

DESERT WINGS

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Heads up: 418th FLTS wraps up new C-17 HUD testing

By Kenji Thuloweit

412th Test Wing Public Affairs

The 418th Flight Test Squadron is finishing up tests on a new head-up display for the C-17 Globemaster III this week.

The Air Force wants to see if the Replacement Head-Up Display can supplant the legacy display with a newer, more capable version.

For the three-week test, the C-17 Integrated Test Team installed RHUDs on an Edwards C-17 for a second round of testing. The C-17 ITT teamed up with pilots from Air Mobility Command Test and Evaluation Squadron Detachment 3 and operational pilots from Travis Air Force Base, California, who provided an early look into operational use, according to Steve Salas, 418th FLTS project manager.

The current HUD is being replaced due to obsolescence said Robert Getsfred, who is the acquisition program manager from Wright-Patterson Air Force Base, Ohio.

The C-17 RHUD is larger and has more clarity of symbology than the Legacy HUD.

"It provides a larger field of view with a sharper image, which can provide decreased pilot workload to analyze infor-



The view of the wash rack on the Edwards flight line through the Replacement Head-Up Display on an C-17 Globemaster III. The Air Force is looking to see if the RHUD can supplant the legacy display with a newer, more capable version. (U.S. Air Force photo by Kyle Larson)

mation in the HUD," said Maj. Daniel Edelstein, 418th FLTS test pilot.

According to Elbit Systems of America, the RHUD is designed to be installed and removed easier for maintenance and includes other enhancements.

The 418th FLTS collected data from

both flight and ground tests along with human systems integration surveys from pilots. The Air Force will review the compiled data in the future to see if the RHUD is suitable to replace the legacy C-17 HUDs, which is close to 30 years old.

Schaefer talks leadership at annual business conference

By Michelle Thomas

412th Test Wing Public Affairs

The Antelope Valley Board of Trade held its 46th Annual Business Outlook Conference at the Antelope Valley Fairgrounds in Lancaster, California, Mar. 2.

This year's theme, "Small Business, Big Results," highlighted the plight of small businesses and how they and larger employers impact the Antelope Valley.

Invited speakers talked about improving business in the Antelope Valley, with such topics ranging from the national economy, doing business with aerospace companies and labor law.

One of those speakers was Brig. Gen. Carl Schaefer, 412th Test Wing commander, at Edwards Air Force Base.



(U.S. Air Force photo by Michelle Thomas)

During his opening comments, Schaefer, who was recently nominated for a second star, noted the "typo" on his slides as the words Antelope Valley had been replaced with the words "Aerospace Valley."

"That's the way I think of this valley... as the Aerospace Valley," said Schaefer, who went on to explain how his family considers the A.V. to be home after multiple tours here.

According to Schaefer, Edwards AFB is the largest employer in the Antelope Valley with the mission to continue to modernize and innovate the warfighter with the ultimate goal to remain the most lethal Air Force in the world.

The general noted that the only way he and his leaders can accomplish this mission is through solid leadership.

"First of all, recognize and communicate personal priorities to your folks," said Schaefer.

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Edwards AFB dorms welcome new Airman leader

By Melody Couch

412th Civil Engineer Group Housing Management

Staff Sgt. Marcos Martinez recently joined the 412th Civil Engineer Group's Consolidated Dormitory Management Office as the new airman dorm leader. The ADL is a special-duty position; which is hand-picked by 412th Test Wing Command Chief Master Sgt. Roosevelt Jones. Martinez will have many responsibilities in his new position such as mentoring residents and assisting them in adjusting to military life. He ensures residents comply with directives, uphold dorm living standards, help assess good order and discipline, as well as exercise general supervision over residents.

"Staff Sergeant Martinez has an important job, he will be on the front line helping to develop some of the country's finest assets, our young military members in their careers, we are glad to welcome him to our team," said James Judkins, 412th CEG director.

Martinez entered the Air Force in 2006 as an airman first class thanks to his college experience. After basic training and Aerospace Ground Equipment technical school, he arrived at Joint Base Lewis-McChord, Washington, in support of C-17 Globemaster operations. He then deployed to Al Udeid Air Base, Qatar, in support of Operations Iraqi Freedom and Enduring Freedom. After five years at JBLM, Martinez was awarded an AGE position with an F-35 Joint Strike Fighter unit at Edwards AFB.

