Look inside for:

- General Information
- Educator Support
- Careers Tours
- Educational Tourism & Custom Programs
- Aerospace Maker Project (AMP)
- STEAM Camp
- Family Activities
Dear Educator, Youth Group Leader, Institute of Flight Member, and Neighbor:

Welcome to the Institute of Flight Education Planning Guide for 2017. This guide provides detailed information focused on developing an inspiring, fun, and educational strategy for you to get the most out of your visit to the Future of Flight Aviation Center & Boeing Tour. Our goal is to help you plan a successful, meaningful, educational experience for your students, group, or family. The Institute of Flight education team understands your needs and offers a full portfolio of grade-level-appropriate, experiential curricula linked with STEAM (Science, Technology, Engineering, Art, and Mathematics) programs suitable for students in grades 3 – 12.

Powered by STEAM:

Our commitment to STEAM continues. When you see the STEAM letters next to a program, you can quickly understand what focus our education staff will emphasize. As an educator or group leader, you will be able to map out the best way to augment your group’s goals, through your selection of one or more of our educational offerings. We have established affordable fees and member rates and, as fundraising resources allow, we offer financial assistance upon request.

We look forward to being your aerospace education provider. If you have questions, ideas, or suggestions we look forward to hearing from you. Write to education@futureofflight.org or call 425-438-8100.

“Education is not the filling of a pail, but the lighting of a fire.” -- W. B. Yeats

Bonnie Hilory
Executive Director, x221

Brie Ducamp
Education Director, x243

Gus Posey
Family Engagement Manager, x231

Kyle Bates-Green
Education Coordinator, x220
WHO WE ARE

Entering our 12th year, Institute of Flight operates and manages the Future of Flight Aviation Center & Boeing Tour, and embraces the important role of stewardship in education, financial assistance, events, and exhibits.

Our Vision: Igniting passion for the future of aerospace.
Our Mission: Institute of Flight inspires and nurtures multi-generational local and global visitors through immersive hands-on exhibits, tours, and aerospace education experiences.

The Future of Flight Aviation Center & Boeing Tour is made possible through collaboration between The Boeing Company, Snohomish County, Paine Field Airport, and the 501(c)(3) nonprofit Institute of Flight, which operates the facility.

LOCATION, DIRECTIONS, HOURS, WEB SITE

THERE IS A MAP OR IMAGE HERE, BUT THE DESCRIPTION IS PROVIDED IN TEXT.

LOCATION:
25 miles north of Seattle at 8415 Paine Field Blvd., Mukilteo, WA 98275, on the northwest corner of Paine Field/Snohomish County Airport, next to Hilton Garden Inn.

DIRECTIONS:
From Interstate 5 North of SEATTLE or South of VANCOUVER, BC, take Exit 189 and head west on Highway 526. Turn left at the stoplight where Highway 526 intersects with 84th St. SW and Paine Field Boulevard. The entry drive will be on your left.

HOURS:
Open daily from 8:30 a.m. to 5:30 p.m., except for Thanksgiving, Christmas, and New Year’s Day. Boeing tours begin at 9 a.m. and are offered on the hour with the last tour time at 3 p.m. On Christmas Eve and New Year’s Eve, the Future of Flight closes at 1:30 p.m. with the last Boeing Tour at 11:00 a.m. For the most up-to-date tour times available call 1-800-464-1476. Check our web site for updated closures due to weather or events.

WEB SITE:
www.futureofflight.org
EDUCATOR SUPPORT

PROFESSIONAL DEVELOPMENT OFFERINGS

The Institute of Flight offers professional development (PD) opportunities on a variety of topics, including STEAM education, aerospace concepts, and instructional technology. Our Teacher Advisory Board approves workshops by our staff and considers offering PD submitted by other educators. Please email education@futureofflight.org for more information or to join our Teacher Advisory Board.

