

Astronautics Publications 2013

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. This list was prepared in cooperation with Chris Gamble. 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.”

—MLC

A–B

- † Aguilar, David, *Space Encyclopedia: A Tour of Our Solar System and Beyond* (National Geographic Kids). National Geographic [for young readers]
- † Aldrin, Buzz and Leonard David, *Mission to Mars: My Vision for Space Exploration*. National Geographic
- † Allahdadi, Firooz, Isabelle Rongier, Paul Wilde, and Tommaso Sgobba (Eds.), *Safety Design for Space Operations*. Butterworth-Heinemann
- † Arthus-Bertrand, Yann, *Earth from Space*. Abrams
- † Baker, David, *Apollo 13 Owners’ Workshop Manual*. Zenith Press
- † Baker, David, *NASA Mars Rovers 1997–2013: Owners’ Workshop Manual*. Haynes Publishing
- † Basher, Simon and Dan Green, *Space Exploration: It Is Rocket Science!* Kingfisher [for young readers]
- † Bell, Jim, *The Space Book: From the Beginning to the End of Time, 250 Milestones in the History of Space & Astronomy*. Sterling Milestones
- † Bennett, Jeffrey, *Max Goes to the Space Station: A Science Adventure with Max the Dog*. Big Kid Science [although this is a work of fiction, it offers an account of ISS for young readers]

- † Bignami, Giovanni and Andrea Sommariva, *A Scenario for Interstellar Exploration and Its Financing*. Springer
- † Billings, Lee, *Five Billion Years of Solitude: The Search for Life among the Stars*. Penguin Group
- † Boozer, R.D., *The Plundering of NASA: An Exposé*. Lulu.com
- † Bruns, Laura and Mike Litchfield (Eds.), *Johnson Space Center (Images of Aviation)*. Arcadia Publishing
- † Burgess, Colin, *Moon Bound: Choosing and Preparing NASA’s Lunar Astronauts*. Springer Praxis

C–D–E

- † Carroll, Michael and Rosaly Lopes (Eds.), *Alien Seas: Oceans in Space*. Springer
- † Clarke, Fred, *Arthur C. Clarke: A Life Remembered*. Apogee Prime
- † Comer, Douglas and Michael Harrower, *Mapping Archeological Landscapes from Space*. Springer
- † Coustenis, Athena, and Thérèse Encrenaz, *Life beyond Earth: The Search for Habitable Worlds in the Universe*. Cambridge University Press
- † D’Angelo, Marcello, *Space*. White Star Publishers
- † D’Aramitz, Eloy (Ed.), *Major Projects at NASA: Select Assessments*. Nova Science Publishers
- † Davy, Owen, *Laika: Astronaut Dog*. Templar [children’s book]
- † Down, Heather, *Postcards from Space: The Chris Hadfield Story*. Wintertickle Press [for young readers]
- † Easton, Richard and Eric Frazier, *GPS Declassified: From Smart Bombs to Smartphones*. Potomac Books
- † Eckles, Jim, *Pocketful of Rockets: History and Stories behind White Sands Missile Range*. CreateSpace Independent Publishing Platform
- † Evans, Ben, *Partnership in Space: The Mid to Late Nineties*. Springer Praxis

† Evans, Michelle, *The X-15 Rocket Plane: Flying the First Wings into Space*. University of Nebraska Press

F–G–H–I–J

† Fairén, Alberto (Ed.), *Mars: Evolution, Geology and Exploration*. Nova Science Publishers

† Gavaghan, Helen, *Something New under the Sun: Satellites and the Beginning of the Space Age*. Springer [first published in 1997]

† Godwin, Robert, *H.G. Wells The First Men in the Moon: The Story of the 1919 Film*. Apogee Prime

† Gooden, Brett, *Spacesuit: A History through Fact and Fiction*. Casemate Publishers [first published in 2012]

