

The Aero Club of Northern California

2013 Crystal Eagle Award

Presented to



Rod Machado



Montgomery Flight - 1904



Moffett Field - 1933



China Clipper - 1936



Hiller XH-44 - 1944



NASA Ames Research Center - 1981

Rod Machado traded his motorcycle for flying lessons at the age of 16. His parents were delighted he gave up riding with the vegetarian motorcycle gang known as the sprouts. Captured by the romance and adventure of flight in a Taylorcraft L-2 at Amelia Reid Aviation in San Jose, Rod has remained hooked ever since. In fact, he is one of the few Airline Transport Rated pilots who still gets excited by a Cessna 150 fly-by (which he claims he likes because it lasts so much longer than the Mooney, Bonanza and Malibu fly-by).



Accident Prevention Counselor appointed by the FAA in Washington D. C. Rod is the

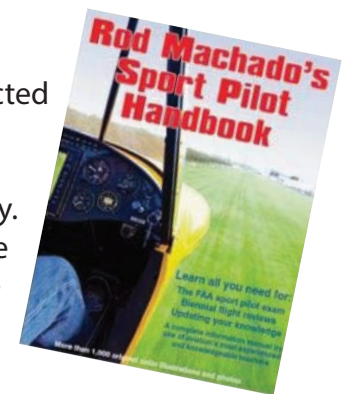
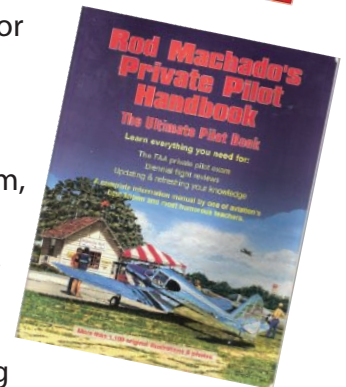
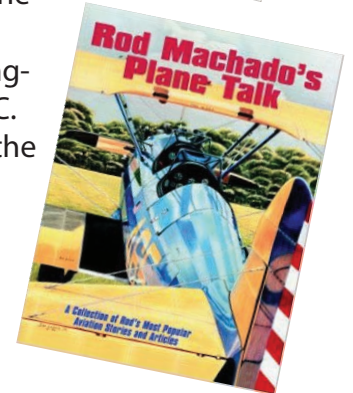
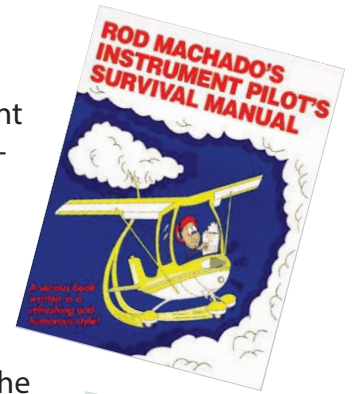
Rod is a professional speaker who travels across the United States and Europe delighting his listeners with upbeat and lively presentations. Machado truly loves mixing it up with the audience. His unusual talent for simplifying the difficult and adding humor to make the lessons stick has made him a popular lecturer both in and out of aviation. Rod's presentations include topics as diverse as Risk Assessment, Defensive Flying and Handling In-flight Emergencies. His non-aviation topics include: Safety Awareness programs, Humor as a Communication Tool and The Lost Art of Thinking. Additionally, he is known for his rapid fire, humorous banquet presentations.

Flying since 1970 and instructing since 1973, Rod has over 8,000 hours of flight time earned the hard way-one CFI hour at a time. Since 1977 he has taught hundreds of flight instructor revalidation clinics and safety seminars and he was named the 1991 Western Region Flight Instructor of the Year. Rod holds all fixed-wing (powered) flight instructor ratings as well as an airline transport pilot certificate. He also owns a Cessna P210.

For six years, Rod wrote and co-anchored ABC's Wide World of Flying. He is AOPA's National CFI spokesman and a National

flight instructor voice on Microsoft's Flight Simulator starting with the 2000 version through the X version and he wrote the flight lesson tutorials for the textbook that accompanies the software. He is also an instructor on Cessna's Computer-Based Private Pilot CD-ROM and the author of five aviation books, four DVDs, a 14 CD audio album, a Private Pilot Course on 30 audio CDs and a CFI image CD. You can read his monthly column in AOPA Pilot magazine as well as in Flight Training Magazine.

Rod's eclectic interests are reflected by his equally varied academic credentials. He holds degrees in Aviation Science and Psychology. Rod believes you must take time to exercise or you'll have to take time to be sick. Holding black belts in the Korean disciplines of Tae Kwon Do and Hapkido as well over a decade of experience in Gracie Jujitsu, he gets his exercise from practicing and teaching martial arts. He also runs 20 miles a week and claims it's uphill both ways. Someone once said that he's so excited about flying it takes two gliders to bring him down.



