



BRIEFINGS



June 2018

HILLER AVIATION MUSEUM WHERE INSPIRATION TAKES FLIGHT

PRESERVING A LEGACY THE HILLER AVIATION MUSEUM 20TH ANNIVERSARY

by Jon Welte



Museum Ground Breaking Oct. 1996. Pictured left to right: Stanley Hiller Jr., Congresswoman Anna Eshoo, County Supervisor Mary Griffin, San Carlos Mayor Don Eaton, Airport Manager Gary Peterson and Museum Executive Director Jerry Shoemaker

Hiller Aircraft ceased to exist as an independent company in 1964, when it was purchased by and became a division of Maryland-based Fairchild Aircraft. Stanley Hiller Jr. remained involved with the merged entity for a short time, but ultimately left aerospace altogether and went on to a successful career reorganizing failed and struggling companies in a wide range of industries.

The dream of flight was one that was seldom far from Hiller's heart, however. While the original Hiller Aircraft factory in Menlo Park was shuttered not long after the merger with

Fairchild, Hiller retained many of its most iconic aircraft. As time went on, Hiller acquired a substantial collection of additional historic aircraft and aircraft replicas, many with special significance to the development of aviation in Northern California. The first "Hiller Aviation Museum" was a storage facility located in Redwood City. By the mid-1980s this facility provided opportunities for public viewing of the collection. Space was limited, and by the early 1990s Hiller was planning a more appropriate venue for use as a showcase for Northern California's contributions to aerospace.

By 1994, planning focused on a parcel of land available at San Carlos Airport. Through the first half of the 20th century San Carlos had boasted not one

Framing underway of the museum Gallery and Atrium room



but two airports. Cooley Field operated alongside (and, in rainy weather, often beneath) the sloughs in modern Redwood Shores. The official San Carlos Airport was on higher ground between the Southern Pacific Railroad

Biggest Little AIR SHOW

Saturday
June 2
10am-1pm



PEAXY TOTAL DATA ACCESS
FOR INDUSTRY

Race Thru History Saturday August 25

Drone Races



PLANES, TRAINS & HOT RODS

SUNDAY JULY 15



Smithsonian Institution
Affiliations Program

and Bayshore Highway. In 1950 both fields were replaced by a new San Carlos Airport at the current location, just east of the modern Bayshore Freeway. For Hiller, it seemed a perfect location.

Hiller cultivated critical support for the new project while recruiting a team of local community and aviation leaders to help guide the organization through its foundational phase. In 1995 the San Carlos City Council provided unanimous support to the project, and on March 5, 1996, the San Mateo County Board of Supervisors—responsible for administration of San Carlos Airport—did the same. Groundbreaking was held in October of that year, although in one of many Museum-related ironies the actual dirt used for the ceremonial first spade at the thoroughly paved location was trucked in specifically for the event.

Construction was ongoing through the end of 1996 and all of 1997. The Museum comprised three discrete structures: a northern building to house Museum offices, the library, and the Restoration Shop, a large, open hangar-type Gallery to house the aircraft themselves, and a central Atrium connecting the two to serve the additional purpose of providing a large space for special events. Operations shifted from the storage facility in Redwood City to a trailer parked behind the still-under-construction buildings. The Briefings newsletter, originally a mimeographed bulletin highlighting stories relating to aircraft on display or under restoration at the “old” museum, boasted the new San Carlos address starting in 1997. During this time the Hiller Aviation Museum acquired a remarkable new tool for disseminating information about the ongoing project: its own website.



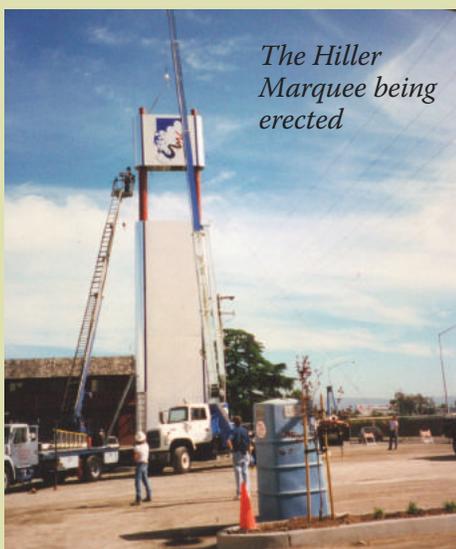
The Boeing Condor was the first aircraft moved into the Museum Gallery



