



NASA HISTORY

NEWS & notes

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IN THIS ISSUE

- ["Realizing the Dream of Flight" Conference](#)
- [New NASA History Publications](#)
- [Forthcoming NASA History Publications](#)
- [Other Aerospace History Publications](#)
- [NASA History Information Online](#)
- [Non-NASA History Information Online](#)
- [Centennial of Flight Activities](#)
- [History News from the Centers](#)
- [NASA Archival News](#)
- [Non-NASA Archival News](#)
- [Non-NASA Employment Opportunities and Fellowships](#)
- [New History of Astronomy Group](#)
- [Call for Nominations](#)
- [Calls for Papers](#)
- [Upcoming Meetings](#)

"REALIZING THE DREAM OF FLIGHT"

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". It will take place in the Auditorium of the Great Lakes Science Center, 601 Erieside Ave. Cleveland, Ohio 44114 on 5 November 2003.

The conference is a centennial of flight event cosponsored by the national Centennial of Flight Commission; the Great Lakes Science Center; History Associates of Case Western Reserve University; Department of History Cleveland State University; The Western Reserve Historical Society, a Smithsonian affiliate; International Women's Air and Space Museum; and the Tuskegee Airmen's Association.

The three panels for the conference will feature approximately 12 presentations by leading historians including Tom Crouch, Roger Launius, William Leary, and Roger Bilstein on key American aviation and space pioneers of the last century such as Wernher von Braun, Amelia Earhart, Robert Gilruth, Donald Douglas, and Bessie Coleman.

The conference is free, but space is limited so early registration is strongly encouraged. To register, email mdb@historyenterprises.com or contact Mark Bowles at (216) 421-9622. We will have more information about this and links for registration online very soon.

NEW NASA HISTORY PUBLICATIONS

Testing Aircraft, Exploring Space: An Illustrated History of NACA and NASA by Roger Bilstein is the latest volume in the Johns Hopkins New Series in NASA History. It is an updating of his classic basic NASA history text, *Orders of Magnitude* (SP-4406, 1989). It is available for purchase at <http://www.press.jhu.edu/press/books/titles/s03/s03bite.htm> on the Web.

Voyager's Grand Tour: To the Outer Planets and Beyond by Henry C. Dethloff and Ronald A. Schorn is available from the Smithsonian Institution Press. Every 176 years, Earth and the outer planets gather on one side of the sun, allowing close observation in a single flight, or Grand Tour. To exploit this alignment, the Voyager team developed these so-called gravity assist that essentially sling-shot Voyager I and II from planet to planet. Since their 1977 launch, the probes have

discovered strange new worlds and transmitted streams of revolutionary data and eye-popping images that have exploded long-held theories and raised new questions about our solar system. In this book, readers are invited into Voyager's inner circle, conceiving, launching, and directing the craft as it discovers rings around Jupiter, geysers on Triton, and intriguing possibilities of extraterrestrial life. It is available for purchase from http://www.sipress.si.edu/books/titles_books/1-58834-124-0.html on the Web.

On the Frontier: Experimental Flight at NASA Dryden by Richard P. Hallion and Michael H. Gorn is also now available from the Smithsonian Press. Aviation enthusiasts will savor the most detailed account available of record-setting aircraft like the X-1 and X-15, as well as all the cutting edge NASA and Defense Department programs that perfected the aeronautical concepts and technology used in U.S. military, space, and commercial craft. This is a significantly revised and updated version of a classic work and includes three new chapters, dozens of rare photographs, and a completely updated text. It is available for purchase from http://www.sipress.si.edu/books/titles_books/1-58834-134-8.html on the Web.

