



HIGH MACH

Serving the World's Premier Flight Simulation Test Complex



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AEDC's mission-critical Precision Equipment Measurement Laboratory undergoes upgrade

By Philip Lorenz III
ATA Public Affairs

AEDC's Precision Measurement Equipment Laboratory (PMEL), the facility's workforce and an outside contractor are in the midst of a balancing act, conducting a necessary upgrade while ensuring PMEL keeps pace with its mission critical function providing calibration services for test customers.

The upgrade to AEDC's PMEL kicked off late last year. The Air Force hired Alvarez Construction Co., to conduct and oversee the project utilizing multiple subcontractors.

David Claudio, the ATA PMEL facility manager, said a long-standing need to replace the aging heating, ventilation and air conditioning (HVAC) system for the lab has been long overdue. This is despite an aggressive and successful effort to

keep the facility's work areas within strict environmental standards to keep up with customer test-related demands.

"The renovation project was driven because for years the HVAC systems [had been] degrading," he said. "They were degrading to the point where we were afraid that they were going to cause some damage to our working standards, to our equipment we use to calibrate the customer's equipment.

Tony Pennington, AEDC Civil Engineer branch project manager over the PMEL renovation, said even though an HVAC renovation project is a fairly routine process, this one is different.

"Usually HVAC projects are fairly straight forward," he said. "They're not all that easy, but this is probably the most complex one because of the fact that you've got

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AEDC implements new identification system and new base entry procedures

By Raquel March
ATA Public Affairs

AEDC's police recently started using the new Defense Biometric Identification System (DBIDS) to assist employees and visitors in gaining entry to the base.

Base police operating the new DBIDS scan an individual's Common Access Card (CAC) or similar DOD identification card credentials when individuals are entering the base security gates.

A quick overview of the system: "DBIDS reads common access cards and most military identification cards," explained Dan Hawkins, an Arnold police supervisor. "There may be delays of 10-15 seconds the first time a card is scanned at an Arnold AFB gate. Upon the first scan, the identification card is registered locally and subsequent scans should be much faster."

Arnold police expect that eliminating the second ID card check – the local access card that shows that the employee is DOD, ATA, General Physics, or another long time contractor – will save time and accommodate the new DBIDS check.

Hawkins said the system would improve security and be beneficial in detecting a counterfeit ID.

"The quality of counterfeit IDs is getting better and it is much harder to detect them with the naked eye," he said. "When

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Officer Jim Taylor operates the new Defense Biometric Identification System (DBIDS) as ATA employee MaryBeth Barlow enters the AEDC main gate. The DBIDS scans an individual's Common Access Card (CAC) or similar DOD credentials when they enter the base security gates. (Photo by Jacqueline Cowan)



Fellows nominations needed by March 29

By Raquel March
ATA Public Affairs

AEDC is currently accepting nominations for the 2013 Fellows Program with submissions due no later than March 29.

Established in 1989, the Fellows program recognizes AEDC individuals who have made substantial and exceptionally distinguished technical contributions to the nation's aerospace ground testing capability at AEDC.

Since the inception of the program, AEDC has bestowed the complex's highest honor to a total of 75 individuals (Fellows, Craftsmen Fellow, Lifetime Achievement Fellows and Honorary Fellows).

AEDC Fellow nominations may be submitted by any present or former AEDC government or operating contractor/sub-contractor employee. All current or retired military, civilian and operating contractor and subcontractor personnel assigned or previously assigned to AEDC can be considered candidates for selection as an AEDC Fellow. Candidates qualified for consideration as an AEDC Fellow must personally have made sustained, notable and valuable contributions in aerospace ground testing at AEDC.

AEDC Craftsmen Fellow nominations may also be submitted in the same manner as the AEDC Fellow nominations. All current or retired military, civilian and operating contractor/subcontractor personnel assigned, or previously assigned, to AEDC can be considered candidates for selection as an AEDC Craftsmen Fellow. The Craftsmen Fellow category recognizes exceptional craftsmen who possess the ability to identify customer requirements and respond with sustained technical innovations, working effectively and efficiently as part of technical teams and have dedicated their careers to the success of AEDC's mission. They must have personally made notable and valuable lifetime contributions to AEDC in any area relevant to the AEDC mission.

AEDC Lifetime Achievement Fellow nominations may be submitted by any present or former AEDC government or operating contractor/subcontractor employee. AEDC Lifetime Achievement Fellows are reserved for exceptional candidates and are not necessarily selected each year. All current or retired military, civilian and operating contractor/subcontractor personnel assigned or previously assigned to AEDC can be considered candidates for selection as an AEDC Lifetime Achievement Fellow.

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New Arnold web page provides updates on AEDC sequestration impact details

www.arnold.af.mil/sequestration

Arnold Air Force Base
U.S. AIR FORCE

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Sequestration impacts at AEDC

On Mar. 1, 2013, across-the-board reductions to current year spending will take place unless legislation is enacted that avoids such reductions. DoD is one of several government agencies that will experience a significant budget cut. Sequestration cuts require all military services and defense agencies to furlough most DoD civilian employees for an average of one day per week for up to 22 weeks beginning Apr. 25, 2013. Furloughs will harm our ability to do important work, which will harm national security. All services or facilities which employ civilian personnel will be affected to some degree, to include reduced services, longer wait times, and fewer personnel available to provide necessary services. Furloughs, like other spending cuts, will adversely affect economies in the communities where our civilians live and work.

Background

- Passage of the Budget Control Act (BCA) on Aug. 2, 2011, ended the 2011 debt-ceiling crisis which had threatened to result in U.S. sovereign default. The BCA requires DoD to cut more than \$487 billion from the defense base budget over 10 years, beginning in fiscal year (FY) 2013. In addition, the BCA tasked a "Supercommittee" to produce a plan to cut \$1.5 trillion over 10 years by Dec 2011. If this plan did not materialize, Congress could grant a \$1.2 trillion increase in the debt ceiling, but cuts in the amount of \$1.2 trillion (half from defense, half from non-defense over 10 years known as "sequestration") would be triggered on Jan. 2, 2013.
- On Jan. 2, the American Taxpayer Relief Act of 2012 deferred sequestration until Mar. 1, 2013. The defense budget cuts required in March would be roughly \$45 billion under the new law. This equates to about a 9% cut from each account.
- Sequestration was never supposed to be triggered, and was intended by all parties to be a forcing function so that the Supercommittee would reach an agreement.
- Congress has not passed an appropriation for FY 2013. A six-month continuing resolution (CR) keeps DoD funded at the FY12 level through March 27, 2013.

Furlough Timeline

Phase One - Notification

- Feb. 20 (AM) - Congressional notifications made (OSD-LA)
- Feb. 20 (AM) - Union notifications made (ASD R&FM)
- Feb. 20 (AM) - Military services and defense agencies notification made (ASD R&FM)
- Feb. 20 (AM) - Message to the Department from Secretary of Defense Leon E. Panetta on Preparations for Potential Sequestration on March 1 and Furlough Notifications posted to defense.gov as a Blue top (OSD-PA)

Phase Two - Review and Decision

- Mar. 1 - Sequestration is triggered
- Mar. 1 - Furlough exceptions proposed by component heads due to OSD
- Mar. 15 - Approved furlough exceptions communicated to component heads
- Mar. 21-25 - Furlough proposal notices served to employees

Inside Arnold AFB

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Links

- DOD Sequestration Website
- DOD Furlough G&A
- SECDEF Memo
- OPM Guidance for Administrative Furloughs
- Employee Resource Guide
- Tennessee Career Center

Commander's Action Line

The Commander's Action Line is an integral part of the base feedback network. Always use the proper chain of command to address your concerns; if you are not satisfied with the response or you are unable to resolve the problem or concern, call the Action Line at (931) 454-6000. You may also submit an Action Line through the AEDC Intranet boxes at each

AEDC PI

AEDC Public Affairs
100 Kindell Dr
Suite B-213
Arnold AFB, TN
Phone: (931) 454-4200
DSN 340-4200
Contact Form

Leadership at AEDC recently activated a web page which will provide sequestration impact information relating to the complex. The web page may be accessed by going to www.arnold.af.mil/sequestration.

Beginning March 1, across-the-board reductions to current year spending will occur unless legislation is enacted that avoids such reductions. The Department of Defense (DOD) is one of several government agencies that will experience a significant budget cut.

For more information on sequestration impacts at AEDC see the web page above or scan the QR code to the left.

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HIGH MACH

Arnold Engineering Development Complex
An Air Force Materiel Command Test Complex

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For advertising information, call (931) 455-4545.

For general information about High Mach, call (931) 454-5655 or visit www.arnold.af.mil.

The complex's vision: Be the nation's best value ground test and analysis source for aerospace and defense systems.



Core Values

- Integrity first
- Service before self
- Excellence in all we do



Vision

"ATA will be a trusted partner in delivering best value warfighter support and assert stewardship to AEDC"

Core Values

- Be accountable for our own actions
- Ensure the safety of individuals and equipment
- Demonstrate the highest integrity and ethical standards
- Communicate clearly and openly
- Deliver professional and technical excellence
- Nurture, enable and treat people fairly
- Align with customer goals and objectives
 - Use disciplined and innovative processes
- Continually improve in all that we do

AEDC legal office provides legal adoption information

Commentary by Frank Turner
AEDC Staff Judge Advocate Office

Adoption is a major step in the life of everyone involved. Its intended effect is to legally eliminate absolutely and forever all the rights and duties of the biological parents, and transfer those same rights and duties to the adopting parents. Once completed, the law ceases to recognize the biological parents as parents of the adopted child.

Once an adoption is completed, it is intended to be final and irreversible. Note that while some states allow a form of "open" adoption in which the birth parent retains some rights, the general rule is that adoption terminates all birth-parent rights in the child. Traditionally, those who give up their parental rights under adoption have surrendered all their rights and responsibilities toward the child. The adoptive parents become the "real parents" of the child. Legally, the birth parents never existed. In such a case, the birth parents have no right to visitation of the child nor do they have a right to any other involvement in the child's life.

What about unusual circumstances? Typically, parental rights can be terminated involuntarily

only if there is "clear and convincing evidence" that this would be in the best interests of the child. However, parental rights can be terminated voluntarily any time a court approves and finalizes a consent agreement between one or both of the biological parents. Death of biological parents also terminates their parental rights. There are special rules for children born out of wedlock. In such cases, consent of the "putative" or "assumed" biological father is not required unless he has established his paternity by court proceedings, or has acknowledged the child as his and provided substantial support. Usually, children ages 14 and over must consent to their adoption and to any name change. Even adults may be adopted.

