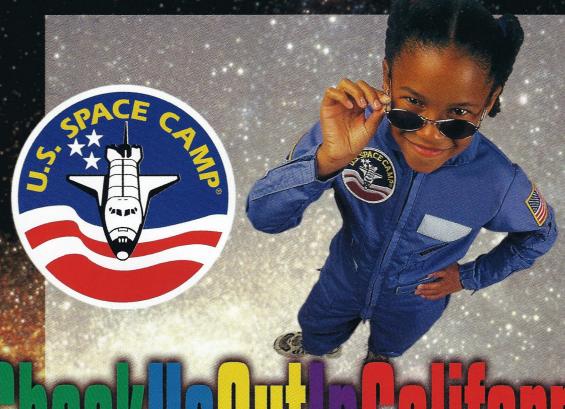


space camp®

Alabama California • Florida www.spacecamp.com

aviation challenge®

Alabama California www.dogfite.com





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MAKE YOUR RESERVATION TODAY!
1-800-63 SPACE

Established in 1965 by the State of Alabama, empowered by the U.S. Congress and supported by the National Aeronautics and Space Administration, the U.S. Space & Rocket Center is the nation's leading hands-on space science museum. Since 1982, the U.S. Space & Rocket Center has fostered national and international outreach programs through the U.S. SPACE CAMP, SPACE ACADEMY (1984), ADVANCED SPACE ACADEMY® (1997) and AVIATION CHALLENGE (1990) programs and through creation of the U.S. Space Camp Foundation (1987), a non-profit, educational organization.

U.S. SPACE CAMP®, U.S. SPACE ACADEMY®, SPACE CAMP®, SPACE ACADEMY®, ADVANCED SPACE ACADEMY®, AVIATION CHAL-LENGE® and SPACE GEAR® are registered trademarks and service marks of the U.S. Space & Rocket Center. The UNITED STATES ASTRONAUT HALL OF FAME® is a registered trademark of the U.S. Space Camp Foundation. All rights reserved. Entire contents copyrighted® 1999 Alabama Space Science Exhibit Commission. No reproduction of photographs permitted without written permission. Program material may be excerpted for news media coverage without permission.

The U.S. Space & Rocket Center and U.S. Space Camp Foundation do not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.



5-Day Program Tuition \$699



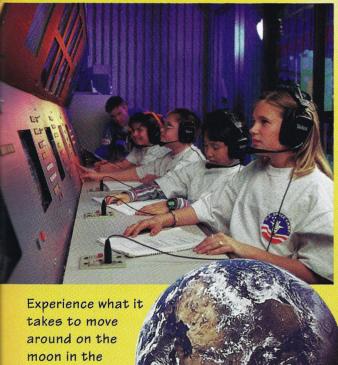
BASIC TRAINING: During your five-day stay, you'll learn about the mental, emotional and physical demands astronauts must face. But at SPACE CAMP®, you don't just hear about what an astronaut does, you'll do what an astronaut does! You'll get strapped into the 5 Degrees of Freedom simulator to train for an extravehicular activity (a space walk to most people).

A TASTE OF SPACE:

Training like an astronaut means you sleep and eat like one, too. You'll bunk in the Space Habitat and you'll sample freeze-dried space food. You'll build and launch your own rocket, and you'll also see how hard it is to do even the simplest things in a space suit.

MISSIONS: All this has to lead somewhere and for you it's an intense, realistic simulated mission in the shuttle simulator and Mission Control. Put your training to the ultimate test. But what will you be? Commander, Mission Specialist, Payload Specialist. Pilot or Mission Controller? The countdown begins. You and your team will work together to meet the goals of your mission.

Your second simulated mission takes you to the Red Planet where your assignments include collecting soil samples and exploring the surface with remote vehicles. It's a pretty cool way to spend five days!



1/6th Gravity

Trainer, Try

your hand at

spacecraft.

Manned

controlling the

Maneuvering Unit

(MMU)...the backpack that

allows astronauts to work

untethered from the shuttle. Spin

like crazy in the Multi-Axis Trainer

to feel what it's like to tumble in a

1-800-63 SPACE

SDEGE GEMID.



Attend SPACE CAMP at one of three great locations:

HUNTSVILLE, ALABAMA

You'll stay at the U.S. Space & Rocket Center, the world's largest space museum and home of the NASA Marshall Space Flight Center's official Visitor Center. You'll see the first rocket to put an



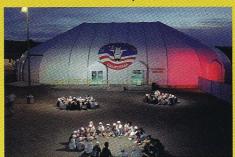
American into space, along with the massive Saturn V, the rocket that took Americans to the moon. You'll Journey to Jupiter on a deep space adventure, take a Mars Mission, and see movies in our giant-screen IMAX® Spacedome Theater. And you'll get to feel 4 G's of liftoff force and the sensation of weightlessness on the SPACE SHOT™ simulator.*



*Space Shot operates on a seasonal basis, weather permitting. It is usually closed from late fall through early spring.

MOUNTAIN VIEW, CALIFORNIA

Explore the future of the space program at SPACE CAMP California, located at the NASA-Ames Research Center in the heart of the world's leading high technology region. Take a V.I.P. tour of Lockheed Martin Missiles & Space Systems to see the development of the International Space Station and learn about Venture Star, America's next-generation space transport vehicle. Complete the challenge of designing and building your own space station on the interactive computer simulator, or explore the wonders of the universe in the StarLab planetarium.



Explore the three-story San Jose
Tech Museum where science and
technology from the Silicon Valley are
showcased, and see the latest IMAX®
space film. Spin out of control on the
Multi-Axis Trainer patterned after
one used by actual Mercury astronauts. Experience the simulated
effect of weightlessness while suspended on the "Zero-G" Wall, where
you and your teammates will be
challenged with building techniques
used by the astronauts. All your
training will be put to the test when
you fly your missions in two full-scale

Space Shuttle orbiter cockpits!

TITUSVILLE, FLORIDA

Trainees visit NASA's Kennedy Space Center and see firsthand the new Apollo Saturn Center and



Launch Complex 39, where the Space Shuttle is processed, assembled and launched. Trainees see the latest IMAX® space film – astronauts say it's the next best thing to actually being in space! Back at the training center, hang suspended on the "Zero-G" Wall where you and your teammates practice building techniques used by the Space Shuttle astronauts. Trainees also learn the secrets of the universe at Florida's largest planetarium. And who knows...you may even see a real shuttle launch!



NOTE: A minimum height of 4 feet is required for the simulators used in the program curriculum. Maximum weight for simulators is 260 lbs. Closed-toe shoes must be worn on all simulators.

space academy®



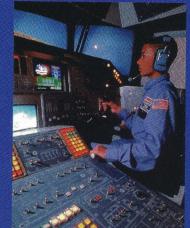
5-Day Program Tuition \$799

Alabama Only

Ages 12-14

Get ready to have a blast! If you're interested in astronaut training and simulated space travel, then SPACE ACADEMY® is perfect for you. The emphasis in SPACE ACADEMY is on

shuttle crew activities, mission control and Space Station simulators. Join your teammates on two missions where you and your crew will conduct experiments inside Spacelab and/or the Space Station, as well as critical



operations outside the orbiter's crew cabin. It's as close to the real thing as you're going to get, and you'll do it with some pretty cool people.

SPACE TRAINING: If

you want to be an astronaut, then you'll have to think like one. You'll be briefed on everything from the

Shuttle propulsion system to space suits, and you'll learn

you'll learn
crucial things
about life support systems. You
will also become
familiar with the
Space Shuttle cockpit

simulator and the full-

size Spacelab. Then, it's off to microgravity training, combining the use of our lake

or pool with the 1/6th Gravity Trainer. In other words, you will live, breathe and even dream space travel via your training.

SPACE SHUTTLE

MISSION: Take your position as a Mission or Payload Specialist, Mission Control Expert, or Shuttle Operator. Your team is counting on you. Will you perform the tasks necessary to ensure a successful mission? Are you up to the challenge? Feel your adrenaline level soar as the mission control team announces your countdown. 5...4...3...2...1... We have liftoff! Remember, it takes teamwork to overcome any problems that may arise. Communication is the key. Once your first successful mission is complete, you'll begin preparing for the next challenge by exchanging

assignments for a second

day we may all be living on a

Martian base. Learn all

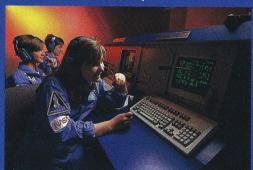
mission. Who knows? One

about NASA's plans
for the future and
the International
Space Station.
You'll conduct
experiments
and learn
how to adapt
to the rigors of
space.



G FORCES AND WEIGHTLESSNESS: It's one

thing to imagine what it must be like to be in a microgravity environment, but it's another to actually experience it. That's what we have planned for



you, though, at SPACE ACADEMY. We use SPACE SHOTTM, a 180-foot simulator that lets you feel the force of 4 G's as you lift off the launch pad; then feel two to three seconds of actual weightlessness as you experience the sensation of microgravity.*

*Space Shot operates on a seasonal basis, weather permitting. It is usually closed from late fall through early spring.

