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STS-107 (COLUMBIA) ACCIDENT SUPPORT

Approximately 15 minutes before its scheduled touchdown on 1 February 2003, the *Columbia* orbiter broke apart during its reentry and all seven crew members perished. The NASA History Office responded to this accident by quickly preparing fact sheets on the Apollo 1 accident of 1967, the STS-51L (*Challenger*) accident of 1986, and general Shuttle safety. Our office also worked closely with the NASA Headquarters Library, whose staff has done excellent work preparing a comprehensive media reports list. The History Office also coordinated with our history contacts at the Field Centers to assemble relevant support information.

All these efforts are designed to coordinate information flow for various high-level NASA and outside officials about the accident and various related topics. We are continuing to follow the accident investigation's progress and to consider other potential ways to assist, both at Headquarters and in the field.

NASA information about the Columbia accident is available from <http://www.nasa.gov/columbia/> on the Web. The Columbia Accident Investigation Board has its own site at <http://www.caib.us/> on the Web. Much historical information about the Apollo 1 accident of 1967 is available on-line at <http://history.nasa.gov/Apollo204/> on the Web, about the STS-51L (*Challenger*) accident is at <http://history.nasa.gov/sts511.html> on the Web, and general Shuttle history information is at <http://history.nasa.gov/shuttlehistory.html> on the Web.

NEW NASA HISTORY PUBLICATIONS

Looking Backward, Looking Forward: Forty Years of U.S. Human Spaceflight edited by Stephen J. Garber (NASA SP-2002-4528, 2002) is our latest publication. A product of a conference organized by the NASA History Office and the George Washington University in Washington, DC in May 2001, this collected work features chapters by seventeen leading observers of the U.S. civil space program. The conference marked the anniversaries of the first human spaceflight, the first U.S. human spaceflight, President Kennedy's famous "urgent needs" speech before Congress that kicked off Project Apollo, and the first launch of the Space Shuttle. Panels of speakers were devoted to a retrospective look at human spaceflight, the experience of spaceflight by astronauts, and a look forward towards the future of human spaceflight. Speakers included John Logsdon, Buzz Aldrin, Charles Murray, Neil de Grasse Tyson, and Bill Shepherd. This illustrated paperback book is available for purchase—\$17.00 (domestic postpaid) \$21.25 (internationally)—from the U.S. Superintendent of Documents. By Mail: U.S. Government Printing Office, Documents Warehouse, 8610 Cherry Lane, Laurel, MD 20707, Attn: Sales Stock (please put the stock number on the carton/cartons). By phone: (202)

512-1707 ext: 30273. By fax: (202) 512-1657. Order stock number 033-000-01249-7. This book may also be purchased from the NASA Information Center, Code CMI-1, NASA Headquarters, 300 E Street SW, Room 1H23, Washington, DC 20546-0001, (202) 358-0000. Order NASA SP-2002-4107. Also see this book online at <http://history.nasa.gov/sp4107.pdf> in pdf format.

The Secret of Apollo: Systems Management in American and European Space Programs by Stephen B. Johnson (Baltimore: Johns Hopkins New Series in NASA History, 2002). This book takes an innovative approach to analyzing systems management, from planners to scientists and technical specialists, all the way to the bureaucrats. Johnson examines the theory and history of systems engineering. To purchase this hardcover book for \$41.50, please go to <http://www.press.jhu.edu/press/books/titles/s02/s02jose.htm> on the Web.

The University Press of Florida is reissuing Asif Siddiqi's *Challenge to Apollo* (SP-2000-4408) in two paperback volumes with different titles. *Sputnik and the Soviet Space Challenge* and *The Soviet Space Race with Apollo* are reissues of the first comprehensive history of the Soviet human space program, from 1945-1975. These reissues include the complete text, as well as all of the images of the original book. For ordering information, please see <http://www.upf.com/Spring2003/Siddiqi1.htm> and <http://www.upf.com/Spring2003/Siddiqi2.htm> on the Web.

