Bibliography

"Ad Astra per Aspera," Aviation Week & Space Technology (9 February 1970): 10.

Administrator to Associate Administrator for Manned Space Flight, "Termination of the Contract for Procurement of Long Lead Time Items for Vehicles 516 and 517," 1 August 1968, Logsdon, gen. ed., *Exploring the Unknown*, Vol. I. Washington, DC: NASA SP-4407, 1995, pp. 494-95.

Aeronutronic Division, Ford Motor Company. *EMPIRE, A Study of Early Manned Interplanetary Expeditions.* Huntsville, AL: NASA CR-51709, 21 December 1962.

"Against the Tide," Aviation Week & Space Technology (17 March 1969): 15.

Aldrich, Arnold, to Distribution, "Background Material on Cooperation with NPO Energia," 29 June 1992.

Aldrin, Buzz. "The Mars Transit System," Air & Space Smithsonian, (October/November 1990): 40-47.

Alter, Dave. "Space Operations Center." NASA Johnson Space Center Press Release 82-008, 19 February 1982.

Ash, R. L., W. L. Dowler, and G. Varsi. "Feasibility of Rocket Propellant Production on Mars," *Acta Astronautica* (July-August 1978): 705-24.

Associate Administrators for HEDS Enterprise and Associate Administrator for Space Science Enterprise to Director, Jet Propulsion Laboratory and Director, Lyndon B. Johnson Space Center, "Integration of Mars Exploration Study and Planning." 7 November 1996.

Baillie, R. F., to R. W. Johnson. "Manned Planetary Exploration Action Item from the Wallops Workshop," 1 August 1978.

"Beggs Calls for Start on Space Station," Space News Roundup (25 June 1982): 1, 3-4.

Bekey, Ivan. "A Smaller Scale Manned Mars Evolutionary Program," IAF-89-494, presented at the 40th Congress of the International Astronautical Federation, Malaga, Spain, 7-12 October 1989.

"Bill of Fare," Aviation Week & Space Technology (2 February 1970): 11.

Boeing Aerospace Group, *Integrated Manned Interplanetary Spacecraft Concept Definition*, NASA CR-66558, Vol. 1, *Summary*. Seattle, Washington: Boeing, January 1968.

Brooks, Courtney, James Grimwood, and Loyd Swenson, Jr. *Chariots for Apollo, A History of Manned Lunar Spacecraft*. Washington, DC: NASA SP-4205, 1979.

Budden, Nancy Anne, and Michael B. Duke, editors. *HEDS-UP Mars Exploration Forum*, LPI Contribution 955. Houston: Lunar and Planetary Institute, 1998.

Bureau of the Budget, "National Aeronautics and Space Administration: Highlight Summary," 30 October 1968, in Logsdon, gen. ed., *Exploring the Unknown*, Vol. I, pp. 495-99.

"Bush Calls for Two Proposals for Missions to Moon, Mars," Aviation Week & Space Technology (12 March 1990): 18-19.

"Centers Reviewed," Aviation Week & Space Technology (19 January 1970): 16.

Chief, NASA Kennedy Space Center Advanced Programs Office, to Distribution, "Minutes of Joint Action Group Meeting of June 29-30, 1966," 8 July 1966.

Clark, Benton. "The Viking Results—The Case for Man on Mars," AAS 78-156, in Richard Johnston, Albert Naumann, and Clay Fulcher, editors, *The Future U.S. Space Program*. San Diego: Univelt, Inc., pp. 263-78.

Collins, Michael. Mission to Mars. New York: Grove Weidenfeld, 1990.

Committee on the Human Exploration of Space, *Human Exploration of Space: A Review of NASA's 90-Day Study and Alternatives.* Washington, DC: National Academy Press, 1990.

"Conferees Vote Space Cut," Aviation Week & Space Technology (7 August 1967): 24.

"Congressional Critics Aim to Cut NASA Budget to \$4-Billion Level," *Aviation Week & Space Technology* (12 February 1968): 22-23.

Contracting Officer to Prospective Contractors, "Planetary Surface Sample Return Probe Study for Manned Mars/Venus Reconnaissance/Retrieval Missions." Request for Proposal No. BG721-28-7-528P, 3 August 1967.

"Cost of Tet," Aviation Week & Space Technology (27 May 1968): 25.

Covault, Craig. "Exploration Initiative Work Quickens as Some Concepts Avoid Station," *Aviation Week & Space Technology* (17 September 1990): 36-37.