MAKE YOUR RESERVATION TODAY!
1-800-63 SPACE

advanced space academy

5-Day Program Tuition \$899

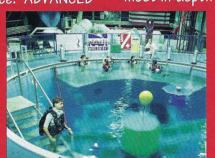
Alabama Only

Aaes 15-18

SERIOUS SPACE. SERIOUS

FUN: If you're thinking about a hightech career, you'll love ADVANCED SPACE ACADEMY. In this five-day program, you'll get hands-on training, as well as learn about the mental, emotional and physical demands astronauts must face. ADVANCED

SPACE ACADEMY offers you the opportunity to focus on your field of interest: Pilot. Mission Specialist or Payload Specialist. Sign up for your area of interest when you register.



PILOT (PLT): Interested in a Pilot/ Commander role? The PLT offers two track specific labs: Space

Piloting and Guidance, Navigation, & Control

(GNC).

MISSION SPECIAL-IST (MS): Do you see yourself in an engineering & EVA (space walk) role? The MS track offers two track specific labs: Payload Operations and Engineering Problems.



PAYLOAD SPECIALIST

(PS): Maybe a scientific role on the Space Shuttle

sounds interesting. The PS track provides two

track specific labs: Space Exploration and Space Medicine.

MISSIONS:

ADVANCED SPACE ACADEMY offers the

most in-depth training you can

experience, including SCUBA training for all tracks. Certain medical conditions may prohibit trainee from diving! You'll quickly learn

the importance of

teamwork as you embark on your missions. You'll work together on three one-hour training missions, rotating roles in the orbiter, Space Station and mission control.

Decision-making skills are put to the test as you prepare for your extended duration mission. This six-hour mission will be one of the highlights of your week. But your total immersion into the space

program doesn't end here. You'll

definitely put your computer and engineering skills to the

test as you and your team design and race a VR (virtual reality) Mars rover. Is it structurally sound? How well will it handle obstacles?

To prepare for the future, you need to develop your leadership abilities, which is why ADVANCED SPACE ACADEMY

> offers leadership training to help prepare you for your challenging shuttle missions. As part of this training, you'll visit our special, topsecret "Area 51."

Of course, ADVANCED

SPACE ACADEMY is more than problem solving, high-tech tours and leadership training. You'll also have fun experiencing 4 G's of liftoff force and actual weightlessness on our SPACE SHOT™ simulator.* In addition, you'll get a realistic feel for living



and working in space by watching IMAX® movies like "Destiny In Space" in our Spacedome Theater.

*Space Shot operates on a seasonal basis, weather permitting. It is closed from late fall through early spring.

MAKE YOUR RESERVATION TODAY! 1-800-63 SPACE

parent/child space camp®

Weekend Program Tuition \$658 per pair

Alabama, California & Florida

1 Adult/1 Child age 7-11*

Minimum 2nd grade reading level recommended.

TAKE YOUR CHILD FOR A WALK ON THE MOON: A

positive mental attitude and selfconfidence have become essential ingredients in today's changing world. That's one reason why we created PARENT*/CHILD SPACE

CAMP... a camp designed to give a boost to your child's confidence and self-esteem. Watch with pride as your child masters an assignment in mission

control and beams with joy as the rocket you built together successfully lifts off the launch pad.

But there's another reason for our PARENT/CHILD camp, and it revolves around "quality time." We don't just talk about spending time with your youngster—we practice it! PARENT/

CHILD is the ideal environment for you to get to know your child better in a positive and fun setting. It's a weekend for just the two of you. Sharing. Learn-

ing. Growing. What better way to build a lasting relationship than in PARENT/CHILD SPACE CAMP? **CHILD?** A program designed to give both of you an overview of space exploration while experiencing very real space simula-

WHAT IS PARENT/

ing very real space simulations. There's the 1/6th Gravity Trainer, which gives you the sensation of

walking on the moon. And there's the Manned Maneuvering Unit (MMU), similar to those used by shuttle astronauts to maneuver in space. There's also the 5 Degrees of Freedom Trainer, which simulates movements in microgravity. Real

space simulations. Real fun.

MISSIONS: No astronaut train-

ing would be
complete without
a mission in
space. Work sideby-side as you

and your youngster do everything together. Maybe she'll be the Commander while you're the Pilot. Or perhaps he'll be the Flight Director while you're in charge of communications. Self-confidence grows by the hour as you work together to accomplish your goals. Our missions are as close to the real thing as we can make them and yet are appropriate for ages 7-11.

MORE FUN AND LEARNING: Our

PARENT/CHILD program is a weekend of nonstop activities.

Together, you will explore the history, present, and future of manned space flight. You'll also build

rockets together and then watch them launch. Experience the sensations of real shuttle launches from giant-screen IMAX® movies, showing



shuttle astronauts performing important missions in space.

Tuition includes meals, educational programs and materials, accommodations and T-shirts for both of you. Parents and children of different sexes will be housed together in Alabama and housed according to gender in Florida and California. Registration and arrival/departure times are provided in the confirmation packet mailed to you after you register.

NOTE: A minimum height of 4 feet is required for the simulators used in the program curriculum. Maximum weight for simulators is 260 lbs. Closed-toe shoes must be worn on all simulators.

*Program designed for one adult/one child pairs. Participating adult must be at least 19 years old and may be a family member or friend.

space academy



For Adults

SPACE ACADEMY for Adults

Alabama Only Weekend Program \$599

Admit it. You've always wondered what it would be like to train like an astronaut. Adult SPACE ACADEMY is as close as you'll get as we put your skills, abilities and talents to the test in training simulators and simulated missions.



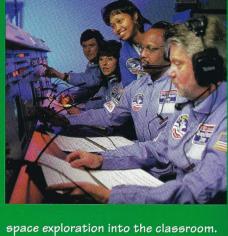
Experience weightlessness and 4 G's of force when you blast off 150 feet on SPACE SHOT™. Feel what it's like to walk on the moon in the 1/6th Gravity Trainer, then experience a simulated tumble in space in the Multi-Axis Trainer. You'll also alternate roles in mission control and shuttle crew during two different Space Shuttle missions. Witness space exploration almost firsthand in a giant-screen IMAX® Spacedome theater presentation. A tour of NASA's Marshall Space Flight Center and the U.S. Space & Rocket Center round

ADVANCED SPACE ACADEMY for Adults

Alabama Only 5-Day Program

\$899

When a weekend just isn't enough, check out our five-day Adult ADVANCED SPACE ACADEMY program. You'll perform all the activities from the weekend program, plus much more. Your week-long astronaut adventure also includes SCUBA divina in our on-site Underwater Astronaut Trainer. Then design a Mars Rover on computer and test its performance in a virtual reality race. For your shuttle missions, choose your field of interest and pursue it in one of three tracks: Pilot/Commander, Mission Specialist or Payload Specialist. You will rotate through the orbiter, space station and mission control on three training missions. Your week-long adventure culminates in an exciting six-hour shuttle mission, complete with the traditional NASA steak and egg breakfast prior to launch. Call today to reserve your space!



space exploration into the classroom. They will also participate in astronautstyle training and simulations. It is our hope that teachers will return to their classrooms with renewed energy and enthusiam toward teaching and learning.

*Program open to certified teachers only.

Corporate SPACE ACADEMY

Alabama & California Call 1-800-894-2773

Corporate SPACE ACADEMY integrates the excitement of our nation's space program with corporate development training to promote leadership and teamwork. Our program offers a unique and dynamic atmosphere by combining interactive team activities, simulated astronaut training, space shuttle missions and classroom sessions.

Any organization recognizing the importance of strong leadership in conjunction with global teamwork will benefit from Corporate SPACE ACADEMY. Each participating member of your organization is positioned equally within the program, which in turn encourages team members to work together to meet common goals and objectives, all in an exciting and motivating environment.

SPACE ACADEMY for Educators*

Alabama & Florida \$799

for Educators
embraces the joy
of learning through
discovery, exploration
and simulation. Educators
will participate in
exciting activities and
projects created to
promote life-long learning
through the study of space
science and space exploration. Participants take part
in workshops geared to bring

the excitement and wonder of

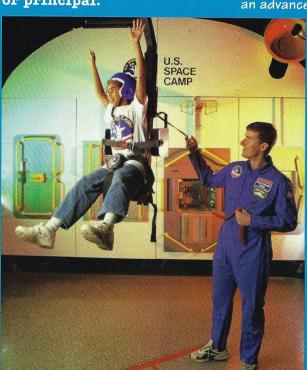
out your weekend.

special programs



A program for Gifted and Advanced Students: Gifted students need intellectual challenges that go far beyond the traditional educational setting. Recognizing this need, SPACE CAMP has created a special program just for advanced students — Brightest Stars. This program enhances the traditional SPACE CAMP curriculum with additional mission and simulator experiences.

Enrollment in Brightest Stars is limited. Registrations will be accepted by fax or mail only. All application forms must be accompanied by a copy of applicant's most recent grades and a letter of recommendation by a teacher or principal.



SPACE CAMP 5-Day Program \$799

Alabama Only

Ages 9*-11

*Nine-year-olds must be currently attending or have completed 4th grade.

Lift off for the experience of a lifetime! Train like an astronaut on simulators patterned after those actually used by NASA. Take your place on the crew of two 2-hour simulated shuttle missions. And perform some really cool experiments on the Space Station, like polymer studies, discovering how space travel affects human physiology and actually experiencing disorientation to see how it affects reaction time. Then you'll build an advanced multi-stage rocket

and put your
engineering skills to
the test when you
launch it. Think
you've got what it
takes? Check it
out!

