

BRIEFINGS

SEPTEMBER 2014

Hiller Aviation Museum WHERE INSPIRATION TAKES FLIGHT

WOMEN TAKE WING PIONEERING WOMEN IN AEROSPACE

by Jon Welte



Katharine Wright

Each year thousands of children visit the Hiller Aviation Museum as part of a school visit or other educational outing. Most visits begin beneath the Museum's full scale Wright Flyer replica hanging at the entrance to the main Atrium.

Many students have heard of the Wright Brothers, but few know of Katharine Wright, the only Wright sister to survive to adulthood.

Unlike Wilbur and Orville's two older brothers, Katharine took an active interest in and provided material support to Wilbur and Orville in their aerial pursuits. Katharine corresponded extensively with both

brothers during their field work, supporting them and becoming immersed in their ideas for the future of flight. In 1908 Orville was seriously injured in a crash that took the life of his passenger, Lt. Thomas Selfridge. Katharine left her high school teaching job to aid Orville through his long convalescence, then took a position in the operation of the Wright Aircraft Company. During the brothers' subsequent European tour she was the public face of the company, and became an officer of the organization shortly after Wilbur's death in 1912.

Katharine Wright never sought to become a pilot herself, but as the excitement of aviation overtook the nation women fought for a place in the vanguard of aerial pioneers. Driving enthusiast Blanche Stuart Scott took flight in a Curtiss Pusher in 1910, becoming the first woman to solo an airplane. In 1911 Harriett Quimby became the first American woman to secure a pilot certificate, and by 1920 women had established a place in American aviation despite reservations and resistance from male aviators unconvinced that a woman's place could be in the air.

In the mid-1920s the ranks of female aviators were bolstered by Louise McPhetridge, who would go on to become one of the most decorated aviators of her time. McPhetridge was hired by Walter Beech as a sales representative for the Travel Air aircraft company, and by 1928 had earned her pilot certificate. In 1929 she married Herbert von Thaden. Thaden, a San Francisco-based pilot and aircraft builder, constructed the all-metal

Thaden T-1 Argonaut now displayed at the Hiller Aviation Museum. Flying under her married name, Louise Thaden quickly became one of the nation's pre-eminent female aviators, earning the equivalent of an Airline Transport Pilot certificate and going on to set records for maximum altitude and flight endurance.

Despite these advances aviation remained a field partially closed to women. During the interwar years air racing evolved as a high profile means of developing both planes and pilots to their maximum potential, and well into 1930s women were conspicuously barred from participating. In 1929, Thaden joined a select group of 20 women competing in the first Women's Air Derby, a near-transcontinental race from Santa Monica, California to Cleveland, Ohio. The race, also known (derisively at first) as the Powder Puff Derby, featured nearly all of the skilled female pilots in the country, plus competitors from Germany

HALLOWEEN HANGAR HAUNT

SATURDAY, OCTOBER 25,
10AM – NOON



PENINSULA OKTOBERFEST

SATURDAY
OCTOBER 4
11AM – 4PM

SEE PAGE 7
FOR DETAILS



Smithsonian Institution
Affiliations Program

and Australia. Thaden won the competition, besting a decorated field that included such notable pilots as Amelia Earhart and Pancho Barnes. By 1936 the ban on female aviators participating in the National Air Races was lifted, and that year male and female aviators competed directly against each other for the first time. Louise Thaden and her copilot, Blanche Noyes, won resoundingly.



Louise Thaden

Following close on Thaden's heels was Jacqueline ("Jackie") Cochran. Cochran had learned to fly in the early 1930s, and in 1938 repeated Thaden's feat of winning the coveted Bendix Trophy. Cochran excelled in piloting high speed, high performance racing planes and was an outspoken advocate encouraging women to enter the field of aviation. During World War II Cochran lobbied US Army Air Force General Hap Arnold to create a women's flying corps, and in 1943 became director of the Women Airforce Service Pilots (WASPs), which allowed female pilots to fly military aircraft in auxiliary roles such as ferry flights and training missions.



Jackie Cochran

With the creation of an independent United States Air Force following the war, Cochran joined the Air Force Reserve and ultimately achieved the rank of Lieutenant Colonel. Cochran's ongoing association with high performance aircraft led her to become the first female pilot to achieve supersonic flight in 1952, and to become an advocate for the inclusion of women in the astronaut program at the beginning of the Space Age.

NASA did not select its first female astronaut until the late 1970s, but thanks to the trailblazing efforts of aviators like Thaden and Cochran the way to space would gradually open to talented

female aviators and others. These pioneering women in aviation have served not only as exceptional aviators, but as ambassadors highlighting opportunities for women in aviation and aerospace, disciplines deeply underlain by science, technology, engineering and mathematics—often abbreviated as STEM.

Today, scientists like Emily Lakdawalla continue this important work, inspiring the public in general and young people in particular with the allure and majesty of spaceflight. Lakdawalla, a former middle school science teacher turned planetary geologist, completed her master's degree researching radar imagery collected from Venus, and has investigated Martian volcanoes using data obtained from spacecraft orbiting the Red Planet. Lakdawalla currently works with The Planetary Society, the world's largest public-supported space advocacy group, disseminating information gathered from across the solar system and promoting ongoing public involvement in space exploration.