Celebrating a Century of Flight (NASA SP-2002-09-511-HQ). This very attractive and informative 32-page, 8 1/2 x 11", color publication was edited by Tony Springer, the NASA centennial of flight coordinator, with input from the NASA History Office and many other organizations including the U.S. Air Force and the U.S. Centennial of Flight Commission. It was designed by Melissa Kennedy. It is an excellent introduction to aerospace history since the Wright brothers' historic flight in December 1903. It is available in hard copy by sending a self-addressed stamped envelope to the NASA Information Center, Code CMI-1, NASA Headquarters, 300 E Street SW, Room 1H23, Washington, DC 20546-0001, (202) 358-0000, please order NASA SP-2002-09-511-HQ). Alternately, it can also be found on the Internet at <http://history.nasa.gov/centtimeline/index.html> in an attractive Web exhibit.

Space Policy in the 21st Century edited by W. Henry Lambright. (Baltimore: Johns Hopkins New Series in NASA History, 2002). A product of a conference held by Syracuse University in Washington, DC two years ago, this collected work features chapters by ten leading observers of the U.S. civil space program on such key topics as access to

space, Earth observing, space commerce, and astrobiology. Interested readers may get more information and purchase this hardcover book from <http://www.press.jhu.edu/press/books/titles/f02/f02lasp.htm> for \$49.95.

OTHER SPACE HISTORY PUBLICATIONS

Space Politics and Policy: An Evolutionary Perspective edited by Eligar Sadeh (Kluwer Academic Publishers, 2003) is now available. This book is the first comprehensive source for the space politics and policies of the United States civil, military, intelligence, and commercial space programs. The book is intended for those interested in space policy, especially space policy decision-makers, program and project managers, as well as students and lecturers of space policy. This collected work features chapters by sixteen leading experts of space policy on such key areas as space history, space policy-making, administration and management, space and the environment, law, economics, commerce, and cooperation. Interested readers may get more information and purchase the book for \$59.00 from <http://www.wkap.nl/prod/b/1-4020-0902-X> on the Web.

United States Air Force and the Culture of Innovation, 1945-1965 by Stephen B. Johnson (Defense Dept., Air Force History and Museums Program). In this book, Johnson describes how the Air Force worked with outside organizations, such as universities and companies, to create new technologies. For interested readers, this book can be purchased from the GPO's Online Bookstore at <http://bookstore.gpo.gov/> for \$30.00.

FORTHCOMING NASA HISTORY PUBLICATIONS

Schultz, James, *Crafting Flight: Early Aircraft Pioneers and the Story of the Contributions of the Men and Women of NASA Langley Research Center* (SP-2003-4316, 2003): This is an updated reprint of the 1980s *Winds of Change*, an illustrated Center history. This book is slated for publication near the end of April 2003.

Chambers, Joseph R. *Concept to Reality: Contributions of the Langley Research Center to the U.S. Civil Aircraft of the 1990s* (NASA SP-2002-4529, 2002). This monograph will be a companion to *Partners in Freedom: Contributions of the Langley Research Center to Military Aircraft of the 1990s* (SP-2000-4519). This monograph is slated to appear in May 2003.

Hansen, James R., General Editor. *The Wind and Beyond: Journey into the History of Aerodynamics in*

America; Volume I: The Ascent of the Airplane (NASA SP-2003-4409): This six-volume work will be a companion reference to aeronautics as included in the highly-regarded *Exploring the Unknown* series of documentary volumes on space flight. This book is expected during summer 2003.

Dawson, Virginia P., and Mark D. Bowles., *Taming Liquid Hydrogen: the Centaur Upper Stage Rocket, 1958-2002* (NASA SP-2003-4230, 2003): This project history uses the Centaur as a case study in how technological knowledge has been advanced, over the history of NASA, discuss the nature and development of technological R&D, and analyze the role of technology transfer in the aerospace arena. This particular book also features an accompanying DVD, full of interesting and relevant media on the Centaur. This book also should be published this summer.

NASA HISTORY INFORMATION ONLINE

Biomedical Results of Apollo (SP-368, 1975) is now available at <http://history.nasa.gov/SP-368/sp368.htm> on the Web. This book was edited by Richard S. Johnston, Lawrence F. Dietlein, M.D., and Charles A. Berry, M.D., and deals with many of the lessons learned from the Apollo missions about the human body. Thanks to Chris Gamble for formatting this publication for the Web.

