

DESERT WINGS

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Team tests ground equipment concept demonstrator here

By Christopher Ball

412th Test Wing Public Affairs

A team working with the 412th Logistics Test Squadron recently completed tests on an all-electric aircraft power supply unit here.

Called the Hybrid Electric Flight Line Cart Technology Pathfinder, this unit was the first step in developing a new system for providing electric power to aircraft during maintenance on the flightline and inside hangars.

Aircraft produce their own electric power when the engines are running, but when the engines are off maintainers performing system checks and other maintenance typically rely on a diesel generator to support electrical power requirements.

Tom Layne, a representative from the Air Force Research Laboratory, said this concept demonstrator is essentially a large bank of batteries coupled with the necessary power conditioning equipment to make the machine compatible with multiple types of aircraft.



A test team monitors the Hybrid Electric Flightline Cart Technology Pathfinder unit as it powers a static C-17. The unit, which goes by the acronym HEF, was a concept demonstrator built to explore an all-electric or hybrid electrical power supply for use by flightline maintainers. Some possible advantages are lower noise, emissions and less maintenance than the diesel generators currently in use. (U.S. Air Force photo by Christopher Ball)

Representatives from the Air Force Research Laboratory Materials and Manufacturing Directorate, Concurrent Technology Corporation — the contractor that built the power supply — and the 412th MXLS successfully ran the unit through its paces on the Edwards flightline, testing it with an F-16, a KC-135, and the biggest power draw, a C-17.

Layne said the idea was to leverage developing technologies to make a power

unit that is cleaner, safer, and more robust with less maintenance.

“Why do we have electric cars, but we’re still running diesel generators for aircraft maintenance?” he asked.

The unit is designed to charge overnight on the standard power grid, or it can be quickly recharged on the flightline using existing diesel generators.

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Navy E-6B returns to Edwards, completes test mission

By Kenji Thuloweit

412th Test Wing Public Affairs

A U.S. Navy E-6B recently completed testing at Edwards and returned to Tinker Air Force Base, Oklahoma, Feb. 7.

The E-6B Mercury is a communications relay and strategic airborne command post aircraft. It provides survivable, reliable and enduring airborne command and control, and can communicate between the National Command Authority and U.S. strategic and non-strategic forces. The Navy has two squadrons, the “Ironmen” of VQ-3 and the “Shadows” of VQ-4, which deploy more than 20 aircrews from Tinker AFB to meet these requirements, according to the Navy.

“They were here executing flutter and loads testing on the E-6B with Multi-Role Tactical Common Data Link modification incorporated, said Sawn Sandland, 418th Flight Test Squadron program manager. “This modification includes three changes to the outer mold line of the E-6B consisting of three new radomes.”

The Navy periodically brings an E-6B to Edwards for testing. Sandland said base support includes supplying facilities, providing chase planes and range usage and data collection.

According to the Navy, the E-6B was conceived as a replacement for the Air Force’s Airborne Command Post due to



An aerial view of a U.S. Navy E-6B flying over California mountains Jan. 27. (U.S. Air Force photo by Christopher Okula)

the age of the EC-135 fleet. The E-6B is a modified E-6A with added battle staff positions and other specialized equipment. The E-6B is a dual-mission aircraft capable of fulfilling either the E-6A’s mission of linking the NCA with naval ballistic missile forces, or the airborne strategic command post mission, and is equipped with an airborne launch control system. The ALCS is capable of launching U.S. land-based intercontinental ballistic missiles.

The first E-6B was accepted by the Navy in 1997 with the rest of the fleet modified to the E-6B configuration in 2003.

ALS enjoys success as it sees another large class graduate

By Kenji Thuloweit
412th Test Wing Public Affairs

The 412th Force Support Squadron's Airman Leadership School graduated 41 senior airmen, one U.S. Marine corporal and one civilian Feb. 9 at Club Muroc.

Class 17B marks another class to graduate after ALS expanded its class size to accommodate Air National Guard and Reserve Airmen and offer slots to sister services and civilians.

