

SPACE CAMP NEWS



The Official Newsletter of

Space Camp & Space Academy

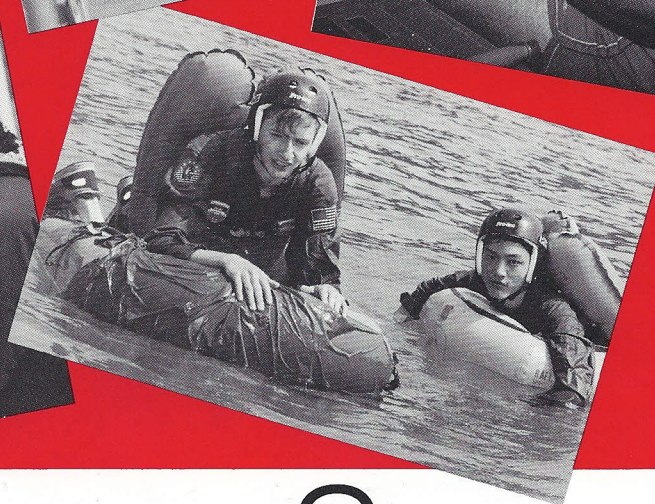
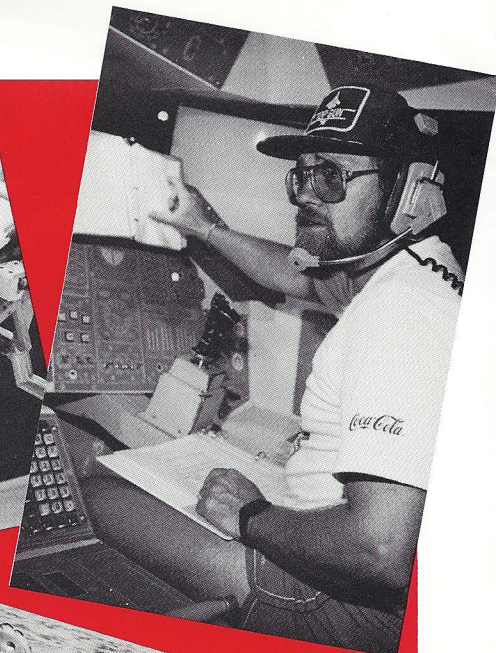


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International SPACE CAMP unites students and teachers from 20 nations. (See inside page)



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ooperation is key in first International SPACE CAMPSM

They arrived with different cultures but with one common interest...a thirst for space.

The first International SPACE CAMP in August brought together some 40 students and 20 educators from 20 nations for a 10-day stay in the United States that included a five-day international-flavored Space Camp session in Huntsville.

The international delegation arrived in Washington, D.C. for a two-day stop that included meetings with Ohio Senator and former Mercury astronaut John Glenn, and NASA Administrator Richard Truly.

The final two days in America were spent in Florida visiting NASA's Kennedy Space Center, U.S. SPACE CAMP® in Florida, the U.S. Astronaut Hall of Fame and Walt Disney's Magic Kingdom.

But the focus of International SPACE CAMP was in Huntsville where the students and teachers outlined their respective nation's goals in space exploration, discussed cooperative space ventures and participated in two simulated space shuttle missions.

"We're extremely pleased with the results of our first International Space Camp," said SPACE CAMP® Director Edward O. Buckbee. "The young people and teachers who attended demonstrated togetherness and a willingness to share ideas that holds great promise for the future of space exploration by all interested nations."

The 1990 participants in International SPACE CAMP were from Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Netherlands, Norway, Spain, Sweden, Switzerland, United Kingdom, Finland, Canada, Russia, Korea, Japan, Bulgaria and the United States.

Flight transportation inside the U.S. was provided by Delta Air Lines and the event was sponsored by U.S. SPACE CAMP. Plans call for future sessions of International SPACE CAMP to be held in other countries.

S

pace Academy Grads visit Soviet youth

Sharing ideas is also the focus of continuing exchanges between U.S. SPACE CAMP® and Soviet youth. The latest venture took place shortly after International SPACE CAMP when an 18-person U.S. SPACE ACADEMY® delegation visited the Soviet Union.