TEACHER ADVISORY BOARD (TAB)

This critical group provides informational opportunities for educators to get an in-depth look at the programs we offer, learning more about aerospace and STEAM topics and the tools needed to connect them with students. TAB meets three times a year, providing insights and informal assessments of Institute of Flight programs. If you are interested in joining, please contact the Education Director at education@futureofflight.org. We are always glad to welcome new participants.

EDUCATION PROGRAMS

All of the Institute of Flight's official Education Programs provide support for educators. The Careers Tours that we offer each include three pre-event activities and two post-event activities to prepare students for their interactive experience and connect that experience to academic goals and daily life. All careers tours are $350. Institute of Flight members save $30 per program, paying just $320.

EDUCATIONAL TOURISM & CUSTOM PROGRAMS

We are happy to assemble a custom program for you, combining a wide range of aerospace-themed workshops to meet your educational goals. Modifications can be made for the date, time, location, and content, according to your specific needs.

BUS PARKING

School buses can park in our main lot in the long spaces farthest from the runway fence. In some cases, education staff may advise another location. In all examples, our staff will meet you on your bus to provide a quick orientation and to provide some specific expectations.

SPECIAL ACCOMMODATIONS

When booking your program, please notify the registrar at registrar@futureofflight.org if anyone in your party will need special assistance, such as a wheelchair, interpretation, or a service animal. We will do our best to accommodate all guests.

FEES & FINANCIAL ASSISTANCE

Most educational programs are $350 per session, with a $30 discount for IF members. Programs must be booked at least two weeks in advance and all payments are due at time of booking unless alternate plans have been made. Please see the Financial Assistance Request form on page 15 if you need additional support to participate in our programs.
As a learning center focused on aviation and space, we view our role as supportive, with the focus on project-based learning aligned with STEAM. The chart below can help educators and parents identify age-appropriate programs as well as program cost and availability. The grade levels and availability are guidelines, and may be adjusted to meet your needs.