Covault, Craig. "Launch Capacity, EVA Concerns Force Space Station Re-Design," *Aviation Week & Space Technology* (21 July 1986): 18-20.

Covault, Craig. "Ride Panel Calls for Aggressive Action to Assert U.S. Leadership in Space," *Aviation Week & Space Technology* (24 August 1987): 26-27.

Covault, Craig. "Ride Panel Will Urge Lunar Base, Earth Science as New Space Goals," *Aviation Week & Space Technology* (13 July 1987): 16-18.

Covault, Craig. "Space Policy Outlines Program to Regain U.S. Leadership," *Aviation Week & Space Technology* (22 February 1988): 20-21.

Covault, Craig. "White House Endorses Plan for Shuttle, Station Scale-Back," *Aviation Week & Space Technology* (17 December 1990): 18-20.

Covington, Clarke. "The Role of the Space Operations Center," presentation materials, 28 May 1981.

Cravotta, Charles, and Melanie DeForth. "Soviet Plans for a Manned Flight to Mars." Office of Scientific and Weapons Research, U.S. Central Intelligence Agency, 2 April 1985.

Crocco, Gaetano A. "One-Year Exploration-Trip Earth-Mars-Venus-Earth," Rendiconti del VII Congresso Internanzionale Astronautico, Associazione Italiana Razzi, 1956, presented at the Seventh Congress of the International Astronautical Federation, Rome, Italy, 1956, pp. 227-52.

Crossley, Louise. *Explore Antarctica*. Cambridge, England: Cambridge University Press, 1995.

"Darman Backs NASA," Aviation Week & Space Technology (21 May 1990): 17.

David, Leonard. "Faster, Cheaper Mars Exploration Proposed," Space News (11-17 June 1990): 4, 37.

Day, Dwayne. "Doomed to Fail," Spaceflight (March 1995): 79-83.

Day, Dwayne. "Viewpoint: Paradigm Lost," Space Policy (August 1995): 153-59.

Dewar, James. "Atomic Energy: The Rosetta Stone of Space Flight," *Journal of the British Interplanetary Society* (May 1994): 199-206.

Dixon, Franklin. "Manned Planetary Mission Studies from 1962 to 1968," IAA-89-729, presented at the 40th Congress of the International Astronautical Federation, Malaga, Spain, 7-12 October 1989.

Dixon, Franklin. "Summary Presentation: Study of a Manned Mars Excursion Module," *Proceeding of the Symposium on Manned Planetary Missions: 1963/1964 Status*, Huntsville, AL, 1964, pp. 443-523.

Drake, Bret, editor. *Reference Mission Version 3.0, Addendum to the Human Exploration of Mars: The Reference Mission of the NASA Mars Exploration Study Team*, EX13-98-036. Houston: NASA Johnson Space Center Exploration Office, June 1998.

Duke, Michael, and Nancy Anne Budden, editors. *Mars Exploration Study Workshop II*. Houston: NASA CP-3243, November 1993.

Duke, Michael, and Paul Keaton, editors. *Manned Mars Missions, Working Group Summary Report.* Huntsville, AL, and Los Alamos, NM: NASA M001, NASA/LANL, May 1986.

Duke, Michael, and Paul Keaton, editors. *Manned Mars Missions, Working Group Papers*, Vol. 1 and Vol. 2. Huntsville, AL, and Los Alamos, NM: NASA M002, NASA/LANL, June 1986.

Duke, Michael, editor. *Mars Surface Mission Workshop*. LPI Contribution No. 934, Houston: Lunar and Planetary Institute, 1998.

Duke, Michael, editor. *Second Annual HEDS-UP Forum*, LPI Contribution 979, Houston: Lunar and Planetary Institute, 1999.

Duke, Michael, Wendell Mendell, and Barney Roberts. "Lunar Base: A Stepping Stone to Mars," AAS 84-162, Christopher McKay, editor, *The Case for Mars II*. Houston: Univelt, Inc., 1985, pp. 207-220.

Ezell, Edward. "Man on Mars: The Mission That NASA Did Not Fly," presented at the American Association for the Advancement of Science Annual Meeting, Houston, TX: 3-8 January 1979.

Ezell, Edward, and Linda Neumann Ezell. On Mars: Exploration of the Red Planet 1958-1978. NASA, 1984.

Faget, Maxime, and Paul Purser. "From Mercury to Mars," *Aeronautics & Aerospace Engineering* (February 1963): 24-28.