Basically, there are two methods of arranging adoptions. The first is private, where the adoptive parents deal directly, or through a private attorney, with the biological parents. Typically, the child has not been born yet. While no adoption agency will be involved, court procedures still apply. A party to the adoption files a petition for adoption with the state court. A social services agency will investigate the adoptive parents' background, and all states require adoptive parents to prepare for the adoption with a social worker. This preparation includes a "home study," consisting of interviews and a home inspection, to determine whether they are "fit." Generally, the prospective adoptive parents will be required to pay the birth mother's medical, legal and other associated expenses while the social services agency conducts its investigation and before the adoption process actually begins. However, the adoptive parents have no guarantee that the birth mother will consent to adoption, since this consent cannot be given until the child is born. It is illegal for anyone to pay money for a child, but some states permit a small



Turner

See ADOPTION, page 4

African-American leaders thrive through education

Commentary by Martha Lockwood
Air Force News Service

FORT GEORGE G. MEADE, Md. (AFNS) – It's difficult to know when or how inspiration will strike, or who provides the personification that in our mind's eye, we become. For some, it is a favorite teacher or an historical figure. For others, it is a parent. And for others, it may be a fictional character who helps us see how things might be. There is one constant in each example, however: education. Nobody achieves through dumb luck, but through education and application.

Della Rainey probably didn't realize she was embarking on a career as a role model when she set out to attend the school of nursing at Lincoln Hospital in Durham, N.C. Endowed by the Duke family and accredited by the American Medical Association, Lincoln Hospital was one of the first African-American teaching hospitals. Rainey, who graduated in the 1930s, was the first African-American nurse to enter the Army Nurse Corps at Fort Bragg, N.C., getting promoted to chief nurse in 1942, and serving at Tuskegee Army Airfield, Ala., as a lieutenant. Rainey would ultimately be promoted to major, retiring in 1978. Her legacy of learning lives in the Della H. Rainey Nursing Scholarship, established by the Tuskegee Airmen Scholarship Foundation and the National Black Nurses Association.

Retired Chief Master Sgt. Thomas N. Barnes is the first and only African-American to serve as Chief Master Sgt. of the Air Force, the highest enlisted position within the Air Force. Barnes entered the Air Force in 1949, as a high school graduate. Throughout his 28-year career, Barnes made the most of every educational opportunity while serving his country in the continental United States, Hawaii, Japan and Southeast Asia. He is a graduate of the Senior NCO Academy pilot class of 1973. He served as CMSAF for an unprecedented four years, working for equal opportunities for minorities, including blacks and women, and also worked to strengthen the enlisted professional military education system. He once said that he wanted to be remembered "as a role model for people who believe they can't get there."

For a select few, Air Force and education are synonymous. Maj. Gen. Alfred K. Flowers, the longest serving Airman at nearly 47 years, entered the Air Force right after high school in 1965. During the course of the next 10 years, he would serve his country in North Dakota, Vietnam, the Philippines, Texas, South Carolina and Greece while earning a bachelor's degree. A year later, in 1976, he had earned a master's degree. He was promoted to master sergeant and was approved to attend Officer Training School. In 1978, he was commissioned a second lieutenant in the financial management career field. More education and promotions followed as Flowers served at the Pentagon three times, with intermittent stints at the Air Combat Command in Langley, Va., and the Industrial College of the Armed Forces at Fort McNair, Washington. When he retired, his "blueprint for success" was heralded as "a strong work ethic coupled with an earnest desire for self-improvement and a genuine concern for others while maintaining a positive attitude...."

Retired Maj. Gen. Marcelite Harris, the first African-American female general, broke gender and racial barriers throughout her career as she excelled in her educational pursuits. Commissioned as a second lieutenant after attending Officer

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Act like a Superhero



BE A SUPER HERO
Seven things you need to know

(U.S. Air Force graphic/Robin Meredith/photo by Staff Sgt. Russ Scalf)

By Chief Master Sgt. Brian Bischoff
Air Force Reserve Command

LITTLE ROCK AIR FORCE BASE, Ark. (AFNS) – I was recently picking up a few items at a local retail chain at lunchtime; everywhere I walked, someone wanted to shake my hand or say, "Thank you for your service." It made me proud to be wearing the uniform of the U.S. Air Force.

While waiting in the checkout lane, I noticed a little boy shopping with his mom was staring at me from his perch in the cart. I smiled and said "Hello," but he just kept staring.

His mom apologized and explained he was crazy about people in uniform, and his hero was Captain America. She said he watches the movie over and over and puts on a little uniform to defend the house.

"I think that's a good hero to have," I said. As I answered, it got me thinking we need to act more like superheroes.

OK, stick with me here. That doesn't mean that we should put on capes and masks and climb to the top of the roof to see what dastardly deeds need to be thwarted. Your spouse would most likely tell you to "Get down before you hurt yourself," and "Take off that getup before the neighbors see you."

What it does mean is we need to be worthy of kids' admiration – like a superhero. So, here are a few things about superheroes we need to know:

1. Superheroes never believe their own write-up. They are humble (except when fighting

a bad guy) and neither flashy nor boastful. They save the day and retreat to their secret lair (office or flightline in our case).

2. Superheroes help people. Whether it's a neighbor needing help painting a fence, or the lady in the grocery store that can't quite reach that box of cereal, we need to lend a hand.
3. Superheroes are respectful towards the public. They use manners, say "Yes sir," or "Yes ma'am," and open doors for people at restaurants.
4. Superheroes live lives kids can look up to. They don't lie, cheat or misuse government credit cards. They set

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Action Line

Team AEDC

I believe in free and open communications with our Team AEDC employees, and that's why we have the Action Line available. People can use the Action Line to clear up rumors, ask questions, suggest ideas on improvements, enter complaints or get other issues off their chests. They can access the Action Line in one of three ways: via the AEDC intranet home page, Action Line boxes at the base cafeterias and by calling 454-6000.

Although the Action Line is always available, the best and fastest way to get things resolved is by using your chain of command or by contacting the organization directly involved. I encourage everyone to go that route first, then if the situation isn't made right, give us a chance.

Col. Raymond Toth
AEDC Commander

Smoking Policy

1. The following revised AEDC smoking policy is effective immediately. Smoking is permitted solely in designated areas identified by a plastic "smoke genie." This receptacle is for the sole purpose of cigarette butt disposal. If there is no receptacle, you cannot smoke in that area. It is the responsibility of all smokers to clean up the area surrounding the receptacles for any cigarette butts on the ground. Smoking in government-owned vehicles is strictly prohibited. Personnel are allowed to smoke in their personal vehicles at any time. In case of inclement or cold weather, employees are encouraged to use their personal vehicles if a sheltered designated smoking area is not available nearby. Smoking areas will be held to the absolute minimum and will be located in low traffic, low visibility areas away from points of building ingress/egress and air intakes. A map of all authorized smoking areas is available on the AEDC web portal at https://es.eis.afmc.af.mil/sites/cio/IM/Pubs/AEDC/Pubs%20and%20Forms/AEDC%20Publications/Smoking_area_map.pdf. Smoking near a facility in an area not designated on the map is prohibited and any smoking receptacles located in areas not shown on the map will be removed. All "smoking permitted" and "no smoking" signs will be removed unless specifically required by OSHA.

The fact a person smokes has no bearing on the number of breaks they may take. Breaks should be taken in accordance with the company/agency personnel policies that apply to all employees.

Regarding use of smokeless tobacco, containers of tobacco waste product, including sealed containers, must not be left unattended or disposed of in trash receptacles. Users of smokeless tobacco must flush tobacco waste down the toilet. Smokeless is strictly prohibited in conference room meetings and other areas, e.g. PMEL, where Air Force regulations specifically prohibit.

Due to the nature, appearance, and safety concerns of electronic cigarettes (also known as "e-cigs"), they are considered to be in the same category of tobacco products whose use is governed by Air Force Instruction (AFI) 40-102, Tobacco Use in the Air Force. Therefore, all rules stated above for tobacco products apply to electronic cigarettes.

2. Supervisors at every level will ensure this policy is followed. Disciplinary action is appropriate for repeated violations.
3. Updates to this policy will be made in the future to further align with Air Force guidelines.
4. This letter supersedes previous letter dated 28 October 2006, subject as above.

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to move people around within the building, you've got to keep operations going and you've got to keep the conditions in the laboratory [at a high level of] quality due to the kind of work that's being done there."

Vince Chapman, the back shop lead in AEDC's Integration and Support Branch, emphasized the importance of PMEL to the complex's mission.

"The PMEL plays a pivotal role at AEDC, ensuring the quality of the measurement data we provide our customer is accurate and reliable," he said. "The PMEL provides a measurement link [traceable back] to the National Institute of Standards and Technology (NIST).

Chapman acknowledged that the ongoing renovation has presented a challenge for the personnel at the PMEL.

"They must continue certifying test, measurement and diagnostic equipment while having to work around the renovation as it progresses through various stages," he said. "There's no getting around the fact a renovation of this mag-

nitude is intrusive to the operation. However, the PMEL has continued providing excellent support through it all.

"Tony Pennington has been critical to the success with the ongoing renovation project, while at the same time, ensuring we can continue to keep up the customer's metrology requirements."

Chapman continued, "His [Pennington's] proactive approach and willingness to make necessary adjustments along the way has minimized the impact at PMEL. As a result, the PMEL's support to AEDC's mission has gone uninterrupted.

"The PMEL has very stringent metrology requirements. They are necessary to ensure the calibrations are traceable through an unbroken chain of measurements through the Air Force Primary Laboratory to NIST. This traceability ensures national, and in many cases international, uniformity of measurements. At AEDC, the end result is assuring the quality of the test data we provide to the customer remains beyond reproach."



From left, Robert Flanders, with subcontractor Tri-State Sprinkler Corp., works to install a sprinkler system while David Benson and son David with subcontractor Billy Thomas Plumbing and Electric Service, install chilled water piping for HVAC units during the renovation of the Precision Measurement Equipment Laboratory at AEDC. (Photo by Jacqueline Cowan)

Air Force libraries bridge the digital divide

By Gloria Kwizera

Air Force Personnel Center Public Affairs

JOINT BASE SAN ANTONIO-RANDOLPH, Texas (AFNS)—Need assistance setting up a budget, learning a new language or doing your homework? Look no further than your online Air Force library, where Air Force library staff work to meet customers' needs in an evolving digital world.

