



HIGH MACH

Serving the World's Premier Flight Simulation Test Center



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U.S. Rep. Black tours AEDC facilities



U.S. Rep. Diane Black, second from right, gets a tour of AEDC's C-2 test cell from Turbine Engine Ground Test Complex commander Lt. Col. Brent Peavy and AEDC Executive Director Britt Covington March 9. C-2 is the center's high-bypass engine test cell; workers recently tested the Rolls-Royce Trent Extra-Wide Body engine there. Rolls-Royce officials say it's their largest engine under development to date and one of the largest tested at AEDC. (Photo by Jacqueline Cowan)

AEDC's Tunnel 9 is the site of unique program debut

By Philip Lorenz III
Aerospace Testing Alliance

AEDC's White Oak site in Silver Spring, Md., is the site for a new and innovative program sponsored by the Test Resource Management Center (TRMC) and the Air Force Office of Scientific Research (AFOSR).

According to Dan Marren, White Oak site director, this program, called the Centers of Testing Excellence (COTE), was modeled after AFOSR lab programs and is the first of its kind for the test and evaluation commands.

"The first COTE pilot program is in the area of hypersonics and is located at AEDC White Oak because of the unique hypervelocity test facility (Tunnel 9) located there. The University of Maryland was chosen as the anchor university," he said. "The basic vision of this program is to bring together researchers, students and testing professionals working on U.S. Air Force priorities in a collaborative way that strengthens the vitality of both the research and the workforce."

Dr. Mark Lewis, University of Maryland's Aerospace Department chair and former Chief Scientist of the Air Force, said collaboration between the two commands, a university and Tunnel 9 is critically important.

"AEDC's Hypervelocity Tunnel 9 is the foremost hypersonic test facility of its type in the free world and has had an important role to play in nearly every significant hypersonic weapon and atmospheric entry probe designed in the past 35 years," he said. "Having faculty and students working on problems that leverage this incredible facility, and in turn adding significant capabilities in instrumentation, modeling and simulation and analysis, will have a tremendous impact across the hypersonics field – that includes both weapons and space applications."

Marren said the program will provide multiple benefits, both now and further out.

"The first research effort will investigate phenomena that will someday be important to the global strike community, so the research is not only timely but important to our current customer," he said. "This program is pairing researchers, students and testers to do something that's critical to the Air Force. In the end, the product that you get, while important, is not the end goal; the real 'product' is

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Governor Haslam visits AEDC



Air Force program manager Kris Hughes explains AEDC's Turbine Engine Dry Air Capability (TEDAC) to Tennessee Gov. Bill Haslam during the governor's visit to AEDC March 7. TEDAC will improve plant reliability while reducing AEDC's environmental risks by replacing thousands of gallons of toxic brine and thousands of pounds of ozone-depleting refrigerant with environmentally-friendly refrigerants and brines. The capability will be used to condition air used in turbine engine altitude testing. The interim capability is expected to be completed in June and the final system is expected to be completed this November. (Photo by Rick Goodfriend)

Training on document release coming soon for AEDC employees

By Patrick Ary
Aerospace Testing Alliance

Training will soon be provided to guide AEDC employees on the way documents should be marked and released outside of the center's physical and electronic boundaries.

In late March, a new computer-based training (CBT) course will be available to explain the importance of properly marking and releasing documents outside AEDC. The Information Release Authorization Process (IRAP) was developed locally to assist individuals in determining the sensitivity of information and outlining the decision-making process before releasing information outside AEDC, including information determined to be releasable to the public.

The training will include changes

documented in a memo from the office of the Secretary of the Air Force stating documents containing Controlled Unclassified Information (CUI) must be converted from a native format (i.e. Word, Excel, etc.) to Adobe's Portable Document Format (PDF) or an image format such as JPEG or TIFF before they are released to the public.

The intent is to prevent manipulation of content after it is released and to prevent access to document statistics or track history information.

"Regular documents in native format can be manipulated, and we have direction that if you're going to send these outside of AEDC to the public, then you want to send it in a format that cannot be manipulated," said AEDC Information/Personnel Security Project Manager Jack Glasser.

AEDC and ATA have been working on the upcoming training for months, Glasser

said, in order to make sure it answers all questions about what materials are CUI that need to be controlled.

"It's going to be specific about the different types of information from a CUI aspect," Glasser said. "That includes STINFO, Export Control, For Official Use Only (FOUO), Critical Information and all other different types of what is considered Controlled Unclassified Information."

There will be two phases of training, according to ATA facility security officer Jeannie Bowden. At the end of March, a general awareness CBT will be available. Then in mid-April, a more extensive tutorial about the AEDC Information Dissemination Handbook is scheduled to come out.

"Most of the salaried workforce will only take general awareness training, but the people who generate and regularly

release CUI will need more in-depth training," Bowden said.

Details about who will take the CBTs on the Air Force side are still being worked out, according to Glasser. Bowden said ATA employees should be notified via PeopleSoft when they need to take the course.

The courses will bring together various information protection requirements and describe a formal process regarding how to submit materials to be marked and released, Bowden said.

"During investment or test project planning, individuals will have an improved understanding of the information categories, what they mean and why it matters that materials get marked and released properly," she said.

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HIGH MACH

Arnold Engineering Development Center
An Air Force Materiel Command Test Center

Col. Michael Brewer
Commander

Jason Austin
Director,
Public Affairs



Steve Pearson
General Manager,
Aerospace Testing Alliance

High Mach Staff:
Kathy Gattis, ATA Public Affairs Manager & Executive Editor
Patrick Ary, Editor
Information International Associates, Inc., Production

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The center's vision: AEDC as the test center of choice, the workplace of choice for our people and a model of environmental excellence.

**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

Innovation key to Air Force future

By Col. Riz Ali
Air Force Network Integration Center Commander

SCOTT AIR FORCE BASE, Ill. (AFNS) – Our nation is facing a number of challenges that affect our government. As a result, change is happening all around the Air Force.

The institution of the Air Force will survive, but there is no doubt we'll be operating differently. Over the past several years we have implemented a number of efficiency efforts to shape the force while maintaining ops tempo. Efficiency is important, but it is not enough.

Innovation is what will get the Air Force through these tough times. John Kotter, a recognized thought leader on leadership and change, and professor at Harvard University said, "Anything that is creating change outside a company adds a premium to innovation within the company." If this is the case, there has never been a better time for innovation in the Air Force.

When one thinks of a military organization, "creative" is not usually a word that comes to mind. We are trained to be regimented, by-the-book and disciplined. Good order and discipline are critical traits that contribute to our being the greatest Air Force in the world.

Creativity has its place though. There are always new ways of doing things or using an existing tool

differently. Just because we have always done something one way doesn't mean it is still the best way. Our world is changing quickly and we must stay a step ahead. This requires a culture change and new way of thinking.

You may be familiar with Air Force Innovative Development through Employee Awareness program. The IDEA program has been a catalyst for some remarkable process improvements and savings in our Air Force. Innovation is not just big, groundbreaking ideas though. It is about constantly assessing yourself, being adaptive, reinventing when needed and moving forward.

Innovation differs from invention because it looks at new ways to do things. It can be something as simple as finding a new use for a product or tool. It can also be a change in strategy or processes that completely reinvents the way an organization functions. It is taking what you already have and doing it differently, better. James Dyson, founder of the Dyson Company, perhaps best described where innovation comes from when he said, "Where does the impetus for product innovation come from? Frustration!"

Think of the last time you were frustrated at work. Was it with a process? Bu-

Leave your shell behind; the lesson of the lobster

By Lt. Col. Oliver Leeds
92nd Air Refueling Squadron Commander

FAIRCHILD AIR FORCE BASE, Wash. (AFNS) – As a child growing up in New York City, I didn't have much, but I did have a pet lobster and an early philosophy lesson (okay, it was actually a crayfish, but in my youth I didn't know the difference).

Every morning when I woke, the first thing I did was run to the fish tank to see my "lobster." One morning, a rather appalling sight greeted me: a hollow shell. It looked like the lobster, but it had become transparent, it lacked tentacles and it was definitely not moving.

My father reassured me that he wasn't dead and gone; he had shed his shell and was watching us from behind a rock. But why was he hiding? My father explained the lobster was vulnerable without his shell,

and he hid to seek safety.

I don't remember how old I was when this happened, but I found fault with this explanation: "If the lobster needs to be safe and he's safe inside his shell, then why would he ever leave his shell?" In answering this question, my father sprung my first philosophy lesson on me: "If he never leaves his shell, he never gets any bigger."

Throughout my life, the number of times I've reflected on that lesson is astounding. Safety is essential, but it's not our purpose. We are programmed for growth; it's in our DNA. People from all walks of life face frequent choices between these two imperatives: to leave our "comfort bubbles" and dare something new, or to play it safe? Tragically, many choose to deny themselves life's chal-

lenges in order to play it safe and, like Shakespeare's cowards, they "die many times before their deaths."

This is not to suggest we should be anti-safety. Safety is a mindset that serves us well – especially when we "leave our shells" – but pursued as an ultimate end, results in nothing. Like the lobster, we ought to think of growth as the given assumption and safety as a way to manage all the vulnerabilities that go with it.

The Air Force term for growth is "professional development." That kind of growth requires us to change jobs, take new assignments and even live in new countries. In each new environment, we listen more, and we learn fast. We harden our shells with the confidence of new knowledge, and, at the end of the process, we are "bigger" in our minds and safe, too. We thrive, we lead.

Until the itch to leave our shells begins again.

reocracy? Perhaps another instance of trying to fit a square peg into a round hole? If you are frustrated with something, there has to be a way to do it better!

At the Air Force Network Integration Center, we are encouraging new ideas through our internal innovation program. Through this program, AFNIC personnel can submit their ideas to improve center operations, the Air Force enterprise network, or both. An innovation committee made up of senior leaders reviews each proposal and the plan to achieve it. If approved, the submitter is given resources and time to bring their idea to life.

Of course, not every idea can be implemented, and that is okay. An innovative culture understands and accepts that not every idea will work. The goal is to get the ideas flowing.

I encourage everyone to make a conscious effort to think innovatively every day. Start by identifying a specific challenge or something you are frustrated with. If you had the power to change it, what would you do?