SPACE CAMP & AVIATION CHALLENGE for the blind and visually impaired & deaf and hard of hearing

Alabama Only Grades 6-12 Group rates apply

These programs have attracted students from across the United States and around the world. Over the years, we have worked closely with several organizations, including the Alabama Institute for the Deaf and Blind, the West Virginia Schools for the Deaf and the Blind, and most recently, the Western Pennsylvania School for the Deaf, to develop a meaningful, inspirational experience for these students. Program highlights include a presentation by blind and deaf NASA professionals on career choices and working in the space industry. Enlarged print, sign language interpreters, attention to mobility hazards and other special considerations are extended to put trainees at ease. Blind students also benefit from the latest technology in the field—tactile Braille displays and synthetic speech for the computers.

For more information about the Deaf & Hard of Hearing Program, contact Amy Newland at 1 (412) 371-7000, amn01wpd@wpsd.org

For details about SPACE CAMP for Interested Visually Impaired Students (SCI-VIS), contact Dan Oates at (304)822-4883, www.doates@ mountain.net. Visit the Texas School for the Blind & Visually Impaired at www.tsbvi.edu spacehome.htm

SPACE CAMP or AVIATION CHALLENGE session date: Sept. 25-30, 1999

group programs

THE ULTIMATE CLASSROOM



Group leaders agree that a week spent at one of these programs has more educational impact on their students than a week in the traditional classroom setting. SPACE CAMP participants are immersed in the exciting world of space science, and AVIATION CHALLENGE participants explore the dynamics of aviation. The knowledge and confidence students gain during their week of camp remain with them when they return to the classroom.

WHAT MAKES UP A GROUP?

In order to be booked as a group, 12 or more students must register together. Eleven students or less wishing to attend a program together are not eligible for group rates. Please see sections 2 & 3 in the Parent Information Section for registration and payment information.

We will not accept a group reservation less than 3 months prior to a desired session date.

GROUP PAYMENT POLICY

IMPORTANT: We cannot accept individual payments for group bookings. Deposit and final balance fees are each payable (by one check) for the amount due to: U.S. Space & Rocket Center. Individual payments received for group bookings will be returned to the group leader.

A deposit of 50% of the total balance is due within 60 days after the group leader has received written confirmation of the reservation. All student applications should be mailed in at this time.

The balance is due 60 days prior to arrival, along with health, transportation, and teammate request forms and chaperone names.

Return all forms and payment to:
Group Reservations
U.S. Space & Rocket Center
P.O. Box 070015
Huntsville, AL 35807-7015

Any reservation made within four months of session date requires full payment no later than 30 days after the reservation is made.

- Only one chaperone attends free for every 12 paid students.
- A maximum of 2 chaperones may attend with each group of 12 students.
- · Chaperones must be educators.

CHAPERONE ACTIVITIES:

Upon arrival, the group leader ensures that all students are registered and settled in. Then our program staff takes responsibility. We do ask that chaperones assume the role of emergency contact while the children are in the program.

Any is el

Chaperones follow a flexible schedule which allows them frequent opportunities to check on their group. Chaperones receive an introductory tour of the facility, a personalized name badge allowing access to the facility, all meals, and a list of suggested activities that they can participate in during the week.

CHAPERONES: Please note that you do not stay in the Habitat and you are responsible for making your own lodging* and transportation arrangements.

GROUP AWARDS PROGRAM:

SPACE CAMP and AVIATION CHALLENGE will donate one free tuition to any group with 24 paid tuitions. You must have 24 paid student tuitions to receive one free. Tuition must be used at the time your group attends.

INTERNATIONAL GROUPS:

Every year, groups from around the world enroll in SPACE CAMP and AVIATION CHALLENGE. We have established the following guidelines so that international participants may enjoy the best possible camp experience:

- International groups are booked in the off-season ONLY (September May).
- A translation fee of \$75 per student is required.
- Every 12 individuals must be accompanied by an English-speaking interpreter.

Group Rates

Any group with 12 or more participants is eligible for group discounts.

Effective Dates 8/22/99-5/26/00

12-60 Participants

Space Camp	\$550/persor
Space Academy	\$650
Advanced Space Academy	\$750
Mach I	\$550
Mach II	\$650
Mach III	\$750

61 or more Participants

Space Camp	\$525/perso
Space Academy	\$625
Advanced Space Academy	\$725
Mach I	\$525
Mach II	\$625
Mach III	\$725

Group Discounts cannot be used in conjunction with any other discount or special offer.
Discounts are not available for summer sessions or the week after Christmas.

SPACE CAMP Session Dates



SPACE CAMP®

Alabama, Ages 9-11 California & Florida Ages 9-12

August 6-11

August 13-18

August 20-25

August 27-

Sept 3-8*

Sept 1

Sept 10-15*

Sept 17-22*

Sept 24-29*

Oct 1-6

Oct 15-20

Oct 22-27

Nov 5-10

Nov 12-17

Dec 3-8*

Dec 10-15*

Dec 17-22*

Dec 26-31*

Jan 1, 2001**

Dec 27-

Oct 29-Nov 3

Nov 26- Dec 1*

Sept 26-March 19-24 Oct 1,1999* March 26-31 Oct 3-8 April 2-7 Oct 10-15 April 9-14 Oct 17-22 April 16-21 Oct 24-29 April 23-28 Oct 31-Nov 5 April 30-May 5 Nov 7-12 May 7-12 Nov 14-19 May 14-19 Nov 28-Dec 3† May 21-26 May 28-June 2 Oct 8-13 Dec 5-10++ Dec 12-17†† June 4-9 Dec 26-Dec 31* June 11-16 June 18-23 Jan 1, 2000** June 25-30 Feb 13-18 July 2-7 Feb 20-25 July 9-14 Feb 27-July 16-21 March 3 July 23-28 March 5-10 July 30-March 12-17 August 4

*California and Florida ONLY **Alabama ONLY

†Florida ONLY ††Alabama and Florida ONLY

Brightest Stars SPACE CAMP®

Alabama, Ages 9-11

Oct 3-8, 1999 Oct 10-15 Oct 17-22 Oct 24-29

Oct 31-Nov 5

Nov 7-12 Nov 14-19 Nov 28-Dec 3 Dec 5-10 Dec 12-17

SPACE ACADEMY®

Alabama, Ages 12-14

SAME AS SPACE CAMP ALABAMA WITH THE FOLLOWING EXCEPTIONS. Sessions not offered Dec 5-10, Dec 12-17

ADVANCED SPACE ACADEMY®

Alabama, Ages 15-18

SAME AS SPACE CAMP ALABAMA WITH THE FOLLOWING EXCEPTIONS. Sessions not offered

Oct 24-29, 1999 Feb 20-25, April 16-21 Oct 31-Nov 5 2000 April 23-28 Feb 27-April 30-May 5 Nov 7-12 Nov 28-Dec 3 March 3 May 7-12 Dec 5-10 March 5-10 May 14-19 May 21-26 Dec 12-17 April 9-14

SPACE ACADEMY® For Adults

Alabama

Sept 3-5, 1999 Nov 12-14 Oct 8-10 Sept 10-12 Oct 15-17 Sept 1-3, 2000 Sept 17-19 Oct 22-24 Sept 8-10 Oct 1-3 Oct 29-31 Sept 15-17

ADVANCED SPACE ACADEMY® For Adults

Alabama

Sept 12-17, 1999 Sept 19-24 Oct 3-8 Oct 10-15 Oct 24-29

Sept 3-8, 2000 Sept 10-15 Sept 17-22 Oct 8-13 Oct 15-20

SPACE ACADEMY® For Educators

Alabama & Florida

June 6-11, 2000** June 13-18 June 20-25

July 11-16 July 18-23

**Alabama ONLY

Parent/Child SPACE CAMP®

Alabama, California & Florida

April 7-9†† Oct 1-3, 1999 Oct 15-17 April 14-16 April 21-23 Nov 5-7 Nov 26-28†† April 28-30++ May 5-7†† Dec 3-5* Dec 17-19 May 12-14 Dec 29-31† May 19-21 May 26-28 Jan 7-9, 2000† Jan 21-23† June 2-4†† June 9-11 Feb 11-13†† June 16-18 Feb 18-20†† March 3-5 June 23-25 March 10-12+ June 30-March 17-19 July 2 March 24-26†† July 7-9 March 31-April 2 July 14-16

July 21-23 July 28-30 August 4-6 August 11-13 August 18-20 August 25-27* Sept 1-3 Sept 15-17* Sept 29-Oct 1 Oct 6-8* Oct 20-22 Nov 10-12 Nov 24-26 Dec 8-10* Dec 15-17* Dec 29-31*

*California & Florida ONLY tFlorida ONLY ††Alabama & Florida ONLY

We cannot confirm or guarantee space availability.

We reserve the right to cancel a session date if participation numbers are not adequate.