<table>
<thead>
<tr>
<th>Program</th>
<th>Grade Level</th>
<th>Availability</th>
<th>Fee</th>
<th>Program Alignment Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEAM Camp Level 1</td>
<td>2</td>
<td>Monday - Friday, 9:00 a.m. - 3:00 p.m., July - August (extended care available)</td>
<td>$350</td>
<td>SCIENCE - For programs dealing with the natural world, organic processes, and systems for rigorous experimentation.</td>
</tr>
<tr>
<td>STEAM Camp Level 2</td>
<td>2</td>
<td>Monday - Friday, 9:00 a.m. - 3:00 p.m., July - August (extended care available)</td>
<td>$350</td>
<td>TECHNOLOGY - These programs focus on new ideas, the latest tools, and being ready for a changing planet.</td>
</tr>
<tr>
<td>Aerospace Maker Project (AMP)</td>
<td>4</td>
<td>April - June, September - December</td>
<td>$350</td>
<td>ENGINEERING - The integration of systems, finding solutions to problems, and physical construction are emphasized.</td>
</tr>
<tr>
<td>Aerospace Manufacturing Careers Tour Level 1</td>
<td>5</td>
<td>Monday - Friday (contact us for specific dates and times)</td>
<td>$350</td>
<td>ARTS - Programs that encourage creativity, personal expression, and novel thinking, and their integration within a larger model.</td>
</tr>
<tr>
<td>Aerospace Manufacturing Careers Tour Level 2</td>
<td>6</td>
<td>Monday - Friday (contact us for specific dates and times)</td>
<td>$350</td>
<td>MATHEMATICS - This icon suggests a more rigorous program designed to help participants practice math concepts.</td>
</tr>
<tr>
<td>Boeing Careers Tour Level 1</td>
<td>7</td>
<td>Tuesday, Wednesday, 8:30 a.m. - 11:30 a.m., October - April</td>
<td>$350</td>
<td>21st-CENTURY SKILLS - These programs explore the training and methods used in the modern workplace.</td>
</tr>
<tr>
<td>Boeing Careers Tour Level 2</td>
<td>8</td>
<td>Tuesday, Wednesday, 8:30 a.m. - 11:30 a.m., October - April</td>
<td>$350</td>
<td>CAREERS - Programs that provide a look ahead at potential jobs, skills, and career tracks in aerospace and related fields.</td>
</tr>
<tr>
<td>Barry Smith's Gliding Into Innovation</td>
<td>9</td>
<td>Monday, Thursday, Friday</td>
<td>$350</td>
<td>Look for these symbols next to program descriptions to better align your educational program.</td>
</tr>
<tr>
<td>Xenoplanes</td>
<td>10</td>
<td>Monday, Tuesday, Wednesday, Thursday</td>
<td>$350</td>
<td>Camp Programs</td>
</tr>
<tr>
<td>Drone Zone</td>
<td>11</td>
<td>Monday, Tuesday, Wednesday, Thursday</td>
<td>$350</td>
<td>Careers Tours</td>
</tr>
<tr>
<td>Folded Flight</td>
<td>12</td>
<td>Monday, Tuesday, Wednesday, Thursday</td>
<td>$350</td>
<td>Custom Programs</td>
</tr>
<tr>
<td>3D Printing Workshop</td>
<td>13</td>
<td>Monday, Thursday, Friday</td>
<td>$350</td>
<td>Family Programs</td>
</tr>
<tr>
<td>Robotics</td>
<td>14</td>
<td>Monday, Tuesday, Wednesday, Thursday</td>
<td>$350</td>
<td></td>
</tr>
<tr>
<td>Maker Mondays</td>
<td>15</td>
<td>Monday, 1:00 p.m. - 5:00 p.m.</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td>Maker Workshops</td>
<td>16</td>
<td>Saturday, 11:30 a.m. - 2:30 p.m.</td>
<td>$15</td>
<td></td>
</tr>
<tr>
<td>Weekend Family Workshops</td>
<td>17</td>
<td>Saturday, Sunday, 10:00 a.m. - 11:30 a.m. &amp; 1:30 p.m. - 3:00 p.m.</td>
<td>FREE</td>
<td></td>
</tr>
</tbody>
</table>
EDUCATIONAL CAREERS TOURS
Our educational tours focus on pathways to careers in local businesses. They include three pre- and two post-event activities for participating groups. Each tour is differentiated into two levels of complexity: Level 1 is appropriate for learners in grades 5-8 and Level 2 is aimed at high school students. All Educational Careers Tours are $350. Save $30 with an Institute of Flight membership.

AEROSPACE MANUFACTURING CAREERS TOURS

These tours will show you the specific methods local manufacturers and suppliers use to produce engineered components for a wide range of applications. With collaboration from a number of manufacturers in the area, these tours help students see alternate career pathways, explore new technology, and engage in interactive activities that help develop new skills. The tour design, dates, hands-on experiences, and security requirements are determined by the manufacturers and may be subject to change.

BOEING CAREERS TOURS

The Boeing Careers Tour allows participants a chance to explore the Everett factory, looking at the remarkable tools and technology Boeing uses through the lens of career exploration. This tour includes the 747, 777, and 787 observation areas, as well as career insights from Boeing staff and a special presentation for students. Boeing Careers Tours are only available on Tuesday and Wednesday, from October to April. Program activities begin at 8:30 a.m.

BOEING FACTORY TOUR

Public tours of Boeing’s Everett factory are available seven days a week. The Everett facility is home to the 747, 767, 777 and 787 Dreamliner production lines and is the world’s largest building by volume. Visitors will see airplanes being built for Boeing’s worldwide base of airline customers. For more information, or to reserve your tickets, please call 800-464-1476 or visit futureofflight.org.
All of our custom programs can be adapted to meet your group’s needs. We establish a discovery call, discuss your hopes and dreams, your budget and goals, and we will present a plan for your consideration. Once approved, we require a memorandum of understanding agreement to be completed and 30 days of advance planning. All programs are required to be pre-paid to secure your reservation.

