

Cooper Hernandez works to fly a Cessna 172 Sept. 3 near Long Beach Airport in a simulator at Canyon High School in Anaheim Hills.



# KNOWLEDGE TAKES FLIGHT

Canyon High School's aviation program, the first in Orange County, helps students earn their wings.

BY ALLISON ONG • STAFF WRITER

It's just your average weekday morning at Anaheim's newest pilot school, and students are getting ready to fly.

Three computer screens surround a student's head as he sits within his virtual cockpit. Rotating the yoke – the “steering wheel” of his simulated aircraft – he executes a slow, steady turn through a blue expanse of sky over the virtual city of Long Beach. An airport looms in the distance, one open space in a sea of gray, cubic buildings.

“Pull up!” his partner says. The young pilot hits the asphalt successfully, but the students are concerned about the landing and check the exterior of their craft.

These Canyon High School students are juggling practicing their airplane landings with attending football games, studying for the SATs and taking dates to homecoming.

The Anaheim Hills school is home to the first and only high school aviation program in Orange County. By the end of the program, these 45 students will be on track for several potential aviation careers and could take the written portion of the test for a pilot's license.

“I'd like to be able to design airplanes, or maybe even fly them to test,” said James Stupin, 17, who is eyeing careers in aerospace engineering or automotive design.

“(We use) a lot of cool technology that there's no way a normal class would get to have,” said program founder Steve Smith, who does triple duty at Canyon, teaching aviation, mathematics and student leadership. “(It's) doing everything that educators are pushing for these days with science, math and technology.”

SEE FLIGHT • PAGE 4



PHOTOS: JEFF GRITCHEN, STAFF PHOTOGRAPHER

Students in Steve Smith's Aviation II class fly simulators Sept. 3 at Canyon High School. The school received a grant to provide simulators for the aviation program.

## Pilot Licensing 101: The basics

Here are a few of the types of licenses pilots can get:

- Sport pilot:** You can fly light sport aircraft, which are one- or two-seater aircraft that tend to be smaller, lighter and simpler.
- Recreational pilot:** You can fly one additional passenger. Initial restriction of 50 nautical miles.
- Private pilot:** Requires minimum age of 16. You can fly unlimited passengers for sight-seeing or charity flights. International flights and night flights allowed.
- Instrument rating:** You can fly at altitudes above 18,000 feet above sea level or in weather with reduced visibility.
- Commercial pilot:** Requires private license. You can fly for hire.
- Certificated flight:** Requires commercial license, instrument rating. You can teach people how to fly and give flight reviews.
- Airline transport pilot:** Requires commercial license, instrument rating, minimum age of 23. You can fly airline, corporate and charter aircraft.
- Designated examiner:** Requires decades of experience. You can perform check rides or flight tests.

Source: Aircraft Owners and Pilots Association, aopa.org

## Construction contracts for parks awarded

BY ART MARROQUIN  
STAFF WRITER

The city's second dog park is scheduled to open in Anaheim Hills by next summer, boasting an open space for canines to run and mingle.

Construction is expected to begin next month on the dog park at Olive Hills Park, featuring water stations, trees, a walking trail and separate play areas for large and small dogs. Earlier this month, the City Council awarded a \$1.13 million contract to Horizons Construction Co. of Orange to complete the work.

“I do think it really is good for socializing the dogs and having the dogs' owners go out and actually get to meet other people,” said Councilwoman Lucille Krings, who said she has asked for dog parks to be built in Anaheim since 1999.

Krings also suggested a dog park be built at Maxwell or Twila Reid parks in west Anaheim as a way to deter home-

less people from gathering – some residents living near Twila Reid raised concerns at the meeting. City officials said the homeless have largely stopped gathering at La Palma Park after Anaheim's first dog park opened there in March.

The dog park at Olive Hills, just off East Nohl Ranch Road, was originally scheduled to open this year, but city officials said the site required additional review before construction could begin.

Separately, a new gazebo, benches, tables and play equipment will be built at a pocket park in the 900 block of Circle Park, just north of Ball Road and Gilbert High School in west Anaheim. The City Council awarded a \$383,465 contract to Micon Construction Inc. of Placentia to build the park by February.

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## Anaheim halfway to water-thrifty goal

BY BROOKE E. SEIPEL  
STAFF WRITER

Anaheim residents and businesses have surprised city officials, saving 1.7 billion gallons of water since mandated restrictions went into affect June 1.

The city was given a 20 percent conservation mandate by the state after Gov. Jerry Brown called for urban water used to be reduced by a quarter in California.

Water usage dropped in the city an estimated 24 percent in August compared with the same period in 2013 (the baseline set for conservation efforts in the state), city officials said. That

comes after a 31 percent reduction reported in July and a 25 percent drop in June.

Anaheim leaders aim for the community to conserve 3.3 billion gallons of water by the end of February.

