier: The Pioneering Science and Technology of Exploring the Universe*. St. Martin’s Press.
- † Crotts, Arlin, *The New Moon: Water, Exploration, and Future Habitation*. Cambridge University Press.
- † Dougherty, Kerrie (Ed.), *History of Rocketry and Astronautics, Proceedings of the 44th History Symposium of the International Academy of Astronautics (IAA), Prague, Czech Republic, 2010*. Univelt [Volume 41 of the AAS History Series. Includes DVD supplement of 2010 interview with IAA founding member Dr. Leslie (Les) Shepherd].
- † Dusek, Jiri, and Jan Pisala, *Space Atlas: A Voyage of Discovery for Young Astronauts*. Sterling Children’s Books [for young readers].
- † Erickson, Mark, *Into the Unknown Together: The DOD, NASA, and Early Spaceflight*. Military Bookshop.
- † Evans, Ben, *The Twenty-First Century in Space*. Springer Praxis Books.

F–G–H–I–J

- † Foss, Richard, *Food in the Air and Space: The Surprising History of Food and Drink in the Skies*. Rowan & Littlefield Publishers.

- † Gangler, Doug, *The Road to Modern Rocketry: Launch Bases, Centers, Museums, Memorials, and Monuments*. Champion Books, LLC.
- † Geiger, Jeffrey, *Camp Cooke and Vandenberg Air Force Base, 1941–1966: From Armor and Infantry Training to Space and Missile Launches*. McFarland.
- † Gerovitch, Slava, *Voices of the Soviet Space Program: Cosmonauts, Soldiers, and Engineers Who Took the USSR into Space*. Palgrave Macmillan [Palgrave Studies in the History of Science and Technology].
- † Gibson, Karen Bush, *Women in Space: 23 Stories of First Flights, Scientific Missions, and Gravity-Breaking Adventures*. Chicago Review Press [Women of Action Series].
- † Hadfield, Chris, *You Are Here: Around the World in 92 Minutes: Photographs from the International Space Station*. Little, Brown and Company.
- † Hitt, David, and Heather R. Smith, *Bold They Rise: The Space Shuttle Early Years, 1972–1986*. University of Nebraska Press [Outward Odyssey: A People's History of Spaceflight Series].
- † Houran, Lori Haskins, *A Trip into Space: An Adventure to the International Space Station*. Albert Whitman & Company [for young readers].
- † Israelian, Garik, and Brian May, *Starmus: 50 Years of Man in Space*. Carlton Books Ltd [This book is based on the 2011 Starmus festival that was held in Tenerife, Canary Islands, in June 2011].
- † Jacobsen, Annie, *Operation Paperclip: The Secret Intelligence Program that Brought Nazi Scientists to America*. Little, Brown and Company.
- † Johnson, Matthew, and Nick Stevens, *N-1: For the Moon and Mars: A Guide to the Soviet Superbooster*. ARA Press.
- † Kleiman, Matthew, *The Little Book of Space Law*. American Bar Association.
- † Krige, John, *Fifty Years of European Cooperation in Space: Building on Its Past, ESA Shapes the Future*. Les Editions Beauchesne.
- † Kuczera, Heribert, and Peter Sacher, *Reusable Space Transportation Systems*. Springer Praxis Books.
- † Launius, Roger, and David DeVorkin (Eds.), *Hubble's Legacy: Reflections by Those Who Dreamed It, Built It, and Observed the Universe with It*. Smithsonian Institution Scholarly Press.
- † Lambright, W. Henry, *Why Mars: NASA and the Politics of Space Exploration*. Johns Hopkins University Press [New Series in NASA History].
- † Lele, Ajey, *Asian Space Race: Rhetoric or Reality?* Springer.
- † Lewis, John, *Asteroid Mining 101: Wealth for the New Space Economy*. WaveCloud Corporation.
- † Liepack, Otfried (Ed.), *History of Rocketry and Astronautics, Proceedings of the 45th History Symposium of the International Academy of Astronautics (IAA), Cape Town, South Africa, 2011*. Univelt [Volume 42 of the AAS History Series].
- † Louie, Ai-Ling, *Astronaut Kalpana Chawla: Reaching for the Stars*. Dragoneagle Press [for young readers].
- † Lunney, Glynn, *Highways into Space: A First-Hand Account of the Beginnings of the Human Space Program*. Self-published.
- † Macdonald, Malcolm and Viorel Badescu (Eds.), *The International Handbook of Space Technology*. Springer Praxis Books.
- † Macy, Sue, *Sally Ride: Life on a Mission*. Aladdin [A Real-Life Story Series].
- † Mah, Sérgio, João Seixas, and John Gribbin, *Edgar Martins: The Rehearsal of Space and the Poetic Impossibility to Manage the Infinite*. La Fábrica [text in Spanish and English].
- † Manning, Rob and William Simon, *Mars Rover Curiosity: An Inside Account From Curiosity's Chief Engineer*. Smithsonian Books.