**3D PRINTING WORKSHOP**

This Makerspace workshop gives your group a crash course in drawing objects in 3D software and operating our 3D printers. The skills learned are universal to most 3D printers, including those typically found in schools and homes. The lesson is designed for novices to start with zero previous knowledge, but experienced groups will be able to advance to more complicated objects. Each participant will see the workflow used by engineers creating prototypes with 3D printing, and have the opportunity to walk away with a 3D printed object of their own design.

**DRONE ZONE**

This program allows your group to explore this fast-growing technology segment, experimenting with four drone-themed stations. As they rotate through the program, students will have a chance to try a quiz game, do some practice flying (including precision landings) and exploring with a camera-equipped rover, all while documenting the experience with the drones’ cameras and other tools. For a higher-level experience, this program can be modified to include programming and other custom components, according to your educational goals.

**FOLDED FLIGHT**

The Folded Flight workshop provides participants with some general knowledge about the science of flight while also offering specific tips on how to make better paper airplanes. Participants will have a chance to explore as many as five distinct designs that each show a different aspect of aviation science and technology.

**GLIDING INTO INNOVATION**

Named for the founding executive director of the Future of Flight Aviation Center & Boeing Tour, the Barry Smith Gliding Into Innovation activities teach naturally-evolved methods of flight, the forces of flight, the concept of fluid pressure, prototyping and testing ideas, working in groups, recording and presenting your work, and more. An Institute of Flight educator may visit your site to begin the program, provide you with curriculum materials and glider construction supplies, or schedule a culminating event as a field trip to the Future of Flight or at your location.
EDUCATIONAL TOURISM & CUSTOM PROGRAMS

ROBOTICS

This workshop teaches the basics of robotics and the engineering of simple machines, including extraterrestrial rovers. Students start off with a challenge and a collection of parts that can be assembled in thousands of combinations, allowing them to put forth the solution they view as ideal. This program is scalable and can also include simple programming and other topics.

XENOPLANES

This artistic program gets participants thinking about how the science of flight might work on other planets by asking students to solve problems and design solutions for four challenging environments. Specifically, the groups will focus on Venus, Mars, Saturn’s moon Titan, and the exoplanets, those planets currently being discovered outside our Solar System. At the end of the program, each group will present their materials to the larger group, sharing their knowledge and, hopefully, planting the seeds of future exploration.

CUSTOM PROGRAMS

For groups visiting from other parts of the world, the Institute of Flight is ideally situated to provide programs that feature exciting technology, new manufacturing techniques, and custom experiences ranging from three hours to three weeks. Customers who book with us benefit from our partnerships with local hotels, restaurants, and other tour-centered providers. A signed contract is required in advance of your scheduled program date.

Book with our registrar from 7:00 - 9:00 a.m. at 425-438-8100 x245.
AMP is a challenging course for high school students interested in manufacturing, materials science, design, maker technology, or 3D printing. Student-makers in AMP work alone and in teams to earn college credit. They use the skills they learn to create physical objects and a final presentation that answers the central question “How are aircraft made?” The class involves both on-site instruction and remote submission of work to our social platform. This allows students to create a portfolio of their progress, share things with other students, and get feedback from the instructor before they turn in their final assignments. AMP is accredited by the University of Washington Bothell for 2 mechanical engineering credits and is supported by NSF grant #1322512.