If your organization doesn't have a program to bring ideas forward, maybe your first step can be to help initiate one. Now more than ever our Air Force needs your ideas and creative energy to make them happen. And I mean everyone, from the airman basic to our senior leaders.

Volunteers wanted to help community during tax time

By Zak Mohyuddin
ATA Engineering Analyst

Anyone interested to acquire new knowledge and skills and apply it immediately to community service may do so by becoming a volunteer income tax preparer.

The Tullahoma site of IRS's Volunteer Income Tax Assistance (VITA) program annually prepares about 200 returns for moderate and low income citizens. The Lannom Public Library has generously provided their facilities for this service since 2007. The services are offered three times a week (in four-hour sessions) during February and reduced to twice a week until mid-April.

In particular, there is a need for a site coordinator (for next year's season). The task requires approximately 10 to 15 hours a week commitment. Other volunteers typically put in about eight hours a week during tax season.

The site coordinator position is ideally suited for a person who is retired, or stay at home or working part time. The responsibilities include being the custodian of laptop computers (currently three) and a printer the IRS loans out each year (and which are shipped back at the end of the season). The software used by IRS are sent in CDs which have to be uploaded to the computers and periodically updated online. The coordinator uploads the returns prepared after each session from home via the internet and follows-up if any are rejected.

The coordinator receives and logs calls for appointments and calls back to make appointments. The appointment system assures smooth traffic flow and to avoid long delays or waits for taxpayers. All the equipment stays with the coordinator at home and is brought to the library. There is a strong emphasis to not burden the library staff with storage, appointment or other responsibilities.

All volunteers and site coordinator are required to take tests annually to keep up with the changing tax laws. There are three levels of certification (Basic, Intermediate, Advanced) plus specialties such as military returns and a few others. All are focused on individual returns and not business returns or farm income.

The coordinator position requires minimum intermediate level certification. The IRS also provides hard copies of study guides and on-line manuals and practice labs. The advanced topics stop at capital gains, stocks, self-employment and some rental income. Many complicated topics such as farm income and depreciation are out of scope for the VITA program. Someone new to the program will typically require 30 to 40 hours of study for the advanced certification. With experience, the annual study time decreases significantly.

Anyone interested can call Zak Mohyuddin at (931) 409-3602 and set up a time to come by the Lannom Library to get a first hand view of the work.

The work offers direct and immediate help to a lot of people who either cannot afford to go to commercial preparers or find the process too complicated to do on their own. The service provides a need. Some people have come for several years from as far away as McMinnville and Rock Island because Tullahoma is the nearest location with this service.

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. Michael Brewer
AEDC Commander

Q: Why do we not have seasonal sites at FamCamp anymore? At one time you could stay for the summer on one site for a monthly fee. Why not take a limited number of spots and make them seasonal?

A: We have 10 FamCamp sites identified for extended stays. These sites, 27-36, are located close to the upper bath house and consist of seven pull-through and three back-in spots. The monthly rate is \$400 from Nov. 1 through April 30 and \$450 from May 1 through Oct. 31. Customers are allowed a maximum of three months at a time. The staff at Outdoor Recreation, Bldg. 3055, in the Arnold Village would be happy to answer any questions and can be reached at (931) 454-6084.

454-3600

The AEDC Information Line is available for ATA employees to get the latest information on a wide variety of emergency circumstances that could impact base operations or driving conditions.

**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://ilpapro.arnold.af.mil/PORTALimages/Smoking area map. pdf](https://ilpapro.arnold.af.mil/PORTALimages/Smoking%20area%20map.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.

Air Force expands testing to prescription drugs

By Jon Stock

Air Force Surgeon General Public Affairs

WASHINGTON (AFNS) – The Air Force and other military services will expand their drug testing to include testing for commonly abused prescription drugs beginning May 1.

On Jan. 31 the Secretary of Defense gave a 90-day advance notice of the drug testing expansion which aims to counter the nation's growing epidemic and encourage those abusing prescription medications to seek treatment before official testing begins.

"Abuse of prescription drugs is the fastest growing drug problem in the United States, and unfortunately, this trend is reflected in the military services," said Maj. Gen. Thomas W. Travis, Deputy Air Force Surgeon General. "While pain medications are highly effective in alleviating suffering from injuries, they are dangerous and potentially addictive when used outside medical supervision."

Taking controlled medications in a manner other than how they were prescribed poses a risk to the

person's health and safety and can put others at risk as well.

Prescription medications should be taken only for the purposes for which they were prescribed and at the dose and frequency prescribed. Additionally, Airmen are reminded never to take a medication prescribed to someone else.

"Members who need help discontinuing use of these drugs are encouraged to seek care at a military treatment facility immediately," said Maj. Gen. Travis.

The policy being addressed is not new to Air Force personnel. In accordance with Air Force guidance and existing law, the knowing use of any prescription or over-the-counter medications in a manner contrary to their intended medical purpose or in excess of the prescribed dosage may have negative health consequences and may also violate the Uniform Code of Military Justice.

AFI 44-121, Alcohol and Drug Abuse Prevention and Treatment (ADAPT) Program provides

limited protections under certain circumstances for voluntary disclosure of prior drug use or possession to unit commanders, first sergeants, a substance abuse evaluator, or a military medical professional.

Once an Airman has been ordered to provide a urine sample as part of the drug testing program, any disclosure is not considered to be voluntary.

"There are no changes to procedures that will directly affect drug testing collection sites and military members who are selected for testing," said Lt. Col. Mark Oordt, Chief, Alcohol and Drug Abuse Prevention and Treatment and Drug Demand Reduction. "The changes will occur at the Drug Testing Labs where the standard panel of substances each specimen is tested for will be expanded."

The scope of the problem

The Centers for Disease Control report 52 million Americans ages 12 and up had used prescription meds non-medically in 2009, with 7 million Americans having done so routinely.

Prescription medications

appear to be replacing marijuana as the top "gateway drug." Six of the top 10 abused substances among high school seniors are prescription drugs; 20 percent of high school students have taken prescription medications without a prescription.

Military data also suggests increases in prescription drug misuse. The DOD Health Behaviors Survey shows self reported misuse of pain meds for non-medical purposes by Service Members (all Services) increased from 2 percent in 2002 to 7 percent in 2005 to 17 percent in 2008.

How to dispose of prescription drugs

"Patients are encouraged to dispose of prescribed medications once they are no longer needed for their prescribed purpose," said Lt. Col. Oordt. "The Drug Enforcement Administration (DEA) prohibits pharmacies from taking back controlled substances."

However, the Services collaborate with law enforcement agencies in the DEA drug take back days which occur several times each year in most com-

munities."

For more information on drug take back days visit http://www.dea diversion.usdoj.gov/drug_disposal/takeback/

The Food and Drug Administration also offers guidance on disposal of prescription drugs before consumers throw them in the garbage.

Take the medication out of their original containers and mix them with an undesirable substance, such as coffee grounds or kitty litter. The medication will be less appealing to children and pets, and unrecognizable to people who may intentionally go through your trash.

Put medications in a sealable bag, empty can, or other container to prevent the medication from leaking or breaking out of a garbage bag.

Visit the following site for more information on how to properly dispose of medications: <http://www.fda.gov/downloads/Drugs/ResourcesForYou/Consumers/BuyingUsingMedicine/Safety/UnderstandingOver-the-CounterMedicines/ucm107163.pdf>.

AFMC senior leader changes announced

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – Air Force officials announced March 9 the President's nomination of two Air Force Materiel Command senior leaders for appointment to the grade of lieutenant general with new assignments.

Pending Senate confirmation, Lt. Gen. Charles R. Davis, commander of the Electronic Systems Center at Hanscom Air Force Base, Mass., will become the Military Deputy, Office of the Assistant Secretary of the Air Force for Acquisition at the Pentagon, in Washington, D.C.

Also pending Senate confirmation is the President's nomination of Maj. Gen. Bruce A. Litchfield, commander of the Oklahoma City Air Logistics Center at Tinker AFB, Okla., for promotion to the grade of lieutenant general, with assignment to lead the new Air Force Sustainment Center at Tinker AFB.

The Air Force has not yet announced a replacement for Davis.

Prior to Davis' assignment as ESC commander in September 2011, he was the Air Force Program Executive Officer for Weapons and Air Armament Center commander at Eglin AFB, Fla.

Davis' previous assignments include serving on the Air Staff under the director of Air Force Test and Evaluation; leading



Davis

divisions in both the F-16 and F-15 program offices; serving as director of the F-15 and Flight Training System Program Offices; and serving as the Joint Primary Aircraft Training (T-6A) System Program director. He is an experimental test pilot with more than 3,400 flying hours in 53 types of aircraft.

Prior to Litchfield's assignment as commander of the Oklahoma City ALC in November 2011, he was the Special Assistant to the AFMC Commander at Tinker AFB.

Litchfield's previous assignments include logistics and acquisition assignments supporting weapon systems at wing, major command, Air Staff and the Joint Staff levels. He has commanded a supply squadron, logistics group and combat support systems wing and was the

Director of Logistics at Headquarters Pacific Air Forces, Hickam AFB, Hawaii.

The command's maintenance and supply mission will be led by the new Air Force Sustainment Center at Tinker AFB. The AFSC will consolidate oversight of most missions now performed at the Oklahoma City Air Logistics Center at Tinker AFB; the Warner Robins ALC at Robins AFB, Ga.; and the Ogden ALC at Hill AFB, Utah.

Like the current acquisition centers, the three ALC headquarters will stand down and their combined workforce will report to the new AFSC.

Each location will continue to operate one of the Air Force's three air depots, to be named the Oklahoma City, Warner Robins and Ogden Air Logistics Com-

Litchfield

plexes, respectively.

The AFSC is planned to reach initial operating capability at Tinker AFB in October 2012.

The AFMC restructure was announced Nov. 2, 2011, as part of several Air Force efficiency efforts. The restructure will cut overhead costs and redundant layers of center headquarters staffs and is expected to generate Air Force savings of \$109 million annually.