Farquhar, Robert, and David Dunham. "Libration-Point Staging Concepts for Earth-Mars Transportation," *Manned Mars Missions: Working Group Papers*, Vol. 1. Huntsville, AL, and Los Alamos, NM: NASA M002, NASA/LANL, June 1986, pp. 66-77.

Friedman, Louis. "Visions of 2010," The Planetary Report (March/April 1985): 4-6, 22.

Furniss, Tim. "Red Light?" Flight International (6-12 October 1993): 28-29.

Furniss, Tim. Space Shuttle Log. London: Jane's, 1986.

"Future Efforts to Stress Apollo Hardware," Aviation Week & Space Technology (16 November 1964): 48-51.

General Dynamics Astronautics. A Study of Early Manned Interplanetary Missions Final Summary Report. General Dynamics Astronautics, 31 January 1963.

Gibson, Everett, David McKay, Kathie Thomas-Keprta, Christopher Romanek. "The Case for Relic Life on Mars," *Scientific American* (December 1997): 58-65.

Glasstone, Samuel. The Book of Mars. Washington, DC: NASA SP-179, 1968.

Glushko, V., Y. Semyonov, and L. Gorshkov. "The Way to Mars," *The Planetary Report* (November December 1988): 4-8.

Gray, Edward, and Franklin Dixon. "Manned Expeditions to Mars and Venus," Eric Burgess, editor, *Voyage to the Planets.* San Diego: Univelt, Inc., 1967, pp. 107-35.

Gray, Edward, to H. K. Weidner, F. L. Williams, J. W. Carter, R. J. Harris, J. P. Claybourne, R. Hock, and R. J. Cerrato, TWX. "Follow-on Activity for Manned Planetary Program." 2 December 1966.

Gray, Edward, to H. K. Weidner, F. L. Williams, M. Faget, W. E. Stoney, J. West, J. P. Claybourne, and R. Hock, TWX. "Meeting to Establish Follow-on Activities Covering the Advanced Manned Planetary, Earth Orbital, and Lunar Exploration Programs." 17 November 1966.

Guilmartin, Patricia. "House Kills Funding for Moon/Mars Effort," *Aviation Week & Space Technology* (2 July, 1990): 28.

Hammock, David, and Bruce Jackson. "Vehicle Design for Mars Landing and Return to Mars Orbit," in George Morgenthaler, editor, *Exploration of Mars*. San Diego: Univelt, Inc., 1964, pp. 174-92.

Hansen, James. *Enchanted Rendezvous: John C. Houbolt and the Genesis of the Lunar-Orbit Rendezvous Concept.* Washington, DC: NASA Monographs in Aerospace History #4, 1995.

Hartmann, William, and Odell Raper. *The New Mars: The Discoveries of Mariner 9.* Washington, DC: NASA SP-337, 1974.

Henderson, Breck. "Livermore Plan for Exploring Moon, Mars Draws Space Council Attention," *Aviation Week & Space Technology* (22 January 1990): 84-85, 88.

Heppenheimer, T. A. *The Space Shuttle Decision: NASA's Search for a Reusable Space Vehicle.* Washington, DC: NASA SP-4221, 1999.

Hess, Mark. "NASA Proceeding Toward Space Station Development." NASA Johnson Space Center Press Release 87-50, April 3, 1987.

Hill, Arthur. "Apollo Shape Dominates NAR Manned Mars Study," Aerospace Technology (6 May 1968):. 26-27.

Himmel, S. C., J. F. Dugan, R. W. Luidens, and R. J. Weber. "A Study of Manned Nuclear-Rocket Missions to Mars," IAS Paper No. 61-49, presented at the 29th Annual Meeting of the Institute of Aerospace Sciences, 23-25 January 1961.

Hoffman, Stephen and David Kaplan, editors. *Human Exploration of Mars: The Reference Mission of the NASA Mars Exploration Study Team.* Houston: NASA SP-6017, July 1997.

Hotz, Robert. "New Era for NASA," Aviation Week & Space Technology (7 August 1967): 17.

Hotz, Robert. "The Endless Frontier," Aviation Week & Space Technology (11 August 1969): 17.

"House Unit Trims NASA Budget, Fight Pledged for Further Slashes," *Aviation Week & Space Technology* (22 May 1967): 24.

House, William. "The Development of Nuclear Rocket Propulsion in the United States," *Journal of the British Interplanetary Society*, Vol. 19, No. 8 (March-April, 1964): 306-318.

Hyde, R. A., M. Y. Ishikawa, and L. L. Wood. "Toward a Permanent Lunar Settlement in the Coming Decade: The Columbus Project," Livermore, CA: UCRL-93621, DE86 006709, Lawrence Livermore National Laboratory, 19 November 1985.

