

Astronautics Publications 2016

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 denoted by ‘🚲’ are for young readers. Special thanks to Chris Gamble and Joni Wilson for their assistance in compiling and editing the list.

—MLC

A–B

- 🚲 **Acampora, Courtney**, *Smithsonian Adventures in Space*. Silver Dolphin Books.
- 🚲 **Adamson, Thomas**, *Apollo 11 Moon Landing: An Interactive Space Exploration Adventure*. Capstone Press [You Choose: Space series].
- 🚲 **Aldrin, Buzz with Ken Abraham**, *No Dream Is Too High: Life Lessons from a Man Who Walked on the Moon*. National Geographic.
- 🚲 **Alonso, Pedro (ed.)**, *Space Race Archaeologies: Photographs, Biographies and Design*. DOM Publishers.
- 🚲 **Anderson, Amy and Brian Anderson**, *Space Dictionary for Kids: The Everything Guide for Kids Who Love Space*. Prufrock Press.
- 🚲 **Armstrong, Rachel (ed.)**, *Star Ark: A Living, Self-Sustaining Spaceship*. Springer Praxis.
- 🚲 **Arrighi, Robert**, *Bringing the Future Within Reach: Celebrating 75 Years of the NASA John H. Glenn Research Center*. NASA SP-2016-627.
- 🚲 **Atkinson, Nancy**, *Incredible Stories from Space: A Behind-the-Scenes Look at the Missions Changing Our View of the Cosmos*. Page Street Publishing.

- 🚲 **Baker, David**, *North American X-15: Owner’s Workshop Manual*. Haynes Publishing UK [Owner’s Workshop Manual].
- 🚲 **Baker, David**, *US Spy Satellites: Owner’s Workshop Manual*. Haynes Publishing UK [Owner’s Workshop Manual].
- 🚲 **Baumann, Anne-Sophie**, *The Ultimate Book of Space*. Twirl.
- 🚲 **Beardsley, Ann, Tony Garcia, and Joseph Sweeney**, *Historical Guide to NASA and the Space Program*. Rowman & Littlefield Publishers.
- 🚲 **Bigname, Giovanni and Andrea Sommariva**, *The Future of Human Space Exploration*. Palgrave Macmillan.
- 🚲 **Bloom, John**, *Eccentric Orbits: The Iridium Story*. Atlantic Monthly Press.
- 🚲 **Bow, James**, *Dawn Probe: A Robot Explores the Dwarf Planet Ceres*. PowerKids Press [Robots Exploring Space series].
- 🚲 **Bow, James**, *New Horizons: A Robot Explores Pluto and the Kuiper Belt*. PowerKids Press [Robots Exploring Space series].
- 🚲 **Buckbee, Ed (ed.)**, *The Greatest Space Generation As Inspired by Wernher von Braun*. Acclaim Press.
- 🚲 **Burgess, Colin**, *Aurora 7: The Mercury Space Flight of M. Scott Carpenter*. Springer Praxis.
- 🚲 **Burgess, Colin**, *Faith 7: L. Gordon Cooper, Jr., and the Final Mercury Mission*. Springer Praxis.
- 🚲 **Burgess, Colin**, *Sigma 7: The Six Mercury Orbits of Walter M. Schirra, Jr.* Springer Praxis.
- 🚲 **Burgess, Colin and Bert Vis**, *Interkosmos: The Eastern Bloc’s Early Space Program*. Springer.
- 🚲 **Burgess, Colin and Kate Doolan with Bert Vis**, *Fallen Astronauts: Heroes Who Died Reaching for the Moon*. Revised edition (first published in 2003). University of Nebraska Press.

C–D–E

- 🚲 **Carroll, Michael**, *Picture This! Grasping the Dimensions of Time and Space*. Springer.
- 🚲 **Chambers, Mark**, *NASA Kennedy Space Center*. Arcadia Publishing [Images of Modern America series].