This fall, the Hiller Aviation Museum will welcome Emily Lakdawalla as its featured speaker at the 2014 Benefit Gala, "Unlimited Horizons", to be held on October 18th. The Gala's theme this year celebrates women in STEM and aviation fields and supports the Museum's outreach and education programs.

The Hiller Aviation Museum actively promotes STEM education as a core mission, using aviation and aerospace to encourage all people, and youth in particular, to see science and math as a stairway to the skies. The Museum also preserves part of the history of past pathfinders, exhibiting the 1929 Travel Air flown by Louise Thaden on her record-setting endurance flight.

Throughout its collection, the Hiller Aviation Museum highlights the contributions of a range of remarkable women to the advancement of flight. Come see exhibits commemorating many of these women, or attend the Museum's fall Gala to lend your support to its ongoing mission.

Resources

<http://www.historynet.com/americas-first-women-aviators.htm>, Downloaded 5 Aug 2014

<http://www.planetary.org/about/staff/emily-lakdawalla-extended-bio.html>, Downloaded 5 Aug 2014

The Sky's the Limit. Wendy Boase, 1979
 United States Women in Aviation 1919-1929. Kathleen Brooks-Pazmany, 1991.
 United States Women in Aviation 1929-1939. Claudia M. Oakes, 1991.

President's Perspective



It's been an exciting summer at the museum. Aviation Camp sizzled with 1,200 participants, our biggest summer camp ever. The

program continues to grow with its heavy focus on aviation and aeronautical science, bringing young people a bit closer to their dreams of flight with hands-on experiences that are unique in the Bay Area.

The Hiller Aviation Museum makes a huge impact on youth in our community. Last year, 34,790 children participated in programs at the Museum. From aircraft design and engineering to weather forecasting and flight simulation, children between the ages of 5 and 17 were immersed in real-world applications of science, technology and aviation.

These are the kinds of experiences upon which young people build their future careers. They apply what they learn in school and discover what they are truly capable of achieving. But we cannot do this without you. Your generosity helps fund programs that use tools of science like wind tunnels, flow visualizers and 3D printers as well as helping lower the cost for delivering programs to all students, including those from low-income schools.

Please consider supporting this year's educational programs by making a tax deductible donation using the envelope in this newsletter. This is important work. Your investment helps develop scientifically and technologically literate youth who must flourish to meet the challenges of our 21st century civilization.

Thank you for supporting our mission! There are great things coming and we look forward to seeing you this fall at the Hiller Aviation Museum.

— Jeffery Bass, President & CEO



Unlimited Horizons

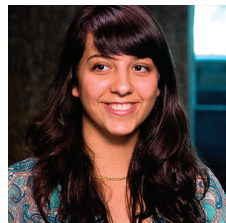
Benefit Gala October 18th, 2014

A night celebrating women in science, technology, engineering, aviation and math



Emily Lakdawalla
Keynote Speaker
Senior Editor & Planetary Evangelist,
The Planetary Society

Emily is a passionate advocate for the exploration of the solar system. She has been writing and editing the Planetary Society Blog since 2005, reporting on space news and explaining planetary science. She appears on the Society's Planetary Radio podcast, answering listener questions and rounding up the latest space news from the blog.



Brienne Ghafourifar
Emcee
Co-founder, Entefy

Brienne is a 19-year-old Silicon Valley entrepreneur on a mission to radically improve the way technology helps people interact. At 17, and as co-founder of Entefy, a tech startup in the mobile communication space, she set a world record as the youngest college graduate to raise \$1 million in venture funding.

SOFITEL HOTEL REDWOOD SHORES RECEPTION AT 6 PM DINNER AT 7 PM
COCKTAILS AND HORS D'OEUVRES GOURMET DINNER LIVE & SILENT AUCTIONS
INDIVIDUAL TICKET: \$300

Corporate sponsorship opportunities available

\$15,000 - \$10,000 - \$5,000

INDIVIDUAL SPONSORSHIPS STARTING AT \$3,500

For more information contact Brady Knight, Director of Development: (650) 651-0200 ext 215 / knight@hiller.org



NAME _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

EMAIL _____

- Contact me about sponsorship opportunities
- I cannot attend; enclosed is my donation
Donations are deductible to the extent allowed by law

Mail to: Brady Knight, Director of Development
Hiller Aviation Museum, 601 Skyway Road
San Carlos, California 94070 or Fax to 650-654-0220

PAYMENT

Event Ticket(s) - Qty: _____ @ \$ _____

Vegetarian Meal(s) - Qty: _____

Donation: \$ _____

Total: \$ _____

Please make checks payable to Hiller Aviation Museum

or: VISA M/C Amex

Card # _____

Exp. Date: _____

Signature: _____

Buy tickets now!