“Personally, I was pleasantly surprised,” Melissa Seifen, communications supervisor for public utilities, said of the conservation seen so far. “I kind of thought that we would hover around that 25 percent.”

An ordinance restricting landscape watering to two days a week was passed in May to help cut back. Hotels are required to make laundering towels and linens optional. Restaurants are

asked to serve and refill water only when requested.

Large irrigation customers, such as Disneyland Resorts and Angel Stadium, were accepted into a Alternative Compliance Plan, which permits watering more than two days a week, but requires they create a conservation plan with a 20 percent reduction in usage.

The city also offers numerous rebate programs on its website, which has led to the installation of almost 4,000 water-efficient devices, Seifen said.

More than 1,000 residents have taken advantage of the rebates, the most popular being turf removal, she said.

# FLIGHT

FROM PAGE 1

"It was awesome," Smith said. "It was just really cool to see that there was, right out of the gate, more interest than I was anticipating."

The program offers two classes, Aviation I and II. More will be added. Smith wrote the curriculum using Federal Aviation Administration guidelines, modeling it after university introductory aviation courses.

By the end of Aviation II, Smith said students should possess enough technical knowledge to pass the written portion of their private pilot license test, which is open to anyone 16 or older.

Students not only take FAA-style written exams but also pilot planes themselves on the classroom's Microsoft flight simulator systems. Each unit costs about \$4,500 and features three monitors, speakers, an instrument panel, pedal system, side console, yoke and radios used for simulated conversations with air traffic control.

This year, the program received a \$100,000 implementation grant from the district to buy four new simulators in addition to class sets of Chromebooks and flight planners.

One challenge Smith said he faced was tailoring the curriculum to a wide spectrum of background knowledge. Some may have signed up for an easy senior elective, he said; others enrolled because the pathway appealed to their career interests.

There are a multitude of careers in the aviation industry, Smith said. Last year, he took students on field trips to museums and airfields, including Fullerton Municipal Airport and Corona Airfield.

"I didn't want the focus just to be (on becoming) an airline pilot," Smith said. "I

## A full load

As Canyon Aviation grows, it will become a four-year program. Here is the proposed schedule

- Ninth grade: Pre-aviation
- 10th grade: Aviation I
- 11th grade: Aviation II
- Summer or 12th grade: Internship
- Optional: Aviation Science

wanted it to be, 'Look at all the different possibilities that exist ... air traffic control, the military, maintenance, management, airport operations.'

The local aviation community has been extremely supportive, he said. The Planes of Fame museum gave his class free guided tours, and the Anaheim Police Department Air Support Team donated expired flight charts and demonstrated the airplanes and helicopters used for surveillance.

Canyon Aviation also hosts guest speakers, and when a representative from Embry-Riddle Aeronautical University visited the class, 16-year-old Zach Marshall said he found his new dream school.

Marshall said he finds meteorology and flight planning fascinating. Recently, a class volunteer opportunity helped him land a job at the Chino airport.

"Since I was able to make a paper airplane, I've always wanted to fly," said Marshall, a junior. "We had a Marine F-18 mechanic who came in. That got me interested in maybe going to the Marines."

Word of the program has flown as far as San Diego and Riverside, district officials said.

"(We're) in talks with community colleges that



PHOTOS: JEFF GRITCHEN, STAFF PHOTOGRAPHER

"It's already bigger than my initial vision was and I think it has the potential to be huge," instructor Steve Smith says of his aviation classes at Canyon High School.

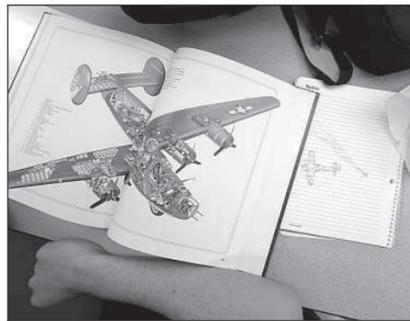
own planes in Orange County," said Diana Schneider, senior director for the Career Technical Education Partnership in the Garden Grove, Santa Ana and Orange Unified school districts.

"Students are all being encouraged to go forward and take the next level, whether it's at a community college or a four-year university, because we want them to get to the top of their field ... There's so many job openings for people with flight experience," she said.

Including girls. Smith added that he wants to encourage more girls to take the program - he's had only two each year.

There are, he said, a ton of scholarships and internships open for females interested in flying.

Canyon Aviation is making more big changes in the coming years. Smith wants to implement an aviation internship class for college credit in which students



A student studies and doodles during the aviation class at Canyon High.

can get off-campus positions in aircraft maintenance, business, operations, engineering or even flying.

In addition, a new Aviation Science class will be introduced in 2016.

Physics and calculus teacher Khoa Dao, who started at Canyon last fall, is working on curriculum for the new class that will address topics such as motion, meteorology and the physics of flight.