† Hadfield, Chris, *An Astronaut's Guide to Life on Earth: What Going to Space Taught Me about Ingenuity, Determination, and Being Prepared for Anything*. Little, Brown and Company

† Harlow, John (Ed.), *History of Rocketry and Astronautics: Proceedings of the Forty-Second History Symposium of the International Academy of Astronautics, Glasgow, United Kingdom, 2008*. Univelt

† Harvey, Brian, *China in Space: The Great Leap Forward*. Springer Praxis

† Houchin, Roy, *US Hypersonic Research and Development: The Rise and Fall of Dyna-Soar, 1944–1963*. Routledge [softcover edition of a title first published in 2006]

† Houston, Rick, *Wheels Stop: The Tragedies and Triumphs of the Space Shuttle Program, 1986–2011*. University of Nebraska Press

† Hulsroj, Peter, Spyros Pagkratis, and Blandina Baranes (Eds.), *Yearbook on Space Policy 2010/2011: The Forward Look*. Springer

† Impey, Chris and Holly Henry, *Dreams of Other Worlds: The Amazing Story of Unmanned Space Exploration*. Princeton University Press

† Impey, Chris, Anna Spitz, and William Stoeger (Eds.), *Encountering Life in the Universe: Ethical Foundations and Social Implications of Astrobiology*. University of Arizona Press

K–L–M

† Kay, Luciano, *Technological Innovation and Prize Incentives: The Google Lunar X Prize and Other Aerospace Competitions*. Edward Elgar Publishing

† Koppel, Lily, *The Astronaut Wives Club: A True Story*. Grand Central Publishing

† Krige, John, Angelina Long Callahan, and Ashok Maharaj, *NASA in the World: Fifty Years of International Collaboration in Space*. Palgrave Macmillan

† Lardier, Christian and Stefan Barensky, *The Soyuz Launch Vehicle: The Two Lives of an Engineering Triumph*. Springer Praxis

† Launius, Roger (Ed.), *Exploring the Solar System: The History and Science of Planetary Exploration*. Palgrave Macmillan

† Launius, Roger, John Krige, and James Craig, *Space Shuttle Legacy: How We Did It and What We Learned*. American Institute of Aeronautics and Astronautics

† Lee, Pascal, *Mission: Mars*. Scholastic [for young readers]

† Lele, Ajey, *Mission Mars: India's Quest for the Red Planet*. Springer

† Lunan, Duncan, *Incoming Asteroid: What Could We Do about It?* Springer

† Marck, Bernard, *Women Aviators: From Amelia Earhart to Sally Ride, Making History in Air and Space*. Flammarion

† Maxwell, Scott and Catherine Chambers, *Mars Rover Driver: The Coolest Jobs on the Planet*. Raintree [for young readers]

† McEwen, Alfred, Francis Rocard, and Nicolas Mangold, and Xavier Barral (Eds.), *This Is Mars*. Aperture

† McQuarrie, John (Ed.), *Earth, Spirit of Place: Featuring the Photographs of Chris Hadfield*. Magic Light Publishing

† Mieczkowski, Yanek, *Eisenhower's Sputnik Moment: The Race for Space and World Prestige*. Cornell University Press

† Moberly, Martin, *It Came from Outer Space Wearing an RAF Blazer: A Fan's Biography of Sir Patrick Moore*. Springer

† Morgan, George, *Rocket Girl: The Story of Mary Sherman Morgan, America's First Female Rocket Scientist*. Prometheus Books

N-O-P-Q

† NASA, *Skylab Saturn IB Flight Manual*, Periscope Film LLC. [commercial reprint of a NASA report]

† Neufeld, Michael, *Spacefarers: Images of Astronauts and Cosmonauts in the Heroic Era of Spaceflight*. Smithsonian Institution Scholarly Press

† Niccoli, Riccardo, *History of Flight: From Leonardo's Flying Machine to the Conquest of Space*. White Star Publishers

† Norberg, Carol (Ed.), *Human Spaceflight and Exploration*. Springer Praxis

† Page, Joseph, *New Mexico Space Trail*. Arcadia Publishing

† Pelton, Joseph, *Space Debris and Other Threats from Outer Space*. Springer

† Piantadosi, Claude, *Mankind beyond Earth: The History, Science, and Future of Human Space Exploration*. Columbia University Press

† Pressel, Philip, *Meeting the Challenge: The Hexagon KH-9 Reconnaissance Satellite*.

