



Montgomery Flight – 1904



Moffett Field – 1933



China Clipper – 1936



Hiller XH-44 – 1944



NASA Ames Research Center – 1939

Northern Wings

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The Aero Club of Northern California

Fall 2005

Aero Club to honor Eileen Collins with Crystal Eagle Astronaut commanded Space Shuttle Discovery mission in summer



– Northern Wings photo

Discovery commander Eileen Collins describes space shuttle maneuver during news conference at NASA Ames Research Center in Spring.

Eileen Collins, commander of Space Shuttle Discovery on NASA's return to flight this past summer and a veteran of four space flights, will be the 2005 recipient of the Crystal Eagle Award, presented annually by the Aero Club of Northern California to honor those whose achievements are among the highest in aviation.

The Crystal Eagle dinner will be held at 6:30 p.m. Saturday, Oct. 22, at the Hiller Aviation Museum in San Carlos.

The Crystal Eagle Award was first presented by the Aero Club in 1983 to legendary aviator Gen. Jimmy Doolittle. Past recipients include Gen. Chuck Yeager, Jim Nissen, Jeana Yeager, Stanley Hiller Jr., Paul Poberezny, Burt Rutan, Frank Christensen, George Cooper, James Ricklefs, Wayne Handley, A. Scott Crossfield, Clay Lacy and Elgen Long.

Collins spent more than 537 hours in space before her latest mission, STS-114 aboard Space Shuttle Discovery from July 26 to Aug. 9. She was the first woman to serve as a

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Campaign launched to save Hangar One Navy eyes demolition of contaminated icon

Moffett Field's historic Hangar One, the massive 1930s building that is the most recognizable icon in Northern California, is threatened with demolition by the U.S. Navy rushing to wash its hands of what was once a premier naval air station.

In a David vs. Goliath battle, concerned community activists and historians have joined to form the Save Hangar One Committee. Their goal: preserve, protect, renovate and

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– Frank Sweeney photo
Replica Gee Bee racer over Hangar One.

Crystal Eagle Dinner

Date: Saturday, Oct. 22, 2005

Reception: 6:30 p.m.

Dinner: 7:30 p.m.

Location: Hiller Aviation Museum, 601 Skyway Road at San Carlos Airport

Cost: \$75 including museum admission.

Reservations: (408) 929-1060

(408) 646-7139



– Northern Wings photo

P-51 Mustang takes shape from scratch at Salinas shop.

Aero Club members tour P-51 shop in Salinas, Moffett Field museum

Aero Club-sponsored tours this summer gave members a portal into aviation's history as well as showed them a little-known but quite successful effort program to recreate past glories.

On June 18, a group of Aero Club members either flew or drove to Salinas Municipal Airport for a tour of Cal Pacific Airmotive where owner Art Teeters explained how he and his staff build World War II-vintage P-51 Mustang warbirds from scratch.

It is not a rapid process, explained Teeters, who started repairing warbirds years ago and now

concentrates on constructing exact replica P-51s – by all accounts the best fighter aircraft of World War II.

But if you want one, Teeters says, he's got such a backlog that he couldn't start on it for about two years, and it will take about three years and about \$3 million to complete.

On Aug. 26, Aero Club members took a special tour of the Moffett Field museum, which was reopened in new facilities last spring.

The relocation was forced by the closure of Moffett's historic Hangar One because of toxic contamination.

The last Northern Wings for non-members

For the past year, the Aero Club of Northern California has sent Northern Wings, our quarterly newsletter, to an expanded mailing list consisting of not only our members but others in aviation and related fields.

We have enjoyed bringing non-members news and information about our organization, including the classic Crystal Eagle banquet where we honor those whose aviation achievements rank them among the greats. We have tried to inform non-members of our many

activities and tours.

However, this is the last newsletter that will be distributed to those on our expanded mailing list. Following issues will go only to Aero Club members and a short list of organizations.

We invite you to join the Aero Club of Northern California, our regional affiliate of the National Aeronautic Association, and continue to receive our newsletter as well as participate in on-going club events. A membership application form is on Page 4.

Navy seeks to demolish Hangar One

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reuse the historic structure, built to house the last of the Navy's mammoth airships more than 70 years ago.

Several years ago, NASA Ames Research Center, which has operated Moffett Field since the Navy left in 1994, closed Hangar One because toxic PCBs were leaching from its corrugated steel skin into the storm water system.

The Navy, responsible for cleanup, proposed tearing down the building, as early as next January. But recent public outcry has forced the Navy to review other options, including encapsulation of the toxics.

Now the Save Hangar One Committee is reaching out to elected officials and community leaders. Temporary mitigations can halt the spread of toxics and allow time to research innovative ways to fix the problem without destroying the building, committee members say.

Their goal: preserve and renovate the hangar for use as an aviation and science educational center.

Aero Club of Northern California 2004-2005 Board of Directors

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Northern Wings is published quarterly by the Aero Club of Northern California, an affiliate of the National Aeronautic Association.

Aero Club board profile:

Carl Honaker: From Navy to S.C. County airport chief

Aero Club board member Carl Honaker has spent most of his life in aviation, flying for the Navy, running Moffett Field Naval Air Station and now heading the Santa Clara County airport system.