The Aero Club of Northern California
Thirty-first Annual Awards Presentation
Hiller Aviation Institute
November 1, 2013

Welcome and Introduction	Max Trescott
Introduction of Aero Club Officers and Board Members	Sandra Clifford
Aero Club - National Aeronautic Association (NAA) Awards	
NAA President and CEO	Jonathan Gaffney
Maj. John V. Cabigas	
Terry L Rinehart	

DINNER

Silent Auction ends	
Aero Club Scholarship Awards Presentations	
James M. Nissen Sr. Scholarship	Alex Ramirez..... Rick Willson
Robert L. Hamilton Scholarship	James Crawford
Jerome (Jerry) T. Bennett Scholarship	Antoinette Amaral
Aero Club of Northern California Scholarship	Adrian Ballesteros
	Eric Peterson
	Carl Honaker
	Max Trescott
Crystal Eagle Recipient Introduction	Sandra Clifford
Guest Speaker	Rod Machado
Crystal Eagle Award Presentation	Sandra Clifford

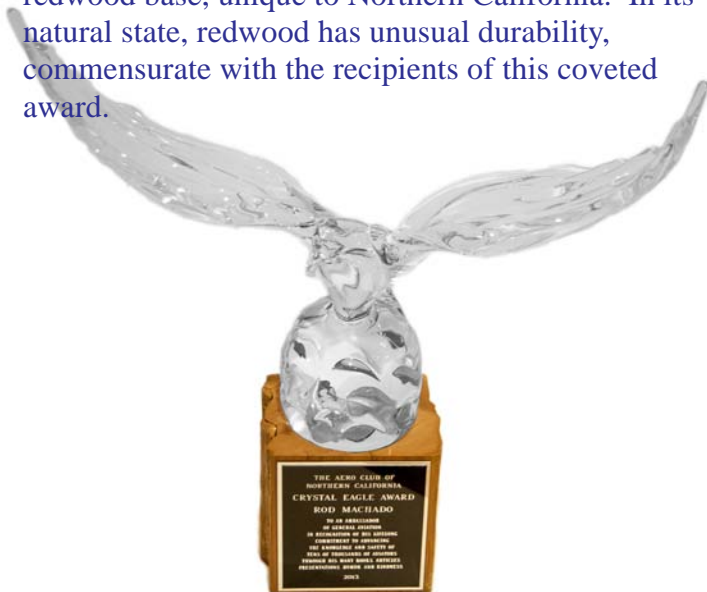
The Crystal Eagle Award

**The Crystal Eagle:
A distinctive work of art**

The Crystal Eagle Award is a unique work of art crystal handcrafted in Italy.

It is fitting that the eagle should be the symbol for the Aero Club's annual award. The North American eagle is recognized as a bird possessing great strength, natural grace, keenness of vision and power in flight. The eagle has historically been used by man to identify with flying.

The Crystal Eagle is mounted on a California redwood base, unique to Northern California. In its natural state, redwood has unusual durability, commensurate with the recipients of this coveted award.



The Crystal Eagle Award is presented annually by the Aero Club of Northern California to recognize an individual whose accomplishments have significantly contributed to the advancement of aviation or space technology.

Crystal Eagle Award Winners

- 1983:** General James "Jimmy" Doolittle
- 1984:** Brigadier General Charles E. "Chuck" Yeager
- 1985:** Stanley Hiller, Jr.
- 1986:** William "Bill" Lear, Sr.
- 1987:** James M. "Jim" Nissen
- 1988:** Anthony W. "Tony" LeVier
- 1989:** Elbert "Burt" L. Rutan
- 1990:** George S. Cooper
- 1991:** Allen E. Paulson
- 1992:** Jeana Yeager
- 1993:** Robert T. Jones
- 1994:** Frank L. Christensen
- 1995:** James S. Ricklefs
- 1996:** Darryl G. Greenamyre
- 1997:** Robert L. "Hoot" Gibson
- 1998:** Donald D. Engen
- 1999:** Paul H. Poberezny
- 2000:** Wayne Handley
- 2001:** Igor I. Sikorsky
- 2002:** A. Scott Crossfield
- 2003:** Clay Lacy
- 2004:** Elgen M. Long
- 2005:** Eileen Marie Collins
- 2006:** Sean D. Tucker
- 2007:** Steve Fossett
- 2008:** Phil Boyer
- 2009:** Mike Melvill
- 2010:** Brian Shul
- 2011:** Clarence E. "Bud" Anderson
- 2012:** Julie Clark