The restructure will improve AFMC's overall management of the Air Force's research and development, test and evaluation, life cycle management and sustainment of weapon systems and nuclear support, and will allow AFMC to provide better support to the warfighter and use taxpayer dollars more efficiently.

Exercise caution on St. Patrick's Day

For many Americans, St. Patrick's Day has become a popular time to celebrate with friends and family.

Unfortunately, due to the large volume of drunk drivers, the night out has also become very dangerous.

On St. Patrick's Day 2009, there were 103 crash fatalities; 37 percent involved an impaired driver and/or motorcyclist with a blood alcohol content of .08 or higher – illegal in all 50 states.

The count is typically higher when the day falls on a weekend, so exercise greater caution.

Whether meeting friends at the local pub or celebrating in someone's home, if you plan on drinking alcohol, please don't drive.

In addition to the tragedy of injury or death, drunk driving violators can face fines or jail, loss of driver license, higher insurance rates, and other expenses ranging from attorney fees,

court costs, car towing and repair, and lost wages due to time off from work.

The tragedies and costs of driving drunk are serious and real. That's why Tennessee and other states will be increasing traffic check points this weekend and why the National Traffic Highway Safety Administration encourages drivers to follow the tips:

- Plan a safe way home before festivities begin.
- Designate a sober driver; leave your car keys at home. If you're impaired, use a taxi, call a sober friend, or use public transportation to get home safely.
- If you see a drunk driver on the road, don't hesitate: Call law enforcement.
- If a friend is too drunk to drive, take his keys and help him arrange for a safe ride.
- Wear your seatbelt; have your passengers do the same.

(Information provided by ATA Safety)

Early marathon registration has its advantages

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – Anyone registering for the Air Force Marathon before March 17 will be automatically entered to win an All Access Prize Package.

"This is our third year for this contest, and we've had to move it from July to April and now March because the races keep filling up so fast. We didn't dare wait until after the April 2 price increase because we think we'll already be closed out," said Molly Loudon, Air Force Marathon Race Director.

Currently, marathon registration numbers are double that of 2011's pace.

"At this rate, we are encouraging everyone to register now rather than miss out," Loudon said. "Runners should check our website or facebook page to keep up-to-date on our registration percentages."

The 16th annual race, which takes place on September 15, 2012, includes a full marathon (26.2 miles), a half marathon (13.1 miles) and a 10K race (6.2 miles). A 5K race (3.1 miles), hosted by Wright State University, will take place on Friday evening, Sept. 14.

Everyone who registers for any of the races through March 17 will automatically be entered into the drawing. No purchase is necessary to win. To enter without registering, send your name, address, phone number and email address to: Air Force Marathon All Access Promotion, 5030 Patterson Parkway, Bldg. 219, Rm. 106, Wright-Patterson AFB, OH, 45433.

Entries must be postmarked by March 17, 2012. Winners will be notified by phone or email by March 30.

All marathon events are open to the public and the race is a Boston Marathon Qualifying event. To register, visit www.usafmarathon.com.

Basic cable service to end April 1

Base cable TV was originally installed primarily to support the military family housing area.

Over the years, the base cable service was expanded to include several offices and common areas.

In 2010, the base cable TV service to military family housing residents was discontinued.

With no operational mission requirement and as a non-mission critical function, base wide cable television will be decommissioned effective April 1.

The elimination of base wide CATV results in savings of \$65,000 annually.

Blood drive coming March 26-30

Blood Assurance will be holding a blood drive at AEDC March 26-30. The blood mobile will be at several locations, so please mark your calendars to donate. Employees may donate at any of the five locations during work hours with approval of the supervisor.

All donors receive a free T-shirt and a snack. Donors also can register to win a weather radio.

Before donating blood please follow these helpful hints:

- Get a good night's sleep.
- Eat a meal – not just a snack – to make sure you are not donating on an empty stomach. This will help ensure that you do not get light headed or pass out.
- Drink plenty of water. Drinking 20-30 minutes prior to your donation helps



Dates & Locations

March 26 – ETF	March 29 – EAF
March 27 – PWT	March 30 – Main cafeteria
March 28 – A&E	

ensure you have a pleasant experience.

To be eligible to donate you must be healthy, at least 17 years old, weigh at least 110 pounds and not have given whole blood in the past 56 days or a double red cell in the last 112 days. There is no upper age limit.

You may not give blood if you have received any notification asking you not to donate. Please bring ID or your donor card.

If you have any further questions, please call Leslie Myers BSN, RN at the Dispensary, extension 5387 or 5385.

COTE from page 1

that everyone gets smarter.

“We end up with a workforce that is actually well suited to our mission. They get more intuitive on the physics and they’re able to use tools that were not available to them in the past. So, the ultimate goal here is not the pieces that we get or even the validation of the research, although that’s a great outcome. We end up with a workforce more suited to the future – it’s a workforce revitalization effort, by design.”

Marren added, “It’s just the beginning and we have much to do but based on the success of this pilot, OSD may decide to expand it, first of all to the rest of hypersonics and then to other speed regimes, to where every test center could be paired with researchers this way.”

Marren explained why Tunnel 9 and the University of Maryland were chosen for this COTE program.

“The USAF evaluated areas that are critical right now, and hypersonics was a hot area,” he said. “They thought hypersonics was an excellent place to make an impact, and AEDC had exactly the right capability in Tunnel 9. Since the facil-

ity was already a critically necessary facility and the University of Maryland is a world-class research center in the area of hypersonics, it was a natural pairing.”

Dr. Lewis said the COTE program offers unparalleled opportunities.

“Everyone involved benefits – students are receiving an unparalleled educational experience [and] associated faculty are seeing their research work applied directly to real problems,” he said. “And the current wind tunnel staff has the opportunity to work with students, whose fresh minds and unspoiled perspectives are simply energizing; and the USAF and DOD will benefit in having highly-qualified students with the motivation and skills to effectively support the test and evaluation enterprise. Both AFRL and AEDC will benefit as well, as this center is providing a link between the two organizations.”

Marren said the first “tangible” payoff of the program at Tunnel 9 will involve specific challenges of hypersonic flight regimes.

“The original proposal had six topics over the next six or seven years,” he said. “The first topic was under-

standing turbulence. In hypersonics, two significant challenges are transition and characterizing wake flow and drag. Better understanding turbulence can lead to more accurate transition predictions.

“When we design systems, boundary layer transition will impact performance directly. Creating tools that can reliably predict transition is a high payoff, and understanding turbulence at these speeds will get us there. We can design an experiment that investigates transition and collects data to understand turbulence; it will fit both goals. There will be a test article designed and fabricated this year, based on the research that was defined last year.”

Marren said the test article would be a cone model, resembling a re-entry vehicle’s nose.

“This model would be specifically designed to interrogate the physics of turbulence, and the instrumentation used on this cone would be relevant and adequate to describing the physics,” Marren said. “At the end you would get measurements that could validate theories that then would be useful to re-entry vehicles in the future.”



Above, Kevin Ryan, a University of Maryland student, explains important aspects of his research to Edward Greer, TRMC program manager for test, evaluation, science and technology, at the Jan. 31 Centers of Testing Excellence (COTE) pilot program kickoff at the Hypervelocity Tunnel 9 facility in Silver Spring, Md. Below, Tunnel 9 Director Dan Marren was the tour spokesman. Participants (left to right) included Michael Kendra, Eric Marineau, Edward Greer, Derrick Hinton, Patrick Carrick, Ricky Peters and Tom Russell. (Photos by Arnold Collier)



AFMC 2011 Facility Energy Excellence Award winners announced

By Libby VanHook
AFMC Public Affairs

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — Gen. Donald Hoffman, Air Force Materiel Command commander, announced during the Energy Management Steering Group on March 6 that Eglin Air Force Base, Fla., captured first place in the command’s first Facility Energy Excellence Award. Second

place was awarded to Hill AFB, Utah, and Edwards AFB, Calif., received third place.

The award is intended to recognize efforts in promoting energy reduction, changing the energy culture, and recognizing the performance of the installation facility energy managers. Categories focused on a variety of program factors targeting cultural change,

weighted at 80 percent, and energy reduction, weighted at 20 percent. The award acknowledges outstanding accomplishments from January 2011 through December 2011.

The cultural change components being judged covered various indicators including program leadership, action plans, energy investments and energy awareness. ‘Culture change’

continues to be one of three pillars of the Air Force vision to ‘make energy a consideration in all we do.’ The other pillars are ‘reduce demand’ and ‘increase supply.’

The energy reduction component was assessed by measuring the actual reduction in energy intensity as reported to the Air Force Civil Engineer Support Agency, and compared with the previous year’s consumption.

“Each of these installations built a robust energy management program focused on implementing energy conservation opportunities and emphasizing stewardship to impact energy awareness at the point of consumption,” said Paul Parker, AFMC Director of Communications, Installations and Mission Support. “These efforts are commendable and result in both

energy and financial savings for the command.

“This competition was about more than just statistics,” he said. “It’s about conserving energy, reducing demand and changing culture, resulting in the reduction of our energy footprint while also helping to improve our energy security posture. Together, let’s continue to make energy conservation a consideration in all we do.”

AFLCMC planning tempo quickens

By Derek Kaufman
88th Air Base Wing Public Affairs

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – The “champion” shepherding planning for the standup of the Air Force Life Cycle Management Center (AFLCMC) says input from the workforce is critical for the proposed new organization to be successful.

Col. Art Huber, vice commander of the Aeronautical Systems Center at Wright-Patterson Air Force Base, is overseeing the monumental planning effort to be ready for the planned initial operational capability of AFLCMC by Oct. 1, 2012.

“We’re forging the foundation for this new organization now and we have a responsibility to both America’s warfighters and taxpayers to do this right,” Huber said. “Our core planning team has considerable cross-functional experience located at bases across AFMC. However, they need participants with good ideas, questions and concerns to share them.”

Huber noted some 500 professionals are on the teams working to define roles and responsibilities and ready to execute the tasks to stand up an entirely new organization.

“We’re doing so with a vision to develop a single center responsible for total life cycle management of weapon systems,” he said.

One thing the colonel wanted to make absolutely clear is the AFLCMC’s organization and approach will be completely new.