Boeing Condor getting ready to be hung

As construction progressed, historic aircraft began to transfer to their new home. By nature of its size, the Boeing Condor was one of the first to be installed. Among the largest aircraft hanging suspended in any museum, hoisting the Condor into proper position required removing the topmost section of its vertical stabilizer. Additional aircraft soon arrived as well, ranging from the full-scale replica of the Marriott Avitor to the John Montgomery glider recreations. Interestingly, the first aircraft to go on exhibit at San Carlos Airport was not an airplane or helicopter positioned within the Museum, but rather the Hiller UH-12E-5. This unique helicopter was the only 5-seat variant of the venerable Hiller 360/UH-12 ever built. It was emplaced at its current location at the Burger King restaurant at San Carlos Airport in 1997, a year before the Museum itself opened to the public.

The Hiller Aviation Museum opened on June 5, 1998. Two ribbons were cut to mark the occasion. The first ribbon was cut in a spectacular fashion by Eddie Andreini flying his Super Stearman biplane “inverted” down the San Carlos Airport runway and cutting a ribbon strewn across it. The official ribbon cutting was conducted by Stan Hiller himself using scissors delivered by professional jumper Alan Silver, who also delivered the first US flag to fly at the Hiller Aviation Museum. This



The Hiller Marquee being erected



Opening ceremony newspaper clipping, Eddie Andreini inverted ribbon cut and young boy waiting to be first to visit the museum.

started a tradition of special airborne events that continues at the Hiller Aviation Museum to this day.

Stanley Hiller Jr. passed away in 2006. He saw his vision for a museum dedicated to preserving Northern California’s history of aviation innovation come fully to fruition, and left behind a legacy of creativity in aircraft design and of entrepreneurial perseverance. Since Opening Day in 1998, over one million visitors have found inspiration at the Hiller Aviation Museum.

This June Hiller Aviation Museum marks its 20th anniversary. The Museum will celebrate the occasion with a bold new exterior, newly updated exhibits, special presentations on the life of Stanley Hiller Jr. and spectacular additions to this year’s Biggest Little Airshow on Saturday, June 2. Join the excitement as the Hiller Aviation Museum celebrates the past, honors its visionary founder, and looks forward to the next 20 years.

*Photos: Tim McIntosh
Resources: Briefings newsletter, Winter/Spring 1994 – Fall 1998; Rep, Jerry. Hiller Aviation Institute Museum, 2000*

BIGGEST LITTLE *Air Show*

AT SAN CARLOS AIRPORT!

**SATURDAY, JUNE 2, 2018 • 10AM – 1PM
FLIGHT DEMONSTRATIONS • 10:30AM – NOON!**

Big things come in small packages in an amazing aerial display at the Hiller Aviation Museum!



Join the festivities as the Biggest Little Air Show celebrates the Museum's 20th Anniversary since opening in 1998. Enjoy a thrilling aerobatic performance by air show pilot Rich Perkins and his full-sized Yak-54 Russian Thunder airplane along with demonstrations of exceptional radio controlled models. San Carlos Airport will close to regular traffic from 10:30 am to noon to allow realistic jet- and propeller-powered model aircraft to roll down the runway and into the sky to take their part in a unique aerial extravaganza. Performances will include RC aerobatic helicopters, Jets, Drones, quadrotors and high performance model rockets. This year's show also includes formation flying by full size aircraft and a parachute jump by Alan Eustace, holder of the world record for highest parachute jump.



Performers are scheduled to include:

- Rich Perkins flying his Yak 54 Russian Thunder airplane in a full aerobatic routine
- RC Flyers model aircraft demonstrations
- Aerobatic gyroscopic routines
- 3D aerobatic helicopters
- Drone racing
- Jets and other RC aircraft
- Model rockets

Beautifully detailed radio control model aircraft will be on display at the Museum from 10 AM to 1 PM, with air show flight demonstrations from 10:30 AM to 12 PM! Drone demonstrations from 12-1pm in the Drone Plex!