K–L–M

- † Kaufman, Marc, *Mars Up Close: Inside the Curiosity Mission*. National Geographic.

- † Manto, Cindy Donze, *Michoud Assembly Facility*. Arcadia Publishing [Images of America Series].
- † Matloff, Gregory, Les Johnson, and C. Bangs, *Living Off the Land in Space: Green Roads to the Cosmos*. Copernicus [paperback edition, first published as hardcover in 2007, but not previously noted so included in 2014 list].
- † Miller, Ron, *The Art of Space: The History of Space Art, from the Earliest Visions to the Graphics of the Modern Era*. Zenith Press.
- † Mitchell, Edgar, with Ellen Mahoney, *Earthrise: My Adventures as an Apollo 14 Astronaut*. Chicago Review Press.
- † Moltz, James, *Crowded Orbits: Conflict and Cooperation in Space*. Columbia University Press.
- † Money, Stewart, *Here Be Dragons: The Rise of SpaceX and the Journey to Mars*. Apogee Prime.

N-O-P-Q

- † Najjar, Michael, *Michael Najjar: Outer Space*. Distanz [The author is in the queue as a passenger on a Virgin Galactic commercial flight; bilingual edition].
- † Neal, Valerie, *Discovery: Champion of the Space Shuttle Fleet*. Zenith Press [Smithsonian Series].
- † Neufeld, Michael, *Milestones of Space: Eleven Iconic Objects from the Smithsonian National Air and Space Museum*. Zenith Press [Smithsonian Series].
- † Oberth, Hermann, *The Rocket into Planetary Space*. De Gruyter Oldenbourg [English translation of Oberth's seminal title, *Die Rakete zu den Planetenräumen*].
- † Ordway, Frederick, and Robert Godwin, *2001: The Heritage and Legacy of the Space Odyssey*. Apogee Prime [incorrect publication date noted on Amazon].
- † Page, Joseph, II, *Vandenberg Air Base*. Arcadia Publishing [Images of America Series].
- † Pastan, Amy, *The Smithsonian Book of Air and Space Trivia*. Smithsonian Books.
- † Phillips, Scott "Shuttleman" with Dianne Phillips, *Remove Before Flight: Memoir of a Space Shuttle Team Member*. Tate Publishing.
- † Pyle, Rod, *Curiosity: An Inside Look at the Mars Rover Mission and the People Who Made it Happen*. Prometheus Books.
- † Pyle, Rod, *Innovation the NASA Way: Harnessing the Power of Your Organization for Breakthrough Success*. McGraw-Hill.