Hyde, Rod, Yuki Ishikawa, and Lowell Wood. "An American-Traditional Space Exploration Program: Quick, Inexpensive, Daring, and Tenacious, Briefing to the National Space Council." Livermore, CA: LLNL Doc. No. Phys. Brief 89-403, September 1989.

Hyde, Roderick, Muriel Ishikawa, and Lowell Wood. "Mars in this Century: The Olympia Project," UCRL-98567, DE90 008356, Lawrence Livermore National Laboratory, presented at the U. S. Space Foundation 4th National Space Symposium, Colorado Springs, Colorado, 12-15 April 1988.

Isbell, Douglas. "Congress Says OK to Moon, Mars Work," Space News (28 May-3 June 1990): 3, 20.

Isbell, Douglas. "Ex-Astronaut Stafford to Head Moon-Mars Outreach Team," Space News (4-10 June 1990): 1.

Isbell, Douglas, and Andrew Lawler. "Senators Assail Bush Plan," Space News (7-13 May 1990): 1, 27.

Isbell, Douglas, and Michael Braukus. "Space Science and Human Space Flight Enterprises Agree to Joint Robotic Mars Lander Mission." NASA Headquarters Press Release 97-51, 25 March 1997.

Jenkins, Morris. *Manned Exploration Requirements and Considerations*. Houston: NASA Manned Spacecraft Center, February 1971.

Johnsen, Katherine. "NASA Gears for \$4-Billion Fund Limit," *Aviation Week & Space Technology* (27 May 1968): 30-31.

Johnsen, Katherine. "Webb Refuses to Choose Program for Cuts," *Aviation Week & Space Technology* (31 July 1967): 20.

Joosten, Kent, Ryan Schaefer, and Stephen Hoffman. "Recent Evolution of the Mars Reference Mission," AAS-97-617, presented at the AAS/AIAA Astrodynamic Specialist Conference, Sun Valley, Idaho, 4-7 August 1997.

Keaton, Paul. *A Moon Base/Mars Base Transportation Depot.* Los Alamos, NM: LA-10552-MS, UC-34B, Los Alamos National Laboratory, September 1985.

Klass, Philip, "Commission Considers Joint Mars Exploration, Lunar Base Options," *Aviation Week & Space Technology* (29 July 1985): 47-48.

Launius, Roger. "The Waning of the Technocratic Faith: NASA and the Politics of the Space Shuttle Decision," in Philippe Jung, editor, *History of Rocketry and Astronautics*, AAS History Series, Volume 21. San Diego, CA: Univelt, Inc., 1997, pp. 179-96.

Lawler, Andrew. "Bush: To Mars by 2019," Space News (14-20 May 1990): 1, 20.

Lawler, Andrew. "Bush Moon-Mars Plan Handed First Defeat," Space News (18-24 June 1990): 3, 21.

Lewis, Richard. "On the Golden Plains of Mars," Spaceflight (October 1976): 356-364.

Lewis, Richard. "The Puzzle of Martian Soil," Spaceflight (November 1976): 391-395.

Ley, Willy, and Wernher von Braun. The Exploration of Mars. New York: Viking Press, 1956.

Lockheed Missiles & Space Company. *Manned Interplanetary Mission Study.* Sunnyvale, CA: Lockheed Missiles and Space Company, March 1963.

Logsdon, John. The Decision to Go to the Moon: Project Apollo and the National Interest. Boston: MIT Press, 1970.

Logsdon, John. "From Apollo to the Space Shuttle: U.S. Space Policy, 1969-1972," unpublished manuscript.

Logsdon, John, gen. ed., with Linda Lear, Janelle Warren-Findlay, Ray Williamson, and Dwayne Day. *Exploring the Unknown: Selected Documents in the History of the U.S. Civil Space Program, Volume 1: Organizing for Exploration*. Washington, DC: NASA SP-4407, 1995.

Mandell, Humboldt. "Space Station - The First Step," AAS 84-160, in Christopher McKay, editor, *The Case for Mars II*. San Diego: Univelt, Inc., 1985, pp. 157-70.

Mann, Paul. "Commission Sets Goals for Moon, Mars Settlement in 21st Century," *Aviation Week & Space Technology* (24 March 1986) 18-21.

Mars Exploration Study Team. "Mars Exploration Study Program: Report of the Architecture Team," presentation materials, 6 April 6, 1999.