Event is included with Museum admission—no charge to Museum Members! Capacity is limited and advanced ticket purchase is recommended. For more info www.hiller.org



FOOD TRUCK CRAZE CONTINUES!

AT HILLER! EVERY WEDNESDAY 11AM TO 2PM – RAIN OR SHINE!

The parking lot of the museum turns into a food court every Wednesday. Several food trucks participate in this gourmet event. The trucks rotate weekly, so come for your favorite truck or try something new! Dine under our porte-cochere, or indoors when it's a little cold, or, grab and go!



PRESERVING A LEGACY THE HILLER AVIATION MUSEUM 20TH ANNIVERSARY



THE LIFE OF STANLEY HILLER JR AND BUILDING THE HILLER AVIATION MUSEUM.

MAY 26, MAY 27, MAY 28 AND JUNE 5
ALL PRESENTATIONS ARE AT 11AM

Stanley Hiller Jr. was a man born ahead of his time. He possessed two important traits that helped lead him to success: visionary engineering insight and brilliant business sense.

Flying was in Stanley's blood. His father, Stanley Sr. was a pioneering aviator flying aircraft of his own construction in the early years of flight. Stanley Jr. had his first company at 14 years of age and set out to design and build his first helicopter at age 17. The company he founded went on to build over 2,000 helicopters and employ over 3,000 people.

Stan Hiller did not originally set out to build a Museum, but even after leaving aerospace he saved and preserved many of his old helicopter prototypes, and collected many other unique aircraft. He had a private Museum warehouse in Redwood City that he established in the 1980s to house his growing collection. For years he looked for the right place to open a Museum for the public, ultimately finding it at the San Carlos Airport. The Hiller Aviation Museum opened its doors to the public for the first time on June 5, 1998.

As part of the Museum's 20th anniversary celebration, Willie Turner, VP of Communications and Operations, will give a presentation on Stanley Hiller Jr. and the early days of the Museum. Willie has been with the Museum since its formative years and he has witnessed firsthand its ongoing evolution into the world class Museum and education center that it is today. Presentation is included with Museum admission.

PLANES, TRAINS & HOT RODS

SUNDAY JULY 15, 10AM – 2PM

On Sunday July 15 the Museum is joining forces with the Golden Gate Hot Rod Club and the European Model Train Enthusiasts to present Planes, Trains and Hot Rods!

We will feature some of our "cooler" local airplanes along with over 100 custom and hot rod cars and of course everyone's favorite models trains. Event included with Museum admission.



SAVE THE DATE: MEMBERS-ONLY AVIATION PARTY!

SUNDAY, JULY 29TH FROM 1-3 PM



Join us for a Member Appreciation Party. Museum members are invited to a private party featuring many fun activities and games! Bring the whole family! Sunday, July 29th is also a "Special Member Day" in the Museum gift shop, where members receive 20% off their purchases. Check out www.hiller.org/member for more details on our Museum Membership Program.

We would like to thank the following CHARTER MEMBERS of the Museum. The following people have been members uninterrupted since the museum opened June 5, 1998.

Judith Amsbaugh
Roger Cain
Louis C. Cogliani
Thomas Cole
Diane Coryell

Norm DeWitt
Richard A. George
Dorene Goad
Morton Grosser

Elaine & Gordon Knapp
Dana & Frances Leavitt
Bob Leuten
Carl Meeds



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& SAN CARLOS
AIRPORT!**

YOU made the 2nd Annual Airport Runway Run a success!

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Explorer Sponsors



Adventurer Sponsors



For a complete list of sponsors, visit www.hiller.org/run.