American Institute of Aeronautics and Astronautics

R-S-T

† Ransted, Chris, *Disarming Hitler's V Weapons: Bomb Disposal—The V1 and V2 Rockets*. Pen and Sword

† Remak, Jeannette, *To Slip the Surly Bonds: NASA, the Shuttle Disasters, and the Demise of the U.S. Manned Space Program*. CreateSpace Independent Publishing Platform

† Reynolds, David West, *Apollo: The Epic Journey to the Moon, 1963–1972*. Zenith Press [first published in 2002]

† Ross, Jerry and John Norberg, *Spacewalker: My Journey in Space and Faith as NASA's Record-Setting Frequent Flyer*. Purdue University Press

† Rothmund, Christophe (Ed.), *History of Rocketry and Astronautics: Proceedings of the Forty-Third History Symposium of the International Academy of Astronautics, Daejeon, Republic of Korea, 2009*. Univelt

† Russell, Lamar, *The Silence and the Salvage: Losing the Space Shuttle Columbia and Recovering Its Pieces*. Tate Publishing

† Seedhouse, Erik, *SpaceX: Making Commercial Spaceflight a Reality*. Springer Praxis

† Shaughnessy, Mara, *LEGO Man in Space: A True Story*. Sky Pony Press [for young readers]

† Shayler, David, and Michael Shayler, *Manned Spaceflight Log II—2006–2012*. Springer Praxis

† Simberg, Rand, *Safe is Not an Option: Overcoming the Futile Obsession with Getting Everyone Back Alive That is Killing Our Expansion into Space*. Interglobal Media LLC

† Sivoilella, Davide, *To Orbit and Back Again: How the Space Shuttle Flew in Space*. Springer Praxis

† Smith, Annie Laura, *Neil Armstrong: The First Man on the Moon*. The Ardent Writer Press [for young readers]

† Solomone, Stacey, *China's Strategy in Space*. Springer

† Stachurski, Richard, *Below Tranquility Base: An Apollo 11 Memoir*. CreateSpace Independent Publishing Platform

† Stine, Megan, *Who Was Sally Ride?* Grosset & Dunlap [for young readers]

† Thomas, Don, with Mike Bartell, *Orbit of Discovery: The All-Ohio Space Shuttle Mission*. University of Akron Press

† Tyson, Neil deGrasse, with Avis Lang (Ed.), *Space Chronicles*. W. W. Norton [softcover edition of a title first published in 2012]

U-V-W-X-Y-Z

† Wiens, Roger, *Red Rover: Inside the Story of Robotic Space Exploration, From Genesis to the Mars Rover Curiosity*. Basic Books

† Wietman, Steven (Ed.), *Iran's Ballistic Missile and Space Launch Programs: Elements and Considerations*. Nova Science Publishers.

Williams, Tom, *Surrounded by Thunder: The Story of Darrell Loan and the Rocketmen*. Inspire on Purpose Publishing [this appears to be an historical “narrative” based on true events]

Winter, Frank, *Superior—Land, Sea, Air, and Space: The Superior Tube Company, Inc.* Konecky & Konecky, LLC

Woodward, James, *Making Starships and Stargates: The Science of Interstellar Transport and Absurdly Benign Wormholes*. Springer

Zak, Anatoly, *Russia in Space: The Past Explained, The Future Explored*. Apogee Prime

Zereik, Enrica (Ed.), *Space Robotics Supporting Exploration Missions: Vision, Force Control and Coordination Strategies*. Nova Science Publishers