During his time here, he has established himself with leadership roles both on- and off-duty. His persistence in these roles and dedication to the mission helped earn him the ADL position.

While off duty Martinez enjoys spending time with his family, playing drums, composing and teaching music, attending concerts and playing video games. He also volunteers at Desert Junior-Senior High School with the music program teaching percussion and last summer taught a summer music camp at the Youth Center.

According to Martinez, he frequently looks for ways to



Airman 1st Class Benjamin Kriz, 412th Aircraft Maintenance Squadron Joint Strike Fighter Aircraft Maintenance Unit (left) works with the new airman dorm leader, Staff Sgt. Marcos Martinez to obtain a room for an arriving Airman. (Courtesy photo by R.C. Morgan)

mentor others in the community.

"I found a great way to combine my passions for music and community as well as a chance to give back," said Martinez. "When I heard there was a dorm leader position opening, I thought it would be a great opportunity to get involved again with mentoring junior enlisted service members. As a young staff sergeant it was very seldom that I had chances like this at my prior positions."

Martinez began the first month on the job teaming with his fellow dorm managers, first sergeants and the 412th TW command chief developing the new bay chief program to replace the prior bay orderly program. The new program is designed to allow junior enlisted members additional leadership opportunities within their social communities, restore pride and ownership in their living areas and refocus up to 9,700 man hours annually into training and unit readiness.

Global Hawk turns 20

Northrop Grumman Corporation celebrated the 20th anniversary of the first flight of its autonomous Global Hawk this week. The first Global Hawk aircraft, named Air Vehicle 1, or AV-1, was built by Teledyne Ryan Aeronautical at the Ryan factory near San Diego's Lindberg Field. Northrop Grumman would acquire Teledyne Ryan in 1999.

On a clear and calm morning, Feb. 28, 1998, AV-1 taxied itself to its take-off position at Edwards Air Force Base. The aircraft was all white, except for its U.S. Air Force markings and sported a unicorn-like mast out of the front of its nose. Ryan pilot Mike Munski, in the ground control station nearby, clicked the take-off button on his control console and AV-1 took off into the desert sky. After a 56 minute flight, the first Global Hawk landed safely and stopped itself on the runway, just six inches off the painted centerline.

In active operation with the U.S. Air Force since 2001, Global Hawk has amassed more than 250,000 flight hours with missions flown in support of military and humanitarian operations.



(Courtesy photo/Northrop Grumman)

412th Force Support Squadron upcoming events

Force Support Squadron 277-0723

Easter Egg-Stravaganza is March 31. Enjoy a range of Easter events all in one day. Breakfast with the Easter bunny is 9-11 a.m. at High Desert Lanes. Admission price includes pancakes, scrambled eggs, bacon, sausage, fresh fruit, juice or coffee, and three games with rental shoes. Bring your camera to take pictures with the Easter bunny. No reservations necessary. Bowling lanes are first come, first serve. However, three free games may be redeemed all day.

This year's egg hunt is 11:30 a.m.-1 p.m. at Wings and Roberts Fields. Join us for the FREE egg hunt. Bring your own basket or we will supply one for you. Fields will be divided into different age group with a thrilling paintball egg hunt on the inflatable paintball field for ages 14-18. Enjoy complimentary food while supplies last. Bring your camera to take pictures with the Easter bunny!

Easter Family Movie "Leap!" will be shown at 1 p.m. at the base theater with FREE admission. Concessions available for purchase. Lobby opens 30 min before showtime.

Doggie Egg Hunt is at 2 p.m. at Bark Park. All dogs must be current with vaccinations and on a leash. Plus, your chance to win Easter baskets, theme park tickets and more.

Base Movie Theater Grand Opening is Friday, March 16. Doors open at 5 p.m. Free admission. Featured movie: "Star Wars: The Last Jedi." Showtime is at 6 p.m. Get your photo taken with your favorite Star Wars character from the 501st Legion! No outside food or drinks allowed. Concessions will be available for purchase.