Selected from across America, the former SPACE® ACADEMY graduates attended a Soviet-American Camp on Cosmonautics that included visits to Moscow State Technical University, the Center of Cosmonaut Training, a Soviet mission control for space launches and several exhibits and museums.

There was also time for cultural and sports activities with Soviet young people.



Nancy Joyce Carpenter and her parents watch Dr. Wernher von Braun sign the ticket that in 1953 awarded the photo contest winner a ticket on "the first available rocket ship to the moon." Today, Nancy Joyce Cavanagh hopes to use knowledge gained from SPACE CAMP's teacher program to help students in her Buckeye, Ariz. classroom.

T rainees hear Astronaut speakers

U.S. SPACE ACADEMY for Adults and TEACHING THE FUTURE trainees attending 1990 summer and fall sessions receive an extra-special treat.

Several former NASA astronauts have been scheduled to speak to adult and teacher camps. The speaker program, which began in late May and continues through October, has also afforded astronaut speakers at many of the the summer's CAMP and ACADEMY graduations. Program planners aim to provide astronaut speakers during the 1991 season, as well.

The remaining, tentative schedule for the October Adult sessions is:

| | |
|------------|--------------|
| October 7 | Joe Allen |
| October 14 | Mike Mullane |
| October 21 | Mike Mullane |
| October 28 | Joe Allen |

S pace Baby attends Teacher Program

In 1953, 11-month-old Nancy Joyce Carpenter won a trip to the moon when she won a photo contest and was selected as the official "Space Baby" at Redstone Arsenal Missile Command. In late summer she came back to Huntsville as Nancy Joyce Cavanagh — married, mother of two, elementary teacher and an eager participant in Teaching the Future: Space Orientation for Professional Educators.

She still has the ticket to the moon and, after a week in the U.S. SPACE CAMP teacher program, she has an even stronger desire to use it.

"I know I would be the first to apply if they ever reinstate the teacher in space program," Mrs. Cavanagh said. "Even if that's as far as it got, that would be enough."

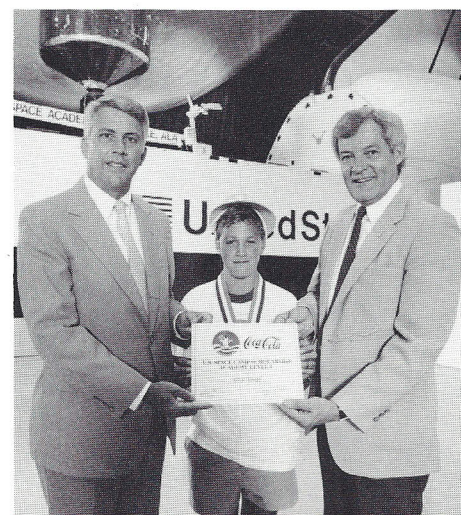
For now, the fourth-grade teacher from Litchfield Park, Ariz. plans to put her newly gained knowledge to work on earth. "My job as a teacher is to teach my kids how to find information," she said. "I've gotten a lot of ideas on how to transfer the things about space that I've learned back to the students."

T eaching The Future records highest number

Over 700 teachers from across the United States attended sessions of Teaching the Future: Space Orientation for Professional Educators during the 1990 season. The program, which began in 1987, has more than doubled the first year attendance of 271.

Teaching the Future is committed to bringing classroom teachers up-to-date on subjects involving space exploration. Educators receive hands-on training to better prepare them to relate science and other subjects to their students. Many alumni are appointed as official SPACE CAMP Ambassadors and promote the efforts of SPACE CAMP and ACADEMY throughout the U.S.

