

FIELD TRIPS

Science, math and history take wing at the Hiller Aviation Museum—the Bay Area’s premier aerospace education destination. An expansive indoor exhibit Gallery hosts more than 40 historic aircraft, including helicopters, commercial transports and a unique collection of vintage aircraft built and flown by California’s aviation pioneers. The adjoining San Carlos Airport—one of the busiest general aviation fields in the nation—provides an outstanding perspective of modern air transportation.



**CALL (650) 654-0200
OR VISIT US ONLINE AT
WWW.HILLER.ORG**

School Group Admission Policies

- Advanced registrations are required at least two weeks in advance
- Minimum group size 12 students
- One adult required per 8 students
- School group admission fees Mon-Fri: \$2.50/child, \$5/adult (waived for 1 adult per 8 students)
- School group admission fees Sat-Sun: \$5/participant
- Guided tour provided for all groups at no additional charge
- Reservations secured by credit card—payment due upon arrival
- \$20 fee for cancellations made with fewer than three days’ notice
- Call (650) 654-0200 or visit www.hiller.org to make your reservation today!



Scout/Home School Groups

Scouts and home school students may be admitted to the Museum as a field trip group subject to the 12 student minimum group size. One group leader must make the reservation and all fees must be paid as a group at the time of check in.

Both Boy Scouts and Girl Scouts may earn certain Merit Badges or Interest Patches at the Museum through special weekend programs. Visit www.hiller.org for more information.

Financial Assistance

The Hiller Aviation Museum provides admission fee waivers and/or transportation reimbursement for qualified schools. Please visit www.hiller.org to review waiver award criteria or download an application.

Location

The Hiller Aviation Museum is conveniently located at San Carlos Airport, just off the 101 Freeway and midway between San Francisco and San Jose. Both the San Mateo and Dumbarton Bridges provide ready access to the Museum from the East Bay. Abundant free parking for both cars and buses is available.

Hiller Aviation Museum

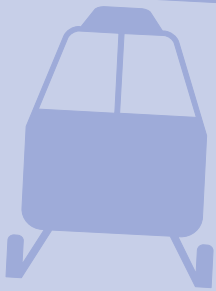
601 Skyway Rd.
San Carlos, CA 94070



HANDS-ON AVIATION PROGRAMS FOR

Hands-on programs bring your group's visit

to life! Build and fly a model aircraft, explore weather or launch an exciting flight simulation. Programs are 50 minutes long unless otherwise noted. All subject matter is mapped to California Content Standards for Grades K-8.



Visit www.hiller.org to view standards mapped to each program.

Standard Programs - 50 Minute Duration

MODEL AIRCRAFT

Amazing Aircraft I

GRADES K-5

Program Fee \$3 per Student*

Learn the different kinds of aircraft, identify the parts of an airplane and build and fly a simple balsa glider. Grades 4-5 add flight controls to guide their glider's flight in our most popular hands-on experience. Included in the Introduction to Aviation program.



Amazing Aircraft I

Amazing Aircraft II

GRADES 3-8

Program Fee \$4.25 per Student*

Take flight with a rubber-powered airplane! Amazing Aircraft II provides an introduction to airplanes using a more sophisticated aircraft that includes a rubber-powered propeller. Grades 4-8 use control surfaces to guide their airplane in a mission through the amazing world of aircraft.



Amazing Aircraft II

Wright Flight

GRADES 3-8

Program Fee \$6.75 per Student*

Follow in the footsteps of Wilbur and Orville Wright as they take their unprecedented scientific adventure to invent the world's first airplane. Examine a full-scale recreation of their 1903 Flyer and build a beautifully detailed flying model to take the excitement of the first flight home.

Extended Programs - 90 Minute Duration

ALL INCLUDE FLIGHT SIMULATION

Flight Planning Lab

GRADES 5-12

Program Fee \$6 per Student*

Science, math and aviation come together in a multi-part experience! Students inspect a small aircraft, use aviation charts to plan a flight between airports, and fly a portion of their planned flight in the Museum's Flight Sim Zone. Careful use of charts with terrain contours and calculations of fuel consumption and velocity are essential to ensure a safe flight.



Flight Planning Lab



Introduction to Aviation

INVESTIGATE AVIATION WEATHER

Eye on the Sky

GRADES K-2

Program Fee \$3 per Student*

Investigate the changing sky with a hands-on exploration of common weather phenomena. Discover the water cycle's role in cloud formation and build a model showing different cloud types in a pilot's-eye exploration of weather.



Eye on the Sky

Storm Chasers

GRADES 3-12

Program Fee \$4 per Student*

Experience weather the way a pilot does—from the cockpit! Students learn how weather phenomena such as wind, clouds and ice affect aircraft in flight, and then take a turn at the Museum's flight simulators in a series of challenging missions through adverse weather.



