EXPERIENCE THE STORIES OF
AVIATION & SPACE FLIGHT

FRONTIERS OF FLIGHT MUSEUM
DALLAS LOVE FIELD

Smithsonian Institution
Affiliations Program
THE FRONTIERS OF FLIGHT MUSEUM introduces visitors of all ages – from the avid aviation buff to a child on the first visit – to the rich diversity of aviation and space flight history. Our significant collection includes over 30 aircraft and space vehicles and the stories behind them. Early biplanes, historically important military and general aviation aircraft, the World War II Gallery, the unique history of Southwest Airlines, numerous commercial airline artifacts, the one-of-a-kind Vought V-173 “Flying Pancake,” and the Apollo 7 command module can all be seen as you tour through the Museum.

Through our partnerships with local, regional and national organizations including the Smithsonian Institution and the University of Texas at Dallas, the Museum has access to world-class artifacts and archives in addition to our own remarkable collections.

Visitors can take a chronological walk through the history of flight – from Leonardo da Vinci’s parachute to the age of space exploration. Museum volunteers are standing by to take you on a guided tour or you can enjoy a self-paced trip through the fascinating story of human flight as you view:

- full-size and scale model aircraft and space vehicles
- thousands of supporting artifacts including flight gear, aircraft equipment and components, photographs, documents, and other flight-related memorabilia
- comprehensive graphics that provide the back story of the exhibits

THESE ARE THE STORIES OF THE MEN AND WOMEN WHO WENT HIGHER, FASTER, FARThER, AND FIRST IN AVIATION AND SPACE FLIGHT.

THE LIVING HISTORY PROGRAM features our highly knowledgeable volunteers portraying prominent personalities in aviation history. These talented performers will keep your group enthralled and fascinated while describing their adventures as they made aviation history.

“Jimmy Doolittle,” the first Doctorate in Aeronautical Engineering, led the first bombing mission on Japan in Army bombers launched from a Navy aircraft carrier.

“Orville Wright,” along with his brother Wilbur, built and flew the first powered heavier-than-air airplane in 1903 after years of determined experimentation.

“Amelia Earhart” proved that flying was not a male-only prerogative, breaking numerous altitude and speed records until her untimely disappearance on a round the world flight in 1937.

“Count Ferdinand von Zeppelin” developed his namesake lighter-than-air dirigibles that flew in peace and war for almost forty years, culminating in the massive Hindenburg.

“Admiral Charles Rosendahl” was a Naval Aviator from Texas who commanded America’s giant airships in the 1930s.

In addition, two volunteers portray themselves in our Living History Program – a World War II fighter pilot who flew his P-47 “Thunderbolt” during the air battles before, during and after D-Day; and a Marine Corps pilot who flew ground support missions in the hostile skies over North Korea during the Korean War.

Other personalities include a commercial aviation pilot, a member of the famed Women Airforce Service Pilots (WASP), and a space engineer.
A WALK THROUGH TIME is the story of flight through the ages. In the Richard W. Cree Main Exhibit Gallery you can take a chronological walk through time as you visit the different eras of aviation.

Early Flyers • Examples of the work of aviation’s early geniuses such as the Wright brothers and Glenn Curtiss are on display, including a full-size model of the 1903 Wright Flyer.

Lighter Than Air • View rare artifacts from the famous airship Hindenburg and other giant dirigibles.

Golden Age 1919-1939 • Learn the stories of Charles Lindbergh, Bessie Coleman (the first licensed African-American aviator), Richard Byrd (Arctic and Antarctic explorer), Amelia Earhart, Jimmy Doolittle, and other famous flyers.

WWI, WWII and the Cold War • The stories of America’s major conflicts in the Aviation Age are told through a vast collection of unique artifacts and scale models of historic military aircraft.

Space Flight • The Apollo 7 spacecraft and the only Moon rock on display in North Texas anchor an extensive collection of artifacts with a full-size reproduction of the Soviet Union’s Sputnik I flying overhead.