- 🏰 **David, Leonard**, *Mars: Our Future on the Red Planet*. National Geographic.
- 🏰 **Dawson, Linda**, *The Politics and Perils of Space Exploration: Who Will Compete, Who Will Dominate?* Springer Praxis.
- 🏰 **De Luca, Luigi, Toru Shimada, Valery Sinditskii, and Max Calabro (eds.)**, *Chemical Rocket Propulsion: A Comprehensive Survey of Energetic Materials*. Springer Aerospace Technology.
- 🏰 **Dick, Steven (ed.)**, *Historical Studies in the Societal Impact of Spaceflight*. NASA SP-2015-4803.
- 🏰 **Dienesch, Robert**, *Eyeing the Red Storm: Eisenhower and the First Attempt to Build a Spy Satellite*. University of Nebraska Press.
- 🚲 **DK**, *Space Visual Encyclopedia*. DK Children.
- 🚲 **DK**, *Spaceships and Rockets*. DK Children.
- 🏰 **Dyson, Marianne**, *A Passion for Space: Adventures of a Pioneering Female NASA Flight Controller*. Springer Praxis.
- 🏰 **Emrich, William, Jr.**, *Principles of Nuclear Rocket Propulsion*. Butterworth-Heinemann.
- 🚲 **Englert, Christoph**, *Destination: Space*. Wide Eyed Editions.
- 🏰 **Eyres, Harry**, *Seeing Our Planet Whole: A Cultural and Ethical View of Earth Observation*. Springer.
- 🏰 **Godwin, Robert**, *William Leitch: Presbyterian Scientist and the Concept of Rocket Space Flight, 1854–1864*. Apogee Books.
- 🏰 **Grant, Benjamin**, *Overview: A New Perspective of Earth*. Amphoto Books.
- 🏰 **Guthrie, Julian**, *How to Make a Spaceship: A Band of Renegades, an Epic Race, and the Birth of Private Spaceflight*. Penguin Press.
- 🚲 **Hardyman, Robyn**, *Voyager Probes: Robots on an Interstellar Mission*. PowerKids Press [Robots Exploring Space series].
- 🏰 **Häuplik-Meusberger, Sandra and Olga Bannova**, *Space Architecture Education for Engineers and Architects: Designing and Planning beyond Earth*. Springer [Space and Society series].
- 🚲 **Herrington, John**, *Mission to Space*. White Dog Press.
- 🏰 **Hillis, Durrell**, *Creating Iridium: How a Remarkable Team Made Space History*. Vesuvius Press.
- 🏰 **Holt, Nathalia**, *Rise of the Rocket Girls: The Women Who Propelled Us, from Missiles to the Moon to Mars*. Little, Brown and Company.
- 🏰 **Hunter, Maxwell, II**, *Thrust into Space – Official 50th Anniversary Reissue*. Maxwell W. Hunter Foundation.
- 🚲 **Hutchison, Patricia**, *Exploring beyond Our Solar System*. Child’s World [Wonders of Space series].
- 🚲 **Hutchison, Patricia**, *The First Moon Landing*. Child’s World [Wonders of Space series].
- 🚲 **Hutchison, Patricia**, *The Mars Rovers*. Child’s World [Wonders of Space series].
- 🏰 **Jakhu, Ram, Joseph Pelton, and Yaw Otu Mankata Nyampong**, *Space Mining and Its Regulation*. Springer Praxis.
- 🚲 **Jenkins, David and Adrian Buckley**, *Moonwalk: The Story of the Apollo 11 Moon Landing*. Circa Press.
- 🏰 **Johnson, Adam**, *2001: The Lost Science Volume 2, The Scientists, Influences and Designs from the Frederick I. Ordway III Estate*. Apogee Prime.
- 🏰 **Johnson-Freese, Joan**, *Space Warfare in the 21st Century: Arming the Heavens*. Routledge.

F–G–H–I–J

- 🏰 **Freeman, Marsha (ed.)**, *History of Rocketry and Astronautics, Proceedings of the 48th History Symposium of the International Academy of Astronautics (IAA), Toronto, Canada, 2014*. Univelt [Volume 46 of the AAS History Series].
- 🏰 **French, Francis (ed.)**, *Apollo Pilot: The Memoir of Astronaut Donn Eisele*. University of Nebraska Press.
- 🏰 **Gallentine, Jay**, *Infinity Beckoned: Adventuring through the Inner Solar System, 1969–1989*. University of Nebraska Press.
- 🏰 **Godwin, Robert (ed.)**, *The Father of Canadian Astronautics: The Life of Dr. Philip A. Lapp O.C.* Apogee Prime.

🚲 **Jones, Tom**, *Ask the Astronaut: A Galaxy of Astonishing Answers to Your Questions on Spaceflight*. Smithsonian Books.

K-L-M

🚲 **Kortenkamp, Steve**, *Mars Exploration Rovers: An Interactive Space Exploration Adventure*. Capstone Press [You Explore: Space series].