- AMP enrollment is $350. Members save $30.
- 2017 sessions run April 1 - June 30 and September 16 - December 16.
- Contact makers@futureofflight.org to sign up or for more information.

http://futureofflight.org/AMP
STEAM CAMP 2017

STEAM CAMP

Due to popular demand, the Institute of Flight has expanded to serve two age bands of students. Students entering grades 3 - 5 focus on elementary essentials. Students in grades 6 - 8 will participate in intermediate and advanced activities relating to each week’s theme. Topics of high interest focus the activity in each week of STEAM Camp 2017, encouraging students to incorporate skills and content knowledge from across science, technology, engineering, arts, and mathematics. The Institute of Flight has added three weeks to STEAM Camp to cover more requested topics, as well as to support families who would like to provide a consistent routine for their children throughout the summer.

STEAM CAMP RULES & INFORMATION

The Institute of Flight STEAM Camp program is designed to be fun, inclusive, and educational. To meet those goals, parents and campers can plan ahead using the following guidelines:

- **STEAM Camp sessions are $350. Members save $30 per session.**
- **Extended care is $50 per camper, per session.**
- **Campers need to bring a non-refrigerated lunch.**
- **While we can provide extra support and make efforts at peer-awareness, this facility is not a hypo-allergenic environment and we cannot guarantee the absence of nuts, fruits, or other foods.**
- **Parents who choose extended care as an option must supply drop-off and pick-up times.**
- **Mean-spirited behavior such as racism, sexism, or the endorsement of violent behavior will not be tolerated. Campers who cannot meet this requirement will be asked to go home.**
- **All payments are due upon registration in order to secure a space in the session.**
- **Once booked, changing sessions or canceling registration will incur a $25 fee. If the registration is cancelled within two weeks of the session, refunds will not be available.**
- **The Institute of Flight is committed to ensuring that no child will be denied participation in our programs due to financial burden. If you are unable to pay, please consider applying for financial assistance using the form on page 15, and we will do our best to accommodate your needs, so long as funding is available.**

https://camps.futureofflight.org

For more information, please call 425-438-8100 x245.
STEAM CAMP SESSIONS

<table>
<thead>
<tr>
<th>Session</th>
<th>Grades 3 - 5</th>
<th>Grades 6 - 8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Drone Zone Training Academy</strong></td>
<td>August 14 - 18</td>
<td>August 21 - 25</td>
</tr>
<tr>
<td><strong>Fundamentals of Flight</strong></td>
<td>July 3 - 7</td>
<td>July 10 - 14</td>
</tr>
<tr>
<td><strong>Into the Black - The Wonders of Space</strong></td>
<td>July 17 - 21</td>
<td>July 24 - 28</td>
</tr>
<tr>
<td><strong>Materials Science &amp; 3D Printing</strong></td>
<td>July 10 - 14</td>
<td>July 3 - 7</td>
</tr>
<tr>
<td><strong>Organic Flight &amp; Biomimicry</strong></td>
<td>July 31 - August 4</td>
<td>August 7 - 11</td>
</tr>
<tr>
<td><strong>Programming &amp; Game Design</strong></td>
<td>August 21 - 25</td>
<td>August 14 - 18</td>
</tr>
<tr>
<td><strong>Robot Overlords</strong></td>
<td>August 7 - 11</td>
<td>July 31 - August 4</td>
</tr>
<tr>
<td><strong>Space Gear</strong></td>
<td>July 24 - 28</td>
<td>July 17 - 21</td>
</tr>
</tbody>
</table>

**DRONE ZONE TRAINING ACADEMY**
The Institute of Flight is excited to offer new ways for the public to interact with drones and other unmanned vehicles. This highly-engaging summer session includes practice flights, precision landings, and drone maintenance.

**FUNDAMENTALS OF FLIGHT**
This session focuses on the science of flight and the reasons flying machines work the way they do. Participants will have a chance to try their own designs as they compete for fun, prizes, and the satisfaction that only good flying can bring.

**INTO THE BLACK: THE WONDERS OF SPACE**
Campers will work in teams to solve problems, while learning about space and their own goals for exploration. Whether it's building a unique rocket or charting an exoplanet, this program is a great way to remind young people to reach for the stars.