R-S-T

- † Rooney, Anne, *Space Record Breakers*. Carlton Kids [for young readers].
- † Ross, Jerry, with Susan Gunderson, *Becoming a Spacewalker: My Journey to the Stars*. Purdue University Press.
- † Sage, Daniel, *How Outer Space Made America: Geography, Organization and the Cosmic Sublime*. Ashgate Pub Co [listed on Amazon as a new edition, but no previous edition noted].
- † Schrogl, Kai-Uwe, Peter Hays, Jana Robinson, Denis Moura, and Christina Giannopapa (Eds.), *Handbook of Space Security: Policies, Applications and Programs*. Springer.
- † Scott, David Meerman, and Richard Jurek, *Marketing the Moon: The Selling of the Apollo Lunar Program*. The MIT Press.
- † Seedhouse, Erik, *Bigelow Aerospace: Colonizing Space One Module at a Time*. Springer Praxis Books.
- † Seedhouse, Erik, *Suborbital: Industry at the Edge of Space*. Springer Praxis Books.
- † Seedhouse, Erik, *Tourists in Space: A Practical Guide*. Springer Praxis Books [second edition].
- † Sherr, Lynn, *Sally Ride: America's First Woman in Space*. Simon & Schuster.
- † Silberkraus, Stephen Hayward, *The Space Shuttle Endeavour*. Arcadia Publishing [Images of Modern America Series].
- † Singh, R. K., *Military Application of Space: The Indian Perspectives*. Vij Books India.
- † Smith, Michael, *Rockets and Revolution: A Cultural History of Early Spaceflight*. University of Nebraska Press.

- † Soluri, Michael, *Infinite Worlds: The People and Places of Space Exploration*. Simon & Schuster.
- † Sparrow, Giles, *Hubble: Legacy Edition*. Metro.
- † Sparrow, Giles, Chris McNab, and Judith John, *The Illustrated Encyclopedia of Space & Space Exploration*. Metro
- † Stott, Carole, *Space Exploration*. Dorling Kindersley [DK Eyewitness Books; for young readers].
- † Tarikhi, Parviz, *The Iranian Space Endeavor: Ambitions and Reality*. Springer Praxis Books.
- † Tribbe, Matthew, *No Requiem for the Space Age: The Apollo Moon Landings and Popular Culture*. Oxford University Press.
- † Turkina, Olesya, *Soviet Space Dogs*. FUEL Publishing.
- † Weng, Qihao, *Global Urban Monitoring and Assessment through Earth Observation*. CRC Press [Remote Sensing Application Series].
- † West, David, *Lots of Things You Want to Know About Astronauts ... and Some You Don't!* Hachette Children's Books [for young readers].
- † Whalen, David, *The Rise and Fall of COMSAT: Technology, Business, and Government in Satellite Communications*. Palgrave Macmillan.
- † White, Frank, *The Overview Effect: Space Exploration and Human Evolution*. AIAA [**third edition**].
- † Whitfield, Steve (Ed.), *Gemini 3: The NASA Mission Reports*. Apogee Prime.

U-V-W-X-Y-Z

- † Uhlig, Thomas, Florian Sellmaier, and Michael Schmidhuber (Eds.), *Spacecraft Operations*. Springer.
- † Ulivi, Paolo, with David Harland, *Robotic Exploration of the Solar System: Part 4: The Modern Era, 2004–2013*. Springer Praxis Books.
- † Venet, Christopher, and Blandina Baranes (Eds.), *European Identity through Space: Space Activities and Programmes as a Tool to Reinvigorate the European Identity*. Springer [Studies in Space Policy Series].
- † Vulpetti, Giovanni, *Fast Solar Sailing: Astrodynamics of Special Sailcraft Trajectories*. Springer [Space Technology Library].
- † Vulpetti, Giovanni, Les Johnson, and Gregory Matloff, *Solar Sails: A Novel Approach to Interplanetary Travel*. Springer Praxis Books [**second edition**].
- † Walters, Brendon, *Civil Earth Observations: National Strategy and Plan*. Nova Science Pub Inc.
- † Weiland, Claus, *Aerodynamic Data of Space Vehicles*. Springer.
- † Weiland, Claus, *Computational Space Flight Mechanics*. Springer.