“The AFLCMC will be an entirely new unit, rather than one that inherits its lineage from any of its constituent predecessors,” Huber said. The new unit will include some 26,000 people located at 75 geographic locations.

As part of a command-wide restructure, Air Force



A re-winged A-10 Thunderbolt II is rolled out during a ceremony Feb. 15 at Hill Air Force Base, Utah. Officials at bases across Air Force Materiel Command are hard at work readying for a command-wide restructure to cut overhead costs, make every defense dollar count and support the warfighter. The Air Force Life Cycle Management Center, a new organization to be headquartered at Wright-Patterson AFB, Ohio, will lead integrated, cradle-to-grave life cycle management of Air Force weapon systems like the A-10. (U.S. Air Force photo/Alex Lloyd)

Materiel Command officials announced Nov. 2, 2011, plans to consolidate certain missions and activities, reducing the number of centers from 12 to five. The plan aims to reduce overhead costs and redundant layers of staff and is expected to generate \$109 million annually in Air Force savings. The Air Force announced the nomination of Lt. Gen. C.D. Moore II, AFMC vice commander Feb. 29 for appointment as commander of AFLCMC.

AFLCMC will have oversight of missions now performed by the Aeronautical Systems Center at Wright-Patterson AFB, the Electronic Systems Center at Hanscom AFB, Mass., the Air Armament Center at Eglin AFB, Fla., and three Aerospace Sustainment Directorates located at Robins, Hill, and Tinker AFBs. The entire workforce of these organizations will report to the AFLCMC, eliminating layers of management overhead.

Joining AFLCMC will be the Air Force Security Assistance and Coopera-

tion Directorate, formerly the Air Force Security Assistance Center. It will continue the foreign military sales mission from its Wright-Patt location. Additionally, AFLCMC will include a newly designated Propulsion Directorate lead at Tinker AFB. This directorate will oversee engine acquisition work performed at Wright-Patterson and engine sustainment work accomplished at Tinker.

Program offices that today are organizationally aligned under aeronautical sustainment directorates at the three air logistics centers will report to program executive officers at AFLCMC acquisition directorates, Huber said. The 66th Air Base Group at Hanscom AFB and the 88th Air Base Wing at Wright-Patterson will report to AFLCMC.

“Under the new organizational construct, it’s important to note that the fundamental acquisition and sustainment processes that we execute will not change initially,” Huber said. “However, who executes these processes and

the ‘touch points’ between locations and between centers will change in many instances. Over time, we hope to standardize them across the center and continuously improve them.”

Planning teleconferences and integration meetings between AFLCMC implementation team members are ongoing. An Integrated Master Schedule has been created to help document, prioritize and phase tasks, once the implementation decision to proceed is finalized.

“As we consolidate functional responsibilities, we will need to ensure the resources are in place to take on the mission. We need to be careful not to duplicate efforts. We need to ensure that reporting chains make sense and are consistent with statutory requirements. We need to ensure we don’t create functional stovepipes or processes that limit flexibility of program managers and program executive officers to make those critical decisions related to requirements, test, performance, cost and schedule,” Huber said.



Fellows nominations due by March 23

AEDC is currently accepting nominations for the 2012 Fellows Program with submissions due no later than March 23.

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 center’s highest honor to a grand total of 72 individuals (Fellows, Lifetime Achievement Fellows and Honorary Fellows).

AEDC Fellows nominations may be submitted by any present or former AEDC government or operating contractor/subcontractor 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 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. 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 Historian David Hiebert at (931) 454-4203. Nominations must be submitted in written form with supporting materials to: AEDC/CZ, 100 Kindel Drive, Suite A327, Arnold AFB, TN 37389-1327.

Developmental education application deadlines set

By Debbie Gildea
Air Force Personnel, Services and Manpower Public Affairs

JOINT BASE SAN ANTONIO-RANDOLPH, Texas (AFNS) – Applications for intermediate and senior developmental education (IDE/SDE) for officers are due April 9, Air Force Personnel Center (AFPC) officials said.

Civilians interested in basic developmental education or intermediate and senior developmental education will need to turn in their applications by May 1.

Basic civilian programs include squadron officer school, education with industry and others. Intermediate programs include the Air Command and Staff College, Air Force Institute of Technology, international services program opportunities, and a variety of fellowship and internship programs. Senior programs include Air Force and defense fellowships, Army War College, Air Command and Staff College with an Air War College follow-on, international services senior development program opportunities and more.

Requirements and eligibility vary depending on the program, so applicants should carefully review the program guide before preparing application documents, said Maj. Cotina Jenkins-Sellers, the AFPC Officer Developmental Ed-

ucation Branch chief. **Officer Application Process**

IDE and SDE are part of the Air Force education continuum which helps develop strategic thinkers capable of leading the Air Force into the future, Jenkins-Sellers said.

Officers use their AFPC secure web-based 3849 form to apply for developmental education, as in past years. Eligible officers and raters will be able to access the form March 8 through April 9.

“The web-based 3849 is only accessible to IDE/SDE eligible officers and senior raters,” Jenkins-Sellers said. “It is on the AFPC secure website, so eligible officers should log in and click on the IDE/SDE icon to access it. Then, follow the site’s instructions to complete the form.”

Candidates may apply for up to five IDE or SDE programs, and must be nominated by the senior rater to compete for development team and Air Force Developmental Education Designation Board consideration. Candidates must also ensure their Airman Development Plan is up-to-date, the major said.

“If you haven’t updated or used your AFPC secure account in the past 120

days, you need to make sure it’s accessible or re-establish your password and register your common access card as soon as possible to avoid delays,” she advised.

All resources necessary to complete the application package are available on the Air Force Personnel Services website, under the officers’ force development section.

Civilian Application Process

Civilian developmental education is also part of the Air Force education continuum designed to develop leaders, said Susan Lang-Krudwig, the AFPC CDE program manager.

“Our goal is to ensure

promising employees are able to pursue developmental education that suits their goals and supports Air Force mission needs,” Lang-Krudwig said.

This year, approximately 700 candidates between GS-07 and GS-15 will be selected for basic developmental education, intermediate developmental education or senior developmental education with funding provided by the AFPC Leadership Development Office, she said.

Civilians must be nominated for CDE by their leadership and endorsed by their chain of command. Once an employee receives an endorsement, the nomination package must be submitted

by the employee through AFPC, unlike previous years when an employee or their major command mailed the hard copy application. Upon submission, the employee will receive confirmation that the nomination was received.

“This process also allows the nominee to use the question box in the submission area to begin a dialogue with the AFPC leadership development staff about their package,” Lang-Krudwig explained.

Nominations must in-

clude, at minimum, a resume (in the mandated format), CDE checklist, and the Air Force Form 4059 with proper endorsements. Other documents may be required depending on the program.

For more information about developmental education programs, to access application documents, resources and submission instructions, or for information about other personnel issues, go to the Air Force Personnel Services secure website at <https://gum-crm.csd.disa.mil>.

New fuel delivery system at Langley could save millions

By Tech. Sgt. Randy Redman
633rd Air Base Wing Public Affairs

LANGLEY AIR FORCE BASE, Va. (AFNS) – Airmen here are testing a new fuel delivery system that officials say could revolutionize flight-line operations and save the Air Force millions of

dollars. The new Hydrant Mobile Refueler (HYMORE) has been in development for roughly a year and a half, and it could be implemented throughout the Air Force in 2012, according to the

633rd Logistics Readiness Squadron fuels management superintendent.

“We’ve added a hydrant connection that we can connect to our Type 3, constant-pressure hydrant system, which will allow us to be able to pump fuel directly from the hydrant system, through the (truck), go-

ing straight to the aircraft,” Senior Master Sgt. Patrick Smith said.

In other words, where the R-11 fuel trucks normally pump fuel from their tanks into waiting aircraft, this modification allows the fuel truck to simply serve as a connection point and filter. The fuel stored in under-

ground tanks will travel directly into the aircraft being serviced. One of the major hurdles this modification addresses is servicing heavy aircraft not assigned to Langley.

“When we have large-frame aircraft that come in, and they’re not parked directly on the pits where

we can use the pantograph, we can bring the HYMORE truck out,” Smith said. “This truck will be able to pump as much fuel as our system is able to push to it.

“We are here testing a lot of great ideas for the fuels arena,” Smith added.

See **FUEL**, page 7

Fifth generation fighters crucial to air superiority

By Tech. Sgt. Jess Harvey
Air Force Public Affairs Agency

WASHINGTON (AFNS) – The Air Force is the world’s most advanced air and space force and, with the integration of fifth generation aircraft, is gaining new tactical advantages that transcend beyond just stealth into areas such as enhanced maneuverability, multi-role capabilities and fused sensor and avionics systems that can communicate with other weapons systems.

That’s why it is imperative that U.S. forces continue to develop and begin to use fifth-generation fighters as they transition to the new Pacific-based strategy, according to Lt. Gen. Herbert J. “Hawk”

Carlisle, Deputy Chief of Staff for Operations, Plans and Requirements, Headquarters U.S. Air Force.

During the Air Force Association monthly breakfast here Feb. 28, he said fifth-generation fighters, such as the F-35 Joint Strike Fighter and the F-22 Raptor, are critical to maintaining air superiority and global precision attack core competencies.

“The threat environment is continuing to grow, so as we look at how we’re going to maintain those competencies in the future, that’s where fifth generation fighters come in,” he said. “It’s not just about stealth.”

“The F-22 is better than any other aircraft in the world at air-to-ground except for the F-35, and the F-35 is better than any other aircraft in the world at air-to-air except for the F-22,” said Carlisle.

The general said the Air Force can continue to maintain the most elite fourth generation aircraft in the world, but that won’t prepare the U.S. to handle threats in the future.

“Our Air Force has got to keep evolving to meet these new challenges as we move forward into the future,” said Carlisle.

To illustrate this evolution and fifth generation fighter jet technology, the general shared a scenario in which an F-22 data-



links coordinates to a Navy submarine-launched tomahawk missile onto a target. “Now you have two stealth platforms, a submarine and an F-22, communicating with naval ordnance,” he said.

That level of interoperability is a large part of what makes the fifth

generation aircraft so vital to the Air Force and U.S. military in general, he added.