**MATERIALS SCIENCE & 3D PRINTING**
As part of a larger discussion about material composition, strength, and application, participants can try their hand at building a digital 3D model and then turning it into a physical object. This program focuses on iterative design, additive manufacturing, and skills for the next century.

**ORGANIC FLIGHT & BIOMIMICRY**
From bats to moths, natural flight can show us a lot about how flying things work and how to make our own airborne inventions work better. This session will focus on both the evolution of natural flight and its influence on human invention and technology.

**PROGRAMMING & GAME DESIGN**
Using Scratch and other programming tools, participants will have a chance to develop animations, games, and even simulations, all while exploring the fundamentals of machine language.

**ROBOT OVERLORDS**
This session will focus on basic engineering, as well as gears, simple circuits, and programming. For robot fans, this is a great opportunity to try some new designs, but it's also a great way for new learners to start down this important path.

**SPACE GEAR**
This program offers participants a chance to design their own spacesuit (including built-in electronics) and augment it with mission patches. Whether planning for Halloween or preparing for the next mission, this is a great program for creative campers.
FAMILY ACTIVITIES

WEEKEND FAMILY WORKSHOPS

Did you know the Institute of Flight has weekend programs for kids of all ages? Every Saturday and Sunday, from 10:00 to 11:30 a.m. and from 1:30 to 3:00 p.m., our Education staff offers fun, informative, hands-on workshops. Families can work together on several excellent paper airplane designs, experiment with robotics, or make a Bernoulli mask, among other projects. Admission is free for members and ticket-holders. Children must be accompanied by an adult.

MAKER MONDAYS

This workshop, open to walk-ins, is an excellent way to learn how a 3D printer works and to try drawing objects in 3D for the first time. Come check out examples of 3D-printed objects that can't be made by machining or molding, and try printing your own unique object. Advanced users can bring in an STL file and we will prepare it for printing. If you decide to run a time-intensive print, we can arrange to have your print waiting at the front desk for pickup. Maker Mondays are every Monday from 1:00 p.m. – 5:00 p.m., free to members, and cost $5 for Aerospace Gallery or Boeing Tour ticket-holders. Printing costs $1.50 per printed gram. To schedule time to use our vinyl cutters, or for questions about the Makerspace, email makers@futureofflight.org.

MAKER WORKSHOPS

During these three-hour workshops our instructors will guide you through a project, teaching a new maker skill each month. For example, digital die cutters are used to make pop-up cards, or airplanes are made using 3D pens. These workshops are open to the public, but space is limited. Maker Workshops take place every Saturday from 11:30 a.m. – 2:30 p.m. Please visit our web site for an updated project calendar or to reserve your spot. Workshop space is $5 for members and $15 for all others, with material prices varying by month.
The Aerospace Gallery is divided into nine sections: Family Zone, Photo, Materials Science, Propulsion, Systems, Passenger, Space, Destiny Module (temporary exhibit), and Eco, each offering its own insights into aerospace technology.

PASSENGER EXPERIENCE RESEARCH CENTER (PERC)

In the Passenger Experience Research Center, you can learn about in-flight entertainment systems, and even shape the future of aircraft interiors. During the summer, guests take part in testing airplane interior features. During the school year, when testing is suspended, the PERC provides a novel classroom space for our educational programs. Thank you to The Boeing Company and Teague for their partnership in sharing this space.

MAKERSPACE

The Institute of Flight's 3D Makerspace, the first in Snohomish County, brings maker technology such as 3D printers, digital die-cutters, 3D scanners, and 3D pens to the Aerospace Gallery. With these tools, and computer stations for CAD modeling, we invite you to join us in making your ideas real.

FAMILY ZONE

The Family Zone is a great place for people of all ages to rest and explore. Visitors can experiment with fun and educational exhibits, including the Bernoulli Table and the NISE Network's Nano mini-exhibition. A miniature airport allows future pilots to practice their takeoffs and landings, and books and other activities are also available.