Worldwide, Air Force libraries offer online learning resources, digital magazines, music, movies and much more for Total Force Airmen, civilians, retirees and family members.

A host of popular programs are available, including Zinio Digital Magazines, MyiLibrary eBooks, Safari Books Online, OneClickdigital, OverDrive, CultureGrams, MorningStar, Peterson's Education Resource Center, Transparent Language Online, Universal Class and more.

Zinio Digital Magazines has more than 650 popular news and special interest digital magazines online, or you can download them to your personal computer, app-enabled tablet or smartphone. To set up an account, please visit your local base library. Or visit the base library website, click on the Zinio link and use code "AFLIB." Then follow directions to set up your Zinio account. You will need a personal email account to register for your Air Force Zinio account.

Not interested in magazines, the libraries also offer MyiLibrary

eBooks, OneClickdigital and OverDrive. MyiLibrary eBooks offer a range of eBooks from educational materials to the "For Dummies" series. If you're constantly on the go and don't have time to read that latest novel, check out OneClickDigital, which enables users to listen to and transfer audio books to their portable devices. If you do have time to relax with a book, OverDrive is for you. It features nearly 10,000 electronic books, audio books, videos and music available for checkout to eligible customers.

In addition, the Air Force libraries offer opportunities for self-improvement and personal development through the Universal Class program. Any authorized Air Force library customer is eligible to register for more than 540 online classes in 30 different subject areas. To enroll, contact or visit your local library for the access code to create an account.

"If you take a Universal Program language class, like French, and later want to improve your grammar and pronunciation, the Transparent Language Online program may be your next step," said Margie Buchanan, Libraries Branch Chief.

In addition to grammar and pronunciation, the program includes speech, writing and vocabulary-building lessons for more than 80 foreign languages including English as a second

language. Users must register in person at an Air Force library, joint base library or a downrange learning resource center, but then will be able to use the program anywhere, anytime.

For 24/7 online homework and tutoring assistance, Buchanan suggests you visit Tutor.com. The program is available to dependent children of Active Duty Air Force personnel, deployed Reserve and Air National Guard personnel and Air Force Wounded Warriors. Inactive and part-time Air Force Reserve and Air National Guard personnel and their dependents are also eligible for the program. To set up an account, visit <http://www.tutor.com/military>.

If you're doing a project on an unfamiliar country, you'll find everything you need on CultureGrams, which carries detailed cultural information on more than 200 countries.

Business and technology professionals can take advantage of Safari Books, an e-reference resource that offers more than 13,000 titles.

To register and access the online programs, go to the AF Portal and click on the word "Library" on the navigation bar, or visit your local AF library or joint base library.

For more information about Air Force libraries and other quality of life programs, go to www.usafservices.com or www.myairforcelife.com. For information about other personnel issues, go to <https://mypers.af.mil>.

DBIDS from page 1

the ID is scanned, DBIDS will proof it, match it against the database and provide the operator with a photo of the authorized person. It will let the gate officer know if the person is allowed to enter, whether the person is restricted to a particular gate, time of day or force protection condition (FPCON) and provide any other security-related details needed to ensure protection of the base and personnel."

AEDC personnel will only need to present their CAC card for base entry but will continue to use their AEDC circulation control badge in the mission area.

What non-employee patrons of Arnold AFB services can expect:

With the start of the DBIDS entry, identification use and other base entry procedures will change.

The black service function badge, used by military dependents and retirees, was discontinued Feb. 13. These individu-

als will no longer use the black service function badge for base entry to access service function areas including the commissary, base exchange, VA clinic, Ascend Federal Credit Union, jogging trail, running track and the military assistance offices in the Administration and Engineering (A&E) building 100. Arnold police will allow these patrons access to the service function areas through the main gate and gate two without presenting the obsolete service function badge.

"These persons will not have an AEDC circulation-control badge so they should not be in our work centers or other areas of the base," Hawkins said.

There will also be changes to the base escort policy that applies to people entering the base who may have guests or people in their vehicles who do not possess DBIDS or other forms of DOD identification to include active duty or retired military. These people will no longer be allowed to be "vouched-on" by

the DBIDS recognized patron. The guests or visitors will need to report to the visitor control center at the main gate to be screened and provided a temporary pass. These individuals must remain with the DBIDS recognized patron while at the service function areas mentioned above. If proper verification cannot be accomplished, then those guests or visitors will not be allowed on base.

"We regret this inconvenience but Arnold Air Force Base does not have the latitude to ignore this DOD mandate," said Pat Eagan, ATA mission support director. "We ask our employees and service function patrons to be patient during this entry control change and to help us by having the proper identification information available as you approach the Arnold AFB gates.

"We also suggest you plan extra time for the initial phase of the entry control procedures to allow for appointment times and employee duty hours."

Nellis AFB prepares for F-35 arrival

By Senior Airman Jack Sanders

99th Air Base Wing Public Affairs

NELLIS AIR FORCE BASE, Nev. — The 57th Wing is preparing for the arrival of four F-35 Lightning IIs Feb. 28.

Arrival of the F-35s to Nellis Air Force Base, Nev., will mark the first time in the aircraft's history operational tests will be performed on the aircraft.

"It's the largest [Department of Defense] acquisition project in history," said Lt. Col. Kevin Wilson, 53rd Wing chief of joint strike fighter integration. "The Air Force's piece of that is the F-35 A model. It's the conventional takeoff and landing model often referred to as the CTOL model. That is what we'll be getting here at Nellis very shortly."

Once on station, the F-35s will initially be used for operational test purposes. Their primary use will be for developmental test support, force development evaluation and supporting operational test aircraft at Edwards AFB, Calif., in support of the initial operational test and evaluation program.

"I think everyone is ready to get the jets here and to get them flying in an operational test mode," Wilson said. "Nowhere else in the DOD F-35 program, the Marine Corps, the Navy, or the Air Force, is anyone doing any kind of operational test yet. It's all on the developmental test side, which is, 'hey how does this stuff actually work' instead of 'How are we going to actually use this?' This is the first chance for us to use that."

Nellis is initially scheduled to receive four F-35A models.

"They'll be joined by a couple more in a couple of years and eventually there will be 12 operational test F-35s here and 24

F-35s for the [U.S. Air Force] Weapons School," Wilson said.

A majority of the F-35As developmental test objectives will be accomplished at Edwards AFB.

"The major part of what Nellis' F-35 operational test jets are going to do is what's called force development evaluation."

Force development evaluation is the continuous process of evaluating how a standard issued F-35 will be utilized to best execute the mission.

"That's the biggest piece of force development evaluation is the tactics development part," Wilson said.

The 422nd Test and Evaluation Squadron will design the tactics the F-35 is going to use in air-to-air and air-to surface combat. The squadron will also determine how to integrate the F-35 with other aircraft in the Air Force inventory.

Nellis does operational testing over Nevada Test and Training Range (NTTR).

The NTTR provides a flexible, realistic and multidimensional battle-space to conduct testing, training and tactics development in the support of U.S. national interests. The pilots aren't limited to how fast they can fly, how low they can fly, and they face a lot of simulated threats on the NTTR providing them with a realistic training environment, Wilson said.

"That is what the operational test world needs to come as close as possible to the perfect environment as far as developing those tactics," Wilson said.

"The environment and the people involved are sure to make the F-35s time at Nellis a successful one", Wilson said.



The F-35 Lightning II is scheduled to begin arriving at Nellis Air Force Base, Nev., Feb. 28. The F-35 will be used for developmental test support, force development evaluation and supporting operational test aircraft at Edwards Air Force Base, Calif. (Photo courtesy of Lockheed Martin)

Do your part – Please recycle this paper after reading!

ADOPTION *from page 2*

amount to be paid, under court supervision, to assist the birth mother with living expenses. Unless the court permits otherwise, this amount is capped at \$3,500.

The second method of adoption is through an agency. The adoption agency will have its own suitability standards – which may include limitations on age, religious affiliation, income or marital status – in addition to those imposed by court procedures. Typically, the child has been born and may be housed in a foster home or with the agency. The child may be allowed in the adoptive home on a trial basis while court procedures are pending. Of course, there are fees associated with agencies in return for their help in finding a child and handling the legal work.

What if I want to adopt my step-child? Generally, parents will want to work through a private attorney for these types of adoptions. Once the adoption is complete, the parental

rights and support obligations of the non-custodial biological parent terminate forever. Upon adoption, the adopting parent becomes a legal parent of record. Once completed, an adoption generally cannot be undone. Adoption is a permanent legal responsibility to a child. An adoption of a stepchild does not terminate based on divorce of the parents. An adopting parent is responsible for the welfare of the adopted child just as a biological parent. Thus, child support could be due to an adopted child if the adopting parent and the biological parent end their relationship.

Federal law authorizes reimbursement of military members for certain expenses associated with adoption to a maximum of \$2,000 per child and not to exceed \$5,000 per calendar year. In order to qualify for the reimbursement, service members must be serving on continuous active duty for at least 180 days and the adoption must be finalized while on active duty. In

addition, the claim must be submitted to DFAS while on active duty and within one year of the date that the adoption was finalized. Complete policy and procedures can be found in DOD Instruction 1341.9 and DOD 7000.14-R, Volume 7A, Appendix A.

Most states also have a program for reimbursement of some adoption related expenses. Tennessee allows for the reimbursement of some adoption related expenses of special needs children or children who are at high risk of developing significant medical, psychological, emotional and/or behavioral issues due to their past history.

If you need additional information on adoption or other various legal assistance topics, the following website might be helpful, <https://aflegalassistance.law.af.mil>. As always, the legal office is available to assist should you need legal assistance. Please contact us at 454-7814 should you need an appointment with a legal assistance attorney.

Maintenance Airmen cut time with technology

By Tech. Sgt. Kristine Dreyer

353rd Special Operations Group Public Affairs

KADENA AIR BASE, Japan (AFPJ) – A group of Airmen here are part of a unique shop created to help identify maintenance issues in MC-130 aircraft faster.

The 353rd Special Operations Maintenance Squadron (SOMXS) wire analysis shop is a test bed for automatic wire test sets (AWTS). Air Force Special Operations Command (AFSOC) officials initiated the AWTS program about four years ago in order to provide special operation maintainers a program to help pinpoint maintenance issues with MC-130s in significantly less time. Each test program set is built to specifically identify wire malfunctions on the aircraft.