Memoirs of an Aeronautical Engineer: Flight Tests at Ames Research Center: 1940-1970 by Seth B. Anderson (NASA SP-2002-4526). This monograph in the NASA History Series features extensive insights into most of the major programs carried out at Ames Research Center during a thirty-year span. Over half of the monograph is devoted to an excellent pictorial history of the different aircraft that Mr. Anderson worked on. To order please send a self-addressed stamped 9x12 envelope (\$3.95 domestic, typically \$5.05 Canadian, \$11.00 international) to NASA Headquarters Information Center, Code CI-4, 300 E St., SW, Washington, DC 20546.

FORTHCOMING NASA HISTORY PUBLICATIONS

Thinking About NASA History folder. This folder will contain materials aimed at familiarizing scientists and engineers with the thought processes of historians, as well as how NASA History materials are produced. The materials should also be useful to historians who are not familiar with aerospace history or the history of science and technology. The folder is slated to appear in late June 2003 and will also be converted to a Web site.

Concept to Reality: Contributions of the Langley Research Center to the U.S. Civil Aircraft of the 1990s (NASA SP-2002-4529, 2002) by Joseph R. Chambers. 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 early summer 2003.

The Spoken Word: Recollections of Dryden History, The Early Years, edited by Curtis Peebles. This will be Number 30 in the Monographs in Aerospace History series. The monograph consists of selected oral reminiscences about the beginnings of NACA flight research, and is the first in a series of published oral recollections about Dryden Flight Research Center and its predecessor organizations.

American X-Vehicles: An Inventory – X-1 to X-50 (SP-2003-4531) by Dennis R. Jenkins, Tony Landis, and Jay Miller. This short but illustrated and very informative monograph about experimental aircraft is slated to appear in early summer 2003.

Wilber and Orville Wright: A Chronology Commemorating the Hundredth Anniversary of the Birth of Orville Wright, August 19, 1871 (NASA SP-2003-4532, 2003) compiled by Arthur G. Renstrom. This is a reprint of the 1975 edition of the chronology, which includes a flight log and a diary of significant events and accomplishments involving the Wright Brothers. It is slated to appear in August 2003.

The Wind and Beyond: Journey into the History of Aerodynamics in America; Volume I: The Ascent of the Airplane (NASA SP-2003-4409) edited by James R. Hansen. This is one volume of a projected six-volume historical reference work that will be an aeronautics companion to the highly regarded *Exploring the Unknown* series of documentary volumes on space flight. This first volume is expected during summer 2003.

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) by James Schultz. 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 August 2003.

Taming Liquid Hydrogen: the Centaur Upper Stage Rocket, 1958-2002 (NASA SP-2003-4230, 2003) by Virginia P. Dawson and Mark D. Bowles. This project history uses the Centaur as a case study in how technological knowledge has been advanced over the history of NASA, discusses the nature and development of technological R&D, and analyze the role of technology transfer in the aerospace arena. This particular book will also feature an accompanying CD, full of interesting movies and other audio-visual materials on the Centaur. The Centaur is liquid hydrogen and oxygen fueled upper stage rocket that maintains shape through pressurization. This book should also be published this summer.

NASA's Nuclear Frontier: the Plum Brook Research Reactor (NASA SP-2003-4532) by Mark Bowles. This will be a short, heavily illustrated monograph about this unique Glenn Research Center facility. Dr. Bowles is conducting research to write a book-length history of this subject as well. The monograph is scheduled to appear in September 2003.

Single Stage to Orbit: Politics, Space Technology, and the Quest for Reusable Rocketry by Andrew J. Butrica. This book details the evolution of the single stage to orbit concept. It is part of the John Hopkins University New Series in NASA History and will be published in November 2003.

OTHER AEROSPACE HISTORY PUBLICATIONS

Space Stations: Base Camps to the Stars by Roger D. Launius. This book details the history of space station concepts as well as station's place as a cultural icon. It includes pictures of some of the most interesting earlier conceptual drawings for space stations, as well as pictures of Skylab and the International Space Station. The book may be purchased online at http://www.sipress.si.edu/books/titles_books/1-58834-120-8.html for \$39.95.