ALS is a five-week United States Air Force program designed to develop Airmen into effective frontline supervisors. It is the first professional military education that enlisted Air Force members encounter. ALS focuses on building leadership and team development abilities as well as effective communication. Congratulations to all the graduates who took another step in their careers!



From left: Brig. Gen. Carl Schaefer, 412th Test Wing commander, presents an Airman Leadership School graduation certificate to Cpl. Johnathan Miller, U.S. Marine Corps VMX-22, along with Chief Master Sgt. Todd Simmons, 412th TW command chief. Miller also won the John L. Levitow Award for ALS Class 17B, which graduated Feb. 9. The Levitow award is presented to the student that demonstrated the most outstanding leadership and scholastic qualities. (U.S. Air Force photo by Kyle Larson)

ALS Class 17B Graduates

Brandon Arreaga, 31st Test and Evaluation Squadron
William Jones, 31st TES
Jason Paul Lopez, 31st TES
Jacob Blackburn, 31st TES
Ian Rayfield, 412th Aircraft Maintenance Squadron
Brian Repp, 412th AMXS
Anthony Tressler, 412th AMXS (Distinguished Graduate)
Loney Felder, 412th AMXS
Bray Dotson, 412th AMXS
Kyla Hayes, 412th AMXS
Jordan Wild, Air Force Test Center
Timothy Varvel, 412th Force Support Squadron (Academic Award)
Jacob Montgomery, 412th Logistics Test Squadron
Rosalva Rojas, 412th Medical Support Squadron
Aireannah Haga, 412th MDSS

Salvatore Battista, 412th Security Forces Squadron
Richard Cherry, 412th SFS
Grant Botten, 412th SFS
Randall Haynes, 412th SFS
Veronica Mederios, 412th SFS
Corey O'Donnell, 412th SFS
Matthew Moncivais, 412th SFS
Gregory Wiegand Jr., 412th SFS
Brandon Mauro, 412th SFS
Allan Garcia, 912th Aircraft Maintenance Squadron
Jacob Barnhart, 912th AMXS
Aaron Mould, 812th Civil Engineering Squadron
Travis Dougherty, 412th Maintenance Squadron (Commandant's Award)
Blake Cyrus, 412th Maintenance Group
Johnathan Miller, U.S. Marine Corps VMX-22 (John L. Levitow Award)

Jason Jacobs, 412th SFS (civilian)
Byron Miller, 163rd Mission Support Group, California Air National Guard
Russell Allen, 144th Civil Engineer Squadron, CANG
Esteban Miranda, 144th Operations Support Flight, CANG
Wai Ho, 129th Logistics Readiness Squadron, CANG
Antonio Quinones, 163rd Civil Engineer Squadron, CANG
Yong Jeon, 452nd Aerospace Medical Squadron, Air Force Reserve Command
Jacob Kloska, 752nd Aircraft Maintenance Squadron, AFRC
Julian Bernard, 555th Red Horse Squadron (Distinguished Graduate), Nellis Air Force Base, Nevada
Maryann Tran, 452nd Logistics Readiness Squadron, AFRC
Felisha Diaz, 56th Aerial Port Squadron, AFRC
Lydia Penate, 446th Civil Engineering Squadron, AFRC
Ransom Yamada, 50th Aerial Port Squadron, AFRC

Team Edwards to observe Women's History Month in March



(U.S. Government graphic)

By Dr. Stephanie Smith
412th Test Wing History Office

Public Law 100-9 established the Women's History Month observance to recognize the contributions of women to American society on March 12 1987. This observance runs throughout the month of March, highlighting both the struggles and achievements of women throughout American history. The Joint Resolution of the 100th Congress instituting Women's History Month observed that women had played and continued to play a crucial role in the economic, cultural and social life of the United States. The theme for Women's History Month varies from year to year. This year's theme is Honoring Women in Labor and Business. For the first time, the 412th Test Engineering Group will champion

the Women's History Month special observance in March.

The calendar for the Women's History Month special observance at Edwards includes several events. Lance Wiscamb, 812th Test Support Squadron, technical librarian, plans to emphasize the theme throughout the month of March with a display on Women and Library Leadership, highlighting the service of women in the 65 years of the technical library's existence. Patrons may view the display on the role of women in the technical library in supporting the mission of Edwards AFB at the Technical Research Library, Bldg. 1400, Room 106. They may also browse a selection of books on women in the military.