Camp

Registration

Sunday 1:30 - 3:00 PM

Sunday 2:30 - 4:00 PM

Sunday 1:00 - 3:00 PM

Tuesday 2:00 - 3:00 PM

Sunday 10:30 - Noon

Friday 1:00 -1:30 PM

Friday 1:00 -1:30 PM

Graduation

SPACE CAMP Alabama

- SPACE CAMP
- SPACE ACADEMY
- ADVANCED SPACE ACADEMY
- Brightest Stars SPACE CAMP
- Parent/Child
- SPACE ACADEMY for Adults
- ADVANCED SPACE ACADEMY for Adults
- Educator's Program

Central Time Sunday 2:30 - 4:00 PM

Friday 9:00 AM Friday 11:00 AM Friday 4:00 PM Friday 9:00 AM Sunday 11:00 AM Sunday 11:00 AM

> Friday 1:00 PM Sunday 11:00 AM

SPACE CAMP California

- SPACE CAMP
- Parent/Child

Pacific Time

Sunday 1:00 - 4:00 PM Friday 11:00 AM - Noon

Friday 9:00 &10:30 AM★ Sunday 11:00 AM

SPACE CAMP Florida

- SPACE CAMP
- Parent/Child
- Educator's Program

Eastern Time

Sunday 1:00 - 4:00 PM Friday 11:00 AM Tuesday 5:00 PM

Friday 9:00 &10:00 AM★ Sunday 11:00 AM Sunday 2:00 PM

13



Welcome from John Glenn

Today's space program is marked by a spirit of cooperation among the world's foremost scientific minds. We are constructing an International Space Station with our partner nations and building diplomatic bridges we never thought possible. We are truly entering a new world in the new

To meet the challenges, we need great minds and vivid imaginations. We need scientists and astronauts to make the journeys into space. We need century. writers and historians to tell the tale, and poets and dreamers to give us the inspiration for the trip. We need engineers to apply our new knowledge, to help us turn scientific data into everyday, life-enriching technology. The more we learn in space, the more we benefit from its exploration. Our journeys into space have already helped us live better lives on earth.

I can tell you that right now, the first man or woman to set foot on Mars is Where are our explorers? sitting in a classroom somewhere. And when I see the faces of SPACE CAMP trainees, I see the future of American space exploration.

SPACE CAMP takes a unique, fun and hands-on approach to learning outside the classroom. Participants leave with a greater appreciation of their lessons. The future needs people who are bright, passionate and innovative and I see all these things when I visit SPACE CAMP. I believe SPACE CAMP offers a glimpse into what our future will be like—and it is

bright indeed.

John Herschel Glenn, Jr. (Colonel, USMC, Ret.) NASA Astronaut

The Parents' Guide to SPACE CAMP & AVIATION CHALLENGE



5-DAY YOUTH PROGRAMS	Huntsville, AL	Mountain View, CA	Titusville, FL	Atwater, CA	Ages 9-11	Age at *21-6 saby	Ages 12-14 po	Ages 15-18	669\$	\$799	668\$
SPACE CAMP	•	•	•		•	•			•		
SPACE ACADEMY	•						•			•	
ADVANCED SPACE ACADEMY	•							•			•
MACH I	•			•	•				•		
MACH II	•			•			•			•	
MACH III	•			•				•			•

EXCEPTION: For June, July and August sessions, camper must meet age requirement by August 31. *Mountain View, California & Titusville, Florida



Age/Grade Appropriateness

Since we opened our first camp in 1982, we have gathered a wealth of experience developing and providing curriculum that is age and grade specific. Reading levels, cognitive learning skills, and emotional maturity are just a few of the factors we have used over the vears to develop programs that will not only be fun, but "comfortable" for young people of all backgrounds. For example, we make every effort to arrange teams so that each child has an age or grade in common. We know from experience that a child is not going to enjoy our camp if he or she is intimidated by older students or

can't keep up with the intellectual or physical demands of a level higher than what we have designed for them. Please help us achieve the very best experience possible for your child by enrolling him in the camp that corresponds with his age.

At the same time, we understand that some children are either moving at a faster developmental rate than others or appear to be exceptionally gifted, especially in science and math. As a result, we have created a special program in Alabama just for those students – BRIGHTEST STARS (see pg. 11). If you feel that your child would benefit more by enrolling in this advanced program, then we encourage you to apply. These sessions fill quickly and space is limited, so register early.

We reserve the right to request proof of age and/or grade.

Credentials & Accreditation

U.S. SPACE CAMP®

U.S. SPACE CAMP programs use the excitement of space exploration to motivate young people to pursue more math and science studies in the classroom. Alabama and Florida facilities are accredited by the American Camping Association, following its strict guidelines for operation. The Mountain View facility is currently in the process of accreditation.

AVIATION CHALLENGE®

AVIATION CHALLENGE was developed to heighten students' interest in aviation and technology. Participants explore the dynamics of aviation as they train like military jet fighter pilots. The program's curriculum emphasizes leadership, teamwork, problem-solving and decision-making. AVIATION CHALLENGE Alabama is accredited by the American Camping Association, following its strict guidelines for operation. The Atwater facility is currently in the process of accreditation.

Locations

SPACE CAMP Huntsville, Alabama

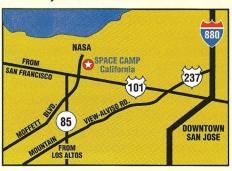
U.S. SPACE CAMP opened its first facility in Huntsville, Alabama, in 1982. The Huntsville facility is an entity of the U.S. Space & Rocket Center (USSRC), which was established by the State of Ala-



bama. The USSRC and U.S. SPACE CAMP are primarily self-sufficient with added support from corporate partners. U.S. SPACE CAMP is not a NASA program; and although the USSRC is the official NASA Visitor Center for the Marshall Space Flight Center (MSFC), it receives no direct federal funding for operational support. MSFC does, however, supply in-kind technical assistance and expertise and is a contributor to programs for educators.

SPACE CAMP Moffett Field in Silicon Valley, Mountain View, California

U.S. SPACE CAMP California began operation in July 1996 at the NASA Ames Research Center heart of development and planning for future U.S. space exploration projects. The California facility is centrally located in the world



famous Silicon Valley, near the international airport in San Jose. SPACE CAMP California is funded by the U.S. SPACE CAMP Foundation—a private, non-profit, tax-exempt organization—and receives no direct federal funding for operational support. The camp does receive technical assistance and expertise from NASA-Ames as a contributor to on-site educational programs.

SPACE CAMP Titusville, Florida

U.S. SPACE CAMP Florida opened in April 1988 and is operated jointly by the U.S. Space Camp Foundation, a private, non-



profit, tax-exempt organization and the Astronaut Scholarship Foundation. The SPACE CAMP Florida Training Center is located near NASA's Kennedy Space Center and shares a complex with the U.S. Astronaut Hall of Fame.

AVIATION CHALLENGE Huntsville, Alabama

The AVIATION CHALLENGE program began operation in June 1990. The Huntsville facility is an entity of the U.S. Space & Rocket Center (USSRC), which was established by the State of Alabama. The USSRC and AVIATION CHALLENGE do not receive federal or military funding for operational support. AVIATION CHALLENGE does receive in-kind technical support from the Armed Services.

AVIATION CHALLENGE Atwater, California

AVIATION CHALLENGE California began operation in June 1997 at the former Castle Air Force



Base. The California facility is funded by the U.S. SPACE CAMP Foundation, a private, non-profit, tax-exempt organization.

Counselor Qualifications & Training

You are entrusting us with the security and well-being of your child. Our rigid standards for hiring qualified counselors as well as training them have been established to ensure that your child enjoys a safe, fun and educational experience while attending any of our programs.

A minimum of one year of college is mandatory for all counselors. While a significant percentage of our staff are education majors, others are pursuing degrees in business, science, math or the liberal arts. The common thread they all share is that they want to work with children. Many staff members have actually gone through the camp programs as trainees.

Every potential counselor must pass a comprehensive back-ground check and drug screening prior to employment. Once employed, and before they ever meet a trainee, all program staff members receive training in the following areas: program facts and history; simulator safety and

operation; proper discipline techniques as outlined by the American Camping Association; and agespecific behavioral characteristics.

All counselors are evaluated weekly at the end of each camp session by their team members. We encourage parents to meet program staff members at registration and graduation.

Safety & Medical

Security

Camp supervisory staff and a separate security staff are on site or on call 24 hours a day, seven days a week when camp is in session to ensure the safety of your child. At no time are campers allowed off site individually or as a group without an accompanying adult. Off-site trips are limited to those included in the program curriculum.

Safety

The safety of all trainees is of utmost importance. Counselors are highly trained and certified in the proper use of all simulators so that trainees may have a safe, enjoyable experience.* Each simulator is built to the highest standards and all equipment is safety checked and maintained by professional technicians. Each enclosed simulator is equipped with smoke detectors. It is mandatory that trainees wear safety helmets when using most of the astronaut training equipment.

A minimum height of 4 feet is required for the simulators used in the program curriculum. The centrifuge used in the Alabama curriculum requires a minimum height of 50 inches. Maximum weight for astronaut training simulators is 260 pounds per person.

Medical Staffing

Medical staff is on site 24 hours daily in Alabama. Medical staff is on site from 7 a.m. to 11 p.m. in California and Florida and on site or on

*Some of the space flight simulators may cause motion sickness.

call the remaining 8 hours while camp is in session.

All medications except inhalants (prescription, over-the-counter, vitamins, herbal) are collected during registration and dispensed as directed by you or the prescribing physician. They must be in their original containers with labels and instructions in English. Trainees requiring injections must provide medications, syringes, and legible, signed instructions from your physician.

Any medically-related questions may be directed to the nursing staff at the camp in which you are interested. Refer to camp phone listings on page 22.