What Made Apollo a Success? (NASA SP-287, 1971) is now online at <http://history.nasa.gov/SP-287/sp287.htm> on the NASA History Office website. This is a collection of eight articles by various authors reprinted from the March 1970 issue of *Aeronautics & Astronautics*. Special thanks to Chris Gamble for formatting this publication for the Web.

A site about a Historic Meeting at the White House on Human Spaceflight involving President Kennedy and NASA Administrator James Webb on 20 November 1962 has been created online at <http://history.nasa.gov/JFK-Webbconv/index.html> on the Internet. This meeting, with a number of other high-level participants, was prompted in part by press reports that NASA was not devoting enough attention to the Apollo lunar landing program and the possible requirement for an additional supplemental appropriation of over \$400 million to NASA's current budget. This meeting is a window into the role that human spaceflight played in international and domestic politics in the early 1960s. It also provides insights into the thinking of high-level government officials about spaceflight, their personal interactions, and the cooperation and conflict of their organizations. The meeting was tape recorded, but the recording was not released until August 2001. The tape recording is of relatively high quality when compared to other Presidential recordings from the era, but it is still rather

difficult to discern and understand the various voices. This Web site includes the full audio transcript in streaming format, the written transcript, and other supporting information. Special thanks to Dwayne A. Day, Glen Swanson, Douglas Ortiz, and Sivram Prasad for their help setting up this site.

Science in Orbit: The Shuttle & Spacelab Experience: 1981-1986 (NASA NP-119, Marshall Space Flight Center, 1988) is now available at <http://history.nasa.gov/NP-119/NP-119.htm> on the Web. Provided by the European Space Agency, the Spacelab entails both an enclosed laboratory and an exposed platform for scientific experiments in space. Thanks to volunteer Chris Gamble for scanning and formatting this informative guide to this unique facility.

Origins of NASA Names (NASA SP-4402, 1976) by Helen T. Wells, Susan H. Whiteley, and Carrie Karegeannes is now online at <http://history.nasa.gov/SP-4402/SP-4402.htm> on the NASA History Office website. This book was published over 25 years ago and has not been updated for republication (thus, much of the material is dated). For example, several NASA Field Centers have had name changes in the intervening years. Nevertheless, we hope that this on-line version provides useful reference information for researchers. It is divided into chapters on launch vehicles, satellites, space probes, human space flight, sounding rockets, and NASA facilities with some added appendices. It is a unique etymological resource. Special thanks to volunteer Chris Gamble for his help scanning and formatting this book for the Web.

NASA's Gateway to Astronaut Photography of Earth website is back up and running. This website allows you to find pictures of most of the world, as shot from space by astronauts. The images are all freely downloadable, and come in both low-res and hi-res versions. Visit them at <http://eol.jsc.nasa.gov> to view all of the astronaut photos online.

NASA EDUCATIONAL MATERIAL ONLINE

NASA's Spacelink website has a new Educator Focus article, this time dealing with the Wright brothers. This article provides educational materials and resources in support of the celebration of the 100th anniversary of the Wright brothers' historic flight on 17 December 1903. The article is a guide for educators and includes background material about the historic flight, and can be found at http://spacelink.nasa.gov/Educator.Focus/Articles/01_2_Wright_Brothers/ on the Web.

NON-NASA EMPLOYMENT OPPORTUNITIES AND FELLOWSHIPS

The University of Central Florida has a Visiting Assistant Professor, Non-Tenure-track position with a teaching emphasis, renewable up to three years. Ph.D. is preferred, salary negotiable from \$30,000. Candidates should have a demonstrated interest in local Florida history in the development of the missile/space industry and the ability to teach advanced courses in U.S. space history along with both semesters of the U.S. survey. Application review began 15 February 2003 and all applications must be postmarked by 15 March 2003. UCF is an equal opportunity, affirmative action employer and all search materials including transcripts are available for public review upon request. Send an application letter, a vita, and three letters of recommendation to Dr. Richard Crepeau, Chair of Search Committee, History Department, University of Central Florida, Orlando, FL 32816-1350. For further information contact Dr. Crepeau at crepeau@pegasus.cc.ucf.edu.