Aircraft must not only be stealth, but also be highly maneuverable, be able to conduct multiple roles, and these aircraft must also be able to handle sensor and avionics information in a network

integrated way not only for the pilot, but for the entire joint force.

“We have to have a fused system capability and have them networked and integrated across the force,” he said. “To me, that’s as important on a fifth-generation fighter as anything.”

FUEL from page 6

“Langley has been a test base for many years, but this is the one that we are hanging our hat on. Time and money is what we are really excited about with this new HYMORE, and it’s already proven itself here at Langley.”

The 633rd LRS is responsible for all the fuels disbursed on the base, whether ground products like gas or diesel, or jet fuel designated for use in Langley AFB’s fighter jets. Fuels management personnel receive, test and distribute fuel as needed, 24 hours a day, seven days a week.

Master Sgt. Joseph Eveson, the 633rd LRS Fuels Management NCO in charge of facilities, said on any given day, fuels management services about 40 aircraft, including Langley AFB’s fighters and any transient aircraft. Fuels management has 14 R-11 fuel trucks to service the aircraft and two trucks designated to service ground vehicles.

“With a standard R-11, you can issue 6,000 gallons, and then you have to come back and fill your truck,” Eveson said. “With the HYMORE, you’re only limited to capacity of the hydrant system – up to 900,000 (gallons) here at Langley.”

“Langley is currently the only place that has the system attached to the trucks,” he said. “They are in the process of putting them on out at Nellis (Air Force

Base, Nev.). If all goes well at Langley and Nellis, they are going to take them out to the desert.”

Eveson said the HYMORE saves time and money, it’s easier to use and takes fewer people to set up.

“If we’re using the pantograph, you have to take the additional piece of equipment and tow it out to the flightline,” Eveson said. “You have to hook it up, drive five miles an hour to the aircraft, and it takes two people to set up. Once you’re done, it takes two people to take it all apart and drive it back to its spot. With the HYMORE, you can just send one operator with his truck out to the aircraft.”

Eveson said once the system is approved for use Air Force wide, each base would have the option to purchase fuels hydrant service vehicles with the HYMORE modification.

“Instead of buying a new R-11, an R-12 and a pantograph, they could buy an R-11 and get the HYMORE attachment as an add-on,” Eveson said. “A pantograph costs about \$130,000; an HSV costs about \$200,000. The HYMORE costs about \$18,000; so you’re looking at saving hundreds of thousands of dollars.”

Eveson said another benefit of the modification is that it requires almost zero training for the refu-

eling operators because it is such a simple piece of equipment to operate.

Senior Airman Lloyd Nau, a 633rd LRS refueling operator, works out of the fuels management section on the northern end of the flightline. He said using the trucks with the modification can save 45 minutes to an hour for every fueling operation.

“The biggest benefit would be that it stops us from having to come all the way back here to fill up our truck, and then go all the way back out to the aircraft and hook back up to it,” Nau said. “We can stay on the aircraft the entire time and refuel it.”

Smith said the Air Force would consider the HYMORE a success once it determines trucks with the modification can service aircraft at the same rate, or better, than the current equipment can. He said since 633rd LRS personnel have already done that, now it’s just a matter of working out the details.

“The next step would be that we would have this on the next (purchase),” Smith said. “That’s why we are testing hot and heavy here at Langley, because we are trying to get the data and provide it to the engineers. We’ve already leaned way forward on this, and it is something you are probably going to see before this year is out.”



Royal Air Force Senior Craftsman Mark Butler, an avionics technician, attaches Hydrant Mobile Refueling equipment to an E-3 Sentry aircraft at Langley Air Force Base, Va., March 7. Personnel at Langley AFB are testing the new fuel delivery system, which officials say could revolutionize flightline operations and save the Air Force millions of dollars. (U.S. Air Force photo/Airman 1st Class Kayla Newman)

Team Edwards member becomes first female active duty weapons chief in AF

By Laura Mowry
Eglin AFB Public Affairs

EDWARDS AIR FORCE BASE, Calif. – This year, Women’s History Month will have special meaning to Christine Beaudion, 412th Maintenance Group Weapons Standardization Section superintendent.

Creating history of her own, she reached an impressive milestone Feb. 29 when Team Edwards promoted her to the rank of chief master sergeant and by becoming the first active duty female weapons chief in the Aircraft Armament Systems career field.

Beaudion’s long-time goal of becoming a chief master sergeant was accomplished nearly 24 years to the day after she began her career in the United States Air Force.

“This is a goal I’ve had for a long time and I am so thankful to everyone who helped me get here,” said Beaudion. “No one gets here without support - Airmen, officers, civilians and, of course, the chiefs. I am extremely thankful for all the support over the years. I’ve truly learned something from everyone.”

Beaudion set her goal to become chief early in her career when she noticed the lack of female leadership on the flightline and specifically in her career field.

“I’ve spent my career doing maintenance on the flightline and in maintenance there were not a lot of female role models,” she said. “In fact, over the

years, the Air Force saw more women in nontraditional roles in maintenance and as pilots, but there was never an active duty female weapons chief.”

That lack of female leadership and mentorship motivated Beaudion to one day be in a position where she could serve as a role model to young Airmen and also function as a positive change agent.

“I’ve always approached things with a ‘how can we make it better’ attitude. Whether we’re developing a new weapons system, improving day-to-day processes, or I’m giving advice to young Airmen,” said Beaudion. “I always want to make things better.”

Throughout her 24 year career in the USAF, Beaudion maintained a track record of excellence and continued “to make things better.” In fact, numerous times she has stepped up and performed duties beyond her rank.

“This is an incredible achievement for Chief Master Sgt. Beaudion,” said Chief Master Sgt. Christopher McCollor, 412th Test Wing command chief. “This is a direct result of the continuous excellence demonstrated throughout her career. I am confident that we will continue to see great things from her.”

Beaudion’s responsibilities at Edwards include setting standards, developing policies and procedures for weapons loading on eight weapons platforms, and interpreting technical data and directives govern-

ing the weapons standardization program.

“Her impact extends so far beyond the scope of Edwards,” said McCollor. “The weapons systems developed under her supervision and guidance play a critical role in supporting the warfighter and allowing the Air Force to be successful in combat.”

As superintendent of the 412th MXG Weapons Standardization Section, Beaudion works at both the tactical and strategic levels to increase safety, improve effectiveness, and streamline processes for aircraft armament systems. She reports to the Wing Weapons Manager, Chief Master Sgt. Thomas Diaz.

“She is phenomenal at her job, both at the tactical and strategic levels. She really strives to make things better and is incredibly successful in doing so,” said Diaz. “Above all else, she never forgets that she works for the United States Air Force and the critical role she plays in developing technology to support the warfighter. As I get ready to retire, I am fully confident in her ability to step up as Wing Weapons Manager here at Edwards.”

Beaudion attributes her success to the remarkable people she met along the way, including her husband and best friend of 24 years, Patrick.

“I would never be where I am today without Patrick’s continual support,” she said. “Since we’re both in the same career field, we had the privilege of traveling and learning together throughout our careers.



Chief Master Sgt. Christine Beaudion lines up the bomb lift truck to pick up a GBU-38, Joint Direct Attack Munition for a B-1B load Mar. 5, 2012, during routine training. As superintendent of the 412th Maintenance Group Weapons Standardization Section, it is Beaudion’s responsibility to evaluate munition load crews on a monthly basis for their proficiency requirements. (U.S. Air Force photo/Laura Mowry)

Whether I need a sound board for ideas, a reality check, or time with my best friend; he has always been there for me.”

For Patrick, witnessing his wife and best friend of 24 years accomplish her goal of becoming a chief master sergeant in the Aircraft Armament Systems career field, it was nothing short of pure elation.

“I am incredibly proud of Christine for reaching her goal; I know it hasn’t always been easy,” Patrick said. “Having the privilege of watching her overcome the adversity she faced along the way, I really can’t put into words how

happy and proud I am. I know she will continue making great contributions to the Air Force and the Airmen who serve.”

Beaudion began her Air Force career in March of 1988 with the Strategic Air Command at Anderson AFB, Guam.

Since then, she has been stationed at locations in Louisiana, Idaho, Florida, South Korea and California.

Throughout her career, she has received numerous awards, decorations, and achievements. She has been awarded the Meritorious Service Medal with three oak leaf clusters, the

Air Force Accommodation Medal with one oak leaf cluster and the Air Force Achievement Medal with four oak leaf clusters.

Beaudion also has received the Military Outstanding Volunteer Service Medal and the 12 Outstanding Airmen of the Year award in 2001 from the 19th Air Force, Air Education and Training Command.

Among her numerous achievements, Beaudion received the Noncommissioned Officer Academy’s John Levitow Award in 2001 and the Air Force Flight Test Center’s Lance P. Sijan Award in 2010.

National Agency honors AFRL propulsion director for tech transfer success

By Laura Dempsey
Air Force Research Laboratory

WRIGHT-PATTERSON AFB, Ohio – His name may be on the award, but Douglas Bowers is quick to downplay his role in winning it.

As the newly crowned Federal Laboratory Consortium Laboratory Director of the Year, Bowers, director of the Air Force Research Laboratory’s Propulsion Directorate (RZ), is quick to give credit to the entire staff.

“Let’s be clear on this,”

he said. “This is definitely a directorate award. The work we do here is why we got the award. I help set the environment, encourage the workforce and provide support, but it’s the work they do that merits this attention.”

The honor recognizes excellence in Technology Transfer, a valuable and essential part of AFRL’s focus.

Tech transfer ensures that research, facilities,

systems, and personnel are shared among research labs, universities and industry; it’s the system by which developing technologies become commercially viable.

Tech transfer benefits all, and stretches research dollars by eliminating duplication and facilitating collaboration – a priority for today’s AFRL.

Kristen Schario, RZ’s Technology Transfer Manager, nominated Bowers for the award. The Federal Laboratory Consortium (FLC) asked for the

“best example of technology transfer,” requiring Schario to narrow down RZ’s contributions to the one she believes has the most impact - alternative fuels.

Development of alternative fuels has far-reaching payoffs, and the Air Force, whose jet fuel consumption makes it the largest consumer of energy in the federal government, has an obvious vested interest – as well as a public responsibility – to pursue its development.