Scholarships

The Aero Club of Northern California annually provides three scholarships to college students actively studying aviation at a Bay Area college. Due partly to the success of last year's silent auction, this year the Aero Club is awarding four two-thousand dollar scholarships. Successful applicants must be at least a sophomore, have completed at least 15 semester units of college level aviation coursework and have a cumulative GPA of at least 2.5



James M. Nissen Scholarship

James (Jim) M. Nissen (1915-1994) was born in Livermore, CA. In 1937, after receiving his engineering degree from the University of California at Berkeley, he was commissioned as an officer in the U.S. Navy, and later became a naval aviator and flew various military aircraft including the PBY Catalina. He briefly flew trans-Pacific seaplanes for Pan American Airways before accepting a research test pilot position in 1941 with Ames Research Center at Moffett Field with the National Advisory Committee on Aviation (NACA), now NASA. In 1945 he joined North American Aviation as a test pilot. At the same time, with two partners, he founded an aviation company and developed 16.4 acres of land leased from the city of San Jose, creating a small airport. In 1946 he sold his share

of the business and was hired by the City of San Jose as its first Airport Manager. Over the next 29 years (1946-1975) he developed the small airfield into the Bay Area's third major jetport - Mineta San Jose International Airport (SJC). At the time of his retirement as Director of Aviation, SJC had achieved national status with service to every major U.S. destination city, including non-stop flights coast-to-coast and service to Hawaii. In honor of Mr. Nissen's pioneering efforts to develop San Jose's airport, the new SJC Terminal Complex has been named the James M. Nissen

Our 2013 James M. Nissen Scholarship recipient is Alejandro (Alex) Ramirez. Alex had his first small airplane ride at 8, after which he decided to become a pilot himself. To pursue this dream, Alex enrolled at SJSU in the Aviation program after graduating from High School in Los Angeles. Since that time, Alex has funded school through student loans and his work as an aircraft fueler at SQL. At school he has been actively participating in school activities, including Women in Aviation and Alpha Eta Rho, where he has served as president. Alejandro plans to graduate in Spring 2015.



Robert L. Hamilton Scholarship

Robert (Bob) L. Hamilton (1936-2002) was born in Hanford, CA. In 1954 he joined the United States Army and was initially trained in helicopter maintenance. After a tour in Germany, he was accepted into the Army helicopter pilot program and, following his training, served two tours in Vietnam as a rescue helicopter pilot. He was awarded the prestigious Legion of Merit, the Distinguished Flying Cross, two Bronze Stars, and 30 Air Medals. In 1986, he was inducted into the Army Aviation Hall of Fame at Fort Rucker, Alabama. While most of his 6,300 flight hours were in helicopters, he also piloted fixed-wing aircraft and flew professionally for several companies in the San Jose area. Many of his flight hours were in the large twin-rotor Chinook CH-47 -- the first helicopter to utilize a fly-by-wire flight control system. Mr. Hamilton was a past

officer and Board Member of the Aero Club of Northern California. Funds for this scholarship were established by a very close family friend at the time of Mr. Hamilton's death. He was buried in Arlington National Cemetery with full military honors.



James Crawford, our 2013 Robert L. Hamilton scholarship recipient, graduated from Santa Teresa High School in 2009 and then enrolled in the Aviation program at SJSU. Robert credits his experience in the Aviation program with providing the opportunity to pursue his passion.

James began flying in 2010 with the Flying 20's flight club and has since acquired his Instrument rating and logged more than 160 hours of flight time. He has been the fortunate recipient of other aviation scholarships which have helped defer the cost of pilot training. This scholarship will allow him to continue that training. Following graduation, James plans to work as a flight instructor to gain the experience necessary to progress towards his career goal of becoming a pilot with a major airline.



Scholarships

Jerome (Jerry) T. Bennett Scholarship



This one-time scholarship is being presented in recognition of the long-time efforts of Aero Club of Northern California founding Board member, Jerome "Jerry" T. Bennett.

Jerry Bennett has been around airplanes and airports since he was a boy, when he went to work washing and fueling aircraft at a private airport in Ohio, in exchange for flying lessons. He took his first lesson at 15 years old in a Piper J-3 cub and soloed on his 16th birthday.

After high school, Bennett spent four years in the Air Force enlisted ranks, stationed throughout the Pacific and Far East. After his discharge in 1961, he headed west to San Jose where his older brother Jim lived and flew for Pan Am.