CALENDAR

JUNE

SAT, JUNE 2 • 10AM-1PM
Biggest Little Air Show

TUE, JUNE 5 • 11AM
Building A Dream – 20th Anniversary

SUN, JUNE 10 • 1-4PM
Drone Meet

TUES, JUNE 12 • 10:30AM & 12:30PM
Starlab

WED, JUNE 13 • 11AM
Water Rockets

WED, JUNE 13 • 10:30AM & 12:30PM
Starlab

THUR, JUNE 14 • 10:30AM
Starlab

SUN, JUNE 17 • 1-3PM
Aero Challenge

WED, JUNE 20 • 11AM
Happy Birds

SUN, JUNE 24 • 10AM-12:30PM
Kids' Carnival

WED, JUNE 27 • 11AM & 1PM
Paper Airplanes

SAT, JUNE 30 • 1-3:30PM
Nano Drone FPV Workshop

JULY

SUN, JULY 1 • 1-3PM
Fly For Fun

SAT, JULY 7 • 11AM
Paper Airplanes

SUN, JULY 8 • 1-4PM
Drone Meet

TUES, JULY 10 • 10:30AM & 12:30PM
Starlab

WED, JULY 11 • 10AM-2PM
Open Cockpit

WED, JULY 11 • 10:30AM & 12:30PM
Starlab

THUR, JULY 12 • 10:30AM
Starlab

SAT, JULY 14-SUN JULY 22 • 11AM-3PM
Model Train Exhibit

SUN, JULY 15 • 10AM - 2PM
Planes, Trains & Hot Rods

WED, JULY 18 • 11AM & 1PM
Happy Birds

SAT/SUN JULY 21 & 22 • 10AM-4PM
EuroWest Model Train Show

SUN, JULY 22 • 10AM-12:30PM
Kids' Carnival

WED, JULY 25 • 11AM
Water Rockets

SAT, JULY 28 • 1PM-3:30PM
Nano Drone FPV Workshop

SUN, JULY 29 • 1PM-3PM
Aero Challenge

SUN, JULY 29 • 1PM-3PM
Members Appreciation Event

TUES, JULY 31 • 10:30AM & 12:30PM
Starlab

AUGUST

WED, AUG 1 • 10:30AM & 12:30PM
Starlab

WED, AUG 1 • 11AM-2PM
Kids' Air Faire

THUR, AUG 2 • 10:30AM
Starlab

SUN, AUG 5 • 1-4PM
Drone Meet

WED, AUG 8 • 11AM
Happy Birds

SUN, AUG 12 • 1-3PM
Fly for Fun

WED, AUG 15 • 11AM & 1PM
Paper Air Planes

SUN, AUG 19 • 1-3PM
Aero Challenge

WED, AUG 22 • 10AM-2PM
Open Cockpit

SAT, AUG 25 • 2-5PM
Drone Racing

SAT, AUG 25 • 1-3:30PM
Nano Drone PPV Workshop

SUN, AUG 26 • 10AM-12:30PM
Kids' Carnival

GOURMET FOOD TRUCKS • WEDNESDAYS, 11AM-2PM,

**DRONE PLEX • SATURDAYS & SUNDAYS,
10:30AM-12PM & 1-3PM**

INVENTION LAB • SATURDAYS & SUNDAYS, 10:30AM-4PM

**FLIGHT SIM ZONE • SATURDAYS & SUNDAYS, 11AM-2PM,
AVIATION CAMP JUNE 4 – AUG 31**

RACE THRU HISTORY

THE HILLER AVIATION MUSEUM
MICRO DRONE RACE POWERED BY
AERIAL SPORTS LEAGUE

SATURDAY AUGUST 25, 2PM-5PM

The history of aviation and the future of sports collide as the best micro-drone pilots in the US race for cash and prizes through the Hiller Aviation Museum.

Join Aerial Sports League and the Hiller Aviation Museum for a once-in-a-lifetime drone racing event featuring some of the world's best drone pilots as they race through Hiller's historic exhibit hall featuring some of the world's rarest and unique flying machines. Race day features a full schedule of activities for visitors, including FPV ride-a-longs, hands-on drone training, VR drone games, flight simulators and more.

The micro race series features Aerial Sports League's LED race track winding through the airframes and propellers of Hiller's unique collection of planes, jets, helicopters and prototype vehicles. Pilots will compete in open qualifier race-heats scheduled throughout the day, allowing any local pilot to register and compete against the pros. Live play-by-play announcers and streaming FPV video feeds on monitors keep the audience up close to all the action.