THE HEART OF OUR HISTORY chronicles over four decades of Southwest Airlines – one of America’s most phenomenal business success stories. Anchored by the Spirit of Kittyhawk, the gallery includes the accessible nose section of another Southwest Boeing 737, an interactive display of aircraft models with all of Southwest’s paint schemes, then-and-now ticket counters, the story of the airline’s legal fight to win the right to fly, extensive displays of Southwest memorabilia, and a large bronze representation of the drawing of a simple route structure on a cocktail napkin that started it all.

The flying machines of the Museum’s collection include eye-catching and unique airplanes, spacecraft and training cockpits.

- Apollo 7 Command Module
- Vought V-173 “Flying Pancake”
- the world’s only SR-71 “Blackbird” flight simulator
- full-scale reproduction of the Wright Flyer
- WWII “Tiger Moth”
- rare LearFan 2100
- Southwest Airlines Boeing 737

TEMPORARY EXHIBITS introduce artifacts, archives and major traveling exhibits to enhance the visitor’s experience through the Museum’s partnerships with local, regional and national organizations including the Smithsonian Institution and the University of Texas at Dallas. Visit us at flightmuseum.com to learn about the exhibits at the Museum.
EDUCATIONAL PROGRAMS

for all ages are offered throughout the year and designed to excite the imagination in science, technology, engineering, and math (STEM) through spacecraft design, aerodynamics, model-building, space survival, and other disciplines. Material from the Smithsonian’s National Air and Space Museum, NASA and local sources form the basis of structured classes and activities correlated to Texas state educational standards. Programs last from 45 minutes to five days and the Museum’s extensive exhibits serve as a learning laboratory to complement classroom experiences. Contact us at 214 350 3600 or info@flightmuseum.com for information or about all our education activities.

History of Space Flight • Learn about the history of rockets and missiles from ancient China to future space missions and how emerging technologies and lessons of the past have affected the evolution of current and future spacecraft.

Scale Model of the Earth/Moon System • The principles of math and space science are used to understand the concept of ratios to craft a scale model of the Earth and Moon with sports balls.

To Other Worlds • Journey through the Solar System on an illustrated tour and discover unique features of each planet, including the latest information from the Mars rovers.

Lunar Survival (Down on the Moon!) • In June 2033 your spacecraft crashes on the Moon’s surface hundreds of miles from your destination. You have limited equipment to sustain you. Use space science combined with cognitive reasoning skills to decide what you take and what you leave behind.

Amelia & Eleanor Fly • Join “Amelia Earhart” and “First Lady Eleanor Roosevelt” as they “fly” at night over Washington, D.C. in 1933. Afterwards, have tea and a special dessert with them in the “White House.” Also available during Summer Flight School. Grades 4 and up

Friday Launch • Learn the basics of flight with “Kites,” “Balloons,” “Butterflies,” and “Birds.” Also available during Summer Flight School. Grades 1 & 2

Friday Flights • Explore “Space,” meet a “Famous Flyer,” take a “Trip to the Airport,” and end with “Let’s Take a Flight.” Also available during Summer Flight School. Ages 4 - 6

Aviators’ Workshop • Discover basic principles of flight with unique paper airplanes and a Flight Control Trainer. Work with aerial navigation charts, learn the International Phonetic Alphabet, visit aviation facilities at Dallas Love Field, and build and fly a powered model airplane. Grades 3 & 4 and 5 & 6

Rocket Lab • Construct and fly an advanced model rocket, participate in a space survival exercise and go on a field trip to a local university. Work in teams to build and launch a multi-stage model rocket.

THE CHILDREN’S DISCOVERY AREA is located at the end of “Runway 36R” where children of all ages can let their dreams soar and enjoy climbing the Museum’s pretend control tower and piloting a jumbo jet to imaginary destinations.

BOY AND GIRL SCOUTS are invited to earn their Aviation Merit Badge (BSA) and Museum Badge (GSA) through our specially-tailored programs.