OPEN COCKPIT

SATURDAY
SEPTEMBER 13,
10AM-2PM



Who isn't fascinated with sitting in the cockpit of a modern airliner or a jet? The Hiller Aviation Museum is unique in regularly providing access for visitors to real aircraft cockpits like an A-4 jet trainer, a Hiller H-12 helicopter and our Boeing 747 airliner. On this special day, we swing open additional cockpits including the Boeing 737 airliner, the HU-16 Albatross and the Cessna 177 Cardinal. From general aviation piston aircraft to commercial airliners, you will get a real "hands-on" experience and unique perspective on flying from real pilots and airline captains.

SMITHSONIAN MAGAZINE MUSEUM DAY

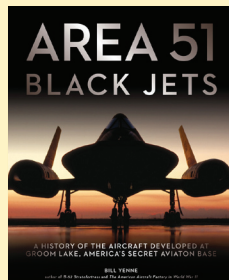
SEPTEMBER 27



Free admission all day for any person (plus a guest) who presents a Museum Day Admission Card available in the September issue of Smithsonian Magazine, or visit www.smithsonian.com/museumday to download your Museum Day Admission Card. Each card provides museum access for two people (one Admission Card per household).

AREA 51 BLACK JETS

SATURDAY
OCTOBER 18, 11AM
PRESENTATION
AND BOOK
SIGNING
BY BILL YENNE



When most of us think of Area 51, we think of aliens, UFOs, and controversial government cover-ups. It's easy to forget that, since the mid-1950s, the United States' famed extension of Edwards Air Force Base has served as a top-secret CIA testing ground for many of the most groundbreaking advancements in American military aviation technology. In Area 51 - Black Jets, author and military historian Bill Yenne offers the first fully illustrated chronology of Area 51's most famous aircraft projects, including Lockheed's U-2 "Dragon Lady" and SR-71 "Blackbird" reconnaissance planes, drones ranging from the early Lockheed D-21 to the modern-day General Atomics MQ-1 Predator, and the famous F-117 Nighthawk stealth fighter produced by the Have Blue program during the 1970s. Each project is given its own fascinating chapter illuminating the aircraft's development at this famed location. But beyond the aircraft themselves, Area 51 - Black Jets also covers a handful of the many classified experimental programs carried out at Area 51 over the years, such as Have Doughnut, Have Ferry, and Have Drill—secret undertakings that successfully reverse engineered such enemy aircraft as the Russian MiG during the Cold War.

AUTOGIRO DAY!

SATURDAY
SEPTEMBER 27,
11AM-1PM
• AIRCRAFT
DISPLAYS
• KIDS ACTIVITY
PRESENTATION



HAROLD PITCAIRN AND AMERICAN AUTOGIRO DEVELOPMENT

Harold F. Pitcairn, born into a wealthy family, channelled his interest in rotary-wing aircraft into the development of the Autogyro upon flying the aircraft in 1928. He licensed the North American Autogyro patent rights and undertook a major development programme coordinated with that of the parent Cierva Autogyro Company, Ltd., in England. Pitcairn's efforts contributed significantly to the development of rotary-wing aircraft and laid the foundation of the helicopter industry in North America.

THE CIERVA AUTODYNAMIC ROTOR

The Cierva Autodynamic Rotor was developed by the Cierva Autogyro Company following the introduction of the tilting hub control system in 1933. The system was intended to utilize the forces acting upon itself to provide automatic jump takeoff capability, rotor rpm governing, tip plane path control, automatic stabilization, and vibration suppression, among other design objectives. Development of the system continued in various forms until 1938, and again from 1945-1949. The Cierva Autogyro Company released very little technical information on the autodynamic rotor and much of what was learnt had to be rediscovered when large scale helicopter development commenced after the Second World War. The autodynamic rotor was unsuccessful as a complete system but components are in common use today.

BAY AREA X-PLANES

Maximum lift drag area, L/D_{max}

Year

SATURDAY OCT. 18

10AM - 2PM

Come meet the creative people that design, construct and fly their own airplanes. These are no ordinary flying machines but skillfully crafted works of art!

Hiller Aviation Museum
(650) 654-0200 * www.hiller.org

SEPTEMBER 2014

SEPTEMBER 1 • 9AM-4PM
Aviation Adventure – Seaplanes

SEPTEMBER 13 • 10AM-2PM
Open Cockpit Day

SEPTEMBER 14
Museum Closed All Day For Private Event

SEPTEMBER 15 • 10AM-12PM
Home School Monday

SEPTEMBER 27 • 10AM-5PM
Smithsonian Magazine Museum Day!

SEPTEMBER 27 • 10AM-3PM
Autogyro Day!