2017 SPECIAL EVENTS

Family STEAM Night: March 14
Summer Nights: June 16, July 21, August 18
Aviation Geek Fest: September 23 - 24
Soaring Into the Future Gala: October 14

For more information, please visit futureofflight.org/events
MEMBERSHIP

Get the most out of your education programs. Save money, participate in meaningful experiences, and more by becoming a member today!

Whether you are a student, educator, school administrator, or a family member, we have the right membership plan for you. Here are some of the benefits you can enjoy:

• Discounts on Institute of Flight education programs.
• Exclusive aerospace tours and special prices on Institute of Flight events for adults and kids.
• Free entry to Weekend Family Workshops, Maker Mondays, family-friendly Summer Nights, and other, member-exclusive events.
• $10 tickets for you and up to four guests per visit to attend the Boeing Factory Tour.

Learn more about membership and discounts at futureofflight.org/membership. Contact us at membership@futureofflight.org, or by calling 425-438-8100 x247.
RESERVATIONS, AVAILABILITY & SCHEDULING

Book with our registrar from 7:00 - 9:00 a.m. at 425-438-8100 x245. Advance notice helps us plan your visit, so we ask that all programs be booked at least two weeks before your arrival. For custom programs, a signed contract is required 45 days in advance of your scheduled program date.

• Boeing Careers Tours
• Aerospace Manufacturing Tours
• Financial Assistance
• Comments & Concerns
• Education Partnerships
• Family STEAM Night

Brie Ducamp
Education Director
Brie@futureofflight.org
425-438-8100 x243

STEAM Camp
• Weekend Family Workshops
• Xenoplanes
• Folded Flight
• Robotics
• Drones

Gus Posey
Family Engagement Manager
Gus@futureofflight.org
425-438-8100 x231

• Maker Mondays
• Maker Workshops
• Gliding Into Innovation
• Materials Science & 3D Printing Workshop
• Aerospace Maker Project (AMP)

Kyle Bates-Green
Education Coordinator
Kyle@futureoffflight.org
425-438-8100 x220

Perched at the edge of Paine Field, the Future of Flight Aviation Center features a unique venue for events of all kinds. The facility offers eight distinctive spaces to host everything from a ten-person awards ceremony to graduation for a thousand guests. The soaring spaces of the Grand Lobby invite students to an elegant homecoming or prom, while the fully-equipped conference rooms ensure productive meetings. Closer views of the Boeing Factory and the interactive exhibits in the Aerospace Gallery remind visitors of the importance of STEAM content and career-readiness. The outdoor Strato Deck delights visitors with its panoramic view that includes Mount Baker, Mount Rainier, and the North Cascade Mountain Range, and is a great spot for group pictures. The option to add any of the educational programs in this guide to events at the Future of Flight Aviation Center makes booking here an obvious choice.

For more information about private events, contact Events Director Christine Russell at 425-438-8100 x225.
DESTINY

On loan from The Museum of Flight, this 20,000 pound (9,000 kg) high-fidelity mock-up of the International Space Station Destiny laboratory module was designed and built by the SPACEHAB Corporation (now the Astrotech Corporation). The Destiny Module is the main operating facility for research payloads sent aloft by the United States and marks NASA’s first permanent operational research station since Skylab in 1974. Currently, the module is used by astronauts to conduct research in a wide range of fields, including medicine, engineering, biotechnology, physics, and materials science. Come and explore one of the original building blocks of the International Space Station and get a sense of what life in space looks like.