Martin Marietta. Manned Mars System Study (MMSS) Executive Summary. Denver: Martin Marietta, July 1990.

Martin Marietta. *Manned Mars System Study (Mars Transportation and Facility Infrastructure Study), Volume II, Final Report.* Denver: Martin Marietta, July 1990.

Mayo, Robert, Director, Bureau of the Budget. "Memorandum for the President, 'Space Task Group Report," 25 September 1969, Logsdon, gen. ed., *Exploring the Unknown*, Vol. 1, pp. 544-46.

Merrifield, Robert. "A Historical Note on the Genesis of Manned Interplanetary Flight," AAS Preprint 69-501, presented at the AAS 15th Annual Meeting, 17-20 June 1969.

Meyerson, Harvey. "Spark Matsunaga 1916-1990," The Planetary Report (July/August 1990): 26.

Mueller, George, to John Naugle, October 6, 1969.

"NASA Accelerates Lunar Base Planning as Station Changes Draw European Fire," *Aviation Week & Space Technology* (18 September 1989): 26-27.

NASA. America's Next Decades in Space: A Report to the Space Task Group. Washington, DC: NASA September 1969.

NASA. Astronautics and Aeronautics 1966. NASA SP-4007.

NASA. Astronautics and Aeronautics 1968. NASA SP-4010.

NASA. Astronautics and Aeronautics 1969. NASA SP-4014.

NASA. Astronautics and Aeronautics 1970. NASA SP-4015.

NASA. Astronautics and Aeronautics 1972. NASA SP-4017.

NASA. Astronautics and Aeronautics 1986-1990. Washington, DC: NASA SP-4027.

"NASA Budget Faces House-Senate Parley," Aviation Week & Space Technology (29 September 1969): 19.

"NASA Forms Office to Study Manned Lunar Base, Mars Missions," *Aviation Week & Space Technology* (8 June 1987): 22.

"NASA Funds \$100-Million Pathfinder Program for Mars, Lunar Technology," *Aviation Week & Space Technology* (18 January 1988): 17.

NASA. "Integrated Manned Space Flight Program, 1970-1980." Washington, DC: NASA, 12 May 1969.

"NASA Managers Divided on Station," Aviation Week & Space Technology (28 July 1986) 24-25.

NASA. "NASA Facts: Space Station." Kennedy Space Center Press Release No. 16-86, January 1986.

NASA. "Outline of NASA Presentation to Space Task Group, August 4, 1969." 28 July 1969.

NASA. "Part 17: Panel Discussion," *Proceeding of the Symposium on Manned Planetary Missions: 1963/1964 Status.* Huntsville, AL: NASA, 1964, pp. 737-54.

NASA. Proceedings of the Seventh Annual Working Group on Extraterrestrial Resources. Washington, DC: NASA SP-229, 1970.

NASA. Space Station Freedom Media Handbook. Washington, DC: NASA, April 1989.

NASA. "Statement by Dr. Sally K. Ride, Associate Administrator for Exploration (Acting) before the Subcommittee on Space Science and Applications, Committee on Science, Space, and Technology, House of Representatives," 22 July 1987.

NASA. "A Report from Mariner IV," NASA Facts 3, No. 3 (1966).

NASA. *Report of the 90-Day Study on Human Exploration of the Moon and Mars.* "Cost Summary," unpublished chapter.

NASA. *Report of the 90-Day Study on Human Exploration of the Moon and Mars.* Washington, DC: NASA, November 1989.

National Commission on Space (NCOS). *Pioneering the Space Frontier: The Report of the National Commission on Space*. New York: Bantam Books, May 1986.

Nicks, Oran. Summary of Mariner 4 Results. Washington, DC: NASA SP-130.

Nixon, Richard. "Memorandum for the Vice President, the Secretary of Defense, the Acting Administrator, NASA, and the Science Advisor," 13 February 1969, Logsdon, gen. ed., *Exploring the Unknown*, Vol. 1, pp. 512-513.

Normyle, William. "Manned Mars Flights Studied for the 1970s," *Aviation Week & Space Technology* (27 March 1967): 62-63, 65, 67.

Normyle, William. "Manned Mission to Mars Opposed," Aviation Week & Space Technology (18 August 1969): 16-17.

Normyle, William. "NASA Aims at 100-man Station," Aviation Week & Space Technology (24 February 1969): 16-17.

Normyle, William. "NASA Plans Five-Year Fund Rise," Aviation Week & Space Technology (14 October 1968): 16-17.