"Typically, it can take a maintainer about one minute to test two or three wires by hand with a multimeter," said Tech. Sgt. Don McKenzie, a member of the wire analysis shop. "This system can test more than 3,000 wires in just one minute. This means what

may take one maintainer days to identify, this system can catch something in less than a 10-minute period."

Each program is written locally to identify specific maintenance issues. McKenzie along with Staff Sgt. Robert Walker are the second generation of Airmen assigned to the wire analysis shop. Between them and the three NCOs before them, they have written five different test program sets used to help maintainers identify issues with the engine, anti-skid systems, radar systems, missile warning systems and fuel quantity systems.

"AFSOC decides which program we need to build based on the number of maintenance issues we may have with a system AFSOC wide," McKenzie said. "We write the program here and get it approved for local use before sending it on to the Depot in Warner Robins who helps distribute the program DOD wide."

Last summer, McKenzie

was working as an expediter during the Foal Eagle exercise in Korea when he witnessed the value of AWTS first-hand.

"We had an MC-130 down for radar issues," McKenzie said. "We were working 12 hour shifts, 24/7, and still couldn't fix the issue. Finally we called the wire analysis team out and within one hour they told us that there was a broken ground wire. Once the issue was identified the hard part was over for us."

One of the goals of the wire analysis shop is to train their fellow 353rd SOMXS maintainers in the next few years to use the AWTS system so they will be able to simply check out the AWTS from the tool room as need.

By increasing the use of AWTS, the wire analysis shops expects to decrease the amount of aircraft down time by not only shortening the time it takes to trouble shoot hundreds of wires found on an aircraft, but also help their fellow maintainers proactively identify out of tolerance wiring even if the aircraft system still works.

FELLOWS *from page 1*

ment Fellow. Candidates qualified for consideration as an AEDC Lifetime Achievement Fellow must personally have made notable and valuable lifetime contributions to AEDC in any area relevant to the AEDC mission.

Only AEDC Fellows may submit a nomination for an AEDC Honorary Fellow. AEDC Honorary Fellows are reserved for exceptional candidates

and are not necessarily selected each year. Candidates qualified for consideration as an AEDC Honorary Fellow must have made sustained, notable, valuable and significant contributions to AEDC. These eminent individuals need not have worked at Arnold AFB.

Newly selected AEDC Fellows are honored annually on or about June 25, the birthday of General of

the Air Force Gen. Henry "Hap" Arnold.

For more information including the format for AEDC Fellows nomination submissions, contact AEDC Chief Technologist Edward Kraft or Debbie Williams at (931) 454-6505. Nominations must be submitted in written form with supporting materials to: AEDC/CZ, 100 Kindel Drive, Suite A327, Arnold AFB, TN 37389-1327.



AS AN AIR FORCE CIVILIAN, WHERE CAN I FIND HELP?

We all face challenges, but we don't have to face them alone.

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Health & wellness planning	AFMC Wellness Support Center	www.afmcwellness.com
Health screenings & education	Civilian Health Promotion Services	(931) 454-6440
Work, personal or family issues	Employee Assistance Program	(800) 222-0364
Mental health & substance abuse	Centerstone	(931) 461-1300
Unplanned pregnancy	Crisis Pregnancy Assistance Center	(931) 728-6440
Suicide prevention	National Suicide Prevention Lifeline	(800) 273-8255
Sexual assault & victim advocacy	Sexual Assault Response Coordinator	(931) 581-7494
Crime victim advocacy	Victim Witness Assistance Program	(931) 454-4657

AF Academy Cadets work to decrease bird strikes

By Ray Bowden

Air Force Academy Public Affairs

U.S. AIR FORCE ACADEMY, Colo. (AFNS) – A group of U.S. Air Force Academy cadets is working to put a dent in bird strikes that are directly linked to the deaths of 250 people in 25 years and the cause of more than \$700 million in damage to military-owned aircraft annually.

“The impetus behind this capstone course is the devastating cost of damage to aircraft from bird strikes,” said Cadet 1st Class Dan Gieck, who is majoring in systems engineering management.

Specifically, the group of nine cadets is testing to see if aircraft noise, Canada geese distress calls and flashing landing lights will scare away a type of wild goose that can weigh as much as 18 pounds, effectively turning into a feathery cannonball when struck by an aircraft. The working name of the cadet’s system is the “Airborne Bird Strike Countermeasure.”

“A bird strike is when an aircraft and any type of avian species collide,” said Capt. Jeffrey Newcamp, the capstone director. “It can cause aircraft structural damage; you

can have a bird ingested into an engine; or it can be just a glancing blow. Bird strikes can end in an incident in which case you can land your aircraft, or in an accident in which case there could be major damage or loss of life.”

In particular, Canada geese pose a huge problem for pilots. Anyone questioning this need only recall the story of Academy graduate and now-retired U.S. Airways Capt. Chesley “Sully” Sullenberger, III., Newcamp said.

Sullenberger was piloting an Airbus 320 passenger jet from New York’s LaGuardia Airport Jan. 15, 2009, when his plane struck a large flock of Canada geese shortly after takeoff.

“He hit a flock of Canada geese and the bird strike dropped both engines off line,” Newcamp said.

Sullenberger landed his Airbus in the Hudson River after realizing it would be impossible to land at another airport and saved the lives of all passengers aboard.

The Sullenberger saga serves as the cadets’ case study and the inspiration for the project, Newcamp said.



Col. Bill Thornton takes a look at the damage a bird did to the F-16 Fighting Falcon he flew. Wildlife biologists with the U.S. Department of Agriculture Wildlife Services are tasked with implementing the Bird and Wildlife Aircraft Strike Hazard program. Colonel Thornton is currently the 412th Test Wing commander at Edwards Air Force Base, Calif. (U.S. Air Force courtesy photo)

The test is part of a two-semester capstone design course scheduled to run through April, sponsored by the Massachusetts Institute of Technology Lincoln Laboratory. The testing will take place in two locations on the Academy and in Monument, Colo.

“We hypothesize that

the combination of the flashing light and distress call will cause the geese to alter their flight path, thus preventing bird strikes,” he said.

Using the results from the testing, the cadets’ system may be implemented on an aircraft in the future to decrease the number of bird strike-

related accidents, Gieck said.

“We finish testing at the end of this semester, publish a report and take the report to the Bird Strike Committee USA annual conference in Milwaukee in August,” Newcamp said.

The cadets hope to partner with the Federal

Aviation Administration in 2014, when they plan to fix their system to a light aircraft for further testing.

“They know how many of their classmates have gone off to pilot training,” Newcamp said. “They are working on a project that directly impacts the safety of themselves and the people they know.”

HERO from page 2

examples for others to follow, and they do the right thing even when no one is looking (sounds like “integrity” to me).

- Superheroes are always there. They always have their friends’ backs no matter what else is going on, even in the dark of night (sounds like “service before self”).
- Superheroes are in shape. Have you ever seen a chubby superhero? The bad guys would kick his butt! The public wouldn’t have much confidence in an out-of-shape superhero, would they?
- Superheroes always do their best. You’ll never see a superhero slacking, or saving only enough people to make it look good. They give it their all every time, and people take notice (sounds like “excellence in all we do”).

If you have ever seen the movie “Hancock,” you have seen what a superhero is not. The protagonist, at first, is all about himself -- he’s a drunk with a bad attitude, thinking he is above the law. The public has no faith in him, and

he quickly loses faith in himself.

With the help of people who care about him, he becomes the superhero that, deep down, he knew he was capable of becoming. Maybe you know someone who, with a little help and direction, can live up to their potential (sounds like “leadership” to me). Sometimes he or she is the person in the mirror. Realizing it, facing it, accepting it and working on it are often the most heroic actions of all.

The point is that when you’re off base and in uniform you are easily recognized as a member of the U.S. Air Force. Kids look at your uniform and are in awe; parents look at you and hope that their son or daughter will follow in your footsteps, and seniors thank you and appreciate that you’re continuing to carry the torch to keep our country safe.

We should all act as though we’re in uniform even when we’re not and display the same hero-like qualities we’re capable of, no matter what we’re wearing. Let’s all act like superheroes and truly earn the respect and admiration we’re given every day. Think about it.

Cannon’s latest moving target technology

By Airman 1st Class Ericka Engblom

27th Special Operations Wing Public Affairs

CANNON AIR FORCE BASE, N.M. (AFNS) – Explosions shook the air as the white truck, almost invisible through the dust and smoke, weaved its way across a training range towing a target being shot at by 40mm rounds from aircraft patrolling the sky.

Special operations Airmen from here tested the remote-controlled truck, the latest in unmanned vehicle technology, at Melrose Air Force Range, N.M., Feb. 4.

The newly-acquired \$180,000 truck is guided by a Global Positioning System. Airmen from the 27th Special Operations Wing (SOW) are using the truck to train aerial and ground crews in combat operations.

“This moving target will provide a much more realistic training environment for our (Airmen),” said Col. Buck Elton, 27th SOW commander. “It is the first of its kind to be used in Air Force Special Operations Command.”

The GPS controlled Ford F-250, is able to start, stop, drive in various patterns

and tow a target without a human presence in the cab.

This capability not only allows aircrews to practice shooting at a moving target, but will also be used by ground crews to simulate multiple aggressive hostile situations.

“The truck can be used to aggress an area and provide a persistent threat up to a point,” said Maj. Ian Frady, 27th Special Operations Air Operations Squadron deputy range manager. “However, 98 percent of what it will be used for is aerial moving target practice.”

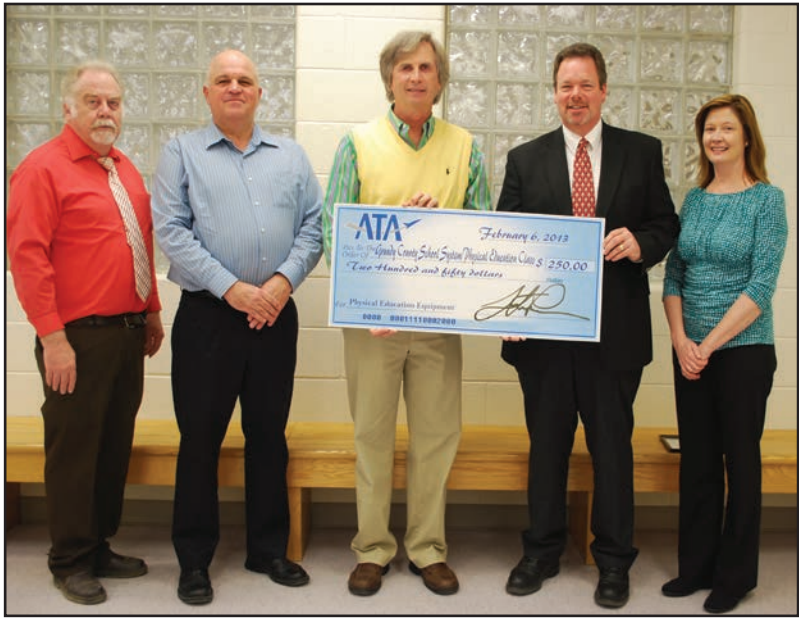
Though in its initial testing phase, members who control the range training program are optimistic about the training potential the truck will provide in the future.