Special Needs Accommodations

Every effort is made to accommodate individuals with special needs, including those who are hearing or visually impaired, those with special dietary requirements, or individuals in wheelchairs. To learn more about our capabilities, please call the camp in which you are interested. Refer to camp phone listings on page 22. We require advance notice on our health form if your child is a special needs attendee.

Housing

SPACE CAMP Alabama

Trainees are housed in the Space Habitat, a futuristic space station mock-up. SPACE CAMP attendees are grouped in sleep bays with 20-40 bunk beds (below). SPACE ACADEMY and ADVANCED SPACE ACADEMY trainees are housed in six- or seven-person dorm rooms (above right). The



Habitat complex accommodates 800 people at full capacity, so a certain amount of noise is to be expected.

 Bed sheets and blanket, pillow and pillowcase, towels and washcloths are provided. Bring a beach towel for water activities. Each trainee will have an assigned locker. Please bring your own lock.



 Restrooms are located throughout the complex with access to sinks, private shower stalls and private toilets.

AVIATION CHALLENGE Alabama

The AVIATION CHALLENGE Hangar is on site at the U.S. Space & Rocket Center. Trainees are housed in military-style bays with 20 trainees and two counselors in each bay.



- Bed sheets and blanket, pillow and pillowcase, towels and washcloths are provided. Bring a beach towel for water activities. Each trainee will have an assigned locker. Please bring your own lock.
- Restrooms are located throughout the complex with access to sinks, private shower stalls and private toilets.
- Males and females are housed in separate bays.

SPACE CAMP California at Mountain View

The Habitat is located on site and comprised of modular units with bunk beds in an open-bay setting.



Each sleep bay accommodates 38 trainees with a counselor's room located at one end of the sleep bay.

- Bed sheets and blanket, pillow and pillowcase, towels and washcloths are provided. Bring a beach towel for water activities. Each trainee will have an assigned locker. Please bring your own lock.
- Restrooms are located in each Habitat with access to sinks, private shower stalls and private toilets.
- Males and females are housed in separate bays.

AVIATION CHALLENGE at the former Castle Air Force Base, Atwater, California

The dorm is similar to a hotel, with entrances into each room off a main hallway. Each room sleeps four trainees. There are 24 counselor rooms, each housing two samegender counselors.

• Bed sheets and blanket, pillow and pillowcase, towels and bar soap are provided. Bring a beach towel for water activities. Each



trainee will have an assigned locker. Please bring your own lock.

- Each trainee suite shares a restroom with access to sinks, private shower stalls and private toilets.
- Males and females are housed in separate areas of the dorm.

SPACE CAMP Florida

Trainees stay in the Habitat, a fourstory housing complex located next to the SPACE CAMP Training Center. Each sleep bay accommodates 24 trainees in bunk beds. A counselor's room is located at one end of the sleep bay.

 Bed sheets and blanket, pillow and pillowcase, towels and washcloths are provided. Bring a beach towel for water activities. Each



trainee will have an assigned locker. Please bring your own lock.

- Each sleep bay has sinks, private shower stalls and private toilets.
- Campers are housed by gender in separate sleep bays.

Meals

Breakfast, lunch and dinner are provided in a common dining area from the afternoon of arrival through graduation. At each meal, we offer a variety of foods to appeal to different preferences. Snacks and soft drinks are also available at various sites within the facility at the trainee's expense.

We try to accommodate trainees with special dietary requirements. If the requirement exceeds our capabilities, trainees can bring their own food and/or pay the additional cost of meeting those needs. Do not send food to camp with your child unless it is to accommodate special dietary needs. We do require advance notice if your child will be bringing food for this reason – please call the camp you are attending (Refer to camp phone listings on page 22).

SAMPLE MENU

Breakfast

Cold cereal, milk & juices Pancakes Biscuit & sausage Scrambled eggs Hash browns Fruit & bagels

Launch

Popcorn shrimp
Spaghetti casserole
Hamburgers & hot dogs
Pizza
Vegetarian stuffed peppers
Honey glazed carrots
Green bean casserole

Dinner

Lasagna w/meat Vegetarian lasagna Hamburgers & hot dogs Pizza Broccoli w/cheese sauce Baby carrots

Lunch desserts:

Assorted cakes, puddings, parfaits and Jello®

Dinner desserts: Assorted ice cream



How to Register

Reservations for all camp locations are made through our Reservations Center in Huntsville, Alabama.

We encourage you to register early for summer sessions.

To register, complete the attached application form and choose ONE of the following options:

IMPORTANT:

- Incomplete applications delay registration and may result in missing desired session date.
- We cannot accept reservations less than two weeks in advance of desired session date.

Telephone:

For Credit Card Purchases Only.
To register for SPACE CAMP, call
1-800-63 SPACE.
To register for AVIATION CHAIL

To register for AVIATION CHAL-LENGE, call 1-888-DOGFITE.

Have **completed** application form and credit card handy. International calls:1-256-721-7150

FAX:

For Credit Card Purchases Only.
Fax **completed** application form to 256-890-3371. Make sure credit card information is complete.

Mail:

If paying by credit card, check or money order, mail **completed** application form with payment, including choices of session dates, to: U.S. SPACE CAMP Reservations, P.O. Box 070015, Huntsville, AL 35807-7015.

Sibling Discount

When more than one child from the same family with the same address attends any five-day program during the same session week, one child will attend at full tuition, and each additional child will receive a 10% discount. Sibling discounts are not available for Parent/Child or Pilot/Copilot programs **and** cannot be used with any other discount or special offer.

Gift Certificates

You may purchase a gift certificate for any camp program. When making your reservation, be sure to inform the agent that you'd like us to issue a gift certificate. Please allow 4-6 weeks for delivery.

Transfer Requests

All session transfer requests must be received no later than two weeks prior to scheduled session start date.

You may request one session transfer within a calendar year at no charge. Each additional transfer request will incur a \$25 charge.

A \$50 non-refundable transfer fee will be charged if you transfer from one year to another; you'll also incur the cost of any tuition increase (if applicable).

We reserve the right to cancel a session date if participation numbers are not adequate. You may select an alternative session date or you may request a full refund of tuition paid.

Waiting List

Summer and holiday sessions fill quickly. If your desired session date(s) is full at the time you register, you can be placed on our waiting list. **NOTE:** Each space on our waiting list requires full payment of tuition in advance. If a slot does open, we will notify you

by telephone no later than two weeks prior to session date. If you choose to cancel or if no openings become available, your waiting list reservation will be refunded at 100%.



A. Credit Card

- VISA MasterCard Discover
- American Express

You may pay by credit card when registering by phone, fax or mail. Be sure you have completed all the credit card information on the application form.

B. Check or Money Order

If you are registering by mail and wish to pay by check or money order, please include the full amount payable to: U.S. Space & Rocket Center.

Refund/Cancellation Policy

In the event you must cancel your reservation, you will receive a refund as defined below:

- Cancellation notice must be submitted in writing.
- Refund will be issued in the same manner payment was made.
- 90% of fuition paid will be refunded if written notice is received no later than eight weeks prior to session start date.
- 75% of tuition paid will be refunded if written notice is received four to seven weeks prior to session start date.
- Cancellations received within four weeks of session start date forfeit full tuition.

Requests for cancellation due to illness or accident require a written physician's verification; upon receipt of verification, we will issue a full refund. Trainees who leave during a session for other reasons (homesickness, etc.) will not receive a refund.



CONFIRMATION PACKAGE

Within four weeks after your registration has been processed, you will receive a Confirmation Package which includes a comprehensive booklet to help you prepare for camp, along with the following forms which must be completed and returned prior to arrival at camp:

- Transportation Form (If someone other than parent is picking up camper, please provide name where requested.)
- Health Form (requires a physician or nurse practitioner signature)
- Scuba Medical Release/Scuba Waiver & Release Agreement (ADVANCED ACADEMY only. A physician's signature is mandatory.)
- Photo/Video/Film Release Form

Your reservation is not complete until we have received all of your completed forms. IMPORTANT: Your child cannot begin the program without a completed health form on file.

TRAVEL INFORMATION

Transportation Form

Your Confirmation Package will include a transportation form which **must** be completed and returned as soon as possible **even if you are driving.** Prompt return of this form ensures that personnel are available to assist with arrival and airport transfers.

If we do not receive this form, we will assume you are arriving by car and do not require personnel to meet your plane or bus.

Transportation Fees

If we are to pick up and/or return your child to the airport, we do require a transportation fee. This fee is the same whether you require roundtrip or one-way transportation. ONLY AVIATION CHALLENGE California offers a one-way rate.

Airport transportation is provided **EXCLUSIVELY** to and from the airports listed below. We **DO NOT** pick up from any other airport:

Alabama

SPACE CAMP or AVIATION CHALLENGE Huntsville International Airport Transportation fee - \$15

California*

SPACE CAMP
San Jose International Airport
Transportation fee - \$25

AVIATION CHALLENGE Fresno Yosemite Int'l Airport Transportation fee - \$50 round-trip Transportation fee - \$25 one-way

*We do not provide transportation between SPACE CAMP California and AVIATION CHALLENGE California.

Florida

SPACE CAMP
Orlando International Airport
Transportation fee - \$35

Transportation fees vary due to the distance between each camp location and its corresponding airport.

Airline Travel

Do not make your airline reservations until you have a confirmed session date.