Normyle, William. "Post-Apollo Program Potential Emerging," *Aviation Week & Space Technology* (6 March 1967): 126-131.

Normyle, William. "Priority Shift Blocks Space Plans," Aviation Week & Space Technology (11 September 1967): 26-27.

Normyle, William. "Small Hope Seen to Restore Space Funds," *Aviation Week & Space Technology* (10 July 1967): 38-39.

North American Rockwell Corporation Space Division. *Definition of Experimental Tests for a Manned Mars Excursion Module: Final Report, Volume I, Summary.* SD 67-755-1, 12 January 1968.

"Notice to NASA," Aviation Week & Space Technology (15 January 1990): 15.

Oberg, Alcestis. "The Grass Roots of the Mars Conference," AAS 81-225, Penelope Boston, editor, *The Case for Mars,* San Diego: Univelt, Inc., 1984, pp. ix-xii.

Office of Exploration. *Exploration Studies Technical Report, FY 1988 Status, Volume 1: Technical Summary.* Washington, DC: NASA TM-4075, December 1988.

Office of Exploration. "FY88 Exploration Studies Technical Presentation to the Administrator," presentation materials, 25 July 1988.

Office of the White House Press Secretary. "Remarks of the President at the 20th Anniversary of Apollo Moon Landing." 20 July 1989.

O'Lone, Richard. "Scientist Sees Space Station Useful Only if Linked to Manned Mars Mission," *Aviation Week & Space Technology* (25 January 1988): 55, 57.

"OMB Limits NASA to \$15 million for NERVA," Aviation Week & Space Technology (4 October 1971): 20.

Ordway, Frederick and Mitchell Sharpe. The Rocket Team. New York: Thomas Y. Crowell, 1979.

Paine, Thomas. "Overview: Report of the National Commission on Space," in Duke Reiber, *The NASA Mars Conference*. San Diego: Univelt, Inc., 1988, pp. 525-34.

Paine, Thomas. "Problems and Opportunities in Manned Space Flight," Logsdon, gen. ed., *Exploring the Unknown*, Vol. 1, p. 513-19.

Paine, Thomas. "A Timeline for Martian Pioneers," AAS 84-150, in Christopher McKay, editor, *The Case for Mars II*. San Diego: Univelt, Inc., 1985, pp. 3-21.

Paine, Thomas. "Who Will Lead the World's Next Age of Discovery?" *Aviation Week & Space Technology* (21 September 1987): 43-45.

Planetary JAG. Planetary Exploration Utilizing a Manned Flight System. Washington, DC: NASA, 1966.

Portree, David S. F. *NASA's Origins and the Dawn of the Space Age*. Washington, DC: NASA Monographs in Aerospace History #10, 1998.

Portree, David S. F. *Thirty Years Together: A Chronology of U.S.-Soviet Space Cooperation*. Houston: NASA CR-185707, February 1993.

Portree, David S. F. "Walk this Way," Air & Space Smithsonian (October/November 1998): 44-47.

"President Bush Sets 2019 Manned Mars Objective," Aviation Week & Space Technology (21 May 1990):19.

Presidential Papers of the President: Administration of Ronald Reagan, 1985. Washington, DC: U.S. Government Printing Office, 1985.

President's Science Advisory Committee. *The Space Program in the Post-Apollo Period*. Washington, DC: The White House, February 1967.

Ragsdale, Lyn. "Politics Not Science: The U.S. Space Program in the Reagan and Bush Years," *Spaceflight and the Myth of Presidential Leadership*, Roger Launius and Howard McCurdy, editors. Urbana: University of Illinois Press, 1997, pp. 133-71.

Rall, Charles and Walter Hollister. "Free-fall Periodic Orbits Connecting Earth and Mars," AIAA No. 71-92, presented at the American Institute of Aeronautics and Astronautics 9th Aerospace Sciences Meeting, New York, New York, January 25-27, 1971.

"Reaching Out," Aviation Week & Space Technology (4 June 1990): 15.

Ride, Sally. Leadership and America's Future in Space. Washington, DC: NASA, August 1987.

Roberts, Barney. "Concept for a Manned Mars Flyby," *Manned Mars Missions: Working Group Papers*, Vol.1. Huntsville, AL, and Los Alamos, NM: NASA M002, NASA/LANL, June 1986, pp. 203-18.

Ruppe, Harry. *Manned Planetary Reconnaissance Mission Study: Venus/Mars Flyby*. Huntsville, AL: NASA TM X-53205, 1965.