SEPTEMBER 27 • 11AM
Soar With Books Reading Program

SEPTEMBER 27 • 10:30AM, 12:30PM, 2PM
Starlab Sky Show

OCTOBER 2014

OCTOBER 4 • 11AM-4PM
Peninsula Oktoberfest

OCTOBER 5 • 12PM
Air Force Jet Aces

OCTOBER 6 • 10AM-12 4PM
Home School Monday

OCTOBER 18 • 11AM-2PM
Bay Area X Planes

OCTOBER 18 • 11 AM
Area 51 - Black Jets (presentation & book signing)

**GOURMET FOOD TRUCKS •
FLIGHT SIM ZONE • EACH SA
BOY AND GIRL SC
OFFERED EACH MONTH - WWW.H**

HUMAN POWERED AIRCRAFT THE DASH PROJECT —

**BUILDING A 'SIMPLE' HUMAN
POWERED AIRPLANE
BY ALEC PROUDFOOT
SUNDAY NOV 9 2PM**



The DaSH PA project stands for "Dead Simple Human Powered Airplane". The idea; to take as efficient an approach as possible to building an HPA that flies successfully. It's a project started by a group of engineers just for the fun of it, so we can learn while designing and building something challenging, fun and a little bit out there. This talk will begin by discussing the motivation for the project, followed by a dive into the surprisingly extensive history of human powered flight. The design process for the airplane, the engineering challenges, and the final specifications we settled on will all be discussed as well as the construction techniques and how one goes about building an airplane that is half the weight of the pilot, but has a wingspan larger than a 737 jetliner.

Parts of the plane will be displayed and passed around so everyone can get a feel for the ultra-lightweight construction techniques that must be used to make a successful human powered airplane. The DaSH project blog is located at: <http://dashpa.blogspot.com>

ENDAR

OCTOBER 18 • 9:30AM-4:30
Aviation Merit Badge

OCTOBER 18 • 10:30AM, 12:30PM, 2PM
Starlab Sky Show

OCTOBER 25 • 10AM-12PM
Halloween Hangar Haunt

OCTOBER 18 • 6PM
Annual Benefit Gala

NOVEMBER 2014

NOVEMBER 1 • 10AM-5PM
Design Challenge Day

NOVEMBER 3 • 10AM-12PM
Home School Monday

NOVEMBER 8 • 9:30AM-4:30PM
Aviation Merit Badge

NOVEMBER 9 • 9AM-2PM
DaSH Project: Human Powered Airplane

NOVEMBER 15 • 10:30AM, 12:30PM, 2PM
Starlab Sky Show

NOVEMBER 15 • 9:30AM - 4:30PM
Weather Merit Badge Program

NOVEMBER 24-28 • 9AM-4PM
Aviation Camp (no camp Nov 27)

NOVEMBER 28,29 • 10:30AM, 12:30PM, 2PM
Starlab Sky Show

NOVEMBER 29 • 10AM-12PM
Santa arrives by helicopter

• EACH WEDNESDAY, 11AM-2PM
SATURDAY/SUNDAY, 11AM-2PM

SCOUT PROGRAMS
WWW.HILLER.ORG/SCOUT-PROGRAMS

SANTA CLAUS ARRIVES BY HELICOPTER—SAT NOV 29

10AM RAIN OR SHINE. DOORS OPEN AT 9:45

Join the West Bay Community Band and sing Christmas Carols while the kids line up to tell Santa their Christmas gift list. Santa will be at the museum between 10:30AM and 12:30PM before he heads back to the North Pole!

Event included with museum admission.

Sponsored by the San Carlos Chamber of Commerce



Hiller Aviation Museum



German
Food
Brews
Music
and
More!

PENINSULA OKTOBERFEST SATURDAY OCT. 4 11:00AM - 4:00PM

Discount Tickets
Available On-line

Eventbrite

Hiller Aviation Museum 601 Skyway Rd, San Carlos
(650) 654-0200 * www.hiller.org

PENINSULA OKTOBERFEST! SATURDAY, OCTOBER 4 • 11AM-4PM

Oktoberfest is at hand! Over two hundred years after Crown Prince Ludwig and Princess Therese of Saxony-Hildburghausen wed, the Hiller Aviation Museum joins the celebration with a special Oktoberfest beer, music and dining event on Saturday, October 4th.

In honor of the great festival held in Munich each year, the Peninsula Oktoberfest will pour:

GREAT MICROBREWS AND SEASONAL BEERS FROM:

GORDON BIERSCH
DEVIL'S CANYON
VOODOO BREWING COMPANY
UNCOMMON BREWERY

GERMAN BEER:

HOFBRAU OKTOBERFEST AND MARZEN, WELTENBURG DUNKEL, ANDECHS DOPPELBOCK, ANDECHS HEFE, STIEGL RADLER
German food will be available for separate purchase. Plenty of sausages, bratwurst, and sauerkraut

Two Bands; traditional Bavarian from the *San Mateo Elks Band* and *Bayern Maiden*, *The Rockin' Oktoberfest Band* playing the hits directly played from the tents in Munich

Basic admission to Oktoberfest is: Beer glasses (required for drink purchases) \$2/each. Oktoberfest brews available for \$5/pour. Event included with museum admission. Discount



tickets available on Eventbrite www.hiller.org

Free admission for Museum Members.
EVENT WILL BE HELD RAIN OR SHINE!

WELCOME MEMBERS!