Flight: A Celebration of 100 Years in Art and Literature, edited by Tony Springer and Anne Collins Goodyear has been published by Welcome Enterprises. This beautiful coffee table book contains pictures of spectacular artwork created over the years in celebration of flight. It is available for \$39.99 from Welcome Enterprises.

Virtual Apollo by Scott Sullivan published by CG Publishing is now available. This book contains full color drawings as well as details of construction of the various systems for the Apollo spacecraft. This book may be purchased from CG Publishing at <http://www.cgpublishing.com> for \$19.95.

Splendid Vision, Unswerving Purpose: Developing Air Power For The United States Air Force During The First Century Of Powered Flight sponsored by Lt Col James Shepherd. This book serves as an encyclopedia for Air Force acquisition. Interested readers may visit <http://www.ascho.wpafb.af.mil/> to view the table of contents and the first chapter. The book may be purchased from the GPO's Online Bookstore at <http://bookstore.gpo.gov/> for \$69.00.

NASA HISTORY INFORMATION ONLINE

Since its creation in 1959, the NASA History Office has documented and preserved the agency's incredible history through a variety of products. Former NASA Chief Historian Dr. Roger Launius wrote an excellent article for *The Public Historian* journal chronicling the history of the NASA History Office itself. The article is now available in pdf format at <http://history.nasa.gov/launiuspharticle.pdf> on the Web.

Flight Research at Ames, 1940-1997 (NASA SP-3300, 1998) by Paul F. Borchers, James A. Franklin, and Jay W. Fletcher is online at <http://history.nasa.gov/SP-3300/sp3300.htm> on the Web. A richly illustrated, monograph-length publication, this is a very informative work on aeronautics research in general. Thanks to Chris Gamble for formatting this resource for the Web.

The Planetary Quarantine Program: Origins and Achievements, 1956-1973 (NASA SP-4902, 1974) by

Charles R. Phillips is online at <http://history.nasa.gov/SP-4902/sp4902.htm> on the Web. A thin, but significant, volume on a topic of considerable interest over the years. Thanks to Chris Gamble for formatting this resource for the Web.

Engineer in Charge: A History of the Langley Aeronautical Laboratory, 1917-1958. (NASA SP-4305, 1987) by James R. Hansen is online at <http://history.nasa.gov/SP-4305/sp4305.htm> on the Web. A well-written, informative Center history of NASA Langley's aeronautical research roots. Thanks to Chris Gamble for formatting this resource for the Web.

Spaceflight Revolution: NASA Langley Research Center From Sputnik to Apollo (SP-4308, 1995) by James R. Hansen is online at <http://history.nasa.gov/SP-4308/sp4308.htm> on the Web. This volume picks up where *Engineer in Charge* left off by addressing NASA's forays into spaceflight research. Thanks to Chris Gamble for formatting this resource for the Web.

Exploring the Unknown: Selected Documents in the History of the U.S. Civil Space Program, Volume III: Using Space (NASA SP-4407) is now available at <http://history.nasa.gov/SP-4407/vol3/cover.pdf> on the Web. This is the third volume in an ongoing series of reference books that are useful for those interested in both space history and space policy. It consists of four chapters of documents with introductory essays. Other volumes of the series are available at <http://history.nasa.gov/SP-4407/sp4407.htm> on the Web. Thanks to Doug Ortiz for setting up these pdf files.

The Aeronautics and Space Report of the President, Fiscal year 2001 Activities is available at <http://history.nasa.gov/presrep01/home.html> or in a single pdf file at <http://history.nasa.gov/presrep01/2001report.pdf> on the Web. Prior presidential reports are also available at <http://history.nasa.gov/presrep.htm> on the Web.

Exploring Space with a Camera (SP-168, 1968) by Edgar M. Cortright is now available at <http://history.nasa.gov/SP-168/sp168.htm> on the Web.