“This is an unparalleled tool,” Frady said. “We cannot wait to bring teams from other wings in AFSOC out to Cannon so they can train with the vehicle. It opens up a new and unique training opportunity for us. We really cannot express how excited we are about this.”



A target being towed by an unmanned vehicle is damaged by a 40mm shell at Melrose Air Force Range, N.M., Feb. 4. The unmanned vehicle is a new piece of equipment recently acquired by Cannon Air Force Base, N.M. Its remote-control capabilities allow the squadrons to practice shooting at a moving target without putting any human life in danger. (U.S. Air Force photo/Airman 1st Class Ericka Engblom)

Grundy schools receives ATA donation



ATA recently donated \$250 to Grundy County's Coordinated School Health Program (GCC-SHP). The money will be used for physical education purchases – stability balls, jump ropes, games, basketballs, soccer balls, etc. ATA has donated to the program for the last several years. Pictured (left to right): Grundy County High School Principal Rick Rust; Air Engineering Metal Trades Council President Jimmy D. Nance, CSH Lloyd Carden, ATA Test Support Manager Walt Bishop and ATA Public Affairs Manager Kathy Gattis. (Photos by Grundy County High School student Ashton Scissom)

Mentoring tomorrow's STEM professionals more important than ever

By Debbie Aragon
AF Civil Engineer Center Public Affairs

JOINT BASE SAN ANTONIO-LACKLAND, Texas (AFNS) – For many years, various organizations and reports have sounded the alarm when it comes to the United States and its educational standing among other nations in the areas of science, technology, engineering and math, known as STEM.

As each year passes, it seems American students fall lower and lower on the scale.

Current data from the Organization for Economic Cooperation and Development has the U.S. listed 25th among nations in the area of math and 31st in the area of science.

This concerns the Air Force, and U.S. government as a whole, so much that various organizations have been set up to help increase the nation's education level in STEM. These include the National Science Board, the Air Force STEM Outreach Coordination Office and the President's Council of Advisors on Science and Technology.

According to the Air Force STEM office website, every job of the future will require a basic understanding of math and science. It also notes that innovations

transform nations, creating new industries and occupations, and that advances in technology will have a meaningful impact on the lives of every American.

Because of the nature of its work, the Air Force Civil Engineer Center here has a large number of Airmen – military, civilian and contractor – with advanced education in the STEM disciplines.

"We as a workforce of engineers, scientists and other professionals can't idly sit by and expect that our nation will produce enough STEM professionals to take over for us; we can't be complacent," said Joe Sciabica, the AFCEC director. "We need to mentor and encourage the next generation, where we can."

The AFCEC director is just one of many who see the importance of mentoring tomorrow's science and engineering experts by doing what they can to increase the curiosity and enthusiasm of today's youth.

"In my readings, engineering graduates are a dying breed particularly in the United States," said Dennis Guadarrama, the AFCEC Installations Center of Ex-

See **STEM**, page 10



Airman, executive mobility take flight

PETERSON AIR FORCE BASE, Colo. (AFNS) – The Air Force Space Command (AFSPC) commander announced implementation steps in the Air Force's efforts to heighten the Air Force's mobile operational potential of its Airmen and the real-time functionality of its executives. The first stage of distribution of mobile devices is focused on delivering approximately 10,000 devices.

"We are providing tools to enhance operational capabilities for our Airmen," Gen. William L. Shelton said, the Air Force Space Command commander. "Harnessing the right technology from both the public and private sectors plays an important role in these efforts."

As a part of its plans to improve mobile communications, all Air Force major commands were notified last month of an initial operational capability rollout that includes mobile solutions for smart phone and tablet users. The program represents an element of an integrated and collaborative effort across the Air Force and the Department of Defense.

"Our approach allows personnel to use the Apple operating system and Android tools to access email, calendar, contacts, documents and certain applications in accordance with DOD guidelines for mobile device security," Brig. Gen. Kevin B. Wooton said, the AFSPC Communications and Information director.

Official data is encrypted and kept within a secure container at all times, while the device can be used for Air Force approved personal applications outside of the container (e.g. Facebook and Twitter, in accordance with the DOD's social media policies). This approach maintains the separation of

an Airman's personal and official data.

"The objectives are centered on added productivity and capability, all within a properly balanced security approach," Wooton said. "The mobile device and application solutions allow us to tap into the fast-moving stream of technology development in the commercial market, but with the security and functionality needed for Air Force users."

By implementing a security management platform, the Air Force can safeguard against lost, stolen or damaged phones and tablets. The Air Force can also track devices or wipe data remotely from the device at the application level, quickly and comprehensively.

"Balancing the challenges of connectivity, security and device management are a key part of ensuring our Airmen are equipped for today's Air Force operations," Maj. Gen. Suzanne Vautrinot said, the 24th Air Force commander. "From e-tools to special operations to the electronic flight bag, our objective is to equip our executives and Airmen with the tools they need to succeed. We're aiming for increasing productivity and effectiveness through a secure information technology infrastructure. Working with our partners across government and within industry and academia will help us move up the technological power curve; our mobile approach enables us to do that in a smart, efficient, secure manner."

The rollout of these tools is a coordinated effort leveraging existing pilot programs throughout the federal government including those being conducted by the DOD, Defense Information Systems Agency and the National Security Agency.

In the "Live Fire"



Members from the Laughlin Air Force Base and Del Rio Fire departments move in to extinguish a ground fire during a live fire exercise Feb. 11 at Laughlin AFB, Texas. The exercise was designed to help Del Rio firefighters maintain their currencies while training alongside Laughlin AFB's firefighters. (U.S. Air Force photo/2nd Lt. Evan M. Ross)

Aerodynamics Word Search

DIRECTIONS: Locate and circle the words from the list below. Words may appear horizontal, vertical, diagonal or even backwards.

S L M T N O I T A N G A T S V G D S F C A
 Q T H R U S T F W N C Y J L O P N Y A E I
 H R R L K B Z O L I O F R I A S D I M J L
 I A N E W I N D T U N N E L A Q R E W P E
 V J A U A X O A Q C M P F U Y S X Z Q C R
 S E P F J M T L Y D P W Y B P W V S T A O
 C C S X Q J L T U R B U L E N C E C I M N
 I T W C P S D I P A I G E S U P L F Z B S
 M O F L I G H T N G S D P X A N O N Q E B
 A R K W I A P U L E Q I E F Q W C H O R D
 N Y Q I X F I D Z T S R O R C S I B K T W
 Y P D N C M T E J F U W E I G H T X R H W
 D X F G Y E C A P S J M V C B U Y A L J V
 O L M S F A H X S W E S O T F A U E L S E
 R Z A P I A L E H V B N X I W L T Z O L F
 E F L A V U R K C Y O H F O R C E I R M B
 A W E B S P R E D D U R Y N M P F H A U Z

AERODYNAMICS

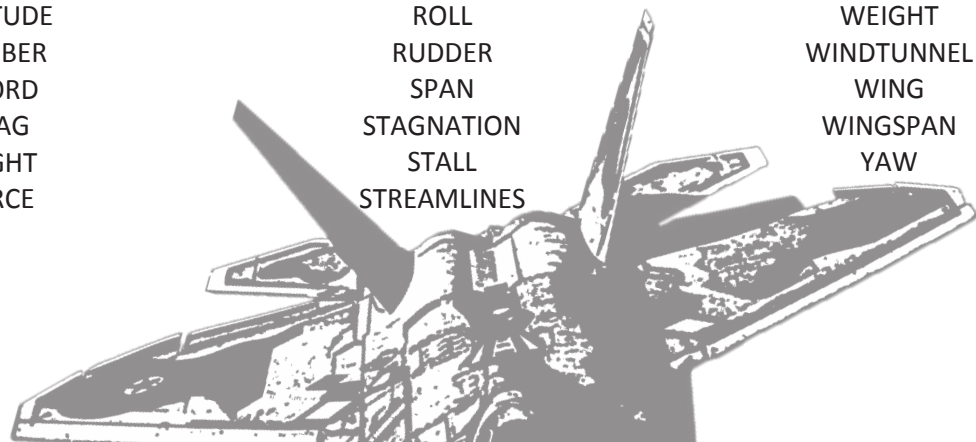
- AILERONS
- AIRFOILS
- AIRSPEED
- ALTITUDE
- CAMBER
- CHORD
- DRAG
- FLIGHT FORCE

FRICTION

- LIFT
- PITCH
- PRESSURE
- ROLL
- RUDDER
- SPAN
- STAGNATION
- STALL
- STREAMLINES

THRUST

- TRAJECTORY
- TURBULENCE
- VELOCITY
- WEIGHT
- WINDTUNNEL
- WING
- WINGSPAN
- YAW



AEDC's finest honored at annual awards banquet

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1st Lt. CharMeeka L. Scroggins
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Senior Noncommissioned Officer of the Year



Master Sgt. George V. Allen
Superintendent, Fuels Management, Test Support Division

Noncommissioned Officer of the Year



Tech. Sgt. Michael E. Hurley
NCOIC, Command Post

AEDC Airman of the Year



Senior Airman Eric M. Ball
Financial Services Technician

Honor Guard Member of the Year



1st Lt. William T. Edge
Flight Systems Test Program Manager

AEDC Civilian of the Year



Tyler Herod
Clerical/Technical Support

AEDC Civilian of the Year



Rebecca Gardner
Administrative

AEDC Civilian of the Year



Sean Smith
Scientist/Engineer

NAF Employee of the Year



Jacky Payne
Outdoor Recreation

NAF Employee of the Year



Phillis Brown
Arnold Golf Course

ATA Team Member of the Year



Charles Henderson
Mission Support / Emergency Services Branch: Craft

ATA Team Member of the Year



Larry Oakes
Test Assets and Support / Process Improvement

ATA Team Member of the Year



Jason Layne
Mission Support / Administrative NES

ATA Team Member of the Year



John Wright
Project and Design Engineering / Program/ Project Management

ATA Team Member of the Year



Jeff Swanberg
Mission Support / Administration

ATA Customer Service Team Member of the Year



Nathan Payne
Integrated Test and Evaluation

ATA Customer Service Team Member of the Year



Jody Frame
Mission Support

ATA Technical Award Winner of the Year



Ken Clark
Test Assets and Support, Engineer of the Year

General Lee Gossick Team Excellence



TF34 Composite Engineering Test Team

Photos were unavailable for the award winners listed below

ATA Technical Award Winners

Austin Voorhes
Project & Design Engineering: Engineering Design

Inna Kurits
Integrated Test & Evaluation/Tunnel 9: Science & Technology

Brian Knack
Integrated Test & Evaluation: Technical Project Leader

Steve A. Arnold
Integrated Test & Evaluation: Engineering Analysis

William M. Dunne
People's Choice Award



Tommy Northcott
Test Assets and Support, Engineer of the Year

AEDC Safety Achievement Award



Dave Everett
Mission Support

AEDC Technical Achievement Award



APTU Light-Off Reliability Team

Dusty Vaughn, team lead, Integrated Test and Evaluation

Congratulations!