The Base Library will hold a special Women's History Month themed story

time and craft for toddlers and preschool children March 24 at 10 a.m. The Base Library (Bldg. 2665) will also have a display of materials relevant to Women's History Month. For more information, contact Alison Vasquez, Base Library director at 275-2665.

The Women's History Month planning committee and 412th TEG will cap off the month's observance with a Women's History Month breakfast tentatively scheduled for 8 a.m. March 30. Also look out for tidbits on Women's History via public announcements throughout the month of March.

Women's History Month planning meetings continue each Thursday at 10 a.m. in Bldg. 1400, Room 414, and additional volunteers are welcome. For questions, contact Simone Kelly, at 277-3773.

412th Force Support Squadron upcoming events

Airman and Family Readiness 277-0723

Women's, Infants' & Children's Clinic is Monday, Feb. 27, 9:30 a.m.-3 p.m. Open for both walk-ins and appointments. Closed for lunch noon-1 p.m. For an appointment or voucher information, call toll free 866-327-3074.

Military Saves Week is Feb. 27-March 3.

Take advantage of the classes available to help you successfully reach your financial goals:

Feb. 27, 11:30 a.m.-12:30 p.m.: Family Financial Planning.

Feb. 28, 11:30 a.m.-12:30 p.m.: The Steps to Easy Home Buying.

Feb. 28, 2-3 p.m.: Car Buying 101.

March 1, 11:30 a.m.-12:30 p.m.: Building a Financial Plan.

March 2, 11:30 a.m.-12:30 p.m.: Fundamentals of Investing and TSP.

March 3, 11:30 a.m.-12:30 p.m.: How to Survive the Holidays Financially.

All classes will be held in the A&FRC, Bldg. 5620. For more information and to register, call 277-0723.

Pre-Separation Counseling is March 1, 8 and 15, 8:30-11:30 a.m. Counseling is a prerequisite for the 5-day Transition Assistance Program. Spouses are highly encouraged to attend.

Newcomer's Orientation is March 2, 7:30 a.m.-2 p.m. Required for all active duty members; provides vital information regarding base resources and services, policies, procedures, recreation opportunities and more. Spouses are welcome and encouraged to attend.

Plan My Move is March 8, 2-3 p.m. Edwards "Plan My Move" seminar will assist you in ensuring you select the proper path for a successful PCS, whether it be planning for an OCONUS or CONUS move.

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

Engraving Shop Email Change - The Engraving Shop's email address is now servicesengraving412@gmail.com.

Instructors Needed! Attention all artists and crafters! If you're creative, we need you! The Arts & Crafts Center is seeking 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. No prior instructor experience necessary. If you are knowledgeable then we are looking for you!

Smog Checks - Auto Hobby has a certified Smog Technician available Tuesday-Saturday, 9 a.m.-6 p.m. No appointment is required!

Basic vehicle maintenance class is Saturdays at 10 a.m. Participants will learn the basics of good vehicle maintenance. Learn how to operate a lift, change your oil and check and balance your tires. Call the Auto Hobby Shop at 275-AUTO (2887) for more information.

Automotive detailer wanted - The Edwards Car Wash is looking for an automotive detailer. Call Auto Hobby for more information.

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.

Oil changes and alignments are offered at very competitive prices as well as services in mounting and balancing.

Wood Shop is available Tuesday through Saturday, 9 a.m.-6 p.m. For the woodworking hobbyist, the Arts and Crafts Center provides a variety of equipment that includes band saws, table saws, a drill press and much more. A safety course is required to use the Wood Shop.

Club Muroc 275-CLUB

Win a Designer Handbag Feb. 26 at 3 p.m. 9 Cards, 9 Games, 9 Prizes! Pre-Registration required.

Tipsee Artist Paint Night is Feb. 28, 6-8 p.m. Doors open at 5 p.m. Painting starts at 6 p.m. Come test your artistic talents! 18 & up to paint, 21 to drink.

First Friday is March 3, 4-6 p.m. Free hors d'oeuvres for club members.