Sagan, Carl. "To Mars," Aviation Week & Space Technology (8 December 1986) 10.

Savage, Donald, and James Gately. "Mars Observer Investigation Report Released." NASA Headquarters Press Release 94-1, January 5, 1994.

Savage, Donald, James Hartsfield, and David Salisbury. "Meteorite Yields Evidence of Primitive Life on Early Mars." Washington, DC: NASA Headquarters Press Release 96-160, 7 August 1996.

Schlesinger, Jr., Arthur. The Almanac of American History. Greenwich, CT: Brompton Books, 1993.

Schmitt, Harrison. "A Millennium Project—Mars 2000," in Wendell Mendell, editor, *Lunar Bases and Space Activities of the 21st Century*. Houston: Lunar and Planetary Science Institute, 1985, pp. 787-93.

"Science Advisors Urge Balanced Program," Aviation Week & Space Technology (6 March 1967): 133, 135, 137.

Science Applications International Corporation. *Piloted Sprint Missions to Mars.* Schaumberg, IL: Report No. SAIC-87/1908, Study No. 1-120-449-M26, November 1987.

Scientific Industrial Corporation "Energia." *Mars Manned Mission: Scientific/Technical Report.* Moscow: USSR Ministry of General Machinery, 1991.

"Scientists Urge Priority for Mars Missions," Aviation Week & Space Technology (23 November 1964): 26-27.

Seamans, Robert, Secretary of the Air Force, to Spiro Agnew, Vice President, letter, August 4, 1969, Logsdon, gen. ed., *Exploring the Unknown*, Vol. 1, pp. 519-22.

SEI Synthesis Group. *America at the Threshold: America's Space Exploration Initiative.* Washington, DC: Government Printing Office, May 1991.

Semyonov, Yuri, and Leonid Gorshkov. "Destination Mars," Science in the USSR (July-August 1990): 15-18.

"Senior Soviet Space Officials Outline Plan for Joint Mars Mission," *Aviation Week & Space Technology* (19 November 1990): 67.

Shifrin, Carole. "NASA Nears Final Decisions on Station Configuration," *Aviation Week & Space Technology* (10 March 1986): 107-09.

Singer, S. Fred. "To Mars By Way of Its Moons," Scientific American (March 2000): 56-57.

Singer, S. Fred. "The PH-D Proposal: A Manned Mission to Phobos and Deimos," AAS 81-231, in Penelope Boston, editor, *The Case for Mars.* San Diego: Univelt, Inc., 1984, pp. 39-65.

Smith, J. N. Manned Mars Missions in the Unfavorable (1975-1985) Time Period: Executive Summary Report. Huntsville, AL: NASA TM X-53140, 1964.

Sohn, Robert. "A Chance for an Early Manned Mars Mission," Astronautics & Aeronautics (May 1965): 28-33.

Sohn, Robert. "Summary of Manned Mars Mission Study," *Proceeding of the Symposium on Manned Planetary Missions: 1963/1964 Status.* Huntsville, AL: NASA TM X-53049, 1964. pp. 149-219.

"Space Funds Cut Deeply by House, Senate," Aviation Week & Space Technology (3 July 1967): 28.

"Space in the 1970s," Aviation Week & Space Technology (9 February 1970): 11.

"Space Manpower," Aviation Week & Space Technology (11 August 1969): 25.

"Space Policy," Aviation Week & Space Technology (30 October 1989): 15.

Space Science and Technology Panel of the President's Science Advisory Committee. *The Next Decade in Space*. Washington, DC: Executive Office of the President, Office of Science and Technology, March 1970.

Space Sciences Department. *Manned Lunar, Asteroid and Mars Missions, Visions of Space Flight: Circa 2001.* Shaumberg, IL: Science Applications International Corporation, September 1984.

Space Task Group. *The Post-Apollo Space Program: Directions for the Future*. Washington, DC: NASA, September 1969.

"Space Wraith," Aviation Week & Space Technology (24 July 1989): 21.

Spacecraft Engineering Branch. Apollo-based Venus/Mars Flybys. Houston: NASA MSC, September 1967.

"Spaced Out," Aviation Week & Space Technology (15 September 1986): 11.

Spitzer, Cary, editor. Viking Orbiter Views of Mars. Washington, DC: NASA, 1980.

Stockton, William, and John Noble Wilford. Spaceliner. New York: Times Books, 1981.

Stone, Irving. "Manned Planetary Vehicle Study Proposed," *Aviation Week & Space Technology* (2 October 1967): 87, 90.