Commercial airlines

use far more jet fuel than the Air Force, however, so their engagement in alternative fuel research makes sense for all concerned. Through tech transfer programs such as those at AFRL/RZ, industry, government and academia come together to share resources and, ultimately, the spoils of research success.

Schario’s nomination package makes note of Bowers’ role in the approval of Hydroprocessed Estes and Fatty Acids for use as 50/50 blends by the American Society for Testing and Materials (ASTM). This significant achievement came on the heels of the success of Fischer-Tropsch, which, in September 2009, became the first class of alternative jet fuel blends to be approved by the ASTM.

Ric Trotta, who chairs the FLC’s National Advisory Council, called the award “kind of a big deal. You have people on the advisory council who’ve been lab directors, senior people from government,

industry and academia – it’s a peer review,” he said.

“It’s difficult to pick winners, because they’re all excellent,” Trotta continued. “The thing that stands out for Mr. Bowers is the work (in RZ) on alternative fuels. The economic impact was a big thing ... The President wrote a memo few months ago emphasizing tech transfer for improving the competitiveness of the United States. The economic impact on our competitive position is a very big deal.”

This award, presented to Bowers for his work with the Propulsion Directorate, arrives in the midst of AFRL’s merging of the Propulsion and Air Vehicles Directorates into one, with Bowers its director.

“It’s an exciting time, a challenging time,” he said. “We’re looking at how we do everything and we’re going to end up with the absolute best practices in the newly merged directorate.”

Arnold's finest honored at annual awards banquet

AEDC Airman of the Year and Honor Guard Member of the Year



Senior Airman Tara Kindermann
Financial Services Technician, Financial Plans and Programs

Noncommissioned Officer of the Year



Tech Sgt. John Bankston
NCOIC, Customer Service and Support, Financial Plans and Programs

Senior Noncommissioned Officer of the Year



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

Company Grade Officer of the Year



Capt. Brandon P. Herndon
Assistant Director of Operations, Space and Missile Ground Test Complex

AEDC Civilian of the Year



Sue Sipe
Clerical/Technical Support

AEDC Civilian of the Year



Dan Wyman
Administrative

AEDC Civilian of the Year



Randy Quinn
Scientist/Engineer

ATA Team Member of the Year



Chad Bloom
Information Technology and Systems, Process Improvement

ATA Team Member of the Year



Pamela R. Farris
Future Research Corporation, Administrative NES

ATA Team Member of the Year



Daniel Henley
Facilities Operations and Maintenance, Program/Project Management

ATA Team Member of the Year



Brad Walker
Support Services, Administration

ATA Craft Team Member of the Year



Charles Scott
Support Services

ATA Customer Service Team Member of the Year



Rick Goodfriend
Information International Associates Support Services, Internal Customer

ATA Customer Service Team Member of the Year



James T. Thompson
Integrated Test and Evaluation, External Customer

ATA Technical Award Winner of the Year



AI Milhoan
Information Technology and Systems, Engineering Design

ATA Technical Award Winner of the Year



Joseph D. Norris
Integrated Test and Evaluation, Science and Technology

ATA Technical Award Winner of the Year



Clement Keith Holt
Investments, Technical Project Leader

ATA Technical Award Winner of the Year



Doug Garrard
Integrated Test and Evaluation, Engineering Analysis

ATA Technical Award Winner of the Year



Scott Wieland
Investments, Engineer of the Year

AEDC Safety Achievement Award



Howard Nichols
Facilities Operations and Maintenance, Boilermaker

William M. Dunne
People's Choice Award



Russell Roosa
Safety Professional
ATA Safety

General Lee Gossick Team Excellence

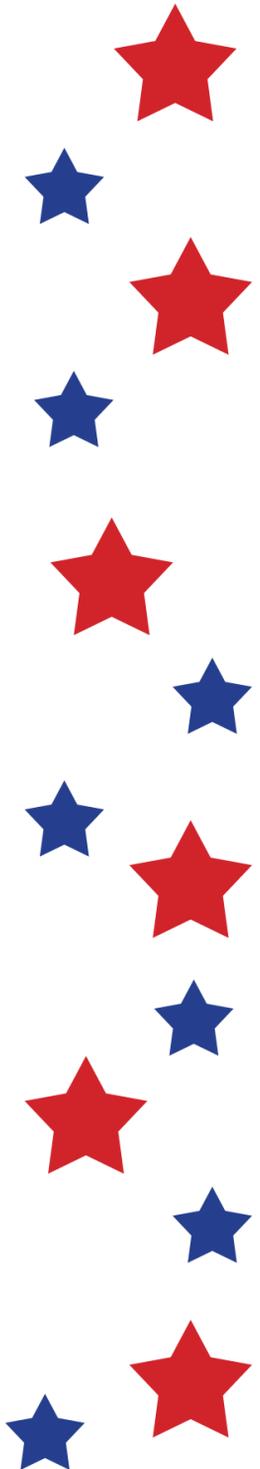


B-52H Wind Tunnel Model Team
Doyle Veazey, Team Leader, Integrated Test and Evaluation

AEDC Technical Achievement



APTU Improvement Team
George T. Myers, Team Leader, Investment



F-35's launch first step to future air dominance

By Chrissy Cuttita
Team Eglin Public Affairs

EGLIN AIR FORCE BASE, Fla. – No matter what uniform they wear, service members of the 33rd Fighter Wing know the launch of the first F-35 Lightning II flight here March 6 is a small step into the next half century of air dominance.

Morale was high even though the sortie was abbreviated by the pilot's determination of an "in flight emergency."

"Our first sortie is truly a milestone for the program," said Col. Andrew Toth, 33rd FW commander. "Unfortunately things happen. We didn't want it to happen today, but we were prepared. Our pilot did the exact right thing in returning the jet back to Eglin. Although there were issues we are doing whatever we can to move the program forward safely and effectively."

Pilots and maintainers will meet later today to discuss the potential fuel leak finding that caused the

precautionary end of the sortie at 15 minutes versus the 90 minutes scheduled to be airborne to complete the operational check flight.

"We met both objectives today; get the aircraft airborne and start local area operations," said Lt. Col. Eric Smith, the Air Force's first F-35 pilot who tested the aircraft at Edwards AFB, Calif. "Our team did the most conservative thing by deciding to bring the plane back. We trained for this many times in the simulator for this exact reason."

The crowd on the flight line present for take-off kept the cheers for their integrated team's first aircraft launch and feel the day was still a success.

"It's a wonderful experience to know I made history launching the first F-35," said Staff Sgt. Jeremy Houser, 33rd Aircraft Maintenance Squadron, who saluted Smith in the cockpit before the jet taxied down the ramp.

Maintainers have been preparing for today's launch with engine runs



Above, the F-35A Lightning II joint strike fighter lifts off for its first training sortie March 6 at Eglin Air Force Base, Fla. It's the first flight of any 33rd Fighter Wing F-35 since their arrival to the base. Right, Lt. Col. Eric Smith, the 58th Fighter Squadron director of operations, secures his helmet for testing prior to stepping to the F-35A Lightning II joint strike fighter for its first-ever training sortie. Smith is the first Air Force pilot qualified to fly the F-35. (U.S. Air Force photos/Samuel King Jr.)

and taxi operations for approximately eight months since the aircraft began arriving here last summer. Utilizing virtual trainers, developing pilot curriculum and hosting small group tryouts has been the focus of personnel to ready

themselves for flight operations to come.

"This is our execution year," said Toth, who is proud of his team for laying the foundation to get the nation's training program ready to go. "The cohesion we developed between the services make this not just about the Air Force, but about the wing's program to launch the F-35A as a baseline for the JSF program's future. It's taken the entire team, all services and contractors to build this up. Had the partnership not been there, I don't think we'd be here today."

Since 2009, Air Force, Navy and Marines sent their best aviators and aircraft mechanics to develop the next generation warriors of the joint strike fighter program here.

"I can't wait until we fly more and show our stuff to the world," said Senior Airman Arthur Verchot, 33rd Aircraft Maintenance Squadron crew chief launch assistant.

More pilot students will flow into the program at the right time so the wing



has the correct number of people in each phase of the program. With people as the main training product, the 33rd FW focuses on preparing for an anticipated 2,200 students a year and 900 "on campus" at any given time at full capacity.

According to Air Education and Training Command (AETC), they are taking an event-driven approach to assess when to begin transitioning the entire JSF training system, including the aircraft, to a

point where the wing can initiate the training syllabus.

"We will continue to make steady progress towards our goal of standing up a world class training program at Eglin," said Gen. Edward Rice Jr., commander of AETC, who approved F-35 flight operations to begin shortly after the Air Force Aeronautical Systems Center awarded an airworthiness certificate to the service for their variant of the joint strike fighter.

FY 13 military construction requests outlined to Congress

By Tech. Sgt. Richard A. Williams, Jr.
Air Force Public Affairs Agency

WASHINGTON – Assistant Secretary of the Air Force for Installations, Environment and Logistics discussed military construction projects contained in the service's fiscal 2013 President's Budget request during a congressional hearing March 8.

"Our FY13 budget request responds to two main drivers: The Budget Control Act that the Congress passed last year and the new defense strategic policy the president and Secretary (Leon) Panetta announced in January," Terry Yonkers said.

The Air Force looked at every possible way to reduce expenses and made some difficult decisions to achieve the services share of \$487 billion in defense

savings mandated by the Budget Control Act, Yonkers said.

"We are focusing investments in the critical infrastructure needed to sustain our air bases and quality of life for our Airmen and their families," he said.

The Air Force is placing infrastructure emphasis toward the most mission critical facility structures, Yonkers said. He emphasized facility modifications related to the beddown of F-35 Joint Strike Fighter and MC-12 Liberty programs and standing up of an additional B-52 Super Fortress squadron at Minot Air Force Base.

The Air Force also looks to reduce its energy footprint by demolishing older, energy inefficient buildings and upgrading facilities



with more energy efficient infrastructure systems, Yonkers said.

"As funding for military construction has become more austere, we have made a deliberate effort to build only where existing capacity is not available or where cost-benefit analysis validates demolishing aging facilities and construction of more efficient and functional replacements," Yonkers said.