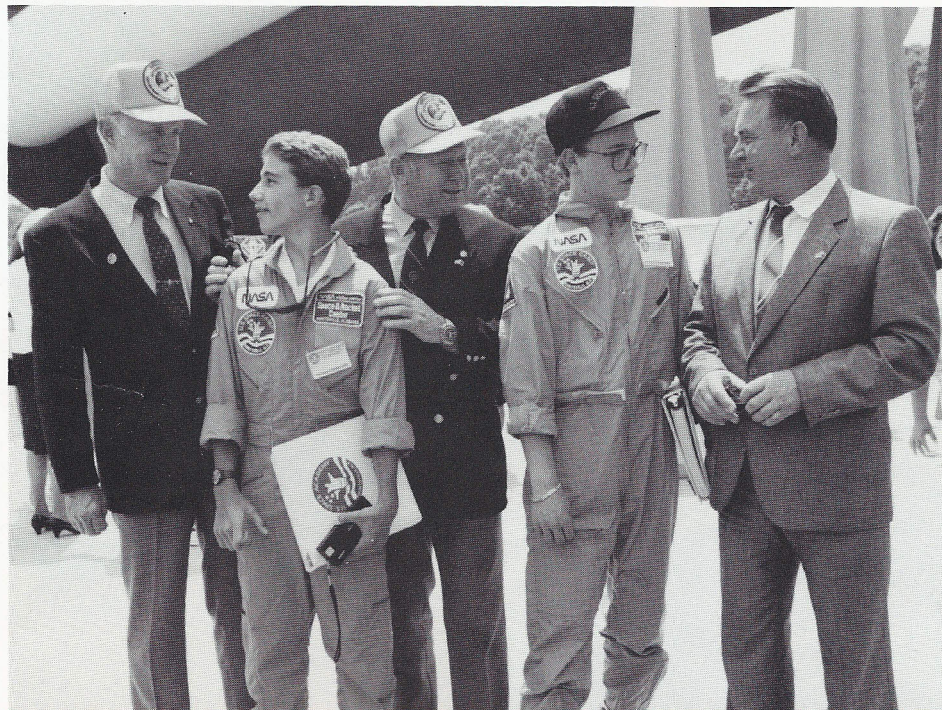
The program is held in February, March and during summer months. Beginning in 1991, Teaching the Future will be available at the Titusville, as well as the Huntsville campus.



Joe Wilkinson (left) of the Coca-Cola Foundation presents a scholarship to Outstanding SPACE CAMP Trainee Greg Knopf, with assistance from SPACE CAMP Director Edward O. Buckbee. The scholarship provides Greg tuition for the ACADEMY Level I program. Coca-Cola made the special scholarship award in celebration of Coca-Cola Week at U.S. SPACE CAMP and ACADEMY, making this the third year for such an award.



An enthusiastic group of U.S. SPACE CAMP and SPACE ACADEMY students help welcome President George Bush to NASA's Marshall Space Flight Center. Approximately 85 students greeted the President's call for going to Mars with signs that read "SPACE CAMP says 'Let's Go!'", "Back to the Moon" and "Mars or Bust." (NASA Photo by Dennis Keim)



American astronaut Thomas Stafford (left) and Soviet cosmonauts Alexei Leonov (center) and Valeri Kubasov talked with SPACE CAMP and ACADEMY students during the astronauts' visit to the U.S. Space and Rocket Center. The three space flyers recently toured the U.S. to celebrate the 15th anniversary of their historic 1975 Apollo-Soyuz space rendezvous. Other American members of that crew were astronauts Deke Slayton and Vance Brand.

U.S. Space Camp U.S. Astronaut Hall of Fame Astronaut for a Day

U.S. SPACE CAMP and the U.S. Astronaut Hall of Fame in Titusville, Florida will begin giving visitors the opportunity to be an "Astronaut For A Day" with a facilities walk-through procedures guide. Tour-goers will receive an "official" Astronaut for a Day Training Manual that guides them through the various stages of astronaut selection, training, launch and return. Along the way, visitors must answer key questions regarding America's space history. Upon tour completion, visitors can claim their official Astronaut For A Day certificate.

The program is slated to begin in late September.

T Plus 3 and counting!

Launch into T-shirt fashion with cool, cotton comfort. Visitors to the U.S. Space & Rocket Center and U.S. SPACE CAMP agree that these are T-errific choices in casual wear. "Postal Stamp" design is available in both Adult (100% cotton) and Youth sizes (50% cotton/50% polyester) S-M-L-XL. The "Rocket Roll" (green or pink) and "Space Walk" (white, green, pink or yellow) styles, (50% cotton/50% polyester) are available in Adult sizes only.