FLIGHT SCHOOL is the Museum’s summer program for students from pre-kindergarten through high school. Hands-on activities, field trips and other unique experiences challenge and delight youngsters in a creative and encouraging environment.

Advanced Aero • Explore basic engineering principles while designing and building aviation structures and applying your knowledge to wing and aircraft design, load-bearing structures and aircraft accident investigation. Grades 9 & 10

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**SPECIAL EVENTS**

- **Moon Day** is our annual homage to space exploration. We are joined by dozens of exhibitors, lecturers and demonstrators with telescopes, traveling planetariums, and fascinating displays. We build model rockets and simulated comets in addition to telling the stories of the past, present and future of space travel. We even make Moon Dirt!

- **Beat The Heat** of Texas summer while meeting local and national aviation authors, climbing into our aircraft cockpits and listening to our Living History volunteers. You may also find that model airplane kit, vintage aviation magazine or other bit of aeronautical memorabilia you’ve been looking for at our annual Aviation Swap Meet.

**The Museum** regularly hosts nationally-acclaimed traveling exhibits, remarkable guest speakers from the worlds of aviation and space flight and unique and historic aircraft which, thanks to our location at the Dallas Love Field Airport, can taxi right up to our gate for special occasions.

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**MUSEUM STORE**

The Museum Store offers a wonderful selection of aviation-related gifts tailored for all ages – from simple rocket kits to complex models, flight jackets, replica memorabilia, and best-selling aviation books. Visit us during your next trip to the Museum or shop online at flightmuseum.com.

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**EVENT RENTALS**

Think outside the ballroom for your next event. Multiple meeting and banquet areas are available for your next meeting or celebration. A unique venue, the Museum adds a special excitement to any gathering. Conveniently located just minutes from downtown Dallas, the Convention Center and Love Field airport. We have ample free onsite parking for cars and buses. Visit us at flightmuseum.com to learn more and schedule your next event.

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**rocket and plan a Martian space mission.**

**Grades 7 & 8**

- **Rocket Science**
  - Explore the science, technology, engineering, and mathematics of space flight all within the context of the space environment. Build and launch a model rocket, becoming familiar with the principles of physics that apply to a rocket’s flight and performing mathematical calculations to determine the rocket’s performance. Gauge the relative sizes of the Earth and Moon and prioritize items of survival equipment in a Moon rescue exercise. 
  
**Grades 3 & 4 and 5 & 6**

- **Aero Lab**  
  - Gain a basic knowledge of flying weather, study aerial charts, complete an aerial navigation exercise, and fly a flight profile on a flight simulator. 
  
**Grades 7 & 8**

- **Explore science, technology, engineering, and math through spacecraft design, aerodynamics, building, and space survival**
YOUR GIFTS will help us continue to educate, motivate and inspire the next generation. With your support we advance interest in science, technology, engineering, and math using exhibits, educational programs, special exhibitions and tours, lectures, and documentaries. Whether your donation supports the Museum’s overall mission or is for a special purpose, you will help preserve and enrich aerospace education and history. Visit us at flightmuseum.com to make your donation and become a member today.

THE COMMEMORATIVE ENGRAVED BRICK PROGRAM is a wonderful way to honor family members, friends or colleagues for achievements, birthdays, or other celebrations. Visit us at flightmuseum.com to learn more.

VOLUNTEERS enrich the experiences of our visitors and support the Museum through various activities as hosts, tour guides, storytellers, instructors, model-builders, and office workers. We provide volunteer orientation and training to prepare our volunteers to work with our diverse audience.

Corporate volunteers are welcome and may serve individually or in groups doing regular tasks or special projects. Help the Museum and your company by providing opportunities for your employees to share their time and skills with us. Visit us at flightmuseum.com to become a volunteer.
INDIVIDUAL AND FAMILY

All membership levels receive the following standard benefits:

- Free unlimited admission to the Museum’s exhibit halls for 12 months
- Free parking
- Free Museum decal and ID card
- 10% discount on Museum Store purchases
- Discount on special Museum exhibitions, lectures and programs
- Free subscription to the Museum newsletter
- Exclusive invitations to members-only events

Additional benefits are accumulated with each level of membership.