🚲 **Kraft, Norbert, James Kass, and Raye Kass (eds.)**, *Mars One: Humanity's Next Great Adventure: Inside the First Human Settlement on Mars*. BenBella Books.

🚲 **Lakin, Patricia**, *The Stellar Story of Space Travel*. Simon Spotlight [History of Fun Stuff series].

🚲 **Lassieur, Allison**, *International Space Station: An Interactive Space Exploration Adventure*. Capstone Press [You Choose: Space series].

🚲 **Lawrie, Alan**, *Saturn V Rocket*. Arcadia Publishing [Images of Modern America series].

🚲 **Leopold, George**, *Calculated Risk: The Supersonic Life and Times of Gus Grissom*. Purdue University Press.

🚲 **Massimino, Mike**, *Spaceman: An Astronaut's Unlikely Journey to Unlock the Secrets of the Universe*. Crown Archetype.

🚲 **Messeri, Lisa**, *Placing Outer Space: An Earthly Ethnography of Other Worlds*. Duke University Press [Experimental Futures series].

🚲 **Miller, Roland**, *Abandoned in Place: Preserving America's Space History*. University of New Mexico Press.

🚲 **Miller, Ron**, *Spaceships: An Illustrated History of the Real and the Imagined*. Smithsonian Books.

🚲 **Mitchell, Don**, *Bossart: America's Forgotten Rocket Scientist*. Mental Landscape, LLC.

N-O-P-Q

🚲 **Nagelhout, Ryan**, *Space Robots*. PowerKids Press [Robots and Robotics series].

🚲 **Nicogossian, Arnauld, Richard Williams, Carolyn Huntoon, Charles Doarn, James Polk, and Victor Schneider (eds.)**, *Space*

Physiology and Medicine: From Evidence to Practice. Springer.

🚲 **Nixon, David and Nicole Stott**, *International Space Station: Architecture beyond Earth*. Circa Press.

🚲 **O'Sullivan, John**, *In the Footsteps of Columbus: European Missions to the International Space Station*. Springer Praxis.

🚲 **Pace, Steve**, *The Projects of Skunk Works: 75 Years of Lockheed Martin's Advanced Development Programs*. Voyageur Press.

🚲 **Pelton, Joseph, Ram Jakhu, and Yaw Out Mankata Nyampong (eds.)**, *Space Mining and Its Regulation*. Springer Praxis.

🚲 **Pettit, Donald**, *Spaceborne*. Press Syndication Group.

🚲 **Pfiffikus**, *Think Like an Astronaut! How Do Rockets Work?* Pfiffikus.

🚲 **Phelan, Dominic**, *Soviet Space Secrets: Hidden Stories from the Space Race*. CreateSpace Independent Publishing Platform.

🚲 **Pyle, Rod**, *Blueprint for a Battlestar: Serious Scientific Explanations Behind Sci-Fi's Greatest Inventions*. Sterling.

🚲 **Pyle, Rod**, *Mars: Making Contact*. Andre Deutsch Ltd.

R-S-T

🚲 **Reichl, Eugen**, *Project Apollo: The Early Years, 1961-1967*. Schiffer [America in Space Series].

🚲 **Reichl, Eugen**, *Project Gemini*. Schiffer [America in Space Series].

🚲 **Reichl, Eugen**, *Project Mercury*. Schiffer [America in Space Series].

🚲 **Ringstad, Arnold**, *The International Space Station*. Child's World [Wonders of Space series].

🚲 **Ringstad, Arnold**, *Space Missions of the 21st Century*. Child's World [Wonders of Space series].

🚲 **Ringstad, Arnold**, *The Voyager Space Probes*. Child's World [Wonders of Space series].

🚲 **Royston, Angela**, *The Cassini Mission: Robots Exploring Saturn and Its Moon Titan*.

PowerKids Press [Robots Exploring Space series].

📖 **Schwartz, James and Tony Milligan (eds.)**, *The Ethics of Space Exploration*. Springer [Space and Society series].

📖 **Seedhouse, Erik**, *XCOR: Developing the Next Generation Spaceplane*. Springer Praxis.

📖 **Shanahan, Mark**, *Eisenhower at the Dawn of the Space Age: Sputnik, Rockets, and Helping Hands*. Lexington Books.

📖 **Sharp, Daniel**, *British Secret Projects: Britain's Space Shuttle*. Crecy Publishing.