Be cool and stay warm in this SPACE CAMP satin jacket. Just right for crisp fall weather, this jacket will compliment your back-to-school wear. Available in red or blue, adult sizes S-M-L-XL.

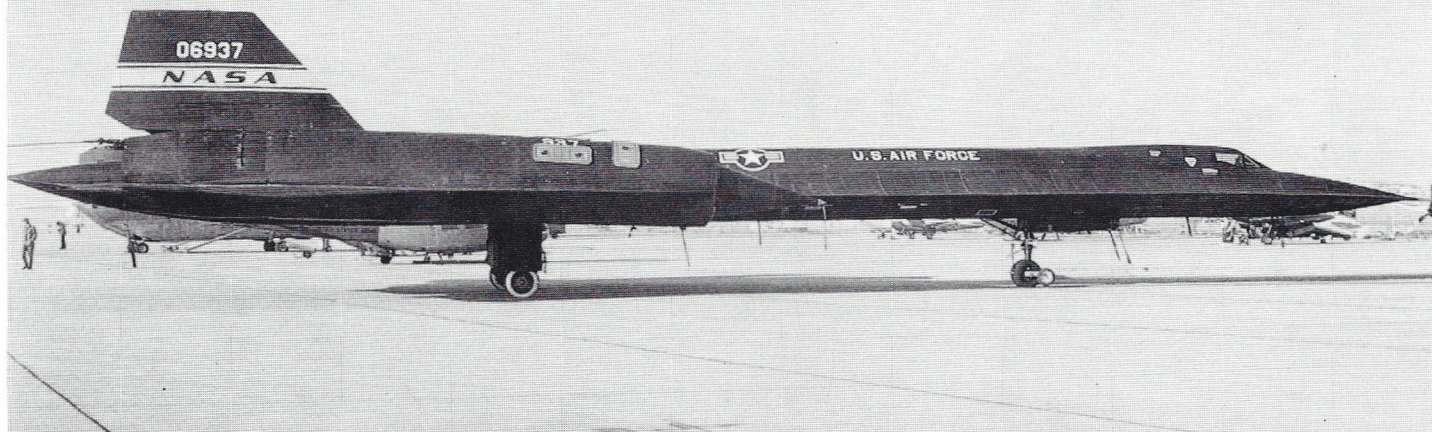
Speaking of cool, a SPACE CAMP huggie or thermal squeeze bottle can keep your after-school drinks cold and refreshing. They come in a variety of cheerful colors (neon, too!) and are great gift items.

Want to top it all off? A SPACE CAMP canvas cap, available in black, blue and red, gets a "thumbs up" from SPACE GEAR shoppers. Phone in your order by calling the SPACE GEAR Gift Shop, toll free at 1-800-533-7281. Master Card, Visa, American Express and Discover Card are welcome.

Start your Christmas shopping early with the Hail Columbia Puzzle. Sure to be a hit with your puzzle buffs, the Columbia has 550 pieces.

Call 1-800-533-7281 to place your order. Be sure to also ask for your SPACE GEAR Catalog.





A Lockheed Blackbird, or SR-71/A-12, will soon "nest down" at the U.S. Space and Rocket Center. The aircraft, made available by the U.S. Air Force, will be disassembled at its current Palmdale, California home, shipped via truck vans and reassembled at the Center. The SR-71 flies at the edge of outer space at three times the speed of sound.

A **Aviation Challenge offers college credit; New basic program open to younger grades**

Young people who attend Aviation Challenge in Huntsville will receive undergraduate college credit through an agreement with the University of Oklahoma, an academic leader in the aviation industry.

The college credit program will benefit high school sophomores, juniors and seniors.

Aviation Challenge is now taking reservations for 1991. This follows a sold-out premiere summer season that saw the jet pilot training program graduate over 600 students.

Aviation Challenge is a mixture of flight simulator action, water and land survival training and classroom activity. Each 5-day session is topped off with an exciting mission based on the Navy's "Top Gun" jet training.

In 1991, Aviation Challenge will offer a new Basic program for students in grades 7, 8 and 9 who have previously attended SPACE CAMP. The program will run from May through Labor Day. To register, phone 1-800-63 SPACE.



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