The Air Force requests

\$3.9 billion for military construction, military housing and facility sustainment, restoration and modernization, and Yonkers points out military construction is \$442 million, a reduction of \$900 million from fiscal 2012.

"We also continue to emphasize first-class housing and strive to improve the overall quality of life for our Airmen and their families," Yonkers said.

To meet this quality of

life effort, the Air Force is asking for \$580 million for dormitory improvements and recapitalization for single Airmen, and will keep the service on track to complete stateside family housing privatization and upgrades to overseas housing, Yonkers said.

To meet environmental compliance requirements, pollution prevention and continuing environmental cleanup efforts, the Air Force needs \$1.1 billion, Yonkers said.

"Last year we implemented a new cleanup policy that relies on a firm-fixed price, performance based contracts," Yonkers said. "Employing this new method has already resulted in 20 percent cost avoidance while closing sites three times faster."

The Air Force recognizes it is operating in challenging fiscal times,

and possible sequestration would make challenges more difficult, he added.

"We will continue to look at every aspect of our operations and aggressively pursue efficiencies to reduce our cost of doing business without sacrificing readiness or quality of life programs for our Airmen," Yonkers said.

Yonkers joined Deputy Secretary of Defense (Installations and Environment) Dr. Dorothy Robyn; Assistant Secretary of the Army (Installations, Energy and Environment) Katherine Hammack and Assistant Secretary of the Navy (Installations, Energy and Environment) Jackalyn Pfannenstiel during testimony before the House Appropriations Committee's Subcommittee on Military Construction, Veterans Affairs and Related Agencies.

Osprey undergoes electronic warfare testing



A CV-22 Osprey, flown by the 8th Special Operations Squadron, hangs in the anechoic chamber at the Joint Preflight Integration of Munitions and Electronic Systems hangar March 6 at Eglin Air Force Base, Fla. The Osprey is currently in the chamber for approximately four weeks to test upgraded electronic warfare systems. The J-PRIMES anechoic chamber is a room designed to stop internal reflections of electromagnetic waves, as well as insulate from exterior sources of electromagnetic noise. J-PRIMES provides this environment to facilitate testing air-to-air and air-to-surface munitions and electronics systems on full-scale aircraft and land vehicles prior to open air testing. (U.S. Air Force photo/Samuel King Jr.)

Air Force achieves historic ground safety milestone

KIRTLAND AIR FORCE BASE, N.M. (AFNS) – Air Force safety officials here today announced that since Feb. 17, 2011, the Air Force has now gone for more than 12 months without an on-duty ground fatality.

After an exhaustive search of the Air Force Safety Center's safety mishap database, officials confirmed the service reached this milestone for the first time in its history.

On-duty ground safety includes industrial, occupational, sports and recreation and traffic-related activities while on the job.

"This wonderful feat is due to the unrelenting commitment by commanders, supervisors, safety professionals and Airmen at all levels to accomplishing the mission safety and effectively," Maj. Gen. Greg

Feest, Air Force chief of safety, said. "It's truly a team effort."

Bill Parsons, Air Force chief of ground safety, echoed the Air Force's commitment to a safe work environment.

"The Air Force's investment in creating safe workplaces and procedures, managing risk and eliminating hazards clearly demonstrates that it's possible, even under tough situations, to protect our Airmen from harm," Parsons said. "Airmen work more confidently and efficiently, and tragic loss to co-workers, friends and family is avoided when organizations emphasize safety."

Feest added, "I applaud the work done by all in keeping our Airmen safe. Let's apply the same vigilance when you're off-duty as well."

Jacobs scholarships available for children of ATA employees

Scholarship Management Services®, a division of Scholarship America®, is accepting applications for the Dr. Joseph J. Jacobs Global Scholarship Program. Employees with students who would like to be considered for scholarships for the 2012-13 school year must apply by April 2.

Over the last two years, the Jacobs Engineering Foundation has awarded 60 academic scholarships of \$3,000, each from more than 1,000 applications submitted.

This program was introduced in memory of our founder, Dr. Joseph J. Jacobs.

Dr. Jacobs showed a particular devotion to education and recognized the significant value of making higher education attainable for any child who sought it.

The program is independently administered by Scholarship Management Services®, a division of Scholarship America®. Scholarship America® is a nonprofit educational support and student aid service organization located in the United States.

Information on eligibility, the scholarship awards, the application, and the selection process is available on the AEDC portal at <https://ata.arnold.af.mil/ata/benefits/scholarship/scholarship.htm>.

It can be found as well as on Scholarship America's webpage for the Dr. Joseph J. Jacobs Global Scholarship Program (<http://sms.scholarshipamerica.org/jacobs>).

If you need help locating the scholarship information, please contact Laurie Winton, ATA University Programs Coordinator at 454-6686.

AF Under Secretary talks issues at Travis AFB

By Tyler Grimes

60th Air Mobility Wing Public Affairs

TRAVIS AIR FORCE BASE, Calif. (AFNS) – Under Secretary of the Air Force Erin Conaton visited here March 8 to receive a first-hand look at Travis operations, which consists of the 60th Air Mobility Wing, the 349th Air Mobility Wing (AMW) and the 615th Contingency Response Wing – a total integrated force that makes up one of the Air Force’s largest air mobility organizations.

During her visit, Conaton spoke to Airmen at an Airmen’s call and discussed a variety of Air Force issues.

In particular, she highlighted the Air Force’s recent force structure announcement and explained how the Air Force has sought the proper balance between force structure, readiness and modernization in order to protect a high-quality and ready force that will continue to modernize and grow more capable in the future.

The tough economic and fiscal environment is of concern to Air Force and Department of Defense leadership because national deficits and debt are risks to national security, she said.

“We can have the greatest military in the world, but if the economic basis of this country is weak it will not allow us to be the global power that our leaders expect us to be,” Conaton said.

Given current fiscal challenges, the Air Force must restructure itself to meet operational demands while remaining ready for combat on a new front.

The future of the Air Force depends on modernization and a new focus on efficiency, she said.

“When we looked at the strategy, we said we are going to make sure first that we are the most ready, lethal, agile force on the planet,” Conaton said. “So we are going to value things like flying hours, we are going to value maintenance, we are going to value things that ensure that at whatever size we are as a force, we are as ready as we can be.”

One aspect of DOD’s new strategic guidance released Jan. 5 is a continued

focus on the Middle East area of operations while increasing attention on the Asia-Pacific region. This new strategy should be well-suited for Travis Air Force Base, she said.

Travis is often referred to as the “Gateway to the Pacific.”

“You all know better than anyone that nobody gets anywhere without you getting them there and getting them the fuel that they need,” said Conaton.

The under secretary said that innovation and developing efficiency initiatives at the lowest operational levels are keys to mission success, especially in a time when the Air Force is working with constrained budgets.

She said Team Travis is leading the pack in both of these regards.

“Air Mobility Command has really stepped up to the plate, not only in fuel efficiencies, but more broadly,” said Conaton. “Travis has seemed to embrace tremendously the spirit of innovation and efficiency, recognizing that every dollar you are not spending on fuel or on something unproductive is a dollar you could be putting towards the real capability of your unit.”

Conaton also praised Airmen at Travis for the ground-breaking medical procedures conducted at David Grant USAF Medical Center (DGMC), their aircrew’s use of Mission Index Flying and electronic flight bags, and the flight support squadron’s success with the Food Transformation Initiative.

In the past several years, DGMC has implemented the use of a state-of-the-art, robotically-assisted, hybrid cardiovascular operating room, which offers the most advanced method for complex cardiac and vascular surgical procedures.

Meanwhile, Travis flying and maintenance squadrons recently earned \$650,000 for fuel efficiency awards and the successful use of MIF, an airborne solution software that allows pilots to adjust their flight profile in real-time to maximize fuel efficiency while meeting mission objectives. Travis aircrews have also used electronic

flight bags consisting of tablet devices to eliminate the extra weight of flight manuals on aircraft during missions which adds up to significant fuel savings.

Even though our focus has been on innovation, efficiencies, force structure, and budget cuts, we must not lose sight of the Air Force’s most important resource – it’s Airmen, said Conaton.

“No matter what, we are going to value Airmen and their families,” she said. “We are going to protect family programs and we are going to protect the personnel counts to the maximum degree possible.”



ERIN CONATON
Under Secretary of the AF visits Travis AFB

Col. Dwight Sones, the 60th AMW commander, said he was extremely pleased with the under secretary’s visit to Travis.

“This was a tremendous opportunity for our Airmen

to show senior Air Force leadership the amazing things they accomplish every day at this base,” said Sones. “It also provided them an opportunity on a very personal level to

understand the challenges our leadership face, and gave the Airmen valuable insight that leadership is working incredibly hard to protect the things they value most.”

Symposium focuses on importance of women's role

By Senior Airman Christina Brownlow
Air Force Public Affairs Agency

WASHINGTON – Air Force leaders emphasized the importance of women's role in the military at the 2012 Joint Women's Leadership Symposium March 6 here.

The Air Force key-note speakers were Lt. Gen. Janet C. Wolfenbarger, Office of the Assistant Secretary of the Air Force for Acquisition military deputy, and Maj. Gen. Margaret H. Woodward, 17th Air Force commander.

Wolfenbarger and Woodward shared their thoughts on women who serve in the military to a crowd of approximately 150 Airmen and civilians during the service specific break-out sessions. Both generals enjoy status as pioneers among women in the Air Force. While Wolfenbarger was recently nominated as the Air Force's first female four-star general, Woodward became the first woman to lead an air campaign in 2011, during Operation Odyssey Dawn.

"The women who are in our Air Force today are hungry for the opportunity to get together and have a chance to talk to others who have come before them and talk peer to peer," Wolfenbarger said.

Before last year's symposium, she thought this would single out women because of their gender and not for working hard and accomplishing the mission, Wolfenbarger realized the annual event actually serves as an encouragement to women to help re-

tain women in the military. Woodward also provided encouragement, drawing upon her experience in leadership roles to praise the women serving in today's Air Force.

"You are part of the most admired institution in America and are recognized throughout the world as Airmen of extraordinary integrity, service and professional excellence," she said during her address. "I've seen you in every corner of the planet defending America's vital national interests."