The National Air and Space Museum offers the Charles A. Lindbergh Chair in Aerospace History. Senior scholars with distinguished records of publication who are working on, or anticipate working on, books in aerospace history, are invited to write letters of interest for the academic year 2004-2005 or later. The Lindbergh Chair is a one-year appointed position; support is available for replacement of salary and benefits up to a maximum of \$100,000 a year. Please contact: for topics in aviation, Dr. Peter L. Jakab, Aeronautics Division, National Air and Space Museum, Smithsonian Institution, Washington, DC 20560-0312 or email peter.jakab@nasm.si.edu; for space history topics, Dr. Michael J. Neufeld, Space History Division, National Air and Space Museum, Smithsonian Institution, Washington, DC 20560-0311 or email mike.neufeld@nasm.si.edu.

The Center for History of Physics of the American Institute of Physics has a program of grants-in-aid for research in the history of modern physics and allied sciences (such as astronomy, geophysics, and optics) and their social interactions. Grants can be up to \$2500 each and used only to reimburse direct expenses connected with the work. Preference will be given to those who need part of the funds for travel and subsistence to use the resources of the Center's Niehls Bohr Library in College Park, Maryland (easily accessible from Washington, DC), or to microfilm papers, or to tape-record oral history interviews with a copy deposited in the Library. Applicants should either be working toward a graduate degree in the history of science (in which case they should include a letter of reference from their thesis advisor), or show a record of publication in the field. To apply, send a vitae, a letter of no more than two pages describing your research project, and a brief budget showing the

expenses for which support is requested to: Spencer Weart, Center for History of Physics, American Institute of Physics, One Physics Ellipse, College Park, MD 20740, or phone: 301-209-3174, or visit <http://www.aip.org/history/webgrnt.htm>, fax: 301-209-0882, or email sweart@aip.org.

NEW HISTORY OF ASTRONOMY GROUP

A Society for the History of Astronomy is being formed in Britain. To find out more about the society, please visit the Web site at <http://historyofastronomy.fsworld.co.uk> or contact Stuart Williams at flamsteed@v21mail.co.uk.

CENTENNIAL OF FLIGHT ACTIVITIES

In conjunction with NASA's Glenn Research Center, the NASA History Office is planning a one-day public conference entitled "Realizing the Dream of Flight" in Cleveland, Ohio on 5 November 2003. This conference will feature approximately 12 presentations by leading historians on key American aviation and space pioneers of the last century such as Wernher von Braun, Charles Lindbergh, Robert Gilruth, Donald Douglas, and Bessie Coleman. Stay tuned for further details.

The U.S. Centennial of Flight Commission is pleased to announce that the Fayetteville Festival of Flight 2003, the Federal Aviation Administration (FAA), the Rockefeller Center in New York City, the Space Day Foundation, and the Aviation Foundation of America, Inc., sponsor of the National Air Tours, have joined the *Centennial of Flight: Born of Dreams – Inspired by Freedom* commemoration as Centennial Partners.

The AIAA 1903 Wright Flyer Centennial Tour and Exposition began September 26, 2002, at the FAA Flight Deck Museum in Lawndale, CA, and will end December 2, 2003. Additionally, the AIAA Wright Flyer team will attempt to actually fly a second replica of the 1903 Wright Flyer in 2003.

The Discovery of Flight Foundation announced a major gift from Northrop Grumman Corporation for pilot training as preparations continue for the Experimental Aircraft Association's Countdown to Kitty Hawk Celebration on December 17, 2003. On that date, a pilot for The Wright Experience, which is under contract by the Foundation, will attempt to recreate Orville Wright's inaugural 120-foot flight in a precise reproduction of the original plane, 100 years later at the precise location of the original flight on the dunes of the Outer Banks in North Carolina. Northrop Grumman sponsorship covers actual pilot flight training in a reproduction of a 1902 Wright Brothers glider, a flight simulator of the 1902 glider, and a

simulator of the 1903 Flyer. It also makes the four Wright Experience pilots undergoing the training for the historic occasion available for educational appearances.