STEM from page 7



Second Lt. William Page, a member of the Air Force Civil Engineer Center, Tyndall Air Force Base, Fla., interacts with a member of a team from the Science and Discovery Center in Panama City during a First Lego League robotics competition here Dec. 8, 2012. Page, a civil engineer, was a judge for the robot design portion of the competition. (U.S. Air Force photo/Bryan Muller)

cellence Real Property Management Division chief. "This concerns me and should concern all of us."

Guadarrama, who has a Bachelor of Science in civil engineering and Master of Arts in both public administration and management, shows his concern in many ways, but one that's most visible is mentoring through career days, science fairs and tutoring high school students at home.

"I am honored to provide my services to those seeking assistance," he said. "A student's ah-ha moment is priceless ... that's what it's all about."

Second Lt. William Page, an operations support officer in AFCEC's Operations Directorate, is another STEM professional who volunteers where he can to encourage young people to pursue STEM education.

After having an interest in robots and science since childhood, Page, whose father was an electrical engineer, majored in civil engineering at the U.S. Air Force Academy.

The young officer said he feels it's important to mentor youth and encourage them to pursue STEM disciplines.

They are the future, Page said. By mentoring them at a young age we can bring their exuberance, talent and innovation to its utmost potential to solve the problems of tomorrow.

Page has volunteered with the Boy Scouts to

help them earn their engineering merit badge and currently volunteers as a referee for First Lego League Robotics Competitions in Florida.

"I do it to help the kids gain an appreciation for STEM," he said, "and give them pointers on what to think about to solve a similar problem next time. I just hope to help the kids develop a greater interest in STEM, as well as to improve their critical thinking skills while having fun."

Nemesio Garcia, a mechanical engineer and program manager in AFCEC's Facility Engineering Center of Excellence, was the first in his family to graduate from high school and the first to attend and graduate from college.

In his Hispanic culture, Garcia said education is mostly seen as an unachievable goal with the emphasis on finding a job at an early age to start to gain seniority in a company.

In addition to overcoming this cultural expectation, to achieve his dream he said he also overcame the hurdles of starting school at a later age and having to leave early, low teacher and counselor expectations, and a feeling of hopelessness.

Throughout his professional career, Garcia said he saw, and continues to see, many of the problems he encountered as a young man.

"The problems are still there," he said, "only the

faces have changed. That's one of the reasons I decided that it's important for me to have a positive impact the best I can."

Garcia's dedication to mentoring began about 30 years ago when he was teaching middle school students. He'd ask them what they wanted to be in the future, help them identify goals and over one week help the students map out a way to achieve them.

"That class has produced medical doctors, teachers, engineers, lawyers, city council members and mayors," he said. "I've kept in touch with them and they've told me how that one week was a significant event in their lives that still guides them now."

Today, Garcia encourages students at every available opportunity as guest speaker at events, and at his church and martial arts classes.

"I've counseled on trials and tribulations of life as I've experienced them, how to visualize goals to better outline your life and processes that can be used to attain goals and have a positive impact on your community," he said.

All of these AFCEC members said they highly recommend everyone consider supporting STEM and school activities in their communities.

"If we can show even one student that with passion and focus one can reach any goal, and in this case STEM disciplines, perhaps we can build some momentum," Guadarrama said.

Tracker Airmen protect Bagram

By Staff Sgt. David Dobrydney
455th Air Expeditionary Wing Public Affairs

BAGRAM AIRFIELD, Afghanistan (AFNS) – A group of Airmen from the 455th Expeditionary Security Forces Squadron (ESFS) is combining the old school skills of tracking with modern technology to bring a new capability to the fight.

"It stemmed from a lot of research in preparation for our deployment," Staff Sgt. Benjamin DeSantiago said, a 455th ESFS Reaper team tracker. "We thought instead of just simply conducting routine base defense ... why not actually attempt to find the insurgents right on the spot."

DeSantiago credits his team's officer-in-charge, 1st Lt. Joshua Loomis, with gaining approval from leadership for the team to learn the necessary skills. The three-man team would eventually arrive at the tactical tracking operation school on Ft. Huachuca, Ariz.

"We informed the president of the school of our mission and told him what our needs were in preparation for our deployment," DeSantiago said, "(and) he tailored the school solely around air base defense to help us out."

When the Airmen first arrived for training, they did indeed think they were going to be playing cowboys.

"We thought we would end up putting our ears to the ground and listening to the winds for signs of our quarry," DeSantiago recalled.

However, the primitive was soon merged with the modern.

"(The instructor) taught us the proper emplacement of unattended ground sensors," DeSantiago said. "By using these sensors and emplacing them in areas of interest we can focus our patrols."

By the time of their arrival on Bagram Airfield,

Afghanistan, the tracker Airmen were ready to put their skills to the test.

"Whenever there is an attack, we act as a quick response force," DeSantiago said. "We are always on call. We go out with the responding team and assess where the insurgents came from and where they went to by tracking the ground spoor (indicators of a human presence), aerial spoor and any ground sign left behind."

While trackers can be found in the Army, they are rarer in the Air Force, a fact these Airmen are proud of.

"The instructor informed us that there were only a handful of us in the Air Force that he pushed through his course as certified U.S. Army trackers," DeSantiago said.

On the other hand, having a special mission can bring its own set of challenges.

"There are only three of us certified and our

capabilities are unique and new, especially to the base defense mission," DeSantiago said. "So we are learning a lot and improving daily."

However, those that would seek to do harm should beware. The trackers recently completed their first mission, investigating a specific area for insurgent activity.

"We reconned the whole area," Loomis said, "... looking for vehicle tracks, footprints, trash left behind, so we could limit the search to a specific focus."

Having identified multiple trails that could be used by insurgents, the trackers placed their sensors and will augment them with cameras if the sensors yield results.

Loomis added that the trackers are training other security forces Airmen to expand the number of teams that can go out on future missions.

"We have plans in place to utilize this skill set," Loomis said. "We're pretty excited."



Staff Sgt. Craig Ritter, 1st Lt. Joshua Loomis, Tech. Sgt. John Dolbee, and Staff Sgt. Ben DeSantiago monitor enemy movement and detection sensors Feb. 14, at Bagram Airfield, Afghanistan. The tracker team members are all deployed from the 822nd Base Defense Squadron, Moody Air Force Base, Ga. Ritter, Loomis, Dolbee and DeSantiago are 755th Expeditionary Security Forces Squadron Reaper team trackers. (U.S. Air Force photo/Senior Airman Chris Willis)



Staff Sgt. Craig Ritter and 1st Lt. Joshua Loomis move into position to place ground sensors for an enemy movement and detection training scenario Feb. 14, at Bagram Airfield, Afghanistan. The team uses a series of search techniques from simple eyes-on to ground sensors to track insurgent activity and provide site exploitation after an attack. Ritter and Loomis are 755th Expeditionary Security Forces Squadron Reaper team trackers. (U.S. Air Force photo/Senior Airman Chris Willis)



Black History and celebrating the Tuskegee Airmen



Eleanor Roosevelt and "Chief" Charles Alfred Anderson in 1941. Roosevelt convinced the Rosenwald Fund to expand the pilot training program at Tuskegee. Early in the year, Roosevelt visited the Tuskegee Institute's Moton Airfield, asking the chief flight instructor, "Chief" Charles A. Anderson if he would take her flying. Despite extreme objections from the Secret Service, Roosevelt spent more than an hour flying over the Tuskegee airfield, which was possibly the first time a black man had ever flown a plane with a white woman as his passenger. (Air Force Historical Research Agency photo)



An armorer of the 15th U.S. Air Force checks ammunition belts of the .50 caliber machine guns in the wings of a P-51 Mustang fighter plane before it leaves an Italian base for a mission against German military targets. The 15th Air Force was organized for long range assault missions and its fighters and bombers range over enemy targets in occupied and satellite nations as well as Germany itself. Ca. September 1944. (National Archives photo no. 208-MO-18H-32984)



Advanced instruction turned student pilots into fighter pilots at Tuskegee Army Airfield, Ala. (U.S. Air Force photo)



Graduation day at Tuskegee Army Airfield, Ala. The school produced 992 pilots during World War II. (U.S. Air Force photo)

EDUCATION from page 2

Training School at Lackland Air Force Base, Texas, Harris' early assignments were as an administrative officer. She transitioned into the maintenance field by attending the aircraft maintenance officer's course at Chanute AFB, Ill. Her first assignment, at Korat Royal Thai Air Base in support of the Vietnam War, was

just a prelude to her future accomplishments. She was one of the first women to be an air officer commanding at the U.S. Air Force Academy in Colorado Springs, and in 1991 she became the first female African-American general. Even in retirement, Harris continues to serve and to learn as a member of the Academy

Board of Visitors.

As we observe African-American History Month, the heroes among us, past and present, take shape through the real-world application of their never-ending educations. Each in his or her way exhibits a love of learning that is exceeded only by their dedication to duty.