"I am working on the outline for the class because it includes a quarter of physics," said Dao, who also

coaches Canyon's Academic Decathlon team. "We are modeling the class from college aviation science courses."

Smith said he's happy that many of the students have said they want to later obtain a pilot's license.

"It's already bigger than my initial vision was and I think it has the potential to be huge," he said. "If you speak aviation ... it can benefit you and open up career possibilities you might not have thought of."

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**Gold chapter:** Cal State Fullerton's National Student Speech-Language Hearing Association has been awarded gold accreditation from The National Student Speech-Language-Hearing Association for the fifth consecutive year. It is part of the College of Communications.

The association is the na-

tional organization for graduate and undergraduate students who study human communication, including disorders. Less than 10 percent of student chapters nationwide attain gold chapter recognition each year. Chapter members are required to participate in awareness-raising campaigns for speech- and

audiology-related issues. ...

**Many happy years:** Congrats to **Siles and Julia Bazerman**, who are celebrating their 60th wedding anniversary this month. The couple married on Sept. 10, 1955, and have lived in the same Garden Grove home for more than 50 years. Both are retired from General Telephone. The Bazer-

mans raised three children and have four granddaughters and a great-grandson. ...

**Celebrating service:** **Cliff Chaffee**, 100, was recently presented with a Century Award by **Steve Spernak**, policy adviser for Supervisor **Shawn Nelson**. The award, delivered during an event at the Brea Senior Center, celebrates the centenarian's journey.

Chaffee joined the United States Navy in 1933 and served in World War II and the Korean War. During

World War II, Chaffee served in an aircraft service unit at Roi-Namur, one of the Marshall Islands.

After 21 years in the Navy, Chaffee stayed in Long Beach where he worked and lived for 61 years. In 2012, he participated in the Veterans History Project for the Library of Congress.

The Bravo! section highlights achievements of North County residents and groups. Send news for consideration to northbravo@ocregister.com.

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COURTESY OF ANNE BAZERMAN

Siles and Julia Bazerman met at Los Angeles City College and have been married for 60 years.

### ADVERTISEMENT

## Tom Iovenitti Joins Berkshire Hathaway HomeServices California Properties Iovenitti developing Americana Holdings' Northeast Orange County offices

LAS VEGAS (September 3, 2015) Tom Iovenitti has joined Berkshire Hathaway HomeServices California Properties. The long-time real estate executive is developing the company's Orange County offices, which opened this summer and has already attracted many of the top producing executives in the area. The division of Americana Holdings, which operates in Nevada, Arizona and California, has offices in Yorba Linda, Anaheim Hills and Brea with plans to open several more in the Tri-County area.

Iovenitti has been a licensed real estate broker since 1993 and has owned his own real estate firms including American Family Realty, which was acquired by a Coldwell Banker real estate franchise that he worked with until 2010 managing 17 offices and 1,200 real estate sales executives.

Recently, he served as executive vice president auction.com's residential real estate division and consulted with real estate technology companies on new analytics for real estate in lead generation and list fulfillment.



Tom Iovenitti

Iovenitti said he was inspired to join Berkshire Hathaway HomeServices California Properties after meeting CEO Mark Stark. "He is a true real estate man who sees the future and benefits of support to each sales executive he leads," he said. "I love that passion and focus in a leader, and it is already paying off. In just 30 days since opening the company's Southern California offices, we have built an impressive team that is already on track for an estimated \$300 million in annual sales volume. With the highly successful team assembled in Nevada at the corporate headquarters and the coaching team here in California, there is no other

franchise that meets the remarkable vision of Berkshire Hathaway HomeServices California Properties."

The division is operated by Americana Holdings, which also operates Berkshire Hathaway HomeServices franchises in both Nevada and Arizona. Combined, the companies have nearly 2,500 real estate sales executives in 25 offices. In 2015, Americana Holdings was recognized as the largest franchise in the Berkshire Hathaway HomeServices organization and last year posted \$2.7 billion in sales.

"Berkshire Hathaway HomeServices has become the premier brand in residential real estate and we were thrilled to be recognized among the organization's top franchises, top teams and top offices in the country," said CEO Mark Stark. "The brand is now known globally as a leader in technology, marketing and overall representation of buyers and sellers."

### About Americana Holdings

Americana Holdings, which includes Berkshire Hathaway HomeServices Nevada Properties, Berkshire Hathaway HomeServices Arizona Properties and now Berkshire Hathaway HomeServices California Properties, is a leader in its marketplaces with 25 offices and nearly 2,500 agents combined. According to the Wall Street Journal's "2015 REAL Trends 500," Americana Holdings is the #39 residential real estate firm in America.

In 2014, Berkshire Hathaway HomeServices was named "Real Estate Agency Brand of the Year" by consumers in the 26th annual Harris Poll EquiTrend® study of the largest real estate networks. Visit www.bhnsnv.com or www.bhnsaz.com for details.