When you are making flight plans, book the departing flight after 2 p.m. on Friday UNLESS you are attending ADVANCED SPACE ACADEMY. Book ADVANCED SPACE ACADEMY departing flight after 6 p.m. on Friday.

If you need assistance with your travel arrangements, contact SPACE CAMP's travel agency, Sterling Travel, at 1-800-241-5106 between 8 a.m. and 10 p.m. Central Time Monday-Friday.



If you make your arrangements through Sterling Travel, they can take care of any itinerary changes or emergencies. Sterling cannot make changes to arrangements made by another agency or airline. We issue electronic tickets whenever possible — you will receive two copies of the itinerary/invoice along with the original passenger receipt. We strongly recommend you confirm your airline reservations directly with your airline 7-14 days prior to your date of departure.

When making your reservation through Sterling Travel, please have the following information available:

- · Program session dates
- Program attending (SPACE CAMP, SPACE ACADEMY, etc.)
- City you will be flying from
- City you will be flying into Huntsville, AL; Orlando, FL; San Jose, CA; Fresno, CA)
- Credit card number and expiration date

▲ Delta Air Lines

As the official airline of U.S. SPACE CAMP, Delta Air Lines offers:

- 10% discount for tickets purchased 60 days in advance
- 5% discount for reservations made 30-59 days prior to travel
- Zone Fares with no Saturday night stay
- Waives the return unaccompanied minor fee for SPACE CAMP attendees (fee applies one-way from originating city only)

Delta Air Lines discounts are available through Sterling Travel. If you'd like to make your airline reservations directly through Delta be sure to refer to file number 116886A to receive your discount.

IMPORTANT

All airlines require Unaccompanied Minor (UM) service for children under 11. Fees vary by airline and are subject to change without notice. Your travel agency cannot make a UM reservation for you; however, they can notify the airline that you will be requesting this service. UM fees are your responsibility and are payable to the airline at the ticket counter. Airlines also offer a complimentary meet and assist program for children over 11.

ARRIVAL AT SPACE CAMP

Trainees arriving via air are greeted at the airport by uniformed camp personnel and transported by bus or van to the Training Center. Staff members collect airline tickets and re-confirm return flights. Upon check-in at camp, all students are encouraged to call home to let parents/guardians know they have arrived safely.

Early Arrival/Late Departure Program

Not available for Adult or Parent/ Child Programs

If travel schedule requires early arrival or late departure, a planned and supervised program, including all meals and lodging, is available for an additional \$79 per day.

- Arrivals should be scheduled no earlier than 2 p.m. the day prior to session start date.
- Departures should be scheduled no later than 12 noon the day after graduation.

MERCHANDISE

Optional flight suits and clothing are available for the camp programs. If you choose to order any clothing, your child will receive it while he is at camp.

SPACE CAMP Video Alabama & Florida ONLY

Order a video of your Alabama or Florida five-day SPACE CAMP experience.

Videos are not available for SPACE ACADEMY, ADVANCED SPACE ACADEMY, PARENT/ CHILD or AVIATION CHALLENGE programs.

Please refer to page 25 for merchandise details and ordering information. Please allow 8-10 weeks* for delivery.

*May take longer during summer months

Spending Money

Whether or not you send your child with spending money is a personal decision. All meals are included in the tuition. Spending money comes in handy for snacks or drinks from commercial vending machines located throughout each facility, as well as for purchasing items in our gift shops.

Should you decide to send spending money, we strongly recommend all trainees attending the youth programs exchange their cash for Space Traveler's Checks (Shuttle Bucks in Alabama: Space Bucks in Florida and California: Bomber Bucks at AVIATION CHALLENGE in California). U.S. SPACE CAMP and AVIATION CHALLENGE assume no liability for lost cash. Space Traveler's Checks may be purchased with cash or check ONLY (payable to U.S. SPACE CAMP) and ONLY at registration. Trainees will be able to convert unused Space Traveler's Checks back to cash at the end of their camp session.

BOY SCOUT MERIT BADGES

Scouts attending SPACE CAMP, SPACE ACADEMY or ADVANCED SPACE ACADEMY qualify for the Space Exploration merit badge and should bring a blue merit badge card to camp to turn in at check-in.

Scouts attending AVIATION CHALLENGE will complete all requirements for the Aviation merit badge and should bring a blue merit badge card to camp to turn in at check-in. AVIATION CHALLENGE also offers partial completion of the First-Aid, Fire Safety and Wilderness Survival merit badges. Scouts will receive a form letter indicating which requirements have been completed for each of these merit badges.



Camp Check-In

Check-in takes place on site at the camp you have selected on the first day of your child's session. We strongly recommend that you send a copy of all completed forms with your child. For registration times, please refer to page 13 for SPACE CAMP and page 31 for AVIATION CHALLENGE.

Visiting the Trainee

We understand that you will miss your child while he or she is attending our program. However, we discourage visits while camp is in session so that your child may have a true "away-from-home" experience. We do encourage parents to attend graduation ceremonies, and, of course, will make special arrangements for visitation in case of family emergencies.

Telephone Calls

Trainees cannot receive personal phone calls during their session unless it is an emergency. Your child will have the opportunity to call home in the evenings via collect call or calling card (schedule permitting). You may not hear from your child every day. Make sure

he/she has phone numbers where family members can be reached at all times. Also make sure that he/ she knows how to call collect or use a calling card.

All facilities are TDD/TTY accessible for the hearing impaired.

Graduation

A formal graduation ceremony is held on site at the camp your child attends on the last day of the session. Family members are invited to attend. For a schedule of graduation times, please see page 13 for SPACE CAMP and page 31 for AVIATION CHALLENGE.



PRINCIPAL PARTNERS

AlliedSignal Inc.
The Boeing Company
The Coca-Cola Company
Delta Air Lines
LG Electronics Service
Lockheed Martin Corporation
McDonnell Douglas Foundation
NASA

Northrop Grumman Corporation Rockwell International Corporation Teledyne Brown Engineering Thiokol Propulsion TRW Inc.

Wyle Laboratories, Inc.

The above corporations are partners of the U.S. Space & Rocket Center and/or U.S. SPACE CAMP® and its associated programs. The Center acknowledges the significant support of its educational activities by these and other contributors.

CAMP PHONE LISTINGS

Alabama

SPACE CAMP or AVIATION CHALLENGE

24-Hour Operator 256-837-3400 Fax 256-890-3371 or 256-837-6137 Medical Staff 256-721-7162 Dietary Staff 256-721-7138

California

 SPACE CAMP in Mountain View

 24-Hour Operator
 650-603-8902

 Fax
 650-603-8919

 Medical Staff
 650-603-8910

 Dietary Staff
 650-603-8909

Camper E-Mail address campermail.ca@spacecamp.com (specify camper's name at subject)

AVIATION CHALLENGE

in Atwater

24-Hour Operator 209-726-0156 Fax 209-726-0216 Medical Staff 209-726-0168 Dietary Staff 209-726-0187

Camper E-Mail address dolores@aviationchallenge.net (specify camper's name at subject)

Florida

Camper E-Mail address campermail.fl@spacecamp.com (specify camper's name at subject)



SAMPLE SCHEDULES*

SPACE CAMP®

6:30	Wake up and prepare for day
8:00	Breakfast
9:00	1/6th Gravity Chair &
	Apollo History
10:00	Mission Training
11:00	Mission Script Rehearsal
12:00PM	Large Space Structure
	Introduction
1:00	Lunch
2:00	Hydroponics Lab
3:00	Rocket Construction
4:00	Multi-Axis Trainer
5:00	Shuttle Orientation Briefing
6:00	Dinner
7:00	Shuttle to Tomorrow Exhibit
8:00	Strange Science
9:00	Prepare for bed
10:00	Lights out

AVIATION CHALLENGE®

6:30AM Wake up and prepare for day

7:00	Breakfast
8:00	Land Survival Training
9:00	Flight Briefing
10:00	Flight Simulator Training
12:00PM	Flight Debriefing
12:30	Lunch
1:30	Centrifuge
2:00	Mission Pre-brief
2:30	Practice Mission
4:00	Mission Debrief
4:30	Water Survival Training
6:00	Dinner
7:00	Aircraft Construction
8:00	Escape and Evasion
9:00	Taps
10:00	Lights out

*These are sample schedules only. Actual schedules and activities will vary based on program level, program location, weather conditions and other factors.