Pushing the Limits: Aviation Flight Research as Seen Through the NASA Art Program is an exhibit that describes the history of flight-research at NACA and NASA through the paintings in the NASA Art Program. The works feature pilots and their aircraft that routinely pushed the limits, expanding the boundaries of flight. Many of the top artists have contributed their works to NASA's Aeronautical collection. These include Bob McCall, William S. Phillips, Stan H. Stokes, Mike Machat, and Ren Wicks. The exhibit is currently at the Museum of Flight in Seattle, WA, and will travel to various locations. Contact Tony Springer at aspringe@hq.nasa.gov for more information.

The American Institute of Aeronautics and Astronautics (AIAA) Replica 1903 Wright Flyer has started its nationwide tour as part of the AIAA's Evolution of Flight campaign. The AIAA 1903 Wright Flyer is a highly authentic, full-size replica of the Wright brothers' groundbreaking plane, which on 17 December 1903 first proved the viability of sustained, powered flight. The AIAA version, built over a period of 20 years by a volunteer team of aviation professionals using drawings from the Smithsonian's National Air and Space Museum, is the only Wright Flyer replica to be successfully tested in a wind tunnel. On its tour, the AIAA plane will reach an estimated two million people. Scheduled tour stops are Nellis Air Force Base, NV (5-6 October); World Space Congress, TX (14-19 October); New England Air Museum, CT (26 October-February 2003); Kennedy Space Center, FL (1 March-May 2003); North Carolina Festival of Flight, NC (16-26 May 2003); Van Nuys Airport Aviation Expo, CA (21-22 June 2003); Long Beach Airport, CA (29 July - October 2003); Edwards Air Force Base, CA (October 2003); and Legoland, CA (October-2 December 2003).

For a growing list of Centennial of Flight events taking place nationwide, as well as a more detailed description of the celebration, a comprehensive calendar and educational materials visit www.centennialofflight.gov on the Web.

Aviation Week's Top 100 Stars of Aerospace program is a first-ever initiative to identify the most important, most interesting and most influential people in the global aerospace community—past and present—to commemorate the 100th anniversary of the first manned, powered, controlled and sustained flight of a heavier-than-air craft by the Wright brothers on December 17, 1903. The Top 100 program, part of Aviation Week's The Next Century of Flight (NCF)

education and outreach initiative, is being produced in partnership with the International Council of the Aeronautical Sciences (ICAS) and its U.S. affiliate, American Institute of Aeronautics and Astronautics (AIAA). To participate, visit <http://www.aviationnow.com/Top100/> to vote for your choices for the Top 100.

NEWS FROM THE CENTERS

The Dryden Flight Research Center History Office is pleased to announce the publication of the second edition of Richard P. Hallion's classic *On the Frontier: Flight Research at NASA Dryden, 1946-1981*. Renamed *On the Frontier: Experimental Flight at NASA Dryden, 1946-2000*, it is expected in April 2003 by Smithsonian Institution Press. This edition, coauthored by Michael Gorn, is updated and substantially expanded and represents the first NASA center history to be published by a university press.

Johnson Space Center's History Office is also completing work on a monograph by one of their recent Summer Faculty Fellowship Historians - *A History of the Solar Environmental Simulation (SESL) Facility* by Lori Walters. They expect printing to begin late in February. Work is continuing on another monograph by Susan Mangas concerning the interdisciplinary planning associated with design and operational requirements of the Lunar Receiving Laboratory. This monograph is expected to be completed by late Spring and published in summer 2003.

CALLS FOR PAPERS

The Society for the History of Technology solicits single paper and panel proposals for its upcoming meeting in Atlanta, GA between 16-19 October 2003. Papers and panels on all aspects of the history of technology are welcome, and international scholars are encouraged to submit. Papers or panels devoted to the following themes are also particularly encouraged: race and technology, regionalism and technology, technology and the city, suburbanization and sprawl, industrialization and the New South, technology and globalism, colonialization, and transnationalism. Single paper proposals should include a title, an abstract of 250 words, and a one-page c.v. Paper and panel proposals are due 23 March 2003 and should be submitted to Jennifer Alexander, SHOT Program Chair, c/o Alyssa Burger, Executive Assistant, Department of Mechanical Engineering, University of Minnesota, Minneapolis, MN 55455 or by email at shot2003@me.umn.edu.