Arnold Golf Course 454-GOLF, 454-FOOD

2013 Tournament Schedule

April 13 - Commander's Season Opener (4-person scramble)

April 30 - AEDC Golf League begins

May 2 - Thursday Night Scramble begins

May 11 - Two-Person Triple Play Tournament

June 22-23 - Member-Guest Tournament

July 20-21 - Arnold Tri-City Open Championship

Aug. 24-25 - Club Championship

Sept. 5 - AEDC Golf League Awards Banquet

Sept. 19 - Thursday Night Scramble Ends

Sept. 21 - Member Member Tournament

Oct. 5 - Season Ending Tournament

Sausage and biscuits available in the Pro Shop

Monday through Friday. If you have an early golf outing during the week grab a quick breakfast before you start. These sausage and biscuits are from the Mulligan's Coffee Bar & Grill menu prepared in advance and placed in the warmer in the Pro Shop for your convenience. The biscuits are \$2 each and coffee is also available. The grill opens at 10:30 a.m. during the week and serves a full breakfast on Saturday and Sunday starting at 8 a.m. The Pro Shop will have the sausage and biscuits available starting at 7 a.m. Monday through Friday but limited quantities will be available so get them while they last.

Arnold Lakeside Center 454-3350

Check us out on Facebook! Arnold AFB Services Arnold Lakeside Center and Arnold AFB Services Information, Tickets and Travel

First Friday Jam will be March 1 beginning at 6 p.m. Come to play, listen, dance and enjoy. Join in with the band to play an instrument or sing. Or take over and do your own performance. Dinner is available from 5 – 8 p.m.

Arnold Lakeside Center welcomes back Pretty Discoveries for a **jewelry fair** March 15 in the A&E building, Café 100, from 8 a.m. to 2 p.m. All jewelry prices are below \$20 and they also carry belts and handbags.

Easter "Fun in the Sun" Picnic and Easter Egg Hunt is scheduled for March 30 at the ALC. All ages are invited to attend. The event will be held on the patio from 10 a.m. – 1 p.m. The egg hunt will begin at 10 a.m. for ages two through 12 with three age groups (2-5, 6-8, 9-12) and there will be four prize baskets awarded in each age group. Remember to bring your own basket for gathering eggs. The picnic lunch will be from 11 a.m. – 1 p.m. served buffet style including fried chicken, potato salad, baked beans, bag chips, cole slaw, hot dogs, mac and cheese, pecan pie, and cookies. Reservations are required by March 22 by calling 454-3350. Cost is \$9.95 for members, \$10.95 for nonmembers and \$5.95 for ages 12 and under.

The Loading Dock Boys will be providing musical entertainment from 11 a.m. – 12:30 p.m. and the Easter Bunny will be present from 11 a.m. – 1 p.m. to visit with kids and their families.

Arnold Lakeside Center will host a **St. Patrick's Day Bash** March 16 to celebrate with the popular customs of corned beef and cabbage, green beer, music and dancing. The night will kick off at 5 p.m. with green beer specials in the bar. A menu of corned beef and cabbage with vegetables, roasted potatoes, orange-glazed carrots, fresh baked bread and green shamrock cake will be served 5:30 – 8 p.m. A special mini buffet for kids will include cheese pizza, hot dogs, green mac and cheese and fries. Traditional and classic music will be provided by Black Velvet Band from 6 – 8:30 p.m. This event is also a Membership Night to reward members with one of the benefits of being a Members First Plus member – a FREE event for members, their spouse and children. Nonmembers and guests may attend for \$13.95 per person (\$4.95 for age 12 and under). The Pizza menu will also be available for those wishing something other than the traditional Irish fare. The regular dining room and Express menus will not be available. All attending are encouraged to wear your best Irish gear. Reservations are required by March 12 by calling 454-3350.

The **2013 Air Force (AF) Hoops Promotion** will be held in conjunction with the 2013 National Collegiate Athletic Association (NCAA) Division I Men's Basketball Championship Tournament. The AF Hoops promotion begins March 1 and concludes on April 8. Scratch-off tickets will be available at the Golf Course or Café 100. Scratch-off tickets will have instant wins or a code which unlocks a tournament seed via the www.myafife.com website. At the conclusion of the promotion, winners will be randomly selected from registrants who drew the winning tournament seeds for the grand prizes. There are 25 grand prizes ranging from \$300 to \$5,000.

Last Friday Trivia Contest will be March 29. Trivia starts at 6:30 p.m. with questions in random categories. Teams may have up to four people. No cell phones are permitted during the event. Anyone using a phone while a question is underway will be disqualified. There are eight rounds with three questions per round. For rounds 1-4 teams have two, four and six points to wager per round. Round 5-8 teams will have four, eight and 12 points to wager per round. Only one point value may be used per question. For example, if you wager four points on the first question then you must choose either two or six points for the next question. Whichever value is left must be used for the final question in that round. After the eighth round, teams may wager up to their total points earned for the final question. Prizes are awarded for top finishers.

"Make the Right Choice – Get Rewarded" Membership Drive continues through March 31. During this membership drive there will be special

events and promotions for current and new members. New members that join anytime during the drive will get three months free dues plus instant win \$5-\$100 Services gift card. Promotions during the event for current and new members will be Punch Cards and Enter to Win. Punch cards will be available in Café 100 and Mulligan's Coffee Bar & Grill. Two cards are available – Combos and Coffees. Buy five combos and get your sixth one free (up to \$6) and buy 10 coffees and get your eleventh free (up to \$3). Earn punches during the drive, now through March 31, and redeem by April 30. Show your membership card (or temporary membership card for new members) and enter to win weekly drawings during the drive. Entries may be made at Arnold Lakeside Center (ALC), Café 100, Outdoor Recreation (ODR), Golf Course (to include Mulligan's Coffee Bar & Grill) or Fitness Center. Entries are limited to one per member per visit. Prizes include large pizza from ALC or Café 100, \$25 Services Bucks, dinner for two from ALC, Dinner for four at ALC movie night, one night at Crockett Cove or Dogwood Ridge, and \$50 Services Bucks. The Mid Drive Event will be held March 1 in Café 100 from 10:30 a.m. to 1:30 p.m. Current and new members will receive free Otis Spunkmeyer cookies. On March 16, ALC will host a St. Patrick's Day Bash where members can enjoy dinner for free. Nonmembers and guests are invited but will be required to pay \$13.95 (\$4.95 for age 12 and under). This event will include a traditional Irish menu with kids' buffet or order from the Pizza menu. There will be entertainment and bar specials. The Finale Event will be held March 29 in Café 100 from 10:30 a.m. to 1:30 p.m. Current and new members will get a free sampling of baked goods coming soon to Café 100. As always, membership is your choice but we hope you will make the choice to become a Members First Plus member with Services. Once you do, you can begin to reap the benefits that come with membership. Show Your Card – And Save!

Movie nights are Thursdays with movie start time of 6:30 p.m. and dinner available from 5-8 p.m.

Feb. 28 – "The Cold Light of Day," PG-13 (1 hr. 33 min.) starring Henry Cavill, Bruce Willis and Sigourney Weaver. After his family is kidnapped during their sailing trip in Spain, a young Wall Street trader is confronted by the people responsible: intelligence agents looking to recover a mysterious briefcase.

March 7 – "Wreck-It Ralph," rated PG (1 hr. 48 min.) starring voices of John C. Reilly, Jane Lynch and Jack McBrayer. A video game villain wants to be a hero and sets out to fulfill his dream, but his quest brings havoc to the whole arcade where he lives.

March 14 – "The Twilight Saga: Breaking Dawn - Part 2," PG-13 (1 hr. 55 min.) starring Kristen Stewart, Robert Pattinson and Taylor Lautner. After the birth of Renesmee, the Cullens gather other vampire clans in order to protect the child from a false allegation that puts the family in front of the Volturi.

March 21 – "Life of Pi," PG (2 hr. 7 min.) starring Suraj Sharma, Irrfan Khan, and Adil Hussain. A young man who survives a disaster at sea is hurtled into an epic journey of adventure and discovery. While cast away, he forms an unexpected connection with another survivor ... a fearsome Bengal tiger.

March 28 – "Rise of the Guardians," PG (1 hr. 33 min.) starring voices of Hugh Jackman, Alex Baldwin, and Isla Fisher. When the evil spirit Pitch launches an assault on Earth, the Immortal Guardians team up to protect the innocence of children all around the world.

Barber Shop is located in the A&E Building in room A107 and is open Monday, Tuesday, Thursday and Friday from 8 a.m. to 4 p.m. Haircuts are \$8 and are by appointment. Call 454-6987.

Hours of operation

Arnold Lakeside Center: Catering/Management offices by appointment. Cashier – Monday through Friday, 9 a.m. – 4 p.m. Dinner: full menu available Thursday, 5 – 8 p.m.; Friday and Saturday, 5 – 9 p.m. Main Bar – Thursday, 5 – 8 p.m.; Friday, 4 – 10 p.m. and Saturday, 5 – 10 p.m. Social Hour – Friday, 4 – 6 p.m. Movie Night – Thursday, 6:30 p.m. **Information, Tickets & Travel (ITT):** Tuesday through Friday, 10 a.m. – 3 p.m.

Café 100: Monday through Friday, 6:30 a.m. – 1:30 p.m.

Barber Shop: by appointment – Monday, Tuesday, Thursday & Friday, 8 a.m. – 4 p.m.

GLC (office located at Arnold Lakeside Center): Monday through Friday, 7 a.m. – 3:30 p.m. May vary depending on bookings.

Outdoor Rec: Tuesday through Saturday, 10 a.m. – 5 p.m.

Fitness Center: Monday – Friday, 5 a.m. – 7:30 p.m.; Saturday, 8 a.m. – 1 p.m.; Sunday Closed.

Arnold Golf Course: Pro Shop & Driving Range, 8 a.m. – dusk. Driving Range open 24 hours with prepurchased key card. Mulligan's Coffee Bar & Grill Monday through Friday, 10:30 a.m. – 2 p.m., Saturday and Sunday, 8 a.m. – 2 p.m.

Recycling: Monday through Friday, 7 a.m. – 4 p.m.

Wingo Inn: Monday through Friday, 7 a.m. – 6 p.m.; Saturday and Sunday, 8 a.m. – 4 p.m.

Nonappropriated Funds Human Resources: Monday through Friday, 7:30 a.m. – 4 p.m.

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Fitness Center 454-6440

Check us out on Facebook! Arnold AFB Services Fitness Center

The Fitness Center staff will be in Café 100 March 6 from 11 a.m. – 12 p.m. for **Colorectal Awareness**. Among cancers that affect both men and women, colorectal cancer is the second leading cancer killer in the U.S. But, if everyone aged 50 years or older had regular screening tests, at least 60 percent of deaths from this cancer could be avoided. Stop by and pick up some material with more information about this disease. Screening saves lives.