Students and Seniors (65+) $35
Admission for one adult member and one free guest pass in addition to standard membership benefits.

Individual $50
- Admission for one adult member
- Two guest passes in addition to standard membership benefits.

Family $75
- Admission for two adults and their children in addition to standard membership benefits.
- Four guest passes
- Discounts on child’s birthday party

Family Plus $100
- All Family-level benefits plus two additional guest passes (six total)
- Extra membership card so that your Caregiver may escort your children to the Museum. Caregiver must be 18 or older.

Supporter $250
- All Family Plus level benefits and two additional guest passes (eight total)
- Free one-year Smithsonian membership including Smithsonian’s Air & Space magazine

Sustaining $500
- All Supporter level benefits and four additional guest passes (twelve total)
- Museum special gift
- VIP tour by Museum Director for up to ten individuals

SPIRIT OF DALLAS CLUB

Spirit of Dallas Club $1,000+
Supporters of this prestigious group receive a number of exclusive benefits and invitation-only treats.

- Adventurer $1,000
- Explorer $2,500
- Navigator $5,000
- Aviator $10,000
- Astronaut $25,000
- Moon Walker $50,000

CORPORATE

Corporate Membership $2,500+
Corporate Membership annual benefits vary by level but may include:

- Recognition as a Corporate Member on various communication materials
- Free admission, admission passes and/or membership discounts
- Spirit of Dallas Club Explorer level membership for the CEO, CFO or other C-Level executive
- Event sponsorship with event benefits
- Leadership Council membership

- Corporate Partner $2,500
- Corporate Patron $5,000
- Corporate Leader $10,000
- Corporate Benefactor $15,000
- Corporate Presenting Sponsor of Leadership Council $25,000

Visit us at flightmuseum.com to join now or call 214 350 3600 for more information
MEMBERSHIP

Yes! I would like to purchase the following membership as a

- New
- Renewal
- Gift

**Individual or Family Membership**

- Students and Seniors (65+) $35
- Individual $50
- Family $75
- Family Plus $100
- Supporter $250
- Sustaining $500

**Spirit of Dallas Club Membership**

- Adventurer $1,000
- Explorer $2,500
- Navigator $5,000
- Aviator $10,000
- Astronaut $25,000
- Moon Walker $50,000

**Corporate Membership**

- Corporate Partner $2,500
- Corporate Patron $5,000
- Corporate Leader $10,000
- Corporate Benefactor $15,000
- Corporate Presenting Sponsor of Leadership Council $25,000

I would like to further support Frontiers of Flight Museum by including an additional gift of $ ____________

- My company matching gift form is enclosed

I would like volunteer information

**Member Information (please print)**

- Mr.
- Mrs.
- Ms.
- Miss
- Dr.
- Other _______

Name ________________________________________________________________

Address _______________________________________________________________

City ___________________________ State ____ Zip ______________

Contact Phone _________________________________________________________

Email _________________________________________________________________

Second member’s name (if applicable)
_______________________________________________________________________

**Gift Memberships**

Make a thoughtful gift that lasts all year long. The above gift membership is from:

Purchaser’s Name ______________________________________________________

Address _______________________________________________________________

City ___________________________ State ____ Zip ______________

Contact Phone _________________________________________________________

Email _________________________________________________________________

Please mail membership card to:  - Purchaser  - Recipient

**Payment Information**

- Check enclosed (payable to Frontiers of Flight Museum)
- VISA
- MasterCard
- American Express
- Discover

Account # ______________________________________________________________

Expiration Date ________________________________________________________

Signature ______________________________________________________________

The Frontiers of Flight Museum is a non-profit organization that is certified tax-exempt under section 501(c)(3) of the United States Internal Revenue Service code.

Mail this form to

Frontiers of Flight Museum  6911 Lemmon Avenue  Dallas TX 75209

or JOIN online at flightmuseum.com  214 350 3600