New Studio412 Print Shop is open 8 a.m. --4 p.m. and is located at the Marketing Office inside the Arts & Crafts Center. The Marketing Office is now able to support your printing needs under their new Studio412 Print Shop! Printing services include 8.5x11 standard prints, posters and photo prints and are available to anyone with base access. To view our price listing and to submit an order, please visit: <https://edwardsfss.com/wordpress/support/studio412>. For more info call 275-3826.

Airman and Family Readiness Center 277-0723

Building Your Pot o' Gold is Friday, March 16 from 2-4 p.m. at the AFRC. A family-friendly event. Have a fun afternoon with St. Patrick Day themed games, crafts and learning opportunities about money and building your own pot of gold at the end of the rainbow. Grab a friend and join us!

Club Muroc 275-CLUB

St. Patrick's Day Celebration is March 16, 5-9 p.m. at Club Muroc. Enjoy green beer and corned beef and hash. DJ from 5-9 p.m. Prizes for the best dressed.

High Desert Lanes Bowling Center 275-BOWL

St. Patrick's Day Irish Sweeper is Saturday, March 17 at 3 p.m. Register March 1-17

at High Desert Lanes Bowling Center. Scratch singles, three-round bowling tournament with each round being a different format. Entry fee required per person. At the end of three rounds, FSS Gift Cards will be given out for the top three to five high series bowlers.

Green Pin Special is every Monday, 10:30 a.m.-7 p.m. Get a strike when you have a green head pin and get that game free. Shoe rental not included. Cannot be combined with any other offers/specials.

Arts and Crafts Center/Auto Hobby 275-ARTS/AUTO

Instructors Needed! If you're creative, we need you. Arts and Crafts is seeking out instructors of all types. Come and share your creative knowledge with a diverse group of students looking for painting, photography, drawing, scrapbooking and other craft/art related instruction.

Towing service available through Auto Hobby Tuesday-Friday, 9 a.m.-5 p.m. Towing is available on-base and off-base. Call Auto Hobby for more information or prices.

Auto Hobby hours are Wednesday, 9 a.m.-6 p.m.; Thursday & Friday, 12 p.m.-8 p.m.; Saturday, 9 a.m.-5 p.m.; and Sunday, 12 p.m.-5 p.m.

Library 275-BOOK

Storytime — Toddlers and preschool children are invited every Wednesday and Friday at 10 a.m. to enjoy a wonderful story and create very unique craft projects. Volunteer readers are welcome!

New Mango Languages Online — This new option to learn more than 70 languages is being offered by Air Force Libraries and is available through the AF Portal. To create an account, select "Database and Online Resources" from the "Library & Resources" tab, then select "Educational Resources" where Mango Languages will be listed.

Education and Training 277-2713

Leadership Training Opportunities — Did you know that your Edwards Education and Training Center offers a variety of civilian leadership training programs to help civilian leaders in their day-to-day leadership paths? Examples of the courses that can be offered are: Leadership Gold, 360 Degree Leader and Leadership the Challenge. Please contact your Edwards Education and Training Center if any one of these courses are of interest to you.

National Test Center hours are Tuesday-Thursday from 8 a.m. until 2:30 p.m. only. To schedule an exam, or for additional information, please contact the AMU test examiner at 524-4431, or contact Education and Training. As always, the office is open for all your educational needs. As always, drop by the Ed Center for any questions.

Aero Club 275-AERO

Flight Instructors Needed!
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thousands of men and women who made their dream a reality. Open to active duty military, DOD and NAF civilians, family members, Civil Air Patrol members, retired military, Guard and Reserve, and others by installation approval. Earn three months free Aero Club membership with your introductory flight. For more information visit myairforcelife.com/aeroclubs or contact your local Aero Club to sign up for your introductory flight.



Adopt me!

Charlamagne is one gorgeous shepherd mix (we believe retriever). She's around 7 months old, super sweet and lovable. She came from a not-so-great situation but has become quite the outgoing lovable girl in a very short time. She does well with other dogs and kids and would do amazing in almost any home! Call APET at 258-9525 today!

Outdoor Recreation 275-CAMP

Now Hiring Lifeguards for the Oasis Aquatic Center. Free training for applicants who pass the initial swim test. Swim test includes a 300 meter swim, two-minute tread with no hands and a timed deep-water brick retrieval. Must be 16 years or older to apply. Contact the Oasis Aquatic Center for more information.

