

HILLER BRIEFINGS

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Vertical Challenge 2002

Day of the Helicopters, June 22

An event not to be missed by aviation aficionados of all ages! It's the great Helicopter Air Show, Saturday, June 22, 10 a.m. to 5 p.m., at the Hiller Aviation Museum, San Carlos Airport.



MILITARY & CIVILIAN HELICOPTERS, CLOSE-UP • FLIGHT DEMOS
HELICOPTER RIDES • REMOTE CONTROL AND INTERACTIVE HELICOPTERS



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Bay Area Parent



THE MIGHTY **FLYING BANANA** FLIES AGAIN IN A TRIBUTE TO INVENTOR FRANK PIASECKI



This remarkable and innovative tandem helicopter will be in formation with its three Piasecki/Boeing successors in a first-ever fly-over during Hiller's "Vertical Challenge: The Day of the Helicopters," on June 22.

Accompanying the original H-21 "Flying Banana" at the Hiller airshow, *top*, will be its successors, the CH-46, *right*, and the CH-47 and HUP-1 helicopters in a dramatic flying formation. The event will be a tribute to the tandem's inventor, Frank Piasecki, who reigned with Igor Sikorsky and Stanley Hiller as early leaders in America's helicopter industry .

The history-making Piasecki H-21B Shawnee flies in to the Hiller Aviation Museum's big day from its owners, Classic Rotors Helicopter Museum in San Diego County.

Affectionately known as the Flying Banana, the H-21 was designed in the late 1940s as an arctic rescue helicopter.

In the early 1960s, as Viet Cong guerrillas moved down Vietnam supply routes—casting doubt about the south's ability to defend itself—the U.S. sent Army H-21 helicopters, the first to be introduced into what became the Viet Nam conflict.

Each H-21 was piloted by an American "advisor," with a Vietnamese crew member aboard, ostensibly in command, at a stage in the war when U.S. personnel were not supposed to

engage in combat roles.

The H-21 was a predecessor of the CH-46 Sea Knight and the CH-47 Chinook helicopters being flown today in Afghanistan.

The helicopter participating in our event is the last flying article of this type. It was built in 1957 and retired from the USAF in 1974.

The visiting H-21 was in the movie "Godzilla" starring Matthew Broderick and is featured in the soon-to-be-released IMAX movie "Straight Up!"



commissioned by Smithsonian Air and Space Museum.

Classic Rotors volunteers have spent more than 8,000 manhours to restore this helicopter to its present beautiful condition.

ADMISSIONS

Adults \$10
Ages 8-17 \$7
Ages 5-7 \$4
Age 4 & under Free
Ages 65+ \$7

SCHEDULE OF EVENTS

10:00	Gates open	2:00	Bay Area Sundowners Kites
11:00	Anthem and American flag parachute jump	2:15	GyroCopter Demo/Otto Demo
11:05	Helicopter lesson	2:25	Piasecki helicopter formation flight
11:15	RC Helicopters	2:40	The Showcopters and Stearman formation
11:30	U.S. Coast Guard Demonstration	3:30	Helicopter departures
11:45	Emergency services parade EBParks Water Drop		

- Helicopter rides will be given only between airshows.
- This schedule is subject to change.

HIGHLIGHTS: *Vertical Challenge* 2002



The latest in civil and emergency helicopters, ready for inspection.



Military recruiting booths, and equipment displays.



Hot gunships, rescue and tactical aircraft.



The Vertical Challenge Air Show features the incomparable "Showcopters," smoking through the sky in seemingly crazy flight, while all the while

announcing live from the air exactly how helicopters accomplish such incredible feats. And you'll grab the camera for the popular "cockeyed

formation" when, accompanied by an airplane, the three copters fly sideways left, sideways right and backward!



Close inspection of old and new, big and small copters.



Helicopter rides for \$25 per person, ages 7 and above.



See also the historic aircraft at Hiller Aviation Museum...and consider all the aviation books, clothing, models, toys and more at the museum's Flight Shop.



World-renowned kite show of the Bay Area Sundowners. Teams of kites fly in a performance unmatched in its beauty and excitement.



FOOD and DRINKS

Beer, sodas, waters

Pizza

Deli sandwiches

BBQ chicken

Steak sandwiches

Ice creams

Snacks and more...

BAY AREA AIRSHOW:
**HALF A
CENTURY
AGO**
...BUT IT WASN'T
FOR FUN.



It was a deadly serious act to help build this 1950s flight line in Palo Alto.

Another war was approaching in Korea, and the small Hiller Aircraft Company in East Palo Alto (1350 Willow Road) could be one of the largest contenders in helicopters, facing up to relative giants Bell and Sikorsky. From the beginning, it

was a tough go, but Hiller Aircraft was nothing if not a innovative young competitor. To prove his 360 helicopter was exceptionally stable and reliable, 24-year-old President Stanley Hiller and his colorful pr man Lang Washburn flew a 360 over Moffett Field, and with *Life* magazine cameras clicking, climbed out of the cockpit, clung

to engine mounts, and showed how the aircraft flew itself. The result of such gamesmanship—and a team of determined Hiller employees—was this growing flight-line of new Army H-23A production helicopters. Behind them rose the new buildings of what was to become Palo Alto's wild ride to vertical flight.

Special thanks to Stephen Hiller and his Toyota 101, Banner Sponsor of Vertical Challenge Day.



HILLER AVIATION INSTITUTE

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