He soon got a job with the San Jose Airport Department, becoming the 14th employee hired by airport manager Jim Nissen since the airport founding in the late 1940s.

Over the years, he became known as "Mr. Airport" around SJC. He met his wife Patricia at the airport in 1962 when she worked for Pacific Airlines, the the field's only air carrier. They were married two years later.

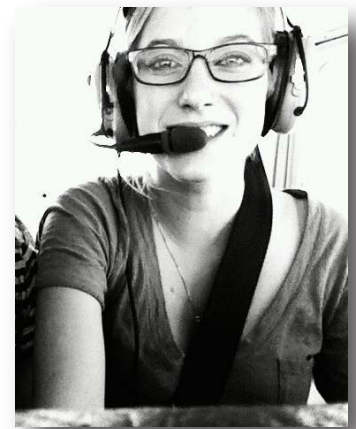
In 1976, Bennett was promoted to deputy director of SJC, responsible for the day-to-day operations of the airport, both airside and landside, a job he held until his retirement in 1996. That was followed by six years as Director of Santa Clara County Airports, where he managed Reid-Hillview, South County and Palo Alto airports.

In the early 1980s, Jerry, along with a group of other civic-minded aviation enthusiasts founded the Aero Club of Northern California, where Jerry was a Board member until stepping down this year.

Today, Bennett, now a resident of Morgan Hill, maintains his certified flight instructor rating and has commercial, single- and multi-engine land and instrument ratings.

The recipient of our first ever Jerry Bennett Scholarship is Antoinette Amaral. Antoinette is from San Luis Obispo where she attended 99s meetings and won a discovery flight after entering an essay expressing her interest in aviation. She obtained her pilot's certificate while a senior in high school and then spent the following year studying abroad through Rotary International. Afterward, Antoinette enrolled in the Aviation program at SJSU where she has held several officer positions in different aviation clubs.

Antoinette currently works as a dispatcher for JATO at San Carlos Airport but her career goal is to become a professional pilot for a charter operator. This scholarship will provide the needed funding to continue her instrument training.



Aero Club of Northern California Scholarship

This endowed scholarship was established to recognize the many contributions made by members and donors to the Aero Club of Northern California. Funds for this scholarship come solely from member donations, proceeds from the annual awards dinner silent auction, and donations generated at other Aero Club events.



Our 2013 Aero Club of Northern California Scholarship recipient is Adrian Ballesteros. Adrian grew up near Davis Montham Air Force Base in Tucson, Arizona where he was exposed to and intrigued by the military aircraft that frequently flew overhead. By 8th grade, Adrian wanted to know more and enrolled in a course titled "Wright Flight", which not only exposed him to the field of aviation, but also resulted in his first GA flight.

After graduation from high school and a career in hi-tech sales, Adrian felt something was missing and decided to pursue an education in aviation. He subsequently enrolled at SJSU and has since been very active, participating in many clubs and learning to fly. He soloed in August of this year.

Adrian plans to complete his flight training in an accelerated program once he has graduated from SJSU in December 2014.

National Aero Club Association 2013 Awardees

Captain Terry London Rinehart



Captain Terry London Rinehart was born into an accomplished aviation family and become one of the first women airline pilots flying for a major U.S. air carrier.

Pursuing her goal in professional aviation, she worked at many airport jobs to pay for flying time as a college student. She earned her Bachelor of Science Degree in aeronautical operations from San Jose State University while finishing her pilot ratings, including airline transport pilot, helicopter and flight instructor.

In 1976, she was the first woman hired as an airline transport pilot by Western Airlines, which was later merged with Delta Airlines.

She began that career in a turbulent era for the airline industry with deregulation, airline hub route changes, increased hijackings, and a controller strike. Airline mergers were under way, followed by furloughs and bankruptcies. She flew Boeing 737s, transitioning to Boeing 757s and 767s later in her airline career.

During that time, she and her husband, Bob, also an airline captain, were raising a third-generation aviation family, son Justin and daughters, Lauren and Kelly, now all pilots in their own right.

Captain Rinehart is the daughter of Barbara Erickson London and Colonel Jack London, an Army Air Corp pilot. During World War II, her mother served as the first commanding officer of the Women's Auxiliary Ferrying Squadron and as the commanding officer of the Women's Air Force Service Pilots (WASP) Sixth Ferrying Group flying both fighters and bombers.

Captain Rinehart is a member of the Aero Club of Northern California Board of Directors and is a member of the San Jose State University Aviation Advisory Board.