The European Social Science History Conference is soliciting papers from any topic discussing the intersection of technological, social, and cultural change. Individual paper proposals of 250-500 words and/or proposals for complete sessions (abstracts for 3 papers, plus names of chair and commentator) should be submitted with the ESSHC preregistration before 1 April 2003. We would also welcome proposals for non-traditional sessions (to fit within the standard 2-hour slot) including poster presentations, author-meets-critics sessions, or discussion-oriented roundtables. For further information, please see <http://www.iit.edu/~misa/esshc/> on the Web.

The League of World War I Aviation Historians is sponsoring a student paper competition which is open to undergraduate and graduate students enrolled at accredited institutions during the 2002-2003 academic year. Monetary prizes will be awarded for the best original paper on any aspect of aviation during the 1914-1918 war period. The first prize winner will be awarded \$250 and five Honorable Mention awardees will receive \$100 each. Papers should be at least 10 typed pages in length and must be submitted double-spaced in manuscript form on white 20# paper, 8.5"x11" in size. Each submittal is to include a reference to the academic institution in which the author is enrolled. Entries must be received by 31 May 2003 and addressed to Mr. Noel Shirley, 727 Swanswood Court, San Jose, CA 95120. Please feel free to contact Mr. Shirley at ShirleyNC@aol.com with any questions.

Quest: The History of Spaceflight Quarterly seeks space history articles on any facet of space history. *Quest* currently features space history articles related to technology, international programs, human flight, robotic exploration, military programs, space museums and archives, space business, oral histories and interviews, culture and media relations, and space history book reviews. For information, contact *Quest's* Editor, Dr. Stephen Johnson, at 719-487-9833, sjohnson@space.edu, or visit *Quest's* at <http://www.spacebusiness.com/quest> on the Web.

The *Canadian Journal of Space Exploration* publishes papers of an innovative yet practical nature relating to the exploration and development of space. It invites submissions in the following fields of study: astro/exobiology, small bodies, atmospheric research, life support systems, analog studies, planetary geology, astronomy and astrophysics, space law and policy, public outreach and education, and Canadian space history. Inquiries or completed submissions should be sent to: Chandra Clarke, Canadian Journal of Space Exploration, 4 Sherman St., Thamesville, Ontario, N0P 2K0 Canada, e-mail Chandra@scribendi.com, or fax 801-469-6206.

UPCOMING MEETINGS

The Society for History in the Federal Government will hold its annual meeting at the Robert C. Byrd Center for Legislative Studies on the campus of Shepherd College in Shepherdstown, West Virginia from 14-15 March 2003. The theme for this conference is "Federal Records and the Cause of History." For more information, please see <http://www.shfg.org/3shep.html> on the Web or contact Dr. Roger Launius, Division of Space History, Smithsonian Institution, P.O. Box 37012, NASM Room 3560, MRC 311, Washington, DC 20013-7102, email launiusr@nasm.si.edu.

The 14th Annual Women in Aviation International Conference will be held in the Albert B. Sabin Convention Center in Cincinnati, OH, from 20 March to 22 March 2003. For information, contact WAI Headquarters Office, 101 Corsair Drive, Suite 101, Daytona Beach, Florida 32114 visit their website at <http://www.wiai.org>, or email gschultz@wiai.org.

The American Astronautical Society will host its 41st Annual Goddard Memorial Symposium at the Greenbelt Marriott Hotel in Greenbelt, MD from 25-26 March 2003. For information, contact: American Astronautical Society, 6352 Rolling Mill Place, Suite #102, Springfield, VA, 22152-2354, or email info@astronautical.org.

The 2003 Hagley Fellows Conference will be held at the University of Delaware 28-29 March. The theme is "Reinventing the Factory." For information, contact: Gabriella M. Petrick, Department of History, 236 Munroe Hall, University of Delaware, Newark, DE 19716, or email gpetrick@udel.edu.