Open/Family Swim at Oasis Aquatic Center is Monday-Friday. Hours are 3-5:30 p.m. Family pass is valid for four people for three months. Passes are available for purchase at Outdoor Recreation and the Oasis Community Center now. They must be shown to the lifeguards on duty for verification before entering the pool.

Free Lap Swim at the Oasis Aquatic Center hours are Monday, Wednesday and Friday from 6-8 a.m. And Monday-Friday, 10 a.m.-6 p.m. No children allowed unless they are able to swim laps unsupported.

Need Ski or Snowboard Gear? Outdoor Rec has all of the equipment you need. Check out the Equipment Rental pricelist on ODR's page at www.edwardsfss.com or stop by ODR today!

Numerous openings in RV Storage — Come over and park your equipment for our low prices and have access to them anytime you need.

Rosburg Fitness Center 275-GYM1

Basketball Referee Clinic is March 21-23, 3-4 p.m. Sign up by March 21 at the Rosburg Fitness Center. Ages 18 and up. Are you interested in learning to referee basketball and have the opportunity to become a paid referee during the upcoming intramural season? Sign up today.

Family Child Care 275-4322

Family Child Care is seeking dedicated people who love working with children! If you live on-base and want to care for children in your home or you are a military dependent and live off-base, you may be eligible to be a licensed or affiliated provider! Make a positive difference in the lives of children! Most materials and training are provided free of charge!

Extended Duty Care is offered to assist parents who need additional child care beyond their normal arrangements due to mission-related requirements. Children must already be enrolled in the Child Development Center, the School Age Program or the Family Child Care Program to qualify. To enroll in this FREE Extended Duty Program or for more information, please contact the Family Child Care office.

The Benefits of Being a Family Child Care Provider — If you are interested in becoming an FCC licensed provider, contact the FCC Office at 275-4322. We need providers to offer alternate hours to accommodate evening, swing and weekend duty hours.

Muroc Lake Golf Course 275-PUTT

St. Patrick's Day Tournament is Saturday, March 17 with an 8 a.m. shotgun start. Entry fee includes cart and greens fee. Sign up by Monday, March 12. Format is 18-hole, four-person scramble. Prizes and food following play. Limit-

ed to the first 18 teams to sign up. Must have an SCGA handicap.

Single Airman Golf Special — Single Airmen can enjoy 18 holes, cart, burger, fries and drink for a small price. Rental sets are provided for no charge if needed. Limited to the first 100 participants. Single Airmen are Air Force active duty or Air Reserve Component personnel permanently assigned to an Air Force installation or Air Force-led joint base without a spouse and a guest.

Rod & Gun 275-CAMP

"Big 50" Thursdays - The "Big 50" is an Amateur Trap Shooting Association registered shoot in which all participants shoot 50 single targets, 50 double targets and 50 targets from their handicapped position. For more information, call Outdoor Recreation at 275-CAMP.

Information, Tickets and Travel 275-TRIP

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Armed Forces Vacation Club — Let us find your dream vacation rental. Forget cramped quarters, get access to space-available resort rentals worldwide for one low weekly price. ITT is located in the Oasis Community Center. Call 275-TRIP (8747) for more info.

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Upgrades to keep Edwards vehicles running for years

By Kenji Thuloweit
412th Test Wing Public Affairs

The 412th Civil Engineer Group celebrated the completion of repairs and upgrades to the main base military gas station Feb. 26. Base civil engineers and contractors from Gilbane Federal got together to cut the ceremonial ribbon signifying the completion of the \$1,187,000 project.

Upgrades include new fuel dispensers, a new overhead canopy, and new pavement and joint repairs to replace the dilapidated old surface around the fueling station. A new rollover concrete berm at the fuel transfer area was built along with an isolation pit to contain accidental fuel spills. New improved lighting was also installed to help nighttime operations.

The completion of the Main Base Military Gas Station Repair-Upgrade Project culminates a nine-project effort funded by the Defense Logistics Agency to repair its facilities on Edwards AFB. Gilbane Federal completed the repairs and upgrades to all the locations in the contract ahead of the May 2018 scheduled completion date.

