

## UNITED STATES 2006 AVIATION EDUCATION REPORT

**Aviation education highlights in the United States include the active participation of many groups, particularly through the collaborative efforts of the 55 member organizations that comprise the National Coalition for Aviation Education. A few member accomplishments and activities for 2006 are outlined below:**

**The National Aeronautic Association** does not directly sponsor a formal aviation/space education program; however, through its Brewer Committee it contributes to the expanding role of the National Coalition for Aviation Education (NCAE) and the National Congress for Aviation/Space Education (NCASE). NAA also co-sponsored the first National Leadership Conference for Aviation/Space Education which took place in Washington, DC in 2005. The conference was a considerable success and is planned to continue on a bi-annual basis. The Brewer Trophy, as the nation's most prestigious aerospace education honor, is awarded by the NAA annually. It recognizes an individual or organization that has made the most outstanding contribution to the field of aviation & space education over an extended period of time. NAA joins the National Association of State Aviation Officials in the sponsoring the annual US Young Artists Aviation/Space Art Contest. Over 8,000 U.S. entries were received this year. The national winners are recognized at the NAA Annual Awards Night. The FAI President assisted in the presentations at the 2005 ceremony. A representative from NAA serves as the Chairman of the joint Soaring Society (SSA) -Civil Air Patrol (CAP) Committee to promote an increased interest and involvement by young people in the sport of gliding/soaring.

**The National Association of State Aviation Officials** is involved in all phases of the aviation industry by conducting research; holding seminars, and conferences; publishing proceedings, books, working papers and policy papers. It also provides management training and technical assistance to all levels of government and the aviation industry. The [International Aviation Art Contest](#) is coordinated and sponsored annually in the United States by the Center staff in partnership with NAA.

**The Federal Aviation and Space Education Aviation Education (AVSED) Outreach Program** provides information resources, consultant services, and expertise on various aspects of Civil Aviation and Commercial Space. Program support includes community outreach activities and information, events programming, and career opportunities. Some FAA AVSED program initiatives that were accomplished in 2005 include: 1) the **AVSED Web site**, located at [www.faa.gov/education](http://www.faa.gov/education) as a resource to educators, students and the general public. 2) **ACE Camps**, one-week summer aviation and space education programs for middle and high school students. FAA's nine regions and two centers participated in coordinating ACE Camp Programs in 2005, reaching over 2,000 students. 3) **International Art Contest**-Seven FAA Regions participated in the 2005 International Art Contest by disseminating materials to partnership schools, sending certificates to state winners and assisting with state judging. 4) **Teacher Workshop/Assistance and Career Days** are supported by AVSED Programs with resource information, expertise and speakers, when human resources are available. Twenty teacher workshops were coordinated and presented by Regional Program Managers in four FAA regions in 2005. 5) **FAA AVSED Partnerships** are formally signed collaborations with a number of Aviation Organizations in support of mutual aerospace education goals through educational contests, resources, conferences, and activities. FAA AVSED partnerships include: the Civil Air Patrol, Experimental Aircraft Association, Women In Aviation International, Organization of Black Airline Pilots, International Black Aerospace Council, and Jamail Larkins (FAA Aviation and Space Education Ambassador).

**The National Aeronautics and Space Administration** continues to serve educators and students across the country by providing STEM teaching tools, opportunities, and information; access to its workforce; and facilities. More information can be obtained about NASA's education programs, information, and services at [www.education.nasa.gov](http://www.education.nasa.gov). NASA is also involved in several international education projects:

1) **NASA Academy**-For the past three years a French student has been funded and sponsored by the French National Space Agency (CNES) to participate in the NASA Academy program on a competitively selective basis. Two international students (a French and Canadian) will participate in the 2006 NASA Academy program, through funding from their national space agencies. 2) **International Space Education Board**-The Canadian Space Agency (CSA), the European Space Agency (ESA), the Japan Aerospace Exploration Agency (JAXA), and NASA have agreed on a Charter for the International Space Education Board (ISEB). The purpose of ISEB is to address common interests that impact its Members education goals by leveraging international efforts and resources. 3) **Delta Researcher Schools**-The Delta Researcher Schools (DRS) program is governed by an "Understanding," a trilateral agreement between NASA, the European Space Agency (ESA), and the Dutch Ministry of Education, Culture, and Science. Pursuant to the Understanding, the Dutch Ministry of Education, Culture, and Science will provide funding for the program, and NASA and ESA will provide DRS schools with access to NASA educational materials, experts, and teacher training. The DRS program is patterned after the NASA Explorer Schools program. 4) **International Astronautical Congress (IAC)**-The IAC meets annually and is the world's largest conference focusing on space. The next IAC will be held in October 2006 in Valencia, Spain. NASA has been very involved in IAC activities including; contributing exhibits, and employees giving presentations at the IAC technical sessions. For the past 2 years, NASA has collaborated with CSA, ESA, and JAXA to equally fund the International Student Zone (ISZ). The ISZ is an area where students can give poster presentations, listen to lectures and discussions from space and technology experts, and relax. For the past two years NASA has selected and funded U.S. students to participate in activities at the IAC.

**The Civil Air Patrol** along with the Air Force Association, FAA, NASA, National Coalition for Aviation Education, American Institute of Aeronautics and Astronautics, National Science Teachers Association, National Air and Space Museum and many others are hosting this year's **National Conference on Aviation and Space Education** (NCASE), October 19-21, 2006, at the Crystal Gateway Marriott Hotel in Arlington, Virginia. The conference will bring educators together with colleagues, educational leaders, aviation and space personalities, as well as industry representatives to help inspire students about the wonder of aviation and space. For more information, please go to: [www.ncase.info](http://www.ncase.info)

**The Wolf Aviation Fund**, a private family fund, continues provide grants to numerous individuals and organizations to support educational initiatives across the country.

**The Airports Council International-North America** (ACI-NA) is the leading trade association for North America's airports whose mission is to advocate policies and provide services that strengthen the ability of air carrier airports to serve their passengers, customers, and communities. ACI-NA also awards students working toward degrees in aviation-related fields with the ACI-NA Airport Commissioners Scholarship. These scholarships are designed to encourage and recognize excellence among students studying airport management or operations. In 2005, ACI-NA awarded three scholarships totaling \$9,000. Through its active involvement in the National Coalition for Aviation Education, ACI-NA continues to build and maintain partnerships with industry, government, corporate, and educational organizations in support of efforts to promote and support aviation education throughout North America.

Respectfully Submitted by,  
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