Local Brew Night is March 10 at 6 p.m. Try the best brews around! Get your tickets at Club Muroc.

Information, Tickets and Travel 275-TRIP

ITT Pricelist & Other Events: To see the current ITT price list for events, parks, hotels and discount information, visit www.edwardsfss.com/wordpress/travel/itt.

Call of Duty: Advanced Warfare Tournament (XBOX ONE) March 3, 5-7 p.m. Entry fees go to overall winner.

Lunch Hour Table Games Tournament is March 10, 11:30 a.m.-1:30 p.m. Foosball, ping pong, air hockey, shuffleboard and pool.

Auto Club Speedway 2017 is March 24-26. Contact ITT to get your tickets and pre-race pit passes for Qualifying Day, XFINITY Series NXS 300 and Auto Club 400!

Cruise Crazy - Have you ever wanted to take a cruise but didn't think you could afford it? Now is the time to get your sea legs in gear and get over to ITT because the prices are lower than sea level. Call the ITT office today so we can show you that you don't have to sink to swim!

Oasis Community Center 275-CNTR

Discover Black History Month Feb. 1-28. Celebrate 28 days of Black History with little-known facts, movies and a free activity book! **Zumba** is 11 a.m.-noon and 5-6 p.m. on Mondays, 4:30-5:30 p.m. on Tuesdays and 11 a.m.-noon on Wednesdays. Discount for advance purchase of 10 classes.

St. Patrick's Day City Walk Trip is Friday, March 17, 4:30 p.m.-4 a.m. Ages 18 and up only. Want to visit LA but don't want to drive in the traffic? Let us drive for you. We are chartering a bus to take you to the Universal City Walk on St. Patrick's Day! We will even make

**For more information
about 412th FSS offerings, visit
www.edwardsfss.com/wordpress**

a reservation for dinner at the Wolfgang Puck Bistro. Dinner is not included in the price of the trip. Sign up at the Oasis Community Center by March 10.

Muroc Lake Golf Course 275-PUTT

Spring Half & Half Night Golf Tournament is March 18 at 5 p.m. Front nine shotgun start. Sign up by March 13 at the golf shop. Cost includes cart fee, glow-golf supplies, tournament prize fund and food following the front nine. The format is 18-hole, four-person scramble. Limited to the first 18 teams to sign up.



Adopt me!

Meet Ollie. This sweet collie/retriever mix is only 3 years old with a wonderful temperament. He is house trained and seems to do well with other dogs and kids. If calm and relaxed is your thing, then this boy fits the bill! Call APET at 258-9525 for more information.

Outdoor Recreation

275-CAMP

Mammoth Ski Shuttle is Saturday, March 11, 5 a.m.-9 p.m. Lift tickets not included with price but can be purchased at ITT. For lift tickets or information call 275-TRIP. Minimum age requirement is 6. Anyone under 18 years must be accompanied by a parent or adult guardian. Fitting required NLT two days prior to trip. Tubing available at the slope for a fee. Alcoholic beverages not permitted.

Land Sailing Program program operates by private bookings only. Must be cleared with flightline one week prior to scheduled event. If you have any questions, call ODR.

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 Outdoor Recreation today!

Paintball Field Now Open!

The paintball field is open by reservation only. If you have any questions, call ODR at 275-2267.

Adult Swim Lessons are Tuesdays and Thursdays starting March 7 from 5:30-6:30 p.m.

10 sessions, ages 15 and older. Focused on people terrified of water and extreme beginners. For more information and prices, call ODR.

Private Parties - Rod and Gun, paintball and other Outdoor Recreation activities and facilities are available for squadron functions and private parties for a nominal fee. In addition to using our facilities, let us plan a recreational trip for you. Interested in going somewhere with colleagues or friends? Let us know the type of activity, number of people, where you want to go and your budget limit. We will work with you!

Rosburg Fitness Center

275-GYM1

Bench Press and Powerlifting Competition is Thursday, March 2. Sign up to compete in the bench press, squat and/or deadlift at the Fitness Center front counter or call 5-4961!