Aerospace Food Technology (NASA SP-202, 1969) is now available at <http://history.nasa.gov/SP-202/sp202.htm> on the Web. This report is the result of a conference held in 1969 on the subject of food in the aerospace industry. Presentations included are on the different types of food given to astronauts, airline passengers, and naval aquanauts, to name a few. Thanks go to Chris Gamble for formatting this publication for the Web.

The Goddard Space Flight Center provides online access for a variety of topics regarding satellites and satellite missions. Interested people may access the site at http://library.gsfc.nasa.gov/SubjectGuides/GSFC_History.htm on the Web.

NON-NASA HISTORY INFORMATION ONLINE

The History of Science Society maintains a guide to science history online at <http://www.hssonline.org/guide> on the Web. This guide enables users to access information about publications, institutions, individuals, and organizations interested in the field of science.

The Historical Astronomy Division of the American Astronomical Society examines science history and its implications. The organization publishes a newsletter online at <http://www.aas.org/had/hadnews.html> on the Web.

The American Institute of Physics maintains an online database of collections called the International Catalog of Sources for the History of Physics and Allied Sciences. Interested parties may access the catalog by visiting <http://www.aip.org/history/icos> on the Web. Individuals wishing to access documents within the collections should contact the repository.

Nixon Administration science files, chronicling significant events in earth science, exploration, engineering, and other science fields are stored at the National Archives and Records Administration II facility in College Park, Maryland. Individuals interested in these files should visit http://www.archives.gov/nixon/about_nixon/historical_materials.html on the Web.

CENTENNIAL OF FLIGHT CELEBRATION

The Centennial of Flight celebration is truly underway. Several major centennial events have occurred, such as the Fayetteville Festival of Flight, the AIA Rocketry Challenge, and Space Day.

Fayetteville's Festival of Flight was an 11-day aviation celebration with three days of air shows, a weekend arts festival, aviation-themed drama and film screenings, and seven days of exhibits from NASA, the military and others representing the past, present and future of flight. Opening ceremonies began on the evening of 16 May 2003, and the festival culminated in a Memorial Day celebration and parade on 26 May 2003.

The Rocketry Challenge, sponsored by the Aerospace Industries Association and the National Association of Rocketry, was created to celebrate the 100th anniversary of flight, and to encourage interest in aerospace design and engineering among high school students. Students had to build a rocket that could fly to an altitude of 1,500 feet, release a payload of two raw eggs, and parachute the eggs back to the ground unbroken.

During the Space Day Opening Ceremony at the Smithsonian's National Air and Space Museum, Senator John Glenn, co-chair of Space Day, recognized seventeen teams from across the country for their ingenuity in creating an aircraft of the future. The Space Day initiative, which is supported by the non-profit Space Day Foundation, is dedicated to the advancement of science, technology, engineering and math by inspiring young people to realize the vision of our space pioneers. Canadian Prime Minister Jean Chretien proclaimed 1

May as Space Day in his country, with special activities planned in provinces throughout Canada.

Each of the NASA centers is holding numerous activities over the coming month in celebration of the centennial. Please checkout their individual web pages or the commission web page for local activities.

Inventing Flight will take place 3 – 20 July 2003 in Dayton, Ohio. They are expecting 600,000 visitors over the 17-day event and three million visitors throughout the year, twice the normal number. The short-term economic benefit is estimated to be more than \$112 million. The specific daily program content of the event is available on the Inventing Flight site at <http://www.inventingflight.com> on the Web.

Dryden Flight Research Center has commissioned Dr. Robert McCall to paint a large mural for the center on the century of flight from the first flights to present day. This mural is being produced in a poster format for distribution and will be released in late July 2003 when it becomes available.

Two art exhibits will also be touring the country this year. *Pushing the Limits: Aviation Flight Research as seen through the NASA Art Program* will be at Art museums and historical societies throughout the country this year. *Aerospace Design*, produced in corporation with the Art Institute of Chicago, will premier at the Art Institute of Chicago on 2 August 2003, and travel the country over the next three years. A low security version of *Aerospace Design* is touring the country at airports over the next few years. Until September the exhibit will be at the O'Hare International Airport.

