



H I L L E R A V I A T I O N M U S E U M

FIELD TRIP GUIDE

2019-2020



*Authentic
Aircraft Encounters*



*Interactive
Aerospace Exhibits*



*Science and
Engineering Programs*



*Hands-On
Flight Labs*

FIELD TRIPS

Launch an Adventure in Flight!

The Hiller Aviation Museum features over 50 aircraft and space vehicles showcasing aeronautical innovation from the 19th century to the modern day. Interactive exhibits, hands-on lab spaces and highly accessible airplane and helicopter cockpits make the Hiller Aviation Museum a compelling destination for STEM enrichment experiences.



School Group Admission Policies

- Advanced reservations are required at least two weeks in advance
- Minimum group size 12 students, at least one adult per 8 students
- School group admission fees Mon–Fri, Sep–May: \$4.50/child, \$9/adult (waived for 1 adult per 8 students)
- School group admission fees Sat–Sun and Jun–Aug: \$9/participant
- Reservations secured by credit card—payment due upon arrival
- Call (650) 654-0200 or visit www.hiller.org to make your reservation today!

Indoor and outdoor seating is available for snacks and lunches. No food service is available, but gourmet food trucks are onsite Wednesdays from 11 AM – 1:30 PM.

Financial Assistance

Field Trip Grants

Waivers for admission and hands-on program fees and transportation reimbursements are available to qualified schools. Visit www.hiller.org to review award criteria or to download an application.

Mondays at the Museum

Free Admission

Most Mondays September–May are free to all schools! Participating groups must have 12 or more students and advance reservations. A complete list of Mondays at the Museum dates and available programs can be viewed at www.hiller.org.

Make
reservations
today!

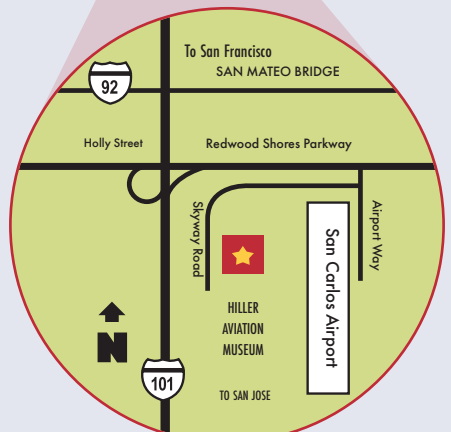
650-654-0200
or visit
www.hiller.org



Location

601 Skyway Rd., San Carlos, CA 94070
Free parking for cars and buses always available!

The Hiller Aviation Museum is located at San Carlos Airport halfway between San Francisco and San Jose. Its freeway-friendly location and abundant free parking make it easy to plan a day of aerospace enrichment from anywhere in the Bay Area.



HANDS-ON AVIATION PROGRAMS FOR GRADES K-12

Program	Grade Level	Duration	Program Fee	Description
EARTH SCIENCE				
Eye on the Sky	K-2	45 Min	\$4.00/Student*	Water cycle, cloud identification
Star Watchers	K-8	45 Min	\$4.00/Student + \$30/Day	Observe the Sun, stars, constellations and planets
Storm Chasers	3-8	45 Min	\$5.50/Student*	Flight simulation with weather focus
ENGINEERING / MATH				
Airline Operations	5-12	90 Min	\$7.50/Student	Realistic Air Traffic Control and flight simulation
Aero Design Challenge	4-8	Special	NO CHARGE	Design, build, test and fly an air-powered rocket
Flight Planning Lab	5-12	90 Min	\$7.50/Student	Use math to create and fly a simulated flight plan
PHYSICAL SCIENCE				
Amazing Aircraft I	K-5	45 Min	\$4.00/Student*	Identify airplane parts, build balsa gliders
Amazing Aircraft II	3-8	45 Min	\$5.50/Student	Fly and control elastic powered airplanes
Flight and Motion	2-8	45 Min	\$4.00/Student*	Experiment with forces of flight, build balsa gliders
Flight Simulator Lab	3-12	45 Min	\$5.50/Student*	Introductory flight simulation
Introduction to Aviation	3-6	90 Min	\$7.50/Student	Build balsa gliders and complete flight simulation
Star Watchers	K-8	45 Min	\$4.00/Student + \$30/Day	Observe the Sun, stars, constellations and planets
Storm Chasers	3-8	45 Min	\$5.50/Student*	Flight simulation with weather focus

All prices are in addition to regular Museum admission.



NGSS-aligned hands-on programs led by Museum educators facilitate greater exploration into areas where earth and physical sciences intersect the world of flight.

**Available at no charge on Mondays at the Museum.*

GALLERY EXPERIENCES



Free Exploration

Included with Museum admission

Interactive exhibits, flight simulators, hands-on experiments and open aircraft cockpits are available throughout the Museum, providing ample opportunity for exploration. Facilitated activities in the Invention Lab and Drone Plex are offered on a drop-in basis.

Guided Tours

Available for Grades 2 and Up

20 minute duration

\$2/student, 12-student minimum

Led by experienced volunteers, guided tours bring to life the people, places and events behind the aircraft featured in the Museum collection. Each tour visits historic airplane and/or helicopter exhibits and includes an opportunity to briefly explore an aircraft cockpit.



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AERO DESIGN CHALLENGE



THE HILLER AVIATION MUSEUM

AERO 
DESIGN CHALLENGE

Inspired by the diligent design process introduced to aerospace by Wilbur and Orville Wright, the Aero Design Challenge presents students Grades 5-8 with unique problems in aeronautics. Offered in conjunction with the Bay Area Science Festival and National Engineers' Week, the Aero Design Challenge uses the Museum's interactive exhibits, realistic simulations, hands-on programming and authentic aircraft to bring aerospace engineering to life!



Aero Design Challenge

October 28-30 • November 4-6 • February 22

Explore the world of rocket propulsion! Participants experiment with aerodynamic drag and rocket stability, then construct an air-powered rocket able to land precisely on target!

The Aero Design Challenge is available at no cost to students through the generosity of the Hiller Aviation Museum's community partners. Space is limited and advanced reservations are essential.



**HILLER AVIATION MUSEUM
SCHOOL FIELD TRIPS 2019-2020**

HILLER AVIATION MUSEUM
601 Skyway Rd.
San Carlos, CA 94070