Boxing Training with a Golden Gloves Champion is March 13. Come get trained by Australian and Golden Gloves Champion and Boxmaster Combat Inventor Rai Fazio. Appointments will be available every 20 minutes beginning at 10 a.m. Sign up by yourself or with a partner. This incredible training is FREE! Call or stop by the fitness center front counter to sign up TODAY!

Run with History Half Marathon, 10K & 5K - The new date for the Run with History Half Marathon/10K/5K is Oct. 14. Registration is now available at www.active.com. For more information, please contact the Rosburg Fitness Center.

Equipment Orientation Classes are Tuesdays, 10-11 a.m.; Wednesdays, 4-5 p.m. and Thursdays, 7-8 p.m. Not sure how to use equipment or what it does for you? Stop by the front desk and sign up for this one-hour class. We are here to help you get the most out of your fitness routine.

Rod & Gun

275-CAMP

"Big 50" Thursdays - The "Big 50" is an ATA Registered shoot in which all participants shoot 50 single targets, 50 double targets and 50 tar-

gets from their handicapped position.

Youth Sports

277-8961

Baseball & Softball - Register now-March 3.

Season begins in April. Late fee after March 4. Open to ages 5-15. All baseball teams will be coed. Softball will be girls only. Youth Sports Programs is also looking for highly motivated volunteers to umpire for youth baseball and softball. For more information, call Emil Graves at 277-8961.

Archery Classes are every Tuesday and Thursday, now until March 16 and March 28-April 20. Level 1 Classes: 3:30-5 p.m., at the Main Youth Center. Call or drop by for prices. Youth will learn and develop great archery skills. Classes taught by Rafael Hernandez. Sports physical and shot records required. Sign up now at the Youth Center! Contact Emil Graves at 277-8961 for more information.

Library

275-BOOK

Coffee and Coloring is every Tuesday, 11 a.m.-2 p.m. Enjoy a cup of coffee or tea while coloring designs created for adults! For more information, please call 275-2665.

Children's Story Time is every Wednesday and Friday at 10 a.m. Toddlers and pre-school children are invited to join us for a wonderful story time and create very unique craft projects. Volunteer readers are welcome!

Free Online Services Available:

Zinio: digital magazines

Overdrive: electronic books, downloadable audiobooks and videos

Transparent Language Online: language learning center

Ebsco Host Database: magazine and journal ar-

ticles, reference books and audiobooks

Gale Group Database: National Geographic digital edition, reference books, magazine and journal articles

Universal Class Now Available - Get access to Universal Class today! This program offers over 500 online courses on a wide range of subjects/levels, available 24/7, instructor-led and self-paced. Universal Class courses are informational and designed to enhance student knowledge, increase skills and stimulate interest in a subject. Visit the library for more information.

New Resources in the Children's section -

Playaway View -- the first all-in-one video player of its kind, pre-loaded with multiple videos of the best educational programming -- now available at your main library. Try it out and select subjects such as Math, Exploring Space, U.S. History and more.

New Items every Tuesday - Be the first one to borrow the newest books, DVDs, Blu-Ray, TV series, books on CD and more. Sign up for the Information Awareness Program to receive a weekly email with the complete list of new items.

Aero Club

275-AERO

Flight Training - Private, instrument, commercial, ATP, CFI, CFII, and ATP. Call for aircraft rental prices and instructor fees.

Rentals include Cessna 172s, Cessna 182s, and a Baron for rent. Contact the Aero Club for reservations and costs.

Learn to Fly - The sky is the limit at the Edwards AFB Aero Club. Experience the thrill of piloting an aircraft. Your local Aero Club provides many stages of flight training, from your first introductory flight through solo, then on to private, commercial, and instructor's ratings. The choice is yours. The Aero Club will train you to the highest standard with safety always foremost.

412th Security Forces Squadron issues speeding citations

The 412th Security Forces Squadron issued 14 speeding citations and processed zero driving suspensions from Feb. 13 through Feb. 19.