We would like to welcome the following new and returning members May through July:

Karen Abolt, Priti Agarwal and Manish Tiwari, Ernest and Patricia Aguayo, Lydia Alexander Kapoor and Rajil Kapoor, William Allen, Almaden Press, Ketan and Preeti Amin, Yogesu Amle and Mukti Naik, Gary A. and Harriet Anderson, Roger and Donna Anderson, Minoo Aram and Manoochehr Moshiri, Christine Arnould, Brady and Kelly Arrillaga, Wendy Ashton and Tammy Mason, Vijaya Bahadursha and Joseph Kalapala, Laurie and Mark Balch, Melanie Baldwin, Dee Ball and Benet Broehl, Indra and Kevin Barlow, Jessie and Travis Becker, Michael Beebe and Stacie Lambert, Jean Marc and Thomas Bellemin, Robert Belstock, Souhila Benmayouf and Nabil Bouah, Joe Bergard and Suzie Kirrane, Brad and Doris Bergum, Robert Bertram, Victoria Blackmon, John and Jeri Blatt, Mark Jon Bluth, Rick and Alexi Boarman, Michael Borovina and Rachel Teetzal, David and Jill Bowman, Robert and Marcy Boyles, Jean and Jason Brady, Mark and Jill Brier, Lola Browne, Chelsey and James Bucher, Bianca Byrne, Stephanie Calsing, Spencer Calsing-Lyons, Alain and Danielle Camou, Stan and April Campbell, Jing Cao and Lin Zhang, Candace Capps and Suvas Vajracharya, Maria Capuzelo, Nathan Carroll and Yume Phung, Greg and Victoria Chakerian, Monica and Rishi Chandra, Eddie Chang and Carissa Lee, Jehmae Chen and N. Friedman, Andrew Chen and Kwan Lau, Xuanbin Chen and Minmin Jiang, Ruliang Chen and Ning Zhu, Chin-ping Chen and Chih Chiang Hsieh, Tony Chou and Kristine Miller, Rosemarie and Jim Christensen, Alexandria Chung and Benjamin Yang, Jason Coffey and Cecilia Chang, Louis C. Cogliani, Christopher and Cindy Combs, Gloria and David Comfort, Andrew Conroy and Esther Selk, Oliver Coolidge, Debbie Cote and John Haruff, Michael and Katie Coyle, Yongping Crawford, Meghan Crowell and Jason Trimbom, Fred Cullum, T. Roger Danielson, Rajat Das, Ken Davis, Carol Day Paine, Elizabeth and Vinicio De Jesus Perez, Dan Deweese, Rick Dewey and Erin Barnhart, Chris and Christine DiBona, Eloise Diep, Sanjay Dorairaj and Pauline Vincent, Elizabeth Dougherty and Jeff Blair, Marquita and Joshua Druker, William and Johanna Durrett, Robert L. Dye, Clara Eberhardy and Patrick Vu, Scott Edelstein, Andrew and Towah Eichenbaum, Dave and Sue Ellis, Diana and Matt Elvander, Vlad Eroshin, Hector A. Espinola, Ricky and Pamela Estrada, Robin Estrada and Jeronimo Soriano Estrada, Angela and Mark Estrada-Dennis, Mary Ezra and Yeuk Yuan, Andy Farlie and Celia Bird, Jolene and Jay Feldman, Lisa and Fabrice Ferino, Emma Fernandez and Sonya Babcock, Enrique and Amy Figueroa, Ben Follis and Sandra Brekke, Robert Freedman, Beth Frensilili, Bill and Rhoda Fry, Alexis Garcia and Rand Wacker, Paul R. Gardner, Barbara Garrett, Alexey Gavrilov, Jennette and Douglas Gay, Trevor Gearin, Ari and Nicole Geshler, Jo Rawlins Gilbert, Marites and Paul Gonzales, Simon Gordon and Shan Liu Gordon, Samuel Gotgelf and Leon Leytes, Stan Grell, Morton Grosser, Sandro and Krysta Guglielmin, Rohit and

Nidhi Gupta, Michael Guthrie and Jeffrey Welsler, Shakila Hameed and Emilie Bupp, Helen Hamel-Dolling, Arthur M. Hardee, Basir Harooni and Naghmeah Vahidian, Lynn Hart, Vincent Havart, David B. Heath, Heather Heath and Donji Cullenbine, James Heeger and Daryl Messinger, Michael Henshaw and Owen Donnahoo, John and Sandie Hesler, Mike Hess, Robert B. Hicks, Tania and Len Hodgins, Rhona and Rodney Hoelsken, Wallace and Lindsay Holland, Bonnie Homan, Gene Hong, Christopher Hoover and Kim Ladin, Kathryn Hopkins, James and Xanthe Hopp, Tracy Huang and Larry Wang, Tom and Michelle Huljev, Boris V. Ilinets, Brian and Carol Irvine, Erica Iyer, Lonhyn Jasinskyj and Liz Landis, David and Deborah Jasso, Rajeev Jayavant and Ana Mendez, Walter Johnson, Dan Johnson and Lisa Caputo, Dave and Glenda Jones, Mahesh Joshi and Purvi Jejurkar, Shannen and Jeremy Jung, Sean and Elizabeth Kamath, Kamesh Kanagaraj and Menaka Baskaran, Marc and Marguerite Kaufman, Leslie Kelly, Shawn Kerrigan and Laleh Haghsheenas, Can Kirmizibayrak and Aya Aytjanova, Andrew and Jennifer Kitt, Ching Han Ko, Paul and Lorraine Kostka, Joan E. Kral, Ruth Krumbhaar and Russell Long, Russell and Cara Kuroda, Barton and Elizabeth Lane, Paula Mahan, Adam and Cindy Malamy, David Marasco and Fleur Upregraft, Chris and Jennifer March, Carrie and Michael Marquez, Lynn and Jerry Martuscelli, Jin and Mariko Matsumura, Yoshinori and Yukiko Matsunobu, Fred and Lawrence Maurel, Amy McCarthy, Steve and Joyce McCreery, Steve McKenna and Michelle Martinez, Amy Mehdizadeh, Halina Melnik, David Menche, Laura Mendelson, John Mendieta, Joel Meredith, Ed and Dina Miklovsky, Stephen and Barbara Mikulic, Thomas Miller, Albert Mizuhara, Sateesh Moola and Thara Gopinath, Ryan and Eve Moran, Rand Morimoto and Ana Henderson, William Morrow and Elisabeth Gilmore, Michele and Eric Moyer, John Muniz, Judy Munzig and Katherine Dachs, Peter Murray and Robin Talmadge, Paul K.C. and Maria Antonia Narth, Colette Nehrenheim and family, Silke and Timothy Nelson, Parisa Nesva Derani, Lori Newkirk and Aldo Gomez, Thao Nguyen and Ray Waldin, Einar B. Nielsen, Paul W. and Sydney Nordt, Alison Nordt and Glen Sapilewski, Mary Ann Norfleet, David A. Norris, Bennette and Ashley Nulph, Csongor Nyulas, John N. Olson, Te-Feng Pan, Katie Passalacqua, James Paton, Anthony and Rebecca Pecore, Nicholas Pera, Vikram Pesati and Uma Devi-Pesati, Oliver and May Petry, Chris and Tanner Piety, Wolfgang Polak, Robert I. Potter, Ben and Amanda Premack, Andrew and Gina Preston, Dharmang and Pinky Purohit, Christa

Quarles and Emma Escobar, Suzannah and Matthew Radack, Carolina Ragolta, Ramu Ramamurthy, Brian E. Ramsey, Indrani Rebbapragada and David Breckenridge, Tim Rechin, Bradley Richter and Margaret Tomaszewska, Rebecca Robinson and Edward W. Johnson Jr., David and Rebecca Rodnitzky, Elizabeth Rolfe, Jeff and Mary Rosenberger, Joep and Cindy Rottinghuis, Roman and Elena Rozhkov, Al Ruffinelli, Joe and Mary Sacco, Joshua Saffren and Mimi Bloom, Shellie Sakamoto and John Takemoto, Peter and Bec Sankauskas, Luis and Maura Sarat, Harry and Carol Sarnak, Ken and Natalia Schaff, William Schick, Ken Schmidt, Marilee and Andreas Schultz, Sam Scott, Maureen and Mark Sedrak, Natalya Sergeyeva, Ben and Polina Sfarid, Ashmi and Navin Shah, Donald and Elta Sharp, Holly and Blake Sichel, Kevin and Yen Siegel, Geraldine Silverio and Leo Sevilla, Medi Sinaki and Mina Malaki, Julia Sirotna and Terry Clark, John and Anna Slavitt, Abby Smerklo and Hetty Bayley, Sharon Smith and John Williamson, Douglas and Diana Sonn, Jessorina M. Soriano and Jennifer Soriano Kulin, Devendra and Vimeeta Srivastava, Allon and Hazel B. Stabinsky, Kerry and Daxs Stadjuhar, Alex and Katie Stamos, Leor and Deborah Stern, Kathie Stone, John Straubel, Catherine B. Stuart, William Stubkjaer, Megan and Scott Sullivan, Michael Sullivan, Evelin Sullivan, David and Julie Supan, Margit and John Surfus, Don Swinehart, George Symons, Jason and Angela Szeto, Adam and Liz Talmadge, Velina Taneva, Kathryn Tanner, Daniel M. and Pat Tellep, Gilberto and Jaime Teodoro, Manuel and Isabella Terranova, Craig and Lianne Thompson, Eric and Stephanie Tilenius, John and Sonja Tillman, Laura and Michael Torresan, Katherine and Lief Tsai, Danni Tsai, Steve and Caroline Tsang, Stephen and Marija Twigg, Nicolai Utehin, Rafael and Cyrena Valladares, Hans and Babette Van Antwerpen, Ria Van Hoef and Peter Tong, Deanne and James Vanke, Girish Vasvani and Rashmi Bindra, Narasimha Denduluri Venkata and Dhulipala Vydetiz, Angelica Villa and Inostrova Family, John and Marie Violet, Kristina and Stevan Vlaovic, Edward Von Der Porten, Saba Waheed, Randy and Catherine Waldeck, Joshua Walker and Sandra Gu, Anja and Timothy Walsh, Yan Wang, Hua Wang and Yu Zheng, Shibing Wang and Diling Zhu, Susan Ward, Philip G. Warnes, Sean and Melissa Warren, Lee Waxman, Mark Weiss, Stefanie Wen and Peter Wise, Mary Wilke and Craig Hiland, Jan and John Williamson, Joseph Wilson, Ursula and Richard Wisniewski, Scott and Lillian Withrow, Fred Wolfe, Robert and Elizabeth Wolfe, Sainly Wong and Denise Yamasaki, Alan and Kelli Wong, Theodore and Addie Wong, Julie Wu and Calvin Yang, James and Minnie Wu, Allison Xu and Jun Chen, Grace Yokoi and Eli Manjarrez, Yenni Young and Vincent Hong, Henry and Xian Yu, Cissy Yuan and Bin Zhang, Jun Zhao and Hui Ling Gong, Terry and Jennifer Zody, Yevgeniy Zolotukhin

Air Force Jet Aces

Presented by the Northern California Friends of the American Fighter Aces Association

October 5th, 2014

The Hiller Aviation Museum

Located at the San Carlos Airport adjacent to Hwy 101
601 Skyway Rd., San Carlos CA 94070 650-654-0200 www.hiller.org

Join us as we present our fall 2014 Fighter Ace Symposium. Don't miss this rare opportunity to meet these Air Force Aviators who flew and fought during the Korean and Vietnam wars. You will have an opportunity to meet and hear the Aces as they share their experiences flying in combat.

THE EXPECTED PANELISTS

- LT GEN Charles "Chick" Cleveland, USAF, F-86 Ace in Korea
- BGEN Steve Ritchie, USAF, F-4 Phantom Ace in Vietnam
- COL John Lowery, USAF, Korea & Vietnam Fighter Pilot

The Northern California Friends is associated with the American Fighter Aces Association and is a not-for-profit, all-volunteer organization. Our mission is to present the history of the American Fighter Pilot and Fighter Ace.

Northern California Friends P.O. Box 5943, Concord, CA 94524
(408) 725-8095 or email: pwschasker@comcast.net

****Be sure to include the names of everyone in your party with your check****

Symposium Admission Rates:	Event Schedule
Event Admission - \$30.00	Noon Doors Open / Social Hour 1:15 Raffle Drawing 1:30 Panel Session 3:45 Autograph Session 4:45 Depart Facility

AUTOGRAPH POLICY: A ticket is required for each autograph, and tickets will be priced at \$5.00 each. Books and Photos purchased at the event will include a ticket. The Aces ask that signatures be collected **only** for personal use; the autograph session is **not** for commercial enterprises.

Admission tickets will be held for you at the door; walk-up registrations cannot be guaranteed

*****ONLY BOOKS AND OTHER FLAT ITEMS WILL BE SIGNED*****

For questions call us at 408-725-8095 or e-mail us at: pwschasker@comcast.net

Be sure to include the names of everyone in your party with your check.



Hiller Aviation Museum
Golf Tournament

Thank You To Our Sponsors!

Glimmerglass
Optical Cyber Solutions

Vicky Benzing
RetailNet Group
Workshop Education
David Frosh

J & M, Inc.
GENERAL
ENGINEERING
Construction
Phone 925 724-0300

CHASE CHEVROLET
1944

CSI
CRYSTAL SPRINGS CATERING

TOYOTA

ACTION SIGN SYSTEMS

SUPPORT
THE
MUSEUM!

Donate Your
Car, Truck, RV,
Boat, Airplane
or Helicopter



Call Toll Free
1-800-677-1744
Tax Deductible Gift

EDUCATION PROGRAMS FALL 2014

AVIATION ADVENTURE DAYS

FULL-DAY PROGRAMS FOR FALL 2014

9AM – 4PM (Extended Hours Available)

Depart on a full-day adventure in aviation for Grades K-5! Build and fly model aircraft, take on challenging flight simulations, explore Museum aircraft and more, while exploring a unique subject in flight.

Visit www.hiller.org for complete program descriptions, registration forms and additional information. We'll see you there!

SEAPLANE PILOT

MON, SEPTEMBER 1

HELICOPTER AVIATORS

MON, NOVEMBER 10

AIRLINE TRANSPORT PILOT

TUES, NOVEMBER 11



SCOUT PROGRAMS 2014-2015

Scouts may visit the Hiller Aviation Museum this fall to earn Merit Badges or Patches in a special program just for Scouts!

Boy Scouts Grades 6-12 may join Aviation or Weather Merit Badge programs. These full day programs are filled with hands-on activities fulfill the requirements for each badge and are presented by Education staff trained as Merit Badge Counselors able to endorse Scout blue cards.

Half Day programs are available to Girl Scout Daisies, Brownies, Juniors and Cadettes. Brownies and Juniors receive a special Hiller Aviation Museum patch, and Cadettes receive the legacy Aviation Interest Patch.

Registration for all programs is available online at www.hiller.org, or call (650) 654-0200 for more information. We'll see you soon for an airborne adventure



HOME SCHOOL MONDAYS

DROP-IN FIELD TRIP TOURS AND PROGRAMS GRADES K-8

Field Trip Admission Prices All Day • Hands-On Program 11AM-12PM

Home school students with parents are welcomed to join Home School Mondays! Students Grades K-8 may be admitted individually at the field trip rate of \$3.50/student when accompanied by an adult paying regular Museum admission. 50-minute hands-on programs are available for an additional fee at 11 AM. No reservations are necessary, space is available on a first-come, first-served basis.

SEPTEMBER 15

OCTOBER 6

NOVEMBER 3

DECEMBER 1



STARLAB SKY SHOW

30-MINUTE ADVENTURES IN THE NIGHT SKY!

Children Ages 5 and Up (Ages 3 and Up First Show Daily)

10:30 AM • 12:30 PM • 2:00 PM

Crawl into the Starlab planetarium's enormous dome to see the night sky and discover the stars, constellations and planets visible in that evening's sky. Space is limited; tickets (additional fee required) are available at the Gift Shop on the day of the event.



SEPTEMBER 27

OCTOBER 18

NOVEMBER 15

NOVEMBER 28

NOVEMBER 29

HALLOWEEN HANGAR HAUNT

HALLOWEEN HANGAR SATURDAY OCT 25 10AM-12PM

HELICOPTER PUMPKIN DROP AT 12 NOON!

Visit the Hiller Aviation Museum this October for a frightful treat! Come in costume and see the Gallery decked out in its spooky Halloween decorations. Join the Creepy Carnival games to earn special prizes, meet our flying witch and sign her special Halloween pumpkin. Join a spooky honor guard to accompany the witch to her helicopter before she takes off and splats the great orange gourd across the landscape below in a festive salute to the Halloween spirit! Event included with Museum admission.



AVIATION CAMP

AVIATION CAMP—PILOT CADETS

SPECIAL 4-DAY PROGRAM

NOVEMBER 24-28 (NO CAMP THANKSGIVING DAY)

PARTIAL WEEK ENROLLMENT AVAILABLE

Join a special holiday session of Aviation Camp for children entering Grades K-5! Pilot Cadets explores the world of the pilot with model aircraft construction, flight simulation, special aircraft experiences and more. Camp is available 9 AM—4 PM daily with extended hours available for an additional fee. Visit www.hiller.org for a complete description and daily/weekly program prices.





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

Halloween Costumes



Be an Aviator,
pioneer
airline pilot
fighter pilot
or astronaut

Suit up in
the Gift Shop!

**GREAT PLACE
TO GET THAT
HARD-TO-FIND
AVIATION-RELATED
HALLOWEEN
COSTUME.**

JOIN NOW!

\$40 Senior (age 65+)

Includes admission for you plus two guest passes and all membership benefits.

\$55 Individual

Includes admission for you plus two guest passes and all membership benefits.

\$80 Family

Includes admission for two adults and up to four children, (age 17 and under) plus discounted registration for Aviation Summer Camp and Programs, plus all membership benefits.

\$105 Pioneer • \$255 Pilot

Includes Family membership benefits plus two guest passes, recognition in Briefings and recognition on the museum Membership Wall for the current year.

\$500 Barnstormer • \$1,000 Adventurer
Includes Pilot membership benefits plus recognition on the museum Donor Wall, four guest passes and a 10% discount on museum rental and birthday parties (based on availability).

\$2,500 Explorer • \$5,000 Navigator
Includes Barnstormer membership benefits, eight guest passes plus 15% discount on museum rental and birthday parties. (based on availability).

\$10,000 Aviator

Includes Explorer membership benefits, twelve guest passes, 25% discount on museum rental and birthday parties (based on availability) and a Hiller Aviation Museum jacket.

Membership Application

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

- | | |
|--|---|
| <input type="checkbox"/> \$40 Senior (65+) | <input type="checkbox"/> \$500 Barnstormer |
| <input type="checkbox"/> \$55 Individual | <input type="checkbox"/> \$1,000 Adventurer |
| <input type="checkbox"/> \$80 Family | <input type="checkbox"/> \$2,500 Explorer |
| <input type="checkbox"/> \$105 Pioneer | <input type="checkbox"/> \$5,000 Navigator |
| <input type="checkbox"/> \$255 Pilot | <input type="checkbox"/> \$10,000 Aviator |
| <input type="checkbox"/> New Member | <input type="checkbox"/> Annual Renewal |

PRIMARY ADULT MEMBER NAME: _____
(FOR FAMILY MEMBERSHIPS)

SECOND ADULT MEMBER NAME: _____

ADDRESS: _____

CITY: _____

STATE: _____ ZIP: _____

DAYTIME PHONE: _____ EMAIL: _____

THIS IS A GIFT MEMBERSHIP FROM: _____

PAYMENT AMOUNT: _____ VISA MASTER CARD AMERICAN EXPRESS

CARD # _____ : EXP. DATE: _____

SIGNATURE: _____

All memberships are annual. Thank you for your support!

Please make checks payable to: Hiller Aviation Museum, 601 Skyway Road, San Carlos, CA 94070
Tel: 650-654-0200, Fax: 650-654-0220 Donations are tax deductible to the extent allowed by law.