VOLUNTEERS

We are always looking for exceptional volunteers. In addition to helping with the new Destiny Module exhibit, we're recruiting volunteers for our Family Zone, the Makerspace, and to work as Aerospace Ambassadors in our Aerospace Gallery. For more information, or to schedule an interview, please contact us at Melvin@futureofflight.org or call 425-438-8100 x247. To make a difference in your community, visit the link below.

http://futureofflight.org/volunteer
FINANCIAL ASSISTANCE REQUEST FORM

Thanks to the generosity of our donors, the Institute of Flight is committed to ensuring that no child will be denied access to our educational offerings due to cost, so long as funds are available. We want to do our best to ensure that any young person who wants to participate in our programming has the opportunity to do so.

Name of Recipient (Individual or Group): _________________________________________________________
Name of Contact Person (if other than recipient): __________________________________________________
Mailing Address ______________________________________________________________________________
Phone # ________________________________________________________________________________________
Email _________________________________________________________________________________________

Please check the space(s) that describes you best:
___ Public School Educator or Administrator
___ Private or Nonprofit Group Leader
___ Individual interested in Educational Programming (STEAM Camp or AMP)
___ Individual interested in Membership
___ Other

Describe: _________________________________________________________________________________________

Institute of Flight Membership number: __________________________________________________________

What program or service are you requesting? ______________________________________________________

Why do you need assistance in paying for this program or service? _______________________________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________

If your group is a public school group, please provide your school's percentage of free and reduced lunch recipients. ____________

If you are able to provide any documentation of this status or a letter of reference, please email it to education@futureofflight.org.

Please describe what type of financial assistance you require. Examples include discounts, transportation assistance, or substitute pay.

__________________________________________________________________________________________

Have you ever received financial assistance from the Institute of Flight?
___ Yes
___ No

If yes, please describe when you received this aid and what it funded. __________________________________

(Continued on other side)
FINANCIAL ASSISTANCE

FINANCIAL ASSISTANCE REQUEST FORM

What other funding sources have you approached for financial assistance? Examples include your PTA, Rotary Club, etc. __________________________________________________________
______________________________________________________________________________________________

Primary Contact Signature

______________________________________________________

Date: ___________________________________________________________________

Financial Assistance forms are due one month prior to the requested program or service. Once submitted, an Institute of Flight staff member will contact you to discuss this application. In order to complete your request, a 20% deposit must be placed to hold your reservation. Institute of Flight membership is required to receive financial assistance funds. Financial assistance forms are valid until December 31 of the year in which they are submitted.

Please send this form to:

Education Director
Institute of Flight
8415 Paine Field Boulevard
Mukilteo, WA 98275
education@futureofflight.org

If you do not get a response within a week, please call 425-438-8100 x245 and ask to speak to the Education Director to confirm that your paperwork is in process.

FOR OFFICE USE ONLY:
Education Department Director
______________________________________________________

Finance Manager
______________________________________________________

Description of Financial Assistance Institute of Flight Offers: __________________________________________________________
______________________________________________________________________________________________

Description of recipient’s contribution: __________________________________________________________
______________________________________________________________________________________________

Accepted: ___ Yes  ___ No  Date Accepted: __________________________________________________________

If not accepted, why not? ___________________________________________________________________

Notes: _______________________________________________________________________________________
______________________________________________________________________________________________
PHILANTHROPY

On behalf of the nearly 10,000 students we served in 2016 through our education programs and community outreach, please consider a tax-deductible contribution to the Institute of Flight so that we can continue to extend our educational reach.

- $30 sends 2 kids on our Aerospace Manufacturing Career Tour
- $60 sends 4 kids through our Drone Zone Program
- $100 provides materials for an entire classroom in our 3D Makerspace Workshop
- $135 sends a Materials Science Engineer into a local school
- $350 provides a week-long experience for one young person at our summer camp

Thank you for your generosity and support as we continue to teach future generations.

https://www.futureofflight.org/make-a-gift

SPONSORS

The Institute of Flight is grateful to these organizations, and to everyone who provided support for aerospace education at our facility.
Wherever one hopes to land in life, a great education brings every dream that much closer. Boeing is proud to support those who inspire others to learn and achieve their full potential.