Carl Honaker

With his perspective honed from decades of experience, Honaker also is one of the leaders in the campaign to save Moffett's historical Hangar One, the South Bay icon now threatened with demolition.

As director of the Santa Clara County Airports, Honaker oversees Reid-Hillview, Palo Alto and South County airports with more than 500,000 annual operations

A Nebraska native, Honaker earned a business degree from the University of Nebraska, then spent the next 20 years in the U.S. Navy. He flew P-3 Orion aircraft world-wide during the Cold War.

During his last Navy tour, Honaker was the Naval Air Station Moffett Field executive officer, the deputy base commander responsible for day-to-day operations.

When the base was closed, Honaker retired and went to work for NASA Ames Research Center.

After a stint as director of facilities for the Tech Museum of Innovation in San Jose, he went to work for the Santa Clara County Airport system in November 2001.

Honaker and his wife, Karen (Leonhard), a nationally recognized watercolor artist, live in San Jose's Evergreen area.



- NASA photo

Space Shuttle Discovery blasts off July 26 from Kennedy Space Center.

Eileen Collins to be honored as 23rd recipient of Crystal Eagle

(Continued from Page 1)

shuttle pilot, on STS-63 in February 1995. She was pilot on STS-84 in May 1997, and became the first woman to command a space shuttle on STS-93 in July 1999.

The mission of STS-114 was the first flight since the Columbia tragedy in 2003.

Born Nov. 19, 1956, Collins fantasized about flight as a child. As a teenager, she saved her money and began flying lessons at 19. After earning a bachelor's degree in mathematics and economics from Syracuse University in 1978, she began military pilot training in the Air Force -- the same year NASA opened the shuttle program to women.

She was a T-38 instructor pilot and then a C-141 aircraft commander. She taught mathematics and was a flight instructor at the U.S. Air Force Academy in Colorado. She was selected for the astronaut program while attending the Air Force Test Pilot School at Edwards Air Force Base in Southern California, from which she graduated in 1990.

Along the way, Collins earned a master's degree in operations research from Stanford University in 1986 and a master's degree in space systems management from Webster University in 1989. She has logged more than 6,280 hours of flight time in 30 different types of aircraft.

The Aero Club will also present National Aeronautic Association Special Certificate awards to former Douglas test pilot Quinten Burden and to flight school operator Frank Mason for their life-long contributions to the advancement of flight.

Banquet tickets are \$75. Reservations are required. Tickets will not be sold at the door. For additional information contact The Aero Club at (408) 929-1060 or (408) 646-7139.

Crystal Eagle recipients:

- 1983 – James “Jimmy” Doolittle
- 1984 – Charles E. “Chuck” Yeager
- 1985 – Stanley Hiller Jr.
- 1986 – William “Bill” Lear
- 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 Long
- 2005 – Eileen Collins

AERO CLUB OF NORTHERN CALIFORNIA

National Aeronautic Association

We invite you to join The Aero Club of Northern California. Throughout the history of flight, the people and organizations of California have played key roles in advancing aviation and space exploration. Membership in The Aero Club of Northern California gives you a connection with others in the aerospace industry and aviation community, here and around the country, at awards programs, luncheons and other special events, including:

- “Members-Only” tours
- Membership in the National Aeronautic Association
- Aero Club quarterly newsletter
- Participation in funding of aviation-related scholarships
- Invitation to attend the annual Crystal Eagle Awards Dinner

Your membership in The Aero Club of Northern California automatically makes you a member of the National Aeronautic Association (NAA), founded as the Aero Club of America in 1905. Our Club is a chapter of the NAA, which is America’s oldest independent non-profit aviation organization and also the U.S. representative to the Federation Aeronautique International which certifies all aviation world records. As a member of the Aero Club and the NAA, you will receive benefits including:

- National Aeronautics Association - NAA’s bi-monthly publication
- Discount on Smithsonian’s *Air & Space Magazine* (37%)
- Eligibility for NAA Air Crew Card (FAA licensed pilots only)
- Rental car discounts

We look forward to having you become part of our organization.

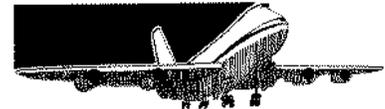
New Membership Application

Name: _____

Address: _____

City: _____ State: _____ Zip Code _____

Phone: _____ Email address _____



Individual membership:	\$35.00
Scholarship Fund donation: (optional)	\$ _____
Total Enclosed:	\$ _____

Make check payable to: *The Aero Club of Northern California*
 Mail to: Aero Club of Northern California
 c/o Santa Clara County Airports
 2500 Cunningham Ave.
 San Jose, CA 95148

(The Aero Club of Northern California is a tax deductible 501(c)(3) nonprofit educational organization.)

**The Aero Club of
 Northern California**
2500 Cunningham Avenue
San Jose, California 95148
(408) 929-1060

Chartered in 1981 as a chapter of the National Aeronautic Association



- To keep the public informed of the importance of aviation and space flight to the nation’s economic progress, its security, and to international understanding.
- To support a vigorous aviation and space education program for students at all levels of learning.
- To recognize and honor those who make outstanding contributions to the advancement of aviation and space flight.