Session date			a account number nere.	
MPORTANT: Incomplete applications delay nake sure credit card information is complete.				
Complete below for youth Please mak	n programs only. A ke photocopies of a			age 24.
CHECK PROGRAM SPACE CAMP SPACE ACADEMY Advanced SPACE ACADEMY Indicate desired track option in session date preferences below Brightest Stars SPACE CAMP AVIATION CHALLENGE MACH I MACH II MACH III	□ AL □	A □ FL Only Only	A MANAGEMENT CONTROL OF THE PROPERTY AND ADDRESS.	GRADE ATTENDING 9 10 11 12
P.O. Box 070015, Huntsville,		Tranquility Base		
APPLICANT INFORMAT	TION		ORDER FORM	
NameLast First Address Zip Cod Sex Date of Birth Age (at time of camp) Home phone ()	e	SPACE CAM Size: C Size: F *Plus applical CHALLENGE TRANSPOR ALAB, CALIF CALIF CALIF (RC (O FLOR EARLY ARI LATE DEPA SPACE CAM ALAB, FLOR	CLOTHING: \$75* each (property) In Space Academy In Space Camp I	AVIATION CHALLENGE
SESSION DATE PREFERE Sessions fill rapidly. In order to expedite your application date options. 1st choice 2nd choice 3rd choice ADVANCED SPACE ACADEMY track options: Indicate 1st, 3rd choice. Pilot Mission Specialist Payloa	n, please give us three	EXPIRATION I Signature Rec Please print appears on ci	DATE///quired	
In case my choices are full, please put me on a wa			FOR OFFICE USE O REGISTRATION STA	NLY ATUS
(See page 19 for details on waiting	list policy)	Session (Date)	Waiting List	Transferred

	t/Child applications only. Youth application on page 23. copies of all documents before sending.
CHECK PROGRAM Parent/Child SPACE CAMP SPACE ACADEMY for Adults Advanced SPACE ACADEMY for Adult (Indicate desired track option in session date present of the session desired track option in SPACE ACADEMY for Educators Pilot/Copilot AVIATION CHALLE AVIATION CHALLE	references below) AL FL NGE AL CA
P.O. Box 070015, Huntsville, AL 3580	th full payment to: U.S. SPACE CAMP, 2000 Reservations 7-7015 or One Tranquility Base, Huntsville, Alabama 35805-3399 7223 · Fax 256-890-3371 · www.spacecamp.com
APPLICANT INFORMATION PLEASE PRINT	ORDER FORW
	TUITION \$
Adult Name	OPTIONAL CLOTHING: \$75* each (page 25) ☐ SPACE CAMP ☐ SPACE ACADEMY ☐ AVIATION CHALLENG Size: Clothing Set Quantity: @ \$ 75*
	ddle Size: Flight Suit Quantity:@ \$ 75*
Child's Age Date of birth	"Plus applicable sales tax (SPACE CAMP California 8.25%; AVIATION
Sex Grade Attending	
Address	TRANSPORTATION FEES (To and from airport)
City	
State Zip Code	CALIFORNIA AVIATION CHALLENGE
Home phone ()	(Kodridali) \$ 30
Business phone ()	FLORIDA \$ 25
FAX ()	
E-Mail AddressName Tag(s)Name(s) for Name Tag(s)	TOTAL
Parent/Guardian	
Teammate Preference	Creek of Moriey order
SESSION DATE PREFERENCES Sessions fill rapidly. In order to expedite your application, please give us three date options.	EXPIRATION DATE/
1st choice	Signature Required Please print name as it appears on credit card
2nd choice	Billing Address (if different from above)
3rd choice	
ADVANCED SPACE ACADEMY track options: Indicate 1st, 2nd and 3rd choice.	¥

AUTHENTIC GEAR

Clothing Package \$75.00

We've combined our most popular clothing into one complete package! Tops are customized with the logo from your camp program.*

Youth sizes L Adult sizes S-XXL SPACE ACADEMY

SPACE CAMP

Adult sizes S-XXL

AVIATION CHALLENGE Youth sizes L

Adult sizes S-XXL

Set includes one each of the following: T-shirt, Shorts, Sweat Shirt. Sweat Pants. **Duffle Bag**



The official flight suit of SPACE CAMP®, SPACE ACADEMY® and AVIATION CHALLENGE®. These authentic-looking flight suits are representative of what real astronauts and jet fighter pilots wear. The light blue camp suit comes with official SPACE CAMP and NASA patches. The olive drab AVIATION CHALLENGE suit also has official patches. All suits come with a customized leather name tag.

FLIGHT SUIT Youth sizes 10-20

Adult sizes S-XXL

*Merchandise shown features the Alabama camp logos. In the event a style shown is not available, a comparable item will be substituted.

CAMP GIFT SHOPS

Alabama 256-721-7116

SPACE CAMP California 650-603-8912

AVIATION CHALLENGE California 209-726-0156, ext. 20

Florida 407-269-6101, ext. 6105

SPACE CAMP Video \$30

Order a 30-minute video of the Alabama or Florida SPACE CAMP experience! (Videos are not available for SPACE ACADEMY, ADVANCED SPACE ACADEMY, PARENT/CHILD or AVIATION CHALLENGE programs.)

Alabama

Features footage from team shuttle mission and the graduation ceremony.

Florida

Florida's video features highlights of camp

activities, including your team's Space Station Presentation and the graduation ceremony.

To place your order, complete the SPACE CAMP video line on the order form portion of the application or indicate you'd like a video when registering by phone. Please allow 8-10 weeks* for delivery after your camp session.

*May take longer during summer months.



5-Day Program Tuition \$699

Alabama & California

Ages 9*-11

*Nine year olds must be currently attending or have completed the 4th grade

Cutting-Edge Simulation Technology

Solo in your jet simulator. Learn the basics of flight, wilderness survival

and teamwork. Just like it's done every day at fighter squadrons across the United States. It's five

days of nonstop excitement in our MACH I program.

air engagements against other teams. The ultimate test comes during your final airto-air competitions to determine who wins the coveted "Top Gun" award.

BRITEFING

Learn what makes an airplane fly. You'll aet hands-on training in aerody-

namics, propulsion, aeronautics, helicopters and more. You also will experience the thrill of sitting

> inside a real jet fighter and learning about its combat history. And you'll find out what flying does to the human body and why fighter pilots must be in top physical condition.

LAND AND WATER SUR-VIVAL

When the time comes to "bail out," you'll be ready. At AVIATION CHAL-LENGE, you will learn what it takes for real pilots to survive on both land and water. From safe and controlled exercises, you'll learn the basics of

navigation, escape and evasion, signaling, firecraft, shelter building, life raft procedures, aircraft evacuation and more.

BOY SCOUTS

You will complete all requirements for the Aviation merit badge while at AVIATION CHALLENGE. In addition, you will partially complete requirements for the Fire Safety, First Aid and Wilderness Survival merit badges. See page 21 for more

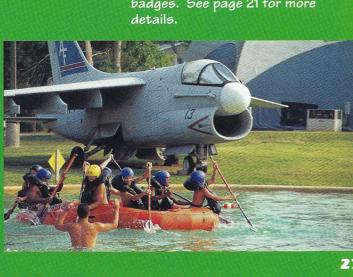
FLIGHT TRAINING

Experience the excitement of learning to fly a high-performance jet simulator. In

pre-mission briefings, you and your teammates will learn what it takes to put an aircraft through all the maneuvers

- airfield operations and air combat maneuvering. You will spend seven hours in the cockpit as a flight crew member, mastering the techniques of high performance flight. You will also experience the excitement of

simulated air-to-



5-DAY PROGRAM Tuition \$799

Alabama & California Ages 12-14

It takes a special person to fly jets. You must be cool under pressure, extremely focused, intelligent and confident about your abilities to get the job done.

If that sounds like you, then we've got the program for you - MACH II. Don't just dream about being a fighter pilot. Learn how to become one at AVIATION CHALLENGE.

MACH II is designed to let you take that first step towards your goal of becoming an Air Force, Army, Navy or Marine fighter pilot. Or maybe you just like the thought of learning the principles of flight and want to get a taste of the real thing. Whatever your interest level, we guarantee you'll be immersed in aviation and aeronautics for five full days.

FLIGHT TRAINING:

You'll learn what teamwork is all about as you engage in 7 hours of jet training simulation. You'll begin with a thorough

mission pre-brief - then it's time for flight in our new state-of-the-art

simulators. Experience basic flight instruction, including takeoffs and landings.

and navigation in the T-38 Talon simulator. Then move to the F-18 Hornet simulator for air combat training and missions against air and ground targets. Compete against

> other trainess for the coveted Top Gun award!

In addition you will learn the basics of aerodynamics. aeronautics. and propulsion as you check out our on-site aircraft. Ever

see a high-performance combat jet up close? You will at AVIATION CHAL-LENGE. What a great way to spend five days!

LAND AND WATER

SURVIVAL: Every skilled pilot has to be prepared for just about any emergency. At AVIATION CHALLENGE,

you'll learn the basics of water and land survival. Learn how to keep your cool while stranded at sea or lost in the woods. Find out where you are by using a compass and the Global Positioning System (GPS).

Once that's accomplished, it's time to build a good fire. Depending on your situation, you may need to use it as a

source of heat or a signal for rescue during escape and evasion. Build your self-confidence. Learn what it takes to be a real fighter pilot. Our MACH II program is just waiting for you to take off and soar!



BOY SCOUTS

You will complete all requirements for the Aviation merit badge while at AVIATION CHALLENGE. In addition. you will partially complete requirements for the Fire Safety, First Aid and Wilderness Survival merit badges. See page 21 for more details.



5-Day Program Tuition \$899

Alabama & California Ages 15-18

Gutting-Edge Simulation Technology

MACHIII

It's five days of the ultimate rush! Are you up to the challenge? You'll be better prepared after seven hours aboard a supersonic jet fighter simu-

lator. MACH III is a pro-

gram designed for people
who want to take their
interest in jet fighters
to (literally) a higher
level. In addition to
learning the fundamentals of flying, you'll

progress through increasingly sophisticated simulator missions which will put your skills to the ultimate test. But MACH III is more than just simulator training. It's also about teamwork when you and your squadron work together to be top aviators. AVIATION CHALLENGE puts you one step closer to your dream of flying.

to advanced combat missions in our F-15 Eagle simulators. The realism of our state-of-the-art graphics and large screen projection will take your breath away!