Following her retirement from Delta, she became a corporate pilot flying worldwide operations, again the sole woman in a demanding corporate environment. With her quietly professional leadership, she consistently set a high standard of excellence for pilots, men and women alike.

Upon her retirement from corporate flying, she was welcomed home on her last flight by the fire trucks' rainbow sprays of water over her aircraft, so highly is she respected.

Major John V. Cabigas



Retired U.S. Air Force Major John V. Cabigas spent his military career flying the high-altitude U-2 reconnaissance aircraft on missions throughout the world, ranging from combat zones overseas to humanitarian missions over the United States.

Born in the Philippines, he emigrated with his family to San Jose at the age of 6. After graduating from Independence High School in 1980, he attended San Jose State University, served in the USAF ROTC, and graduated in 1986 with a Bachelor of Science

Degree in Aeronautics and earning a FAA mechanic certificate with airframe and powerplant

ratings. He was the first recipient of a scholarship from the Aero Club of Northern California.

After Air Force pilot training at Vance AFB, Oklahoma, he served as a T-37B instructor pilot until he was selected for a special duty assignment at Beale Air Force Base to fly the U-2 aircraft, becoming a high altitude combat mission pilot and tactics officer.

Assigned to the 99th Reconnaissance Squadron, he served in operations over Iraq, South Korea, Cyprus, Bosnia/Kosovo and Haiti, and in humanitarian missions such as the 1995 Mississippi river floods.

In 1996, Captain Cabigas was reassigned to the 1st Aero Recon Squadron as a two-seat TU-2S instructor pilot, becoming second-in-command of the 9th Physiological Support Squadron as director of operations and high-altitude rated physiologist.

Following the 9/11/2001 terrorist attacks, Major Cabigas returned to the 99th Recon Squadron as the tactics assistant flight commander/combat mission pilot and served in Operation Enduring Freedom and Operation Iraqi Freedom. Completing this tour, he returned to train new pilot recruits, serving as the operations flight commander, training officer and interviewee acceptance pilot for U-2 special duty assignments.

Major Cabigas retired on Dec. 1, 2010 after 24 years active duty, including 18 years in the U-2 program. He had 26 overseas deployments, earning Meritorious Aerial Achievement and Air Medals. He currently instructs new U-2 pilots as a civilian contractor to the Air Force U-2 program at Beale Air Force Base.

Major Cabigas holds FAA airline transport pilot and flight instructor certificates. He is an active member in the Experimental Aircraft Association and Young Eagles program, the Sutter County Sheriff's Posse and Sutter Buttes Regional Aviation Association. He flies a Beechcraft Baron and his own Piper J-3 Cub.

Our Special Thanks to:



HILLER AVIATION MUSEUM
Where Inspiration Takes Flight



About Our Club

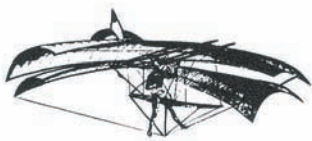
The Aero Club of Northern California was formed to promote those activities which advance aviation and aerospace within Northern California

We are a chapter of our parent organization, the National Aeronautic Association (NAA), which having been founded in 1905 as the Aero Club of America is the oldest independent, non-profit aviation organization in the United States, and the sole U.S. representative to the Federation Aeronautique Internationale (FAI).

So central to aviation was the Aero Club that until 1926 it issued all pilot licenses in the United States.

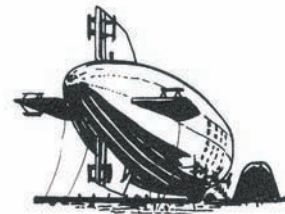
About Our Logo

Incorporated in the logo of The Aero Club of Northern California are some of the most significant contributions the Northern California area has made to the art and science of flight.



Montgomery Flight - 1904

Often referred to as "*The Father of Basic Flying*" Dr. John Montgomery was a true aviation pioneer. San Jose was the site of many of his historic achievements. Alexander Graham Bell noted that, "All subsequent attempts in aviation must begin with the Montgomery Machine."



Moffett Field - 1933

Dedicated April 12, 1933, Moffett Field was, until recently, the United States guardian of the Pacific. It continues to be a major aviation facility supporting both federal and military operations.



China Clipper - 1935

Lifting from San Francisco Bay waters on November 22, 1935, the Clipper became the first airplane to fly the Pacific non-stop. Cutting over 15 days off the best surface time from San Francisco to Manila, it led to the elimination of the barriers of space and time.



NASA Ames Research Center - 1939

Northern California's continued contributions to the quest for our ultimate destiny is assured by the ongoing advancements in aerospace science and technology at NASA's Ames Research Center.

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