The National Air Tour, celebrating the Golden Age of Aviation, will consist of approximately 33 rare and vintage aircraft following a 4,000-mile route and visiting 26 cities. On 20 September 2003, the National Air Tour will be at the First Flight Airstrip with the planes in a circle around the base of the Wright Brothers National Memorial. On 21 September 2003, the National Air Tour will be in Richmond and then Dulles International Airport. The tour will stop at Dayton as well. These stops will be a once in a lifetime opportunity to see this collection of historic aircraft. More information is available at <http://www.nationalairtour.org/> on the Web.

NASA has developed a new traveling exhibit, which will be visiting many of the major centennial of flight events. This 100 x 100 foot exhibit highlight the history and current activities from its early beginning in 1915 as NACA to the ongoing exploration of the Earth, the air, the universe and the human body. The exhibit will be at: "Inventing Flight" in Dayton, OH; "Air Venture" in Oshkosh, WI; Los Angeles Country Fair in LA, CA; Shore Fest in San Diego, CA; and at the Wright Brothers National Memorial in Kill Devil Hills, NC on 12-17 December 2003.

The U.S. Air Force's Centennial of Flight Office has conducted many centennial of flight activities and has many planned for later this year. These include the

Tournament of Roses parade; numerous fly-overs; senior A.F. attendance at events; Tattoo in San Antonio, Texas; Air Power; an 18,000 square foot exhibit; the Coca Cola 600 Air Force NASCAR racing car; art exhibits and many other activities. Details are available on the Air Force site at <http://www.centennialofflight.af.mil/> on the Web.

There has been an increased amount of international interest in the Centennial celebration. To date, the Commission has been contacted and/or is working with individuals and organizations in the following countries: Canada, Britain, Australia, Korea, Argentina, Norway, China, Italy, Israel, Ireland, the Netherlands, Belgium, Japan, Spain, New Zealand, Germany, Brazil, France, South Africa, India, Indonesia, Russia, Puerto Rico, Slovenia and Costa Rica, among others. The Commission is in the process of finalizing a Memorandum of Agreement (MOA) with Yugoslavia. The Commission has an MOA with The Royal Aeronautical Society in Britain and the Crown Agents Stamp Bureau.

HISTORY NEWS FROM THE CENTERS

The Johnson Space Center's History Office staff has been interviewing participants involved in the Columbia recovery activities in Central and East Texas. Interviewees included NASA personnel; state, local, and federal officials, and other individuals providing assistance. The office has collected nearly 100 interviews that will be transcribed and organized.

Also at Johnson Space Center, extensive work continues on organizing numerous data bases, records, notes, imagery, and other information connected with the loss of Columbia and the crew. Most of it involves recovery operations and has potential value for the existing investigations. All of it is being organized and formatted for incorporation into the Columbia repository for future programmatic access and eventually for historical purposes.

NASA ARCHIVAL NEWS

The NASA Headquarters History Office is continuing to process its White House Collection and Propulsion files. The White House Collection, 1958-present, includes NASA reports to the White House, information on the National Space Council, President's Science Advisory Committee, and Office of Science and Technology Policy, material on each Presidential Administration, and Administration transition files. The Propulsion files, ca. 1952 to present, include information on liquid, solid, nuclear, and other forms of propulsion. Processing work has been completed and an inventory prepared for the files describing the activities of the Task Force on Scientific Uses of the Space Station, ca. 1982-87.

The History Office recently received and added to its holdings 4 cubic feet of information and briefing books on the Space Agency Forum on International Space Year, SEI (Space Exploration Initiative) International Cooperation, and UN/COPUOS (United

Nations/Committee on Peaceful Uses of Outer Space); 4 cubic feet of subject files on Spacehab and Shuttle, ca. 1975-94; 10 cubic feet of aeronautical materials, training documents, and related items from Emory Riddle University in Florida; a dozen video tapes on Shuttle press activities at KSC; 11 video tapes on Columbia Accident Investigation Board activities.