Storm Chasers

SIMULATIONS

Flight Simulator Lab

GRADES 3-12

Program Fee \$4.25 per Student*

Enter the Museum's Flight Sim Zone, a classroom environment filled with high fidelity flight simulators able to beautifully recreate the experience of flight. Every student controls a simulated airplane through several realistic, age-appropriate missions. Included in the Introduction to Aviation and Flight Planning Lab programs.



Flight Simulator Lab

Skyways

GRADES 5-8

Program Fee \$3 per Student*

Bring math and aviation together in an intensive Air Traffic Control environment. Students investigate how FAA controllers separate and sequence aircraft, and then apply that knowledge with NASA-developed Air Traffic Control simulation software. Small teams of students tackle time, distance and velocity problems while commanding airliners to safely pass through a checkpoint before time runs out.



Skyways

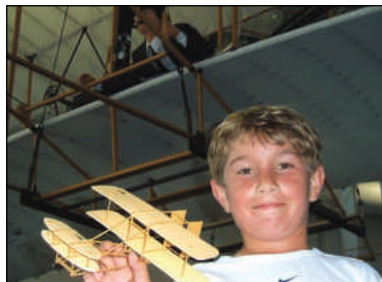
*Program fees are in addition to Museum admission.

Introduction to Aviation

GRADES 1-5

Program Fee \$6 per Student*

Combine the best of two programs and explore aviation from every angle! Students conduct an up-close inspection of a light aircraft, build and fly a model glider and try their hand flying a small airplane in the flight simulators. It's an all-inclusive aviation experience!



Wright Brothers Experience

Wright Brothers Experience

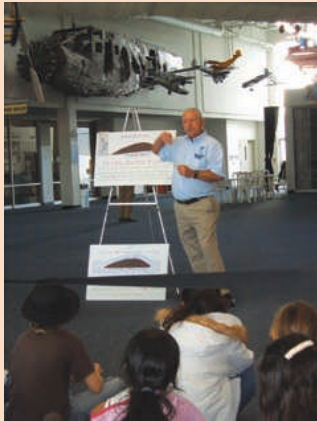
GRADES 3-12

Program Fee \$10 per Student*

Follow in the footsteps of Wilbur and Orville Wright as they pioneer the science of aeronautics. Examine the Museum's full-scale replica of the 1903 Wright Flyer, build and fly a realistic scale model, and enter the flight simulators to take on the challenge of flying the original Wright Flyer at Kitty Hawk!

MUSEUM TOURS

Included at no additional charge with every school admission, tours provide unique insights to the Museum's collection of over 40 different aircraft. Tours include visual aids, demonstrations and hands-on encounters to provide an interactive Gallery experience.



Aerodynamics

GRADES 5-12

Explore the science of flight, from Wilbur and Orville Wright to modern high-performance aircraft. Uncover the technologies that harness the forces of flight and make air travel possible.

California Aviation History

GRADE 4

Discover the Golden State's role in the development of aviation with the Museum's extensive collection of early California aircraft. Learn about the local inventors, scientists and aviators who built some of the earliest aircraft and how these machines changed the state, nation and world.

Dream of Flight

GRADES 2-12

Investigate humanity's long journey to the skies, soaring through the Museum's main Gallery from early 19th-century aircraft designs to modern jet airliners. Meet an airplane or helicopter and find out more about the marvelous flying machines that have changed our world.

Young Aviators

GRADES PRE-K-2

Join a fun-filled, age-appropriate adventure through the Museum's aircraft collection with a unique combination of tactile, kinesthetic and hands-on activities. Experience aviation at a child's eye level and reach out to touch a piece of aviation history.



PRE-SCHOOL VISITS

The Hiller Aviation Museum is a perfect destination for early childhood groups. Easy to reach and carpool friendly, the Museum features hands-on experiences just for Pre-K students and a fabulous view of bustling San Carlos Airport. Each Pre-School visit includes a Young Aviators tour at no additional charge.

- **Minimum group size 12 students**
- **\$2.50/child admission fee for all students Mon-Fri**
- **\$6/adult admission fee for all adults**
- **1 free adult admission per 8 students**

Advance reservations are required for all field trips. Visit www.hiller.org or call (650) 654-0200 at least two weeks in advance to book your trip today!



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**INSPIRE
YOUR STUDENTS
TO SOAR!**

**HILLER AVIATION MUSEUM
FIELD TRIP GUIDE
2011-2012**



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[FIELD TRIPS](#)

[HANDS-ON PROGRAMS](#)

[MUSEUM TOURS](#)

[RESERVATIONS](#)

[DIRECTIONS](#)