Citations issued

1 to 10 mph.....1
11 to 15 mph.....5
16 to 20 mph.....7
21 to 24 mph.....1
25+ mph0

Driving privilege suspensions (current)

15 days.....0
30 days.....0
60 days.....1
90 days.....1
180 days (six months).....0
365 days (one year).....11
730 days (two years).....0
1,095 days (three years).....0

Per AFI 31-218 and EAFBI 31-218, a DD Form 1408 Armed Forces traffic tickets (no-fine) are issued to military members. Military members receiving 1408s are subject to Uniform Code of Military Justice action. A U.S. District Court Violation Notice (USDCVN) (a fine) is issued to all civilians, dependents and retirees. If issued a USDCVN, violators may be required to be present at Magistrate Court in Bakersfield, California, receive traffic violation points against their state-issued driver's license and potentially receive suspension of on-base driving privileges.

Love for flying kept last flight engineer flying for decades

By Kenji Thuloweit
412th Test Wing Public Affairs

After a career that has spanned almost four decades, the last Air Force flight engineer for the KC-135 Stratotanker is set to retire at Edwards.

Master Sgt. Robert Self joined the U.S. Marine Corps in November 1978 and will wrap up his military career next month as a full-time Air Force Reservist with the 370th Flight Test Squadron.

With 34-and-a-half years of military time, 26 on active duty, Self has had a diverse set of assignments. He said the love of flying is what has kept him going, but with advances in technology, the role of flight engineer has been decreasing over several aircraft platforms.

"The flight engineer runs the fuel panel, watches the systems and is a technical advisor to all the pilots," said Self. "Maybe 15 years ago they had a flight engineer on the KC-135 and even a navigator. But over the years the technology has improved and the systems in the airplane have gone to computers, so they have taken engineers and navigators out."

He first became interested in aviation in the Marines when he was a helicopter crew chief stationed in Hawaii. After a four-year term, he returned to his birthplace of Rhode Island to complete college. But the urge to fly brought him back to the military. He joined the R.I. Army National Guard where he served as an aero scout observer and helicopter mechanic. He would fly in OH-6 Hughes Cayuse Light Observation Helicopters as a "flying sergeant."

"We would fly really low with the

doors off. We would pop up, radio coordinates to artillery and pop back down. I would have stayed (with that unit). That's beautiful flying. I loved it."

But as Self would see – and what would become a common theme in his career – changes in the military every few years would change his role, too. The unit in Rhode Island was inactivated, so Self went back to Hawaii to continue flying in OH-6s.

"But then special operations took them – took all the OH-6s and painted them black. So, I'm out of a job."

Self said the Army also eliminated the flying-sergeant career field to make way for junior officers to fly in the second seat of OH-6s.

He then became an Air Force Reserve C-5 Galaxy mechanic at Hickam Air Force Base, Hawaii, which had a sister unit at Travis Air Force Base, California, that had C-5 flight engineers. He trained to be a C-5 flight engineer and managed to stay in Hawaii. But after some time, his unit at Travis AFB wanted him to come to California. To remain in Hawaii, he took a part-time Air National Guard position at a unit that had C-130s at Hickam. He became a trained flight engineer in the C-130 Hercules.

"Then that unit went away and got C-17s, and they don't have flight engineers. After that, I started a new life and became a full-time reservist with the Big Crow program at Kirtland Air Force Base, New Mexico, working as a KC-135 flight engineer.

Big Crow is the name of two NKC-135 test-bed aircraft, which are heavi-



Master Sgt. Robert Self, 370th Flight Test Squadron, following his final flight Jan. 18. (U.S. Air Force photo by Christopher Higgins)

ly-modified KC-135s used for electronic warfare testing. These planes were also used as a target simulator for testing the Boeing YAL-1 Airborne Laser.

"Every time I switched aircraft I had to go back to school for training. I went to school for the NKC-135. Then they closed down the Big Crow program, and I had to go back to C-130s at Rhode Island and at Peterson Air Force Base, Colorado," Self said.

While deployed overseas, Self got a message that would ultimately bring him to Edwards in November 2013. Since he was qualified to be a flight engineer in the C-130 and KC-135, he would have a job working on the Speckled Trout program, which used KC-135s.

Read more at www.edwards.af.mil

From Hybrid, page 1

Staff Sgt. Steven Schrader, a logistics test evaluator with the 412th MXLS, said that during the C-17 testing, the crew completed all the tasks before the unit needed a recharge. "Then we threw more at it," he said. "It worked!"