📖 **Sharp, Gordon**, *Going the Extra Mile: Stories from the History of Aviation Medicine*. Mereon Books.

📖 **Shayler, David and David Harland**, *Enhancing Hubble's Vision: Service Missions That Expanded Our View of the Universe*. Springer Praxis.

📖 **Shayler, David and David Harland**, *The Hubble Space Telescope: From Concept to Success*. Springer Praxis.

📖 **Shetterly, Margot Lee**, *Hidden Figures: The American Dream and the Untold Story of the Black Women Mathematicians Who Helped Win the Space Race*. William Morrow.

📖 **Shubin, Daniel**, *Konstantin Eduardovich Tsiolkovsky: The Pioneering Rocket Scientist and His Cosmic Philosophy*. Algora Publishing.

🚲 **Snedden, Robert**, *Rosetta Probe: A Robot's Mission to Catch a Comet*. PowerKids Press [Robots Exploring Space series].

📖 **Sobel, Dava**, *The Glass Universe: How the Ladies of the Harvard Observatory Took the Measure of the Stars*. Viking.

🚲 **Spence, Kelly**, *Mars Probes: Robots Explore the Red Planet*. PowerKids Press [Robots Exploring Space series].

📖 **Spudis, Paul**, *The Value of the Moon: How to Explore, Live, and Prosper in Space using the Moon's Resources*. Smithsonian Books.

🚲 **Steffoff, Rebecca**, *Space Race: An Interactive Space Exploration Adventure*. Capstone Press [You Choose: Space series].

📖 **Steven-Boniecki, Dwight (ed.)**, *Skylab 3: The NASA Mission Reports*. Apogee Books.

📖 **Steven-Boniecki, Dwight (ed.)**, *Skylab 4: The NASA Mission Reports*. Apogee Books.

📖 **Stooke, Philip**, *The International Atlas of Mars Exploration: From Spirit to Curiosity, Volume 2, 2004 to 2014*. Cambridge University Press.

📖 **Strukov, Vlad and Helena Goscilo (eds.)**, *Russian Aviation, Space Flight, and Visual Culture*. Routledge [Contemporary Russia and Eastern Europe series].

📖 **Ta, Julia and Robert Treviño**, *Walking to Olympus: An EVA Chronology, 1997-2011—Volume 2*. NASA SP-2016-4550.

📖 **Taylor, Fred**, *Exploring the Planets: A Memoir*. Oxford University Press.

📖 **Teitel, Amy Shira**, *Breaking the Chains of Gravity: The Story of Spaceflight before NASA*. Bloomsbury Sigma.

📖 **Thompson, Mark**, *A Space Traveler's Guide to the Solar System*. Pegasus Books.

📖 **Tyson, Neil deGrasse**, *Star Talk: Everything You Ever Need to Know about Space Travel, Sci-Fi, the Human Race, the Universe, and Beyond*. National Geographic.

U-V-W-X-Y-Z

📖 **van den Abeelen, Luc**, *Spaceplane HERMES: Europe's Dream of Independent Manned Spaceflight*. Springer Praxis.

🚲 **VanVoorst, Jenny Fretland**, *Rovers*. Jump! [Space Explorers series].

🚲 **VanVoorst, Jenny Fretland**, *Spacecraft*. Jump! [Space Explorers series].

📖 **von Ehrenfried, Dutch**, *The Birth of NASA: The Work of the Space Task Group, America's First True Space Pioneers*. Springer Praxis.

🚲 **Waldman, Ariel**, *What's It Like in Space? Stories from Astronauts Who've Been There*. Chronicle Books.

📖 **Wetherbee, Jim**, *Controlling Risk in a Dangerous World*. Morgan James Publishing.

📖 **White, Rowland**, *Into the Black: The Extraordinary Untold Story of the First Flight of the Space Shuttle Columbia and the Astronauts Who Flew Her*. Touchstone.

🚲 **Williams, Dave and Loredana Cunti**, *To Burp or Not to Burp: A Guide to Your Body in Space*. Annick Press [Dr. Dave Astronaut series]

🚀 **Wohlforth, Charles and Amanda Hendrix**, *Beyond Earth: Our Path to a New Home in the Planets*. Pantheon.

🚀 **Woods, David**, *NASA Saturn V—1967–1973 (Apollo 4 to Apollo 17 & Skylab)*. Haynes Publishing UK [Owner's Workshop Manual].