If you're interested in racing in the event contact:
Marque Cornblatt
Founder & CEO
Aerial Sports League
q@aerialsports.tv
415-602-4138



EUROWEST 2018

ETE EUROWEST 2018
EUROPEAN TRAIN ENTHUSIASTS

Belgian Trains and Railways

at the 22nd EuroWest
MODEL TRAIN SHOW

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

Saturday, July 21st, 2018 10:00am to 5:00pm
Sunday, July 22nd, 2018 10:00am to 4:00pm

- Operating European Model Train Layouts
- Clinics and Lectures
- Fun Challenges for Young and Old!
- Sales Tables
- Children's Activities
- Raffle Prizes
- Manufacturer and Distributor Displays

ADMISSION PRICE INCLUDES ADMISSION TO THE HILLER MUSEUM
Please see <http://www.hiller.org> for current admission

For show and vendor information please contact
Dave Cowl: eurowest@ete.org or visit <http://www.ete.org>

AVIATION CAMP 2018 • SUMMER PROGRAMS GRADES K-8

Aerial adventures for kids depart this summer from the Hiller Aviation Museum! Aviation Camp introduces kids entering Grades JK-8 to aerospace with hands-on experiments, design challenges, fly-

ing models, flight simulation, experiences with real aircraft and much more. Eight different topics are available. Visit www.hiller.org for current availability information or to enroll today!



WEDNESDAY FAMILY EVENTS SPECIAL EVENTS AT THE HILLER AVIATION MUSEUM WEDNESDAYS, JUNE 13 TO AUGUST 22

Wednesdays are fun days all summer long! Special events and programs for kids and their families are offered each Wednesday, and gourmet food trucks are available 11 AM–2 PM.

HAPPY BIRDS

WEDNESDAYS JUNE 20, JULY 18,
AUGUST 8 (ALL SHOWS 11 AM)

The amazing team of tropical flyers returns! Meet a colorful crew of parrots, macaws and cockatoos as they fly and show off remarkable natural behaviors and amazing trained tricks and antics.



PERFECT PAPER PLANES

WEDNESDAYS, JUNE 27 & AUGUST 15,
11 AM & 1 PM
SATURDAY, JULY 7 (11 AM)



Champion paper plane maker John Collins shares his design techniques while putting on a remarking demonstration of flying paper airplanes. Build a paper plane and watch unique designs take flight.

OPEN COCKPIT DAY

WEDNESDAYS, JULY 11 AND AUG 22
11 AM – 12 PM

Learn more about the role of remotely piloted aircraft, see a demonstration of drone flight in the Museum's Drone Plex, and take the controls of a realistic quadcopter simulator. Event included with Museum admission.



KIDS' AIR FAIRE

WEDNESDAY, AUGUST 1
11 AM–2 PM



Join Bay Area pilots and local public safety agencies as they share airplanes, helicopters, fire engines, police cruisers and other emergency vehicles with children of all ages. Fly a glider or paper helicopter, explore the Museum's gallery in an Exhibit Safari and more! Event included with Museum admission.

WATER ROCKET RALLY

WEDNESDAYS, JUNE 13 AND JULY 25
11 AM – 12 PM



Discover the technology that makes spaceflight possible! Learn about the science of rocketry, then create a high flying water rocket! Bring a clean, recycled soda bottle from home or purchase one at the Gift Shop for \$1 on the day of the event.

STARLAB SKY SHOWS

JUNE 12-14, JULY 10-12, JULY 31-AUG
3 (TUESDAYS THROUGH THURSDAYS)
10:30 AM, 12:30 PM
(NO 12:30 SHOW THURSDAYS)

Enter a giant inflatable dome to see the summer night sky and discover the stars, constellations and planets visible from your own backyard! Space is limited. Tickets are available at the Gift Shop on the day of the event.



FAMILY SUNDAY PROGRAMS

SUMMER 2018

FLY FOR FUN PAPER PLANES

JULY 1 AND AUGUST 12
1:00 – 3:00 PM (AGES 5+)



Launch an adventure in paper-light flight! Learn the physics behind making paper glide, then fold and fly to construct a marvelous flying machine! Events focus on distance flight (July 1) and assisted lift (August 12).

DRONE MEET

JUNE 10, JULY 8, AUGUST 5
1:00 – 4:00 PM (AGES 8+)

Compete in one of three different mini-events in drone flying! Practice a specific maneuver on drone simulators, then fly against the best of the best inside the Drone Plex!



AERO WORKSHOP

JUNE 17, JULY 29, AUGUST 19
1:00 – 3:00 PM (AGES 10+)



Enter the Invention Lab to build and test a unique aerial invention able to fly farther, higher or faster than the competition!