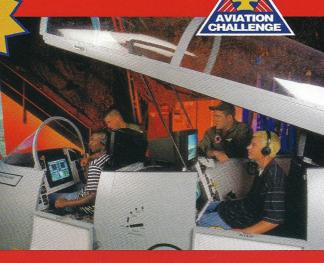
"Tally Ho" and fight's on. See how many air-to-air victories you can score over your opponents. Then prepare for the ultimate competition, the Red Flag exercise. This event combines flight, land and water activities and escape and evasion (E&E) tactics. Your individual abilities, as well as those of your teammates, are reflected in this realistic exercise.



Take a deep breath. You're about to slide 100 feet down a guide wire in a simulated parachute splashdown.
Once down, you'll have the chance to practice parachute disen-

tanglement techniques. You'll also test out the Helo Dunker and Helo Hoist activities while you're at the AVIATION CHAL-LENGE water survival area. Life raft training in both single and multiple-person rafts will round out your water training. Then

you'll spend time in the woods learning wilderness survival just like real fighter pilots.



PRINCIPLES OF FLIGHT:

Mission planning and execution are not complete without understanding the principles of flight, including aeronautics, aerodynamics, propulsion, flight physiology, aviation history and more. You won't learn these principles with your nose buried in a book. At MACH III, we demonstrate these principles by surrounding you with actual jet planes, such as the F-14 Tomcat, F-4 Phantom, AV-8 Harrier and SR-71 Blackbird. See the power and beauty of these machines up close and listen carefully as your



team leader provides you with intricate details about the engineering concept of each aircraft.

FLIGHT SIMULATORS AND COMPETITION:

Practice basic flight
maneuvers
and then
progress

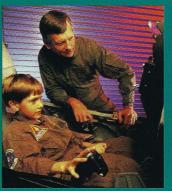
WEEKEND PROGRAMS

PILOT/COPILOT* Parent/Child Program Tuition: \$658/pair

Alabama & California

*Child must be 7-11 years old.

At AVIATION CHALLENGE, we don't just talk about "quality time," we practice it! Our PILOT/COPILOT program is the perfect setting for you and your child to get away and do something really special together. Maybe you've been on the road a lot and are looking for a

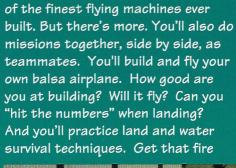


good way to reconnect with your son or daughter. Or maybe you want to share your love of aviation

with him or her and just have a great time. Whatever the reason, PILOT/COPILOT will bring you together in ways you haven't yet

discovered.

This weekend proaram combines the fun of simulated jet fighter pilot



training with guided tours of some



started. Where's the escape route from the Helo Dunker? PILOT/ COPILOT builds confidence in youngsters by encouraging them to try new things, meet new people and overcome challenges in a safe and positive environment. It also gives you the opportunity to be with your child – sharing, exploring and working

> together. Quality time doesn't have to be a concept. It's real in our PILOT/ COPILOT program.

Parent/child pairs are housed together in the same facility at both locations.

AVIATION CHALLENGE for Adults Tuition: \$350

California

Admit it. You've always wondered what it would be like to be a jet fighter pilot. Here's your chance.

> AVIATION CHALLENGE for Adults is the next best thing to real flying. We put you through the paces with prebriefings that bring you up to speed on the basics of aeronautics and aviation. followed by training in our realistic jet fighter simulators. Learn basic maneuvers of aerial engagement. AVIA-

TION CHALLENGE for Adults also teaches you land and water survival techniques, plus surrounds you with authentic military aircraft. We're talking some serious fun here. Of

course, no trainina would be complete without G-force training. Try our two-person centrifuge that makes your arms and legs



feel like lead as it spins you around with 3 G's of force.

MAKE YOUR RESERVATION TODAY!
1-800-63 SPACE

AVIATION CHALLENGE **Session Dates**



Aug 11-13

Aug 18-20

Aug 25-27

Sept 15-17

Sept 29-Oct 1

Sept 1-3

Oct 6-8

Oct 20-22

Nov 10-12

Nov 24-26

Dec 8-10

Dec 15-17

Dec 29-31

AVIATION CHALLENGE® Mach I

Alabama, Ages 9-11

Dec 27-April 16-21 Jan 1, 2000 April 23-28 Feb 13-18 May 7-12 Feb 27-Mar 3 May 14-19 Mar 5-10 June 4-9 Mar 12-17 June 11-16 Mar 19-24 June 18-23 Mar 26-31 June 25-30 April 2-7 July 2-7 April 9-14 July 9-14

July 16-21 July 23-28 July 30-Aug 4 Aug 6-11 Aug 13-18 Aug 20-25 Dec 27-Jan 1, 2001

AVIATION CHALLENGE® Mach II

Alabama, Ages 12-14

Jan 1, 2000 Feb 13-18 Feb 27-Mar 3 Mar 5-10 Mar 12-17 Mar 19-24 Mar 26-31 April 2-7 April 9-14

July 9-14 April 16-21 July 16-21 April 23-28 July 23-28 April 30-May 5 July 30-Aug 4 May 21-26 Aug 6-11 May 28-June 2 Aug 13-18 June 4-9 Aug 20-25 June 11-16 Dec 27-June 18-23 Jan 1, 2001 June 25-30 July 2-7

Pilot/CoPilot Alabama

Pilot/CoPilot

California

Oct 8-10, 1999

Nov 5-7

Mar 3-5

Dec 17-19

Mar 10-12

Mar 17-19

Mar 24-26

April 7-9

April 14-16

April 21-23

April 28-30

May 12-14

May 5-7

Mar 31-April 2

Oct 15-17, 1999 June 30-Aug 4-6 May 26-28 July 2 Aug 11-13 June 2-4 July 7-9 Aug 18-20 Aug 25-27 June 9-11 July 14-16 June 16-18 July 21-23 June 23-25 July 28-30

AVIATION CHALLENGE®

May 19-21

May 26-28

June 2-4

June 9-11

June 16-18

June 23-25

June 30-

July 2

July 14-16

July 21-23

July 28-30

Aug 4-6

July 7-9

AVIATION CHALLENGE®

AVIATION CHALLENGE® **AVIATION CHALLENGE®** Mach I

California, Ages 9-11 Sept 26-Oct 1, 1999 Oct 3-8 Oct 10-15 Oct 17-22 Oct 24-29 Oct 31-Nov 5 Nov 7-12 Nov 14-19 Dec 26-Dec 31, 1999 Feb 13-18 Feb 20-25 Feb 27-Mar 3 Mar 5-10 Mar 12-17

Mar 19-24

Mar 26-31

April 2-7

April 9-14 Aug 20-25 April 16-21 Sept 3-8 April 23-28 Sept 10-15 April 30-May 5 Sept 17-22 May 7-12 Sept 24-29 May 14-19 Oct 1-6 May 21-26 Oct 8-13 May 28-June 2 Oct 15-20 June 4-9 Oct 22-27 June 11-16 June 18-23 Oct 29-Nov 3 June 25-30 Nov 5-10 July 2-7 Nov 12-17 July 9-14 Nov 26- Dec 1 July 16-21 Dec 3-8 July 23-28 Dec 10-15 July 30-Aug 4 Dec 17-22 Aug 6-11 Dec 26-31 Aug 13-18

Mach II

California, Ages 12-14

SAME AS AVIATION CHALLENGE MACH I, CALIFORNIA

AVIATION CHALLENGE® Mach III

Alabama, Ages 15-18

Dec 27-Jan 1, 2000 Feb 13-18 Mar 12-17 Mar 19-24 Mar 26-31 April 2-7 April 23-28

June 4-9 June 11-16 June 18-23 June 25-30 July 2-7 July 9-14 July 16-21 July 23-28

July 30-Aug 4 Aug 6-11 Aug 13-18 Aug 20-25 Dec 27-Jan 1, 2001

AVIATION CHALLENGE® For Adults

California

Oct 1-3, 1999 May 12-14, 2000

AVIATION CHALLENGE® Mach III

California, Ages 15-18

SAME AS AVIATION CHALLENGE MACH I, CALIFORNIA

We reserve the right to cancel a session date if participation numbers are not adequate.

Graduation Registration

Central Time

AVIATION CHALLENGE Alabama

 AVIATION CHALLENGE (MACH I) (MACH II, III)

Pilot/Copilot

Camp

Sunday 12:30 - 2:00 PM Sunday 12:30 - 2:00 PM Friday 1:00 - 1:30 PM

Friday 9:00 AM† Friday 11:00 AM† Sunday 11:00 AM

Friday 10:00 AM

AVIATION CHALLENGE California

AVIATION CHALLENGE (MACH I, II, III)

Pilot/Copilot

Adult AVIATION CHALLENGE

Pacific Time

Sunday Noon - 2:00 PM Friday Noon - 2:00 PM

Friday Noon - 2:00 PM

Sunday 10:00 AM Sunday 10:00 AM

Doors will not open for registration until 12 noon.



ALABAMA · CALIFORNIA · FLORIDA

www.spacecamp.com www.dogfite.com

U.S. Space Camp Foundation One Tranquility Base Huntsville, Alabama 35805-3399

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