According to Jose Delavega, 412th CEG civil engineer, the Edwards military gas station was originally built in 1956 with several minor repairs and upgrades over the years. However, the DLA began identifying major repair needs in 2005. In 2014, the DLA and Army Corps of Engineers identified several other DLA facilities on base and awarded the contract to conduct the work.



Center: Chief Master Sgt. Daniel Thompson, 412th Mission Support Group superintendent, and James Judkins, 412th Civil Engineer Group director, cut the ceremonial ribbon to celebrate the completion of major repairs and upgrades to the main base military gas station at Edwards Feb. 26. The completion of the project is the last of nine projects funded by the DLA for repairs and upgrades to facilities on Edwards. (U.S. Air Force photo by Kenji Thuloweit)

“With the recent repairs and upgrades — the main base military gas station, the flight line fueling station, the South Base gas station, the Air Force Research Laboratory gas station and the [Precision Impact Range Area] gas station — we will be able to serve the military and government vehicles at Edwards Air Force Base for years to come,” said Delavega.



Contractors installed a cat walk at the E-85 refueling point at the main base military gas station. The gas station dispenses regular vehicle fuel and bio-diesel fuel, as well as Ethanol (E-85) fuel for flex-fuel vehicles. (U.S. Air Force photo by Kenji Thuloweit)



Jose Delavega, 412th Civil Engineer Group civil engineer, stands next to a new isolation pit to contain accidental fuel spills at the fuel transfer area at the main base military gas station Feb. 26. (U.S. Air Force photo by Kenji Thuloweit)

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He cited faith, family, Air Force and mission as the cornerstones of his personal priorities. Regarding professional priorities, the commander emphasized the importance of creating a “culture of value.”

“Everyone’s of value and deserves to be treated that way. When you recognize that, you have a culture where people have a smile on their face when they come to work... harassment and discrimination cannot exist in a culture of value.”

Communicating an organization’s vision and mission also topped the list of the general’s priorities.

“Avoid falling prey to the ‘culture of assumption,’” Schaefer said. “A cultural of assumption is where as a leader, I think... ‘If I tell people my mission and vision once, it’s known down to the lowest employee.’ That is a false assumption. It’s important as leaders to communicate the mission and vision at every opportunity to go over your values to make sure your folks understand.”

Throughout the 20-minute talk, Schaefer highlighted such leadership goals like the importance of maintaining your integrity, being humble and approach-

able, and most important, “do not walk past a problem without trying to fix it.”

Among the leadership strategies Schaefer most lauded is what he referred to as the inspirational leader.

According to the general, when employees aren’t just engaged, but inspired, that’s when breakthroughs happen.

“You can scare, reward or inspire folks...which leader do you want to be?” asked Schaefer. “I want to be an inspirational leader. And for me, I do this through connecting people to something bigger than themselves.”



This Week in Edwards History

On March 8, 1979, Space Shuttle Columbia arrived at Edwards AFB on a trailer after a 38-mile journey from the Rockwell International plant in Palmdale, California. The trailer traveled through Lancaster, California, then to Edwards. The orbital vehicle was delivered to NASA's then Dryden Flight Research Center facility to be mated with its Boeing 747 carrier aircraft. (Edwards History Office file photo)



(Courtesy photo)

DHS wrestlers win big

Desert High School wrestling team just finished their season for the year. Eight of the team's wrestlers competed at sectionals and qualified for the California Interscholastic Federation's post season Feb. 16. The event was held at Sierra Pacific High School in Hanford, California. CIF is the organization that oversees high school sports in California and holds championships regionally and state wide.

This season the team won the Central Section CIF Ingraham Trophy Winter Team Academic Award for the highest combined grade point average of all the high schools located in the central section.

High Desert League champions are Justin Cook, Aaron Baker, Brian Johnson, Jared Stanton, LeAaron Santos, Nathan Boles, Matt Valdez and Noah Leon. Monique Martinez and Katherine Martinez competed in the female CIF Sectionals in Tulare, California.

The team celebrated their accomplishments at Desert Wrestling's annual awards banquet Feb. 27.

"The entire Desert High School wrestling family is proud of all the accomplishments of the Desert wrestlers this year. It is the culmination of a lot of hard work," said Mike Cook, the Desert High School Booster Club President and volunteer coach.

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