Women have to balance their responsibilities in the service with those of life and family, Woodward said.

Difficult decisions such as being geographically separated due to mission requirements were among the challenges Woodward and her husband, who is a retired brigadier general, faced.

"We love the Air Force, we love serving in it and we love each other so we had to make choices that a lot of people thought were stupid choices," Woodward said.

Every Airman will be called on to make sacrifices at some point, Woodward explained, elaborating on a key message she delivered to the symposium. Ultimately, success and successful leadership are based on trust. This means courage and integrity.

"Always be true to yourselves," Woodward said to the crowd. "Be yourself and be confident in who you are."

Exhaust inspection



Staff Sgt. Mike Radcliff, a 52nd Aircraft Maintenance Squadron crew chief, inspects the exhaust of an F-16 Fighting Falcon after a mission during Exercise Anatolian Falcon 2012 in Konya, Turkey, March 6. The U.S. and Turkish air forces are flying together during the exercise in an effort to strengthen relationships and ensure regional peace and stability. (U.S. Air Force photo/Staff Sgt. Benjamin Wilson)

JB Andrews ranked top AF-led joint base

By Airman 1st Class Lindsey A. Beadle
11th Wing Public Affairs

JOINT BASE ANDREWS, Md. (AFNS) – In an annual Department of Defense evaluation of supportive joint-basing capabilities, Joint Base Andrews was ranked at No. 1 compared to every other Air Force-led joint base as of March 1.

JB Andrews was awarded a grade of 96 percent during a Feb. 1-2 evaluation.

In order to rack and stack these newly-formed joint installations, joint bases have to meet certain joint base regulations known as Joint Base-Common Output Level Standards. JB-COLS were established by the Office of the Secretary of Defense after the 2005 Base Realignment and Closure commission helped combine

26 geographically-close military installations into 12 joint-service installations. JB-COLS help ensure that these new joint bases are meeting joint-basing and supportive services standards.

Additionally, these newly-dubbed joint bases are assigned one military department to be the lead, or host, service at each location. JB Andrews is an Air Force-hosted, or Air Force-led, joint base.

"The great thing about JB-COLS is that they clearly demonstrate what our capabilities are and how we are accomplishing our missions as a joint base," said Eric Sharman, the JB Andrews' public affairs JB-COLS reporting agent.

Another responsibility of a joint base's host service is to be the steward of the installation's real property and the sole service provider for the installation's support services. Other military de-

partments -- Navy, Marines, etc. -- on the joint base will continue to maintain and conduct their mission.

A few examples of the installation support services that JB Andrews provides include morale, welfare and recreation; airfield operations; housing and food services; grounds maintenance; and public affairs.

Emily Moore, the 11th Wing Plans and Programming program analyst and JB-COLS reporting agent, provided input on the more than 240 JB-COLS for which JB Andrews was graded.

"There are actually a lot more than 240 JB-COLS, but some are not applicable to this base," Moore said. "For instance, port services are all 'N/A' because we don't have a port on Andrews."

Even with a high mark of 96 percent, which made JB Andrews number one in Air Force-led joint bases, the installation fell short of being ranked the No. 1 joint

base for all of the DOD.

"This year we missed that mark by one percent," Moore said. "I'd like to see us achieve this distinction next year. However, what's most important is that (JB) Andrews continues to provide the best support we can for the Airmen, Sailors, Soldiers and Marines and their families who are stationed here."

JB-COLS polls are taken quarterly and are reported annually. Moore highlighted factors which might help JB Andrews improve its ranking next year, factors which may help the base achieve a desired high DOD ranking.

"I'd say first, we should continue doing what we are doing," Moore said. "... We stand out as a very successful joint base. The OSD has acknowledged that joint basing is a young and evolving program, and is one that will continue to be refined by the input provided by experts here at our installation. That said, communication is key."

**Arnold Golf Course
454-GOLF**

Check us out on Facebook! Arnold AFB Services Golf Course

The 2012 **Intramural Golf league** will begin April 16. The league will be limited to 20 four-person teams that sign up. The format is four-person team match play and a maximum individual nine-hole handicap of 13 has been established. Each team will play either Monday or Tuesday for up to 19 weeks. There will be no league play on Memorial Day and Tuesday of that week or the week of July 4th. To enter, provide your team name, names of members, phone numbers and identify the team captain. Deadline to sign up is April 6. If you are interested in participating please contact J.T. Northcutt, 454-4771, Kemp Brooks, 454-6870 or Lyle Sissom, 454-5199.

New prorated Platinum fees for 2012 season. Arnold Golf Course has established a new tier of fees for the Platinum annual rates which includes unlimited green fee, cart and range balls. Pay upfront for these fees and save \$120.

	Individual	Family
Juniors	\$750	-
E1-E4, GS1-4	\$1,085	\$1,385
E5-O3, GS5-10	\$1,395	\$1,780
O4/GS11 & above		
and Contractors	\$1,620	\$2,070
Guests and		
General Public	\$1,685	\$2,155

The **Commander's Season Opener 4-Person Scramble** is set for April 14 with an 8 a.m. shotgun start. Cost is \$25 and includes lunch. Sign up by April 12.

Mulligan's Coffee Bar & Grill is open 10:30 a.m.-2 p.m. Monday through Friday and 8 a.m.-2 p.m. Saturday and Sunday. Call ahead orders for dine in or carry out, 454-FOOD (3663).

**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 is April 6 starting 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.

Weekend dining room specials (all include two sides and salad bar):

All specials and times are subject to change without notice. Please call ahead to ensure availability and openings.

Friday 4-9 p.m.

April 6: Meatball Sub with fries, \$5.95 member, \$7.95 nonmember.

April 13: Butterfly Shrimp with fries, \$9.95 member, \$11.95 nonmember.

April 20: Fried Chicken Plate, \$9.95 member, \$11.95 nonmember.

April 27: Prime Rib for Two, \$29.95 member, \$31.95 nonmember.

Saturday 5-9 p.m.

April 7: No Dinner Special due to special function.

April 14: No Dinner Special due to special function.

April 21: Monterrey Chicken, \$10.95 member, \$12.95 nonmember.

April 28: No Dinner Special due to special function.

Last Friday Trivia Contest is 6:30 p.m. April 27. Teams can 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. Questions in random categories will be given. Prizes for top finishers.

Texas Hold 'Em Members Only Mini Tournament begins May 4 and will be every Friday through May 25 beginning at 6 p.m. in The Landing bar. There is no cost to enter, but all players must be age 18 or older. Prizes will be awarded each week to first, second and third place finishers. Tables will be created by random draw of the players present at starting time. Dinner is available from the Express or Pizza menu from 5-8 p.m.

See Briefs, page H3

Easter "Fun in the Sun" Picnic and Easter Egg Hunt

Easter "Fun in the Sun" Picnic and Easter Egg Hunt is scheduled for April 7 at the ALC.

All ages are invited to attend. The event will be held on the patio (nearest Wingo Inn) from 10 a.m.-1 p.m.

The egg hunt will begin at 10 a.m. for ages 2-12 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, baked white fish, potato salad, baked beans, bag chips, cole slaw, hot dogs, mac and cheese, pecan pie, carrot cake, cookies, tea and lemonade. Lunch will be open seating and no reservations are required.

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. The ALC will be closed on Easter Sunday.

Outdoor Rec trips set to Ocoee for whitewater rafting



Outdoor Rec has scheduled two trips, April 21 and May 12, to go whitewater rafting on the middle section of the Ocoee River.

Running through the heart of the Cherokee National Forest, this is one of America's premier sections of whitewater with some of the wettest and wildest action around.

The Ocoee River is great for beginners or the experienced rafter with over 20 continuous class III & IV rapids.

Both trips will leave at 8 a.m. and return approximately 5 p.m. and are for ages 12 and older. Cost is \$60 each per person and

deadline to sign up is April 6 and May 1, respectively. Remember to bring dry clothes to change into after rafting and money for food and beverages.

No experience is necessary to enjoy the adventure of Ocoee River rafting on the World Class Ocoee River. The guides have the reputation of being some of the most experienced and best guides on the Ocoee River and take great pride in their ability to provide guests with an action-packed, fun-filled adventure.

Ocoee River rafting will provide you with an experience you won't want to miss out on!

Daddy-Daughter Dance sign up deadline March 19

Youth Programs has planned a Daddy-Daughter Dance with the theme "Dance with Cinderella" for March 23 at the Arnold Lakeside Center from 6-9 p.m.

Cinderellas age 5-17 are invited to attend this semi-formal event with their daddy (if daddy is unavailable, another "prince" may come in his stead).

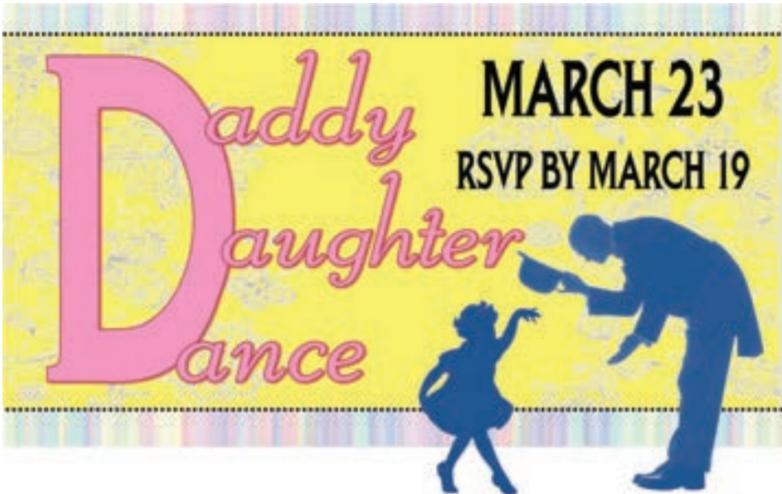
A special menu of grilled chicken breast with roasted red pepper cream sauce, wild rice, steamed vegetables, rolls and red velvet cupcakes will be served. Price is \$45 per couple for members (\$15 for additional daughters) and \$47

per couple for nonmembers (\$17 for additional daughters).

Each Cinