

BRIEFINGS



DECEMBER 2018

HILLER AVIATION MUSEUM WHERE INSPIRATION TAKES FLIGHT

SWORDS TO PLOWSHARES

The fighting heritage of the Aero Commander

by Jon Welte

Not long after the deafening roar of the final Schneider Trophy race echoed away, the state of the art in aeronautics was once again being advanced faster and farther. This time, the catalyst was war, not peace – authoritarian governments gained power in Europe and Asia, and across the world nations began to rearm once more. The value of air power had been established indisputably in World War I, and in the ensuing decades advancements made in air racing and also with long range flights such as Lindbergh's crossing of the Atlantic in 1927 demonstrated that control of the air would be an essential prerequisite for success in future conflicts.

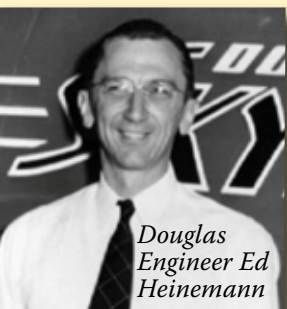


Douglas A-20

airmen of Japan did their emperor's bidding high above China, three particularly talented American engineers combined their efforts to conceive an all-new design.

The project, internally named Model 7A, was led by the Douglas Aircraft Corporation. Conceived by legendary designers Jack Northrop, Ed Heinemann, and Donald Douglas himself, the goal was to build a high speed bomber able to fly in contested airspace. The initial design featured twin engines, a shoulder-mounted wing, and wing planform with a distinct reverse sweep along the trailing edge. While projected performance was impressive compared to contemporary US bombers such as the Martin B-10, the engines available at the time could not make the aircraft competitive with newly emerging threats such as the Messerschmitt Bf 109 then making a devastating debut in combat.

Before long, the powerful Pratt & Whitney R-1830 Twin Wasp engine became available for the aircraft, more than doubling available horsepower. Now led by Ed Heinemann, the Douglas team created an improved Model 7B and submitted it as part of a US Army tender for a new attack



Douglas Engineer Ed Heinemann

Despite much isolationist sentiment, the United States sought better aircraft for defense in the late 1930s as well, and thanks in part to the racing era was in a far stronger position

to innovate than two decades earlier. In 1937, as the Luftwaffe reinvented aerial warfare in the skies over Spain and the



Smithsonian Institution
Affiliations Program



plane. The Douglas team lost out to North American Aviation, which went on to build the B-25. However, the competition had been observed with great interest by French representatives. In short order the French Air Force placed an order for the new airplane redesignated DB-7, or Douglas Bomber 7. Production began just as France entered World War II. Only threescore aircraft had been delivered when the German invasion of France began in earnest in 1940, and while they

“Many DB-7s remained to be delivered when France surrendered to Germany in 1940.”

were among the most sophisticated bombers available to the French, they and the rest of the Armee de l’Air were overwhelmed as the French Army retreated before the German blitzkrieg.

Many DB-7s remained to be delivered when France surrendered to Germany in 1940. Those deliveries were diverted to Great Britain, where they saw service as the Boston I and Boston II. The Royal Air Force had a substantial stable of medium



bombers available during the conflict, and employed its Bostons largely in night fighting and ground attack roles. One of the most unique variants was the Turbinlite modification, which essentially turned the aircraft into an enormous flying flashlight for use in illuminating German bombers at night.

Great Britain purchased many additional DB-7s during the war, as did other Allied



nations. The United States ultimately adopted the type as well, designating it the A-20 Havoc. Used as a bomber, intruder and night fighter, the A-20 contributed to the war effort on behalf of many nations in theaters all around the globe.

Even as the A-20 went to war, a small group of Douglas engineers conceived of a role for the aircraft in the coming time of peace. Working after hours under the leadership of Douglas engineer Ted Smith, this scratch team designed a smaller airplane sharing many of the A-20’s distinctive design features. The Aero Design and Engineering Company was formed specifically to build the airplane and bring it to market. The prototype flew in 1948, and the first production model – the Aero Commander 520 – was built in 1951.

Originally designed as a small airliner for use serving secondary airports, the Aero Commander quickly found favor as a corporate transport. Able to carry up to seven passengers at 200 mph across distances of 1,000 miles per more, the Aero Commander was an ideal vehicle for executives and small business owners. The Aero Commander’s military heritage also helped it achieve excellent performance when operating out of short airfields – a quality that led to one of its most remarkable “corporate” assignments. In 1955 the United States Air Force ordered a small force of Aero Commanders (designated U-4B in USAF service) for use as Presidential transports. Ideal for transporting President Eisenhower in and out of a small airstrip near his farm retreat at Gettysburg, Pennsylvania, the Aero Commander was the smallest airplane to serve as Air Force One – though the now-distinctive call sign was not introduced until 1959, shortly before the retirement of both President Eisenhower and the U-4B.

The Aero Commander also gained fame as the favored steed of one of the nation’s most celebrated pilots. From 1979 to 1999, test pilot Bob Hoover piloted an Aero Commander 500U through an airshow routine that would be remarkable for any aircraft. Hoover’s performances culminated in an exceptional display of airmanship. Hoover would shut down both engines in flight and complete a loop, roll, approach and dead stick (unpowered) landing, often rolling back along the runway or ramp to show centerline. The last Aero Commander was produced in 1986, but Hoover continued to fly his performances until 1999.

“The last Aero Commander was produced in 1986.”

In October 2018 the Hiller Aviation Museum welcomed a 1968 Aero Commander 500U to its collection. Generously donated by Paul Seipp, this aircraft displays many of the same design features engineered into the original, larger Douglas A-20 in 1937. Opened to the public November 21, the Hiller Aviation Museum’s Aero Commander ably demonstrates the remarkable features of an airframe first conceived more than 80 years ago.



Resources

<https://airandspace.si.edu/collection-objects/north-american-rockwell-shrike-commander-500s>,

Downloaded 31 Oct 2018

Forever Flying, Bob Hoover, 1997

Wreaking Havoc: A Year in an A-20, Joseph Rutter, 2003

Air Force One: A History of Presidents and Their Planes, Kenneth Walsh, 2003

PRESIDENT'S PERSPECTIVE



Our annual fundraising event, “Bold Dreams, New Frontiers” celebrating the museum’s 20th anniversary was held in October and thanks to the hard work of

the museum Board, volunteers, our MC Sandhya Patel, guest speaker Ivar Satero and our own Rebecca Duran, Vice President of Development, the event was one of our most successful, ever.

We’re pleased to display a new aircraft in the museum, a twin engine Aero Commander 500-U, generously donated by Paul Seipp, which will primarily be used in our education programs providing youth the opportunity to manipulate the controls of a complex aircraft. The aircraft is on permanent display outside as part of our runway observation area.

Also, in the gallery’s “Working World of Aviation” section, a new display called “Forces of Flight” is taking shape. In images, text and video we’ll answer the question, “How do airplanes fly?” Particular attention will be paid to that seemingly mysterious property of flight called “lift.” We dispense with erroneous, often over-simplified, explanations and show how air acts as a fluid that can be “turned” by wings moving through the air.

Finally, we wish to welcome a new member to our museum’s Board of Directors, Kirsten Komoroske. She is the Executive Director of the Walt Disney Family Museum and we look forward to her participation in bringing a fresh and inspiring perspective on museum governance to our organization. Welcome aboard, Kirsten!

A heartfelt “thank you” goes to all of the many contributors, visitors and museum Members for supporting us and making the museum part of your lives. There are great things coming and we look forward to seeing you this winter at the Hiller Aviation Museum.

*Jeffery Bass, President & CEO
Hiller Aviation Museum*

NEW MEMBERS

John Abbassi and Neda Molai, Mike and Jaclyn Adam, Crystal and Ben Adams, Oshri Afanzar and Tamar Shlapohersky, Olesya Agafontseva, Gagan Aggarwal and Parikshit Gapan, Vikram Aggarwal and Neha Pandey, Jason and Christine Allen, Wayne D. and Julie Allen, Greg Ammen and Grace Spiridon-Ammen, Roger and Susan Anderson, Marilyn Anderson, Anelia Angelova and Dragomir Yankov, Antonio Arena and Marianna Von Bieren, Dana and Jon Bailey, Marcel and Queenie Balmeo, Francesca Baraggioli and Jean-Paul Sanday, Jeanine and Darren Batara, Michael Beebe and Stacie Lambert, David and Katherine Belden, Shachar and Tal Ben-Hador, Steven Berger and Paula Hughmanick, Ron and Nina Berkovits, Candy and Alun Bermingham, Shawn and Suzette Berry, E. Ronald and Penny Blake, Richard Blessing and Melissa Buren, Valerie Bolante, Christian and Cara Bollinger, Scott Bolton and Lindsay Held, Jorge Borbolla and Christianne Mares, Gregory Brail and Linda Henigin, Kim and Kristina Branson, Jean-Claude Brizard and K. Brooke Stafford-Brizard, Michael Broadbear and Na Yang, Sara Brown and Jessica Mansano, Michael and Rosibel Bruce, Anna and Alex Burliga, Bobbe Sue Burns-Love and Edward C. Love, Janice Byrns, Raul Cabezudo and Regina Ayala, Jade and Lindsay McWilliams/Terri Fleming Calacanis, Grace Campbell and Keegan Black, Steven and Natalie Carbone, Wejo and Jeff Carion, Frances Carrasco and Harold Leyerle, Amy Cavanagh and Jason Smathers, Evelyn Chan and Shijun Liu, Molly Chao and Jeff Wallace, Amy Chen and Yu-Ping Lien, Stephanie Chenevert and Luis Balenko, Chunxia Cheng and Liping Sun, Jim Cheng and Vivien Tsang, Sarah and Robert Chinn, Gary Christenson and Brian Ballou, Cheng-Tao Chu and Sheau-Haru Yu, Brian Chuck and Andrea Tang, Paul Justus and Min Lee Chun, Samuel Chung and Tingting Shi, Vichelli Churchill and Vivien Co, Abby and Robert Earl Tyson Clark, Jason and Quynh Cline, Nicky Colaco, Thomas and Donna Cole, Carla Collins, Paul and Susan Constantinides, Harry Cook III, Naxielly and Rolando Cordoba, Mandy and Adam Cornwell, William H. and Tammy Crown, Shai Darin and Edit Sieradzki, Zhanibek Datbayev and Samal Zhussupbekova, Steven Davidovich, Janet and Brian Davis, Aric and Fernanda Davis, Gillian and Paul Davis, Matthew and Katherine A. Debski, Nick Dellaporta, Kimberly Dempsey and Fredrick Randall Wilbur, Joe and Maureen Dermenjian, Neal and Jan Didriksen, Denise and Arceo Dimaculangan, Maree Doden, Assia and Valery Dolgashv, Sergey Doronichev and Karina Doronicheva, Julie Ann and John Dougery, William D. Douglass, Kimberly Dubin, Katherine and David Dulany, Luke Dunne, Elizabeth Dunston and Thomas Brankham, Kenneth Dyke and Lorien Cunningham, Tovah and Andrew Eichenbaum, Daniel and Jessica Epstein, Ayca and Serkan Erdogan, Anthony Falzone and Jennifer Franzier, Robyn and Brian Fignshow, John Fisher, Farhed Fred Foroudi and Chekameh Kazerouninia, Joel and Stephanie Francisco, Staci and Jon Friesel, Juliana and John Gaither, Pramod Gajre and Deepa Mohanpurkar, Yan Gao and Hu Yang, Katherine Garcia and John Brown, Karen Garcia and Jason Marquez, Frank and Elizabeth Garcia, Warren Garperio and Venice Asuncion, Jennette and Douglas Gay, Gayenell and Sam Gentelia, Richard A. George, Rosanne Gephart, Ronald and Andrea Gerola, Robert and Talia Gibson, Dorene and Roger Goad, Gireesh Gobalakrishna Kartha and Sreedevi D. Potti, Irene Gomez-Gasteasoro, Mary Goodman, Anand Gopalan and Nandini Easwar, Ruth and Perry Gordon, Morton Grosser, Michael Guthrie and Jeffrey Welsler, Alfonso Gutierrez, Charles and Crisanta Hafner, Abby and Burhan Haile, Jason Harrell and Jennifer Morrice, Wendy Harrington and Tetiana Busel, Kingsley and Allison Harris, Cathleen and Stephen Hartman, Catherine and Duncan Harwood, Atsushi and Kiyoko Hasegawa, Rong He and Min Xu, Peter Hebert and Juana Cuba, Kristin and Philip Heron, Chris and Karen Hetz, Andreas Hildebrandt and Gloria Moreno, Katherine Hill, Jet and Kennis Ho, Greg and Jonathan Hopkins, Lee and Nicole Horner, Philip and Catherine Houdek, Helen and Michael Howard, Jenyi Huang and Sam Qiu, Lyman and Susan Hurd, Adriana Jazbor-Indek and Lukasz Indek, Patrick Johnson and Kristiann Choy, Greg Johnston and Katie Kvam, Mahsa Kamali and Hossein Mobahi, Harvey S. and Gay T. Kaplan, Grigori Kapoustin and Karen Abesamis, Nandini Kappiah and Nandan Tammineedi, Jayme Karle and William Kinsella, Alex Karpovich and Brendan McDonnell, Jeff Karras and Helen Yi, Kristopher Kastens and My Phuong Truong, Nolan Katz, Peter and Theresa Kelly, Natalia and Andrew Khilko, Houn Kim and Youngin Shin, Seong-Min Kim, Gautam Kollu and Erin Higbee-Kollu, Larisa Konopleva, Karl Kossen and Tricia Lively, John and Christina Kovach, Susan and John Kraft, Kevin and Courtney Krueger, Peter Kuo, Russell and Cara Kuroda, Dan Ladabaum and Evelyn Kim, James and Esther Lafayette, Giriprasad and Aryaditya Lankipalle, Mark

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SANTA CLAUS ARRIVES BY HELICOPTER

SATURDAY DECEMBER 1, 10 AM – 12PM
RAIN OR SHINE. DOORS OPEN AT 9:30.

Join the West Bay Community Band and sing Christmas Carols while the kids line up to tell Santa their Christmas gift list.

No Museum admission fee required for this event!

Sponsored by



SR-71 PILOT BRIAN SHUL, SATURDAY DECEMBER 29, 11AM

Brian Shul is one of the most popular and dynamic aviation speakers in America today. As an Air Force fighter pilot, Brian was shot down in the Vietnam War and severely burned in the ensuing crash. Initially given up for dead, he was rescued and spent one year in hospitals, endured 15 surgeries and was told his flying days were over. Amazingly, Brian returned to active duty flying, became an Airshow Demonstration pilot in the A-10, went on to become a TOPGUN instructor, and culminated his Air Force career by flying the top secret spy plane, the SR-71. Flying the

world's fastest and highest flying aircraft required an astronaut physical and Brian made Air Force history when he passed with no waivers.

CALENDAR

DECEMBER

SAT, DEC 1 • 9:30 AM – 12 PM
Santa by Helicopter

SUN, DEC 2 • 2:00 PM – 4:00 PM
Flight Sim Rally

SAT, DEC 6
Museum Closed Private Event

SUN, DEC 9 • 10 AM – 12 PM
Kids' Carnival

SUN, DEC 16 • 1:30 & 3:00 PM
Aero Workshop

THUR-FRI, DEC 20, 21
Aviation Camp

SAT, DEC 22 • 10:30, 11:30, 12:30
Starlab Sky Show

SAT, DEC 25
Closed All Day

WED-FRI, DEC 26-28
Aviation Camp

WED, DEC 26 • 11AM
Perfect Paper Planes – John Collins

SAT, DEC 29 • 11AM
SR-71 Pilot Brian Shul

SUN, DEC 30 • 1:30 – 3:30 PM
Drone Meet

MON, DEC 31 • 10AM – 1PM
Noon Years Party

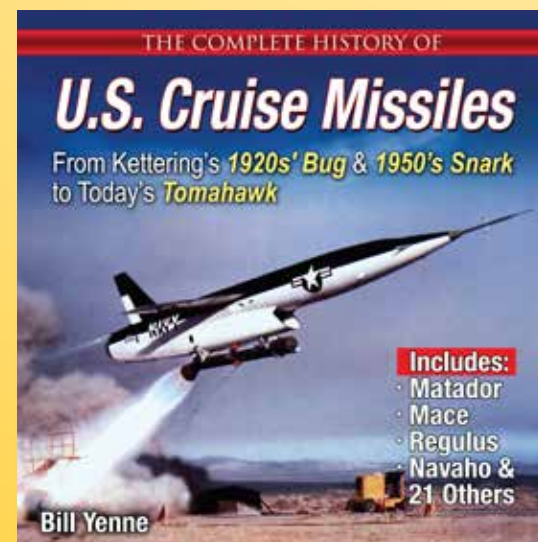
JANUARY

MON-FRI, JAN 2-4
Aviation Camp

GOURMET FOOD TRUCKS
FLIGHT SIM ZONE, INVENTIO
WEEKENDS
DRONE PLEX • W

U.S. CRUISE MISSILES

BY BILL YENNE • SATURDAY, JANUARY 19, 11AM



Join Now!

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

Card #: _____ Exp. Date: _____

CSC: _____ Print Name on Card: _____

Signature _____

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.

Please make checks payable to
Hiller Aviation Museum
601 Skyway Rd, San Carlos, CA 94070



Thank you for your support.

OF EVENTS

WED, JAN 2 • 11AM

Happy Birds Live Bird Show

SAT, JAN 5 • 10AM-2PM

Open Cockpit

SUN, JAN 6 • 2:00 PM – 4:00 PM

Flight Sim Rally

MON, JAN 7

Aviation Camp – Drone Zone

SUN, JAN 13 • 10 AM – 12 PM

Kids' Carnival

SUN, JAN 20 • 10:30, 11:30, 12:30

Starlab Sky Show

SUN, JAN 27 • 1:30 – 3:30 PM

Drone Meet

FEBRUARY

SAT, FEB 2 • 10 AM & 5 PM

Scout Saturday

SAT, FEB 2 • 11AM-2PM

Flying Football Fun Fest

SUN, FEB 3 • 2 PM – 4 PM

Flight Sim Rally

SAT, FEB 9 • 10AM-3PM

Garden Model Train Railroad

SAT, FEB 10 • 10:30, 11:30, 12:30

Starlab Sky Show

SUN, FEB 17 • 10 AM – 12 PM

Kids' Carnival

SUN, FEB 24 • 1:30 & 3:00 PM

Aero Workshop

MON-FRI, FEB 18-22

Aviation Camp

• WEDNESDAYS 11AM - 2PM

FLIGHT LAB AND FMX FLIGHT SIM

WEDNESDAYS 11AM - 2PM

WEEKENDS 1PM - 4PM

The year 2018 celebrates the centennial of U.S. Cruise Missiles. In 1918 Col. Hap Arnold, future father of the U.S. Air Force, was sent overseas to France to prepare for the operational deployment of vast clouds of unmanned Kettering Bugs to be used against the German Army. This book begins with an overview covering the important subject of long-range cruise missiles, providing readers with a unique look at early programs leading to the development of the first primitive cruise missiles. Employing a considerable archive of U.S. cruise missile data and material amassed during his extensive research, author Bill Yenne has created a compelling work containing a wealth of previously unpublished photographs plus detailed technical information that is simply unavailable in any other product on the market today and will present his book on January 19th at the museum.

“NOON” YEARS EVE PARTY • DECEMBER 31 10AM – 1PM

Presented by The Hiller Aviation Museum and Bay Area Parent Magazine

You're invited to attend the "Noon" Years Eve Party on Monday, December 31 at the Hiller Aviation Museum. This annual event is designed especially for kids. Join us for these exciting activities:

- Count Down to 12:00 Noon ("Noon" Years) Balloon Drop in two separate rooms this year
- Slides and Jumpers
- Face Painting, Games and Fun
- Dance Shows, Magic and more!

Event runs 10am-1pm Monday, December 31 at the Hiller Aviation Museum. Event included with museum admission.



OPEN COCKPIT DAY • JANUARY 5, 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 visitors access to real aircraft cockpits like an A-4 jet trainer, a Hiller H-12 helicopter and our Boeing 747. On this special day, we swing open additional cockpits including the Grumman HU-16 Albatross, Boeing 737 airliners 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. Event included with museum admission.



FLYING FOOTBALL FUN FEST & PUPPY BOWL

SATURDAY, FEBRUARY 2, 10AM – 1PM

Join the excitement of the Super Bowl as the Hiller Aviation Museum explores the junction of football and flight in a family-friendly extravaganza! See a helicopter football drop, watch a puppy bowl, check out the Drone Bowl combat demonstrations, experiment with aerodynamics of footballs and more! Event included with museum admission.



BAY AREA GARDEN RAILROAD

SATURDAY FEBRUARY 9, 10AM – 3PM

The Bay Area Garden Railroad Society's waist-high track features live steam locomotives. These railroad engines are designed to be run in anyone's backyard garden. Live steam locomotives have a butane-fueled fire that boils water., The resultant steam is then used to power the pistons. This is the same technique full-sized locomotives have used for 175 years. Many examples of old-time model steam locomotives will be seen running on the track, all the while puffing wonderful plumes of steam.



EAT, DRINK, PLAY! FOR MEMBERS ONLY WINE & BEER RECEPTION FRIDAY, FEBRUARY 1, 2019 5-7 PM A SPECIAL EVENING FOR THOSE 21 AND OVER.

Enjoy a free glass of wine or beer and light hors d'oeuvres. See the museum after hours in a whole new light! Activities! Raffle Prizes! Live music! Members are free. Members may bring guests . for \$5 per person



WINTER PROGRAMS



Family Sunday Programs

Join the excitement select Sundays at the Hiller Aviation Museum! Each event features hands-on activities just for kids, ranging from drone flights and flight simulation to design challenges and construction projects. Visit www.hiller.org for more information on each event.

AERO WORKSHOP • AGES 10+

December 16, February 24

1:30 & 3:00 PM (75 minute sessions)

DRONE MEET • AGES 8+

December 30, January 27

1:30 – 4:00 PM (30 minute sessions)

FLIGHT SIMULATOR RALLY • AGES 8+

December 2, January 6, February 3

2:00 – 4:00 PM (30 minute sessions)

KIDS' CARNIVAL – INDOOR WINTER FUN!

ALL AGES

December 9, January 13, February 17

10:00 AM – 12:00 PM

STARLAB SKY SHOW – INCLUDED WITH ADMISSION! • AGES 5+ (3+ AT 10:30 AM)

December 22 (Saturday) January 20, February 10

10:30 & 11:30 AM, 12:30 PM



Winter Aviation Camps

SPECIAL HOLIDAY PROGRAMS

December 2018 – February 2019

9 AM—4 PM (Extended Hours Available)

Take flight this holiday season at Aviation Camp! Build and fly model aircraft, take on challenging flight simulations, explore Museum aircraft and more while exploring a unique subject in flight.

EXTREME FLIGHT • December 19-20

AERO BOT INVENTORS (K-5) & FIGHTER ACES

(5-8) • December 26-28

WINGS & FLYING THINGS (K-5) & INVENTION CONVENTION (5-8) • January 2-4

DRONE ZONE • January 7

X-PLANE PILOT • February 18-22

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



AVIATION CAMP

SUMMER 2019

Dates and topics available online

January 7, 2019

Register early for best selection!

www.hiller.org



**BOLD
DREAMS**

**NEW
FRONTIERS**

**20TH ANNIVERSARY
BENEFIT GALA**

SPECIAL THANKS TO

**PLATINUM
PRESENTING SPONSOR**

Mark Jon Bluth

**SILVER
SUPPORTER SPONSORS**

Asset Management

Chris & Melody
Malachowsky

Marusich-Wormington
Family

**BRONZE
SUPPORTER SPONSORS**

Jeffery Bass & Lisa Babbitt

Oliver & Jil Coolidge

Rick Gostyla & Sally Puccini

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Robert & Julie MacLean

Peaxy

Hank Scherf & Vicki Sanders

The Uccelli Foundation



HILLER
AVIATION
MUSEUM

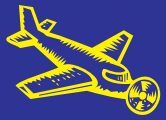
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FOR KIDS



**Special Event
Presentations**

OPEN COCKPIT DAY

Explore Aircraft Interiors: Wednesday, November 21 & Saturday, January 5, 11 AM—12 PM

Discover the world of a pilot as never before on Open Cockpit Days! Providing unparalleled access to the Hiller Aviation Museum's collection of historic aircraft, Open Cockpit Days allow visitors to climb aboard historic airplanes and helicopters and settle in at the pilot's controls. Featured aircraft include the Boeing 737 and 747, Aero L-39, Grumman HU-16 Albatross, Scorpion and Bell 47 helicopters, Cessna Cardinal and the Museum's new Aero Commander!



PERFECT PAPER PLANES

**Featuring Paper Airplane Champion John Collins
Wednesday, December 26 • 11 AM—12 PM**



Join a unique exhibition of paperlight flight! Author and master paper airplane builder John Collins leads an interactive 45-minute session investigating the science of making things fly and the notebook-scale engineering required to fold and fly record-breaking paper gliders. Come prepared to try your hand building and flying your own paper aircraft!

HAPPY BIRDS

Parrots, Macaws and Cockatoos

Wednesday, January 2 • 11 AM—12 PM

Many birds migrate south for the winter, but not the Happy Birds! Returning to the Hiller Aviation Museum for a special holiday engagement, this talented team of precocious parrots gives a remarkable demonstration of feathered flight. Marvel at their antics as they fly, walk, talk and even sing through a wide range of amazing behaviors that will entertain your whole family!





HILLER AVIATION MUSEUM

601 Skyway Road, San Carlos, California 94070 www.hiller.org

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SPECIAL HOLIDAY SHOPPING

Friday Nov 23
through Monday Dec 31

MUSEUM MEMBERS
RECEIVE A
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FRIDAY, NOVEMBER 23
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