KIDS' CARNIVAL

JUNE 24, JULY 22, AUGUST 26
10 AM – 12:30 PM (AGES 3+)

Join the fun to paint a plane, complete an experiment, check out in an aircraft cockpit and more in a special experience for our youngest aviators.



All Sunday Family Events are included with Museum admission. Space is limited for some events. Go to www.hiller.org for capacity information, or obtain tickets at the Admissions counter on day of each program.

PRESIDENT'S PERSPECTIVE



As we wind down the 2017-2018 academic year, we are proud to report that the school year was a busy one with about 12,000 youth visiting the museum on field trips from K-12 schools throughout the Bay Area, along with an additional 3,000 teachers and chaperones.

The museum's 2nd annual Airport Runway Run took place in late April with over 800 runners participating in 2K, 5K and 10K courses, all originating on Runway 12 at San Carlos Airport. Thanks goes to Gretchen Kelly and the airport management team as well as numerous volunteers for working with us to ensure a successful event. We also thank our Navigator Sponsors, including Toyota 101, Nevro Corporation and Tavarez Orthodontics for their support. Lastly, kudos to our VP of Development, Rebecca Duran, for doing a fabulous job in organizing and delivering the event. Good race!

Meanwhile this summer, look for new hardware upgrades in our Flight Sim Zone, as we transition to using X-Plane software, new computers and 4K displays, thanks in part to a generous gift by Mark Jon Bluth.

We greatly appreciate our family of museum visitors for helping make the Hiller Aviation Museum a vibrant and exciting place to visit. We look forward to seeing you soon at the Museum this summer!

*Jeffery Bass, President & CEO
Hiller Aviation Museum*

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Rebecca Duran, VP of Development:

duran@hiller.org or
650-654-0200 x203

www.hiller.org/join-and-support/business-circle



HILLER AVIATION MUSEUM

601 Skyway Road
San Carlos, California 94070

www.hiller.org

Non-Profit
Organization
US POSTAGE PAID
San Carlos, CA
PERMIT No. 96

Join Now!

Senior (age 65+) \$50

Unlimited admission for you + 2 guest passes.

Individual \$65

Unlimited admission for you + 2 guest passes.

Family \$90

Unlimited admission for 2 named adults and up to 4 children (17 & under) + discounts on Aviation Camp.

Pioneer \$125

Family Membership benefits + an additional card for a named member (ideal for caregivers) and 2 guest passes.

Pilot \$275

Family Membership benefits with a total of 3 guest passes + 8 FMX Flight Simulator passes and 50% off additional FMX tickets.

Barnstormer \$550 • Adventurer \$1,000

Pilot Membership benefits with a total of 4 guest passes + 10% off Museum Rental and Birthday Parties.

Explorer \$2,500 • Navigator \$5,000

Pilot Membership benefits with a total of 8 guest passes + 15% off Museum Rental and Birthday Parties.

Aviator \$10,000

Pilot Membership benefits with a total of 12 guest passes + 25% off Museum Rental and Birthday Parties and a Hiller Aviation Museum jacket.

Annual Membership Application

Or join online at www.hiller.org/member

I want to be a member of Hiller Aviation Museum in the following category:

- | | |
|--|---|
| <input type="checkbox"/> Senior (65+) \$50 | <input type="checkbox"/> Barnstormer \$550 |
| <input type="checkbox"/> Individual \$65 | <input type="checkbox"/> Adventurer \$1,000 |
| <input type="checkbox"/> Family \$90 | <input type="checkbox"/> Explorer \$2,500 |
| <input type="checkbox"/> Pioneer \$125 | <input type="checkbox"/> Navigator \$5,000 |
| <input type="checkbox"/> Pilot \$275 | <input type="checkbox"/> Aviator \$10,000 |

New Member Annual Renewal

Primary Adult Member: _____

Second Adult Member: _____

(Family Memberships and up)

Third Adult Member: _____

(Pioneer Memberships only)

Address: _____ City: _____

State: _____ Zip: _____ Daytime Phone: _____

Email: _____

This is a gift membership from: _____

Payment Amount: _____ VISA MC AMEX

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CSC: _____ Print Name on Card: _____

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Hiller Aviation Museum
601 Skyway Rd, San Carlos, CA 94070