Pot O'Gold Run/Walk will be held March 20 any time during regular business hours (5 a.m.-7:30 p.m.). This is "on your honor" for two laps around the Fitness Center trail. The first 25 to sign up receive an event T-shirt.

The **2013 Air Force Marathon, Half Marathon and 10K** will be held Sept. 21. The Start and Finish Lines are at the National Museum of the United States Air Force, 1100 Spaatz Street, Wright Patterson Air Force Base, Ohio. Start time is 7:25 a.m. for the Wheeled Division Race and 7:30 a.m. for the Full Marathon and 10K. The Half Marathon start time is 8:30 a.m. Registration is underway now with reduced rates through April 1. Rates will increase April 2 – June 1 at which time they will increase again. Registration in 2012 was sold out by the beginning of May. Permissive TDY is authorized for Air Force

active duty members under AFI 36-3003 (26 Oct 09) Military Leave Program, Section F, Paragraph 12, Table 7, Rule 30. Be sure to check with your supervisor. Air National Guard or Reserve members must be on active duty status for permissive TDY and must be approved by the Unit Commander. Services will reimburse registration (if made before April 1), lodging (on base only unless non-availability letter provided from lodging), and daily maintenance fee. Reimbursement will be issued after the event upon completion of travel voucher. For questions about Services reimbursement contact the NAF Finance Office at 454-7425. In accordance with Joint Travel Regulations, DOD guidance and AF Instructions, civilians cannot be granted permissive TDY to participate in the Air Force Marathon. For more information please contact HQ AFMC/A1SXA at (937) 257-4803 or DSN 787-4803. Complete race details and applications are available at www.usafmarathon.com.

Group Class Schedule:
Boot Camp: Monday, Wednesday and Friday, 6-7 a.m.

Yoga: Monday, Wednesday and Friday, 11 a.m.-12 p.m.

Cycling: Monday, Tuesday and Thursday, 11 a.m.-12 p.m.

Interval Training: Tuesday and Thursday, 3:30-4:30 p.m.

Outdoor Rec (ODR) 454-6084

Check us out on Facebook! Arnold AFB Services Outdoor Recreation

Services Arnold Lakeside Center along with Outdoor Recreation will host the **Franklin County Longbeards AEDC Invitational** March 9. This event is open to the public and is a National Wild Turkey Federation (NWTF) sanctioned calling contest with emcee Mike Halter. Things get underway at 9 a.m. at Arnold Lakeside Center with check in of all contestants. A calling meeting will be held at 10 a.m. and the calling contest will start at 11 a.m. All contestants and guests should preregister by March 2. Because Arnold Lakeside Center is in a base affiliated gated community a list of all attending provided to the security gate will expedite entry. Late registration is allowed but will cost an additional \$10 and could result in delays at the gate. There will be five divisions: Senior Open (age 21 and over) \$20, Senior Friction (age

21 and over) \$20, Amateur (any age) \$15, Intermediate (age 16-20) \$10, and Jakes (age 15 and under) free. All divisions will award first, second and third place winners. The first place winners in both senior divisions are eligible to move on to the NWTF Grand National Calling Championships in Nashville. A deli lunch buffet will be served for \$8.75 (\$5 age 12 and under) or the pizza menu will also be available throughout the day. Dinner is available from the full menu. Limited booth space is available at this event for \$50 per space. For more information or to register call Preston Martin at 931-454-3350 or Joe Pennington at 931-454-6084.

Camping Preparedness: Cooking with a Dutch Oven will be held 10 a.m. – 1 p.m., March 16 at Crockett Cove. Meet at Pavilion 2 and learn how to make an oven out of a simple cooking pan. Also learn basic techniques to clean, maintain and use the Dutch oven. During this class we will make camp fire biscuits. Cost is \$5 and deadline to sign up is March 14.

Camping Guests Lake Tour is scheduled for 12-2 p.m., March 23. ODR will be hitting the open lake in the SS Stewart to explore the history of Woods Reservoir. Learn about the islands, buildings, and other sites that make this area unique. The lake tour is \$5 and open to guests staying in FamCamp, Crockett Cove and Dogwood Ridge. Call to sign up by March 22.

Paintball continues with regular play every Saturday except third Saturday which is tournament day. Paintball is for ages 10 and older and ages 10-17 must have a parent permission form. Remember to wear appropriate clothing – long pants, a long-sleeved shirt and closed toe shoes.

Regular Saturday play is every weekend from 9:30 a.m. to 2:30 p.m. except third Saturday due to monthly tournaments. Those interested need to call and sign up at least a day ahead of time to ensure equipment availability. When the day arrives, simply meet at the paintball field and get play underway with the direction of an Outdoor Rec (ODR) staff member. Cost is \$35 per person with equipment provided and includes 500 paintballs and a tank of air. It is \$20 per person for those with their own equipment and that also comes

See BRIEFS, page 14

BRIEFS from page 13

**Outdoor Rec (ODR)
454-6084**

with 500 paintballs. All paintballs used must be purchased from ODR for \$13 per bag of 500 or \$45 for a box of 2,000.

Monthly tournaments are on the third Saturday beginning at 10 a.m. Teams of four play double elimination to test your skills until the best team arises. Prior to the tournament there will be a 25-minute warm up field time with team on team play. There must be at least one team member above age eighteen and there must be at least eight teams to hold the tournament. ODR has 20 paintball guns available on a first come first served basis. Indicate at time of registration if you will be using your own equipment or need to reserve equipment. Cost to enter the tournament is \$55 per team and includes a bag of 500 balls and air for the day for each team member. The winning team will receive a free day of paintball (regular Saturday play) for all four team members valid for one year and includes equipment, field fee, air for the day and bag of 500 balls. Sign up deadline for the tournament will be the Tuesday prior and late registration/cancellation fees will be applied the Wednesday prior.

Call 454-6084 for more information about the paintball program or to sign up for these events.

Outdoor Rec inflatables. There is an assortment of inflatables for almost everyone's needs. We have a huge backyard obstacle challenge measuring 40 feet long by 10 feet wide by 13 feet high and a double lane jump slide for only \$150 per day. We also have a giant

basketball hoop for \$30 per day and a Rocket Bounce House for \$75 per day. If you need a water slide then our 18 foot Double Drop Wet/Dry slide will be great for any event and is only \$150 per day. Please contact Outdoor Recreation at 454-6084 to make your reservation today!

Teambuilding Facilitation now available through Outdoor Rec. Book your team building event at least two weeks in advance and customize your activities to include leadership, communication, trust, conflict resolution and more. Our kit has 289 activities and can serve up to 120 participants. Large group challenges can accommodate up to 60 people. This equipment must be facilitated by an Outdoor Rec staff member and is not available for rent for private use. Department of Defense organizations may utilize the program for free. All others have the option of half day (four hours) for \$50 or full day (eight hours) for \$100. Call to find out more information or book your team building event.

Extended Stays avail-

able at FamCamp. The FamCamp is a wooded area off of Northshore Road on the banks of Woods Reservoir with tent and RV camping. Amenities include bathhouse with shower, barbecue grills, fire rings, lantern hangers, boat launch pad, picnic and beach area, covered pavilion as well as washer/dryer service and boat docking service. There are 18 tent sites and 36 RV sites, 15 of which are pull-through. All RV sites are equipped with 30 and 50 amp 115V service. Daily rates for RV camping are \$20 during the summer and \$15 during the winter (Nov.-April). Did you know that you can stay for up to three months at FamCamp? Monthly rates are \$450 during the summer and \$400 during the winter. Sites 27-36 are designated for extended stays. Extended stays are only allowed in three month increments and there must be a one month gap between stays. Reservations may be made up to 45 days in advance for active duty, National Guard and Reserve military. Up to 40 days in advance for military retirees and up to 30 days for DOD employees. All others may make reservations up

to 20 days in advance. Tent camping is available at \$7 daily. Washer/Dryer service is \$2 and boat docking is \$5. A convenience store is open 12-4 p.m. Friday through Sunday May through October and open Mondays if in conjunction with a holiday weekend. Other camping is available at Crockett Cove and Dogwood Ridge. Crockett Cove offers five rustic cabins with heat and air, mini fridge, microwave, front porch swing, grill and picnic table. There is no running water, but a bathhouse is on site. The one or two room cabins rent for \$40/\$50 per day during the summer and \$30/\$40 during the winter. Dogwood Ridge consists of six travel trailers with water, sewer, electric and propane complete with deck, picnic table and chairs. The trailers rent for \$40 daily, \$75 for two days or \$200 per week. Extended three month stays are also available at these areas. Call Outdoor Recreation at 454-6084 for more details or to make reservations.

RV and Covered Boat Storage slots available. Outdoor Rec has open slots available in the RV storage

yard. Each slot is 30 feet long and 10 feet wide and rents for \$25 per month or \$250 per year. The covered boat storage has nine slots open. The boat storage slots are 40 feet long and 12 feet wide and rents for \$45 per month or \$450 per year. Both storage yards require proof of registration and insurance of item placing in storage along with a signed contract based on length of stay. Access to the storage yard will be granted at the time the contract is signed. Call for more details.

**Wingo Inn
454-3051**

Check us out on Facebook! Wingo Inn

Reservations for Wingo Inn may be made 120 days in advance. Room rates start at \$53.25 per night. Please call 454-3051 for reservations.

**Gossick Leadership Center
454-4003**

Check us out on Facebook! Arnold AFB Ser-

vices Gossick Leadership Center

The Gossick Leadership Center (GLC) may be used for events such as meetings, conferences, luncheons, dinners, etc. and is booked through the Services Conference Center Manager (CCM) up to one year in advance. Requests must be made in writing by email to arnold.glc@arnold.af.mil. All event coordinators are required to sign an agreement. Official unit functions are authorized at no charge and are defined as bona fide official meetings or training held as part of the normal duty day. Unofficial and private functions may be held for authorized users at a fee. Community members may host events with the approval of the Services Director for a fee. Outside food and beverages are not allowed. First consideration must be given to Arnold Lakeside Center. In the event they cannot accommodate, an outside source may be utilized with CCM approval. For more information contact the CCM at 454-4003.

MY STRENGTH IS FOR DEFENDING
AEDC Victim Advocates Hotline:
(931) 581-7494

Preventing Sexual Assault is part of our duty

Visit: MyDuty.mil



READINESS
= RESPECT