Tech. Sgt. Kevin Mathis, 412th MXLS logistics test evaluator, commented on the robustness of the unit, which goes by the acronym HEF, compared to the legacy diesel systems.

"When you're working with a C-17, and you perform a rapid succession of checks, a diesel generator can't handle the load," he said. "If this happens, you have to shut down and reset the whole system."

Some of the advantages of this system, according to Layne of AFRL, are lower noise and emissions than a conventional diesel generator and less maintenance.

Staff Sgt. Alex Rini, a logistics test evaluator with the 412th MXLS, commented on the decreased noise. "The lack of noise from the diesel generator gives us increased situational aware-

ness," he said. "This means improved safety."

Another benefit of the decreased noise level was evident when Rini and Schrader were able to talk from the ground to the cockpit without the use of the aircraft's communication system during the C-17 test.

Following the physical tests, the team discussed the pros and cons of the system, and talked about the future of the system.

"We're going to take what we've learned, and look at the next step," said R.J. Youngo, LT&E flight chief. "What's the way forward? Pure battery? Hybrid?"

According to Layne, one of the next steps is to reduce the overall size of the HEF to make it more manageable for the maintainers.

"We're going to see if it works, then we're going to shrink it," he said. "The most important thing is the guys using it."

And those guys spoke highly of the HEF.

"It's always impressive when a maintainer says the new product is better than the one he's been using," Rini said.



This Week in Edwards Flight Test History

On Feb. 21, 1953, a variant of the Bell X-1, the Bell X-1A, made its first powered flight, flown by Jean "Skip" Ziegler. (Edwards History Office file photo)



(Courtesy photo)

Come on down!

Staff from the Oasis Community Center took a group of 18 Airmen and civilians to a taping of the popular game show "The Price is Right" Feb. 15. Tune in May 5 to find out who from Edwards AFB was chosen as a contestant!

More trips are on the way. The next event is March 17. Want to visit L.A. but don't want to drive in the traffic? The Oasis staff is chartering a bus to take participants to Universal City Walk on St. Patrick's Day! The staff can even make a reservation for dinner at the Wolfgang Puck Bistro. The trip is 4:30 p.m.-4 a.m. Ages 18 and up only. Sign up at the Oasis Community Center by March 10.

NEW!

FSS TEXT

Check out the list of keywords and text as many as you want to 95577 to receive FSS event info and exclusive deals!

We promise we won't spam you - each keyword will receive an average of one weekly message!

You can also select the lists you're interested and opt in online by clicking the link on <http://edwardsfss.com/>

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EdwardsLife: Weekly overview of FSS events
412Fun: Arts & Crafts, Auto Hobby, Club Muroc, Oasis Community Center, Aero Club, High Desert Lanes, Library and Muroc Lake Golf Course info
412Kids: Youth Programs, Youth Sports, School-Age Programs, Teen Center and family-friendly events
412AmnFam: Airman Family & Readiness Center classes and programs
412Fit: Rosburg Fitness, Oasis Aerobic Center, Outdoor Rec and Aquatic programs
412Travel: Information, Tickets & Travel, Outdoor Rec and Oasis Community Center trips
412Food: Club Muroc, Joshua Tree Dining Facility, Sandbagger Grill, and Strike Zone info
412CDC: Notices for urgent messages and/or closures from 412FSS CDCs
412Edu: Education Center events and Airman & Family Readiness classes
412Save: Single Airman, RecOn and Deployed Affected programming info

SPECIAL NOTICE: Maj. Lee Berra, 32, a B-1 Lancer test pilot with the 419th Flight Test Squadron, was killed Jan. 25 when his single-engine Cirrus SR22 went down Jan. 25. To settle the estate of the deceased, Maj. Gregory Marcus, 419th FLTS, has been appointed as Summary Courts officer. Any persons having a claim for or against the Berra estate should contact Marcus at 661-275-0812 or 310-433-3683. His email is gregory.marcus.2@us.af.mil.

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<http://issuu.com/desertwings/docs/current>



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