The Graduate Students of Virginia Tech's Center for Science and Technology Studies are hosting a workshop 28-29 March 2003, tentatively entitled "Technologies/Moralities: The Ethical Grammar of Technological Systems." The theme revolves around the intersections (or dual tracks) of morality and technology, and what people can do about them. For information write to: Technologies/Moralities Workshop, c/o Benjamin Cohen 131 Lane Hall (0227), Virginia Tech, Blacksburg, VA 24061 or visit <http://www.cis.vt.edu/sts/NEmain.htm> or contact via e-mail at sts_grad2003@vt.edu.

Wright State University, the University of Dayton, Sinclair Community College and Central State University will jointly host a symposium entitled "Aviation and the Human Experience" at various campus locations in Dayton, OH, from 3-5 April 2003. For more information, please contact Wright State University, 3640 Colonel Glenn Highway, Dayton OH

45435-0001, or call 937-775-2723, or email sharon.lewis@wright.edu.

The 28th Annual AAAS Colloquium on Science and Technology Policy will take place 10-11 April 2003, at the Washington Plaza Hotel (10 Thomas Circle, 14th and M, NW), Washington, DC. This seminar examines science and technology policy apparatus and the challenges it faces in the 21st century, providing Federal managers with an enhanced ability to understand, anticipate, and respond to those challenges in their agencies. Selected issues of national and international importance are used as vehicles to address policy development and implementation of science and technology policies. Please visit their website at <http://www.aaas.org/spp/rd/colloqu.htm> on the Internet for more information.

The Annual Meeting of the National Council on Public History will be held 23-27 April 2003, in Houston, Texas. The theme for this year is, "Beyond Boundaries: Diversity, Identity, and Public History." For further information, please see <http://ncph.org/2003%20Annual%20Mtg.htm> or you can email ncph@iupui.edu.

The Center for Science, Technology and Society of Santa Clara University (<http://sts.scu.edu/>) is pleased to announce Networked World: Information Technology and Globalization. This conference is unique in format and spirit, and will be held on 24-25 April 2003. It is designed to foster the exchange of cutting-edge research and practice on the theme of globalization, while also building intellectual community in a workshop setting. It is one of three major conferences that will be held as part of a yearlong Institute on Globalization at Santa Clara University. For additional information, please visit <http://sts.scu.edu/globalization/default.htm> on the Web.

The Society of Military History will hold its 70th Annual Meeting at the University of Tennessee, Knoxville, 1-4 May 2003. The conference theme is "The Military and Society During Domestic Crisis." See <http://web.utk.edu/~csws> or e-mail gpiehler@utk.edu for more information.

The Canadian Aviation Historical Society will hold its annual meeting at St. Mary's University in Halifax, Nova Scotia between 5-8 June 2003. The gathering this year is being held in conjunction with the Canadian Aviation Hall of Fame commemoration of the 100th Year of Powered Flight. For information, please see <http://www.cahs.com> or email george.topplesympatico.ca.

The American Institute of Aeronautics and Astronautics will co-host an International Air and Space Symposium and Exposition in Dayton, OH, from 14-17 July 2003. The event is entitled "The Next

100 Years." For information, please visit <http://www.aiaa.org> or contact AIAA, 1801 Alexander Bell Drive, Suite 500, Reston, Virginia 20191-4344.

The Society for the History of Technology Annual Meeting will be held 16-19 October 2003 at the Sheraton Hotel, Atlanta, Georgia. This will be a joint meeting with the Society for the Social Studies of Science. For more information, see <http://shot.press.jhu.edu/annual.htm> or email shot@jhu.edu.

The NASA History Office, Office of External Relations, Code IQ, NASA Headquarters, Washington, DC 20546 publishes NASA History News and Notes quarterly.

To receive NASA History: News and Notes via e-mail, send a message to domo@hq.nasa.gov. Leave the subject line blank. In the text portion simply type "subscribe history" without the quotation marks. You will receive confirmation that your account has been added to the list for the newsletter and to receive other announcements. We also post the latest issue of this newsletter on the World Wide Web at <http://history.nasa.gov/nltrc.html>.

More questions about NASA History in general? Please check out our NASA History Office Home Page at <http://history.nasa.gov> on the Web. The general public is also invited to come to our office to do research. For further information, please contact our office at 202-358-0384, fax 202-358-2866. Send e-mail to Steve Garber at steve.garber@hq.nasa.gov. We also welcome comments about the content and format of this newsletter.