Scanning activity will resume soon with work beginning on the Administrator's Chron Files, 1962-99. There appear to be some gaps in the sequence, but we will scan what we have and make them available for use electronically in the History Office Online Catalog. This system (database) may be accessed in house with a staff-supplied user ID and password.

NON-NASA ARCHIVAL NEWS

The National Archives and Records Administration (NARA) recently launched the Access to Archival Databases (AAD). AAD allows users to access the Archives popular electronic records over the Internet, including access to more than 350 databases and information on a variety of topics including immigration and the military. Interested parties may access the AAD by visiting <http://www.archives.gov/aad/> on the Web.

The University Corporation for Atmospheric Research (UCAR) and the National Center for Atmospheric Research (NCAR) Oral History Project was created in the mid-1980s to serve as a historical resource. The project consists of individual and group interviews conducted about important UCAR and NCAR field programs. Audiotapes and transcripts can be obtained by visiting <http://www.ucar.edu/archives> online and selecting the "Oral History Collections" link. For additional information about other archives projects contact Diane Rabson, Archivist at rabson@ucar.edu or Nicolle Alida, Archives Assistant at alida@ucar.edu or visit <http://www.ucar.edu/archives> on the web.

The National Air and Space Museum has received and is currently processing the following collections.

Aviation

American and Canadian Airlines Memorabilia; Future Development of Air Transport in the United Kingdom Materials; Aeronautical Satellite Collection; American Airlines Photography Collection; Allison Engineering Company Collection; Department of Commerce Handbooks and Manuals; Aviation Technical Manuals [Bachmeier]; 1939 and 1940 NAA Air Shows [Pontiac, Michigan] Film; Graf Zeppelin, LZ 127, 1929 Tokyo - Los Angeles Flight Souvenir Folio; Aviation Technical Manuals Collection [Creasey]; Douglas (McDonnell Douglas) Model D-3214 and D-3215 Drawings; Dornier Do X Photograph Album [Ben M. Anderson]; Hycon Model 73 B Camera Film; Chance-Vought RF-8G Collection; Aircraft Production Methods Training Manuals; and Lockheed 8 Sirius Tingmissartok Collection.

Space/Satellites

Orbiting Solar Observatory (OSO) Collection [Werner M. Neupert]; NOTSNIK Videotape and Hiroshima Photographs; United States Space Program Film Collection [Roth]; Krafft A. Ehrlicke Papers; and STS 107 Crew Memorial Tapes.

Military

5th Aircraft Repair Unit, Floating [5th ARU(F)] Collection; Douglas World Cruiser Chicago Photographs; Aviation Technical Manual (XXI Bomber Command Combat Crew Manual); Operation Deepfreeze VHS Tape [Swadener]; World War II Nose Art Photo Album [Richter]; and Paul S. Baker Panoramic Unit Group Photographs.

People

Amelia Earhart Disappearance Radio Vigil Collection; John A. O'Keefe Collection; Mary Billy Cline Quinn Collection; Ben Epps: The Legacy of Georgia's First Aviator (VHS); Cosmonauts Autographed Photograph; Eric Pownall World War I Log Book; Edouard and Charles Nieuport Image Collection; Forrest L. Berry Collection; Photographs of Hubert Latham at the Halethorpe Meet, Baltimore County, Maryland, 1910; and Admiral DeWitt C. and Mrs. Juanita G. Ramsey Photographs.

The Archives staff will work with researchers who are interested in using the collections before they are fully processed. Please contact the National Air and Space Museum archives reference desk at 202-633-2320 if you are interested in the collections.