Stuhlinger, Ernst. "Possibilities of Electrical Space Ship Propulsion," in Friedrich Hecht, editor, *Bericht über de V Internationalen Astronautischen Kongress,* Osterreichen Gesellschaft für Weltraumforschung, 1955, pp. 100-19.

Stuhlinger, Ernst, and Joseph King. "Concept for a Manned Mars Expedition with Electrically Propelled Vehicles," *Progress in Astronautics*, Vol. 9. San Diego: Univelt, Inc., 1963, pp. 647-663.

Taylor, Hal, "LBJ Wants Post-Apollo Plans," *Missiles and Rockets* (4 May 1964): 12.

"The Mars Declaration," special supplement to *The Planetary Report*, November/December 1987.

Titus, R. R., "FLEM—Flyby-Landing Excursion Mode," AIAA Paper No. 66-36, presented at the 3rd AIAA Aerospace Sciences Meeting, New York, New York, 24-26 January 1966.

Townes, Charles, et al. "Report of the Task Force on Space," 8 January 1969, Logsdon, gen. ed., *Exploring the Unknown*, Vol. 1, pp. 499-512.

Truly, Richard and Franklin Martin. "Briefing to NASA Employees." 26 July 1989.

University of Texas and Texas A&M University Design Team. "To Mars—A Manned Mars Mission Study," Summer Project Report, NASA Universities Advanced Space Design Program, Advanced Programs Office. Houston: Johnson Space Center, August 1985.

"U.S. Astronaut to Visit Soviet Station, Cosmonaut to Fly on Shuttle," *Aviation Week & Space Technology* (22 October 1990): 24-25.

U.S. Congress. *Nuclear Rocket Development Program,* Joint Hearings before the Committee on Aeronautical and Space Sciences, United States Senate and the Joint Committee on Atomic Energy, 92nd Congress of the United States, First Session, 23-24 February 1971.

"U.S. Space Funding to Grow Moderately," Aviation Week & Space Technology (6 March 1967): 123-26.

von Braun, Wernher. "Crossing the Last Frontier," Collier's (22 March 1952). 24-31.

von Braun, Wernher. "Man on the Moon: The Journey," Collier's (18 October 1952): 52-60.

von Braun, Wernher. "Manned Mars Landing Presentation to the Space Task Group," presentation materials, 4 August 1969.

von Braun, Wernher. The Mars Project. Urbana, IL: University of Illinois Press, 1962.

von Braun, Wernher. "The Next 20 Years of Interplanetary Exploration," *Astronautics & Aeronautics* (November 1965): 24-34.

von Braun, Wernher, and Cornelius Ryan. "Can We Get to Mars?" Collier's (30 April 1954): 22-29.

"Washington Roundup," Aviation Week & Space Technology (21 July 1969): 15.

Watts, Raymond. "Manned Exploration of Mars?" Sky & Telescope (August 1963): 63-67, 84.

Weaver, David and Michael Duke. "Mars Exploration Strategies: A Reference Program and Comparison of Alternative Architectures," AIAA 93-4212, presented at the AIAA Space Program and Technologies Conference, Huntsville, Alabama, 21-23 September 1993.

"Webb Urges Full \$4-Billion NASA Fund," Aviation Week & Space Technology (1 July 1968): 22.

Welch, S. M. and C. R. Stoker, editors. *The Case for Mars: Concept Development for a Mars Research Station*. Boulder, CO: Boulder Center for Science Policy, 10 April 1986.

Whipple, Fred, and Wernher von Braun. "Man on the Moon: The Exploration," Collier's (18 October 1952): 38-48.

"White House Stand Blocks NASA Budget Restoration," Aviation Week & Space Technology (28 August 1967): 32.

Wilks, Willard and Rex Pay. "Quest for Martian Life Re-Emphasized," *Technology Week* (6 June 1966): 26-28.

Wilson, Andrew. Solar System Log. London: Jane's, 1987.

"Work on Future Saturn Launchers Halted," Aviation Week & Space Technology (12 August 1968): 30.

Zubrin, Robert, and David Baker. "Humans to Mars in 1999," Aerospace America (August 1990): 30-32, 41.

Zubrin, Robert, and David Weaver. "Practical Methods for Near-Term Piloted Mars Missions," AIAA 93-2089, presented at the AIAA/SAE/ASME/ASEE 29th Joint Propulsion Conference, Monterey, California, 28-30 June 1993.

Zubrin, Robert, with Richard Wagner. The Case for Mars. New York: Free Press, 1996.