NON-NASA EMPLOYMENT OPPORTUNITIES AND FELLOWSHIPS

The National Air and Space Museum offers the Charles A. Lindbergh Chair in Aerospace History. Senior scholars with distinguished records of publication that are working on, or anticipate working on; books in aerospace history are invited to write letters of interest for the academic year 2005-2006. 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 email Dr. Dom Pisano PisanoD@nasm.si.edu or contact the Aeronautics Division, National Air and Space Museum, Smithsonian Institution, Washington, DC 20560 for more information.

The White House Historical Association is currently accepting applications for their research grants program. The history of the White House is the focus of the association and so all grant projects should focus on the white house, working at the white house, the first family, and the physical structure. The award is need based and shall not exceed \$2,000. For more information visit

http://www.whitehousehistory.org/01_association/01_association.html on the Web.

The Carnegie Institution of Washington (CIW) has openings for two full-time (temporary) archivists starting July 1, to work on a two-year NHPRC funded project to

arrange, describe, and preserve the historical records of the Institution's administrative headquarters in downtown Washington DC and its Department of Terrestrial Magnetism and Geophysical Laboratory in Northwest DC. For qualification and application submission information, please visit the job postings at <http://www.carnegieinstitution.org> on the Web.

The National Science Foundation is accepting proposals titled "Societal Dimensions of Engineering, Science and Technology (SDEST): Ethics and Values Studies, and Research on Science and Technology." Proposals must be submitted by 1 August 2003. Guidelines for the program may be obtained by emailing stisserve@nsf.gov and typing "get nsf9728.txt". The information will subsequently be sent to your email account. Additional information about obtaining National Science Foundation materials is also available at <http://www.nsf.gov> on the Web.

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 contact Stuart Williams at flamsteed@v21mail.co.uk or visit <http://historyofastronomy.fsworld.co.uk> on the Web.

CALL FOR NOMINATIONS

Women in Aerospace (WIA) is accepting nominations for their eighteenth annual awards competition that honors women for their achievements in the aerospace field. Nomination forms for Outstanding Achievement, Lifetime Achievement, International Achievement, Leadership, Aerospace Educator, and Aerospace Awareness awards are available at <http://www.womeninaerospace.org> on the Web. All nominations must be postmarked no later than 1 July 2003.

CALLS FOR PAPERS

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.

UPCOMING MEETINGS

The American Astronautical Society will host a seminar entitled "Space – Tax Revenues at Work" at Hotel Washington in Washington DC, on 19 June 2003. For more information and to register please visit <http://www.astronautical.org> on the Web.

The Sally Ride Science Club will host the Kennedy Space Center Super Festival for 5th-8th grade female students and Educators at Kennedy Space Center in

Florida, on 21-22 June 2003. For more information and to register please visit <http://www.SallyRideFestivals.com> on the Web.

The Biotechnology Industry Organization (BIO) is sponsoring Healthfest 2003, 21-22 June 2003. Healthfest is open to the public and will consist of more than 100 interactive exhibits as well as free health screenings. The public is invited to walk through the International Space Station (ISS) trailer exhibit and meet astronaut Roger Crouch on 21 June and 22 June, 10 a.m. to 3 p.m., on the National Mall between 3rd and 4th streets. Additional information is available at <http://www.healthfest2003.com> on the Web.

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, email shot@jhu.edu or check out <http://shot.press.jhu.edu/annual.htm> on the Web.

The History of Science Society's 2003 Annual Meeting will be held 20-23 November 2003 in Cambridge MA. For more information please visit http://www.hssonline.org/meeting/mf_annual.html on the Web.

The Inventing Flight conference and expo will take place 3 – 20 July 2003 in Dayton, Ohio. They are expecting 600,000 visitors over the 17-day event. The specific daily program content of the event is available on the Inventing Flight site at <http://www.inventingflight.com> on the Web. The American Institute of Aeronautics and Astronautics will co-host an International Air and Space Symposium and Exposition in Dayton, OH, 14-17 July 2003. This event is entitled "The Next 100 Years." For information, please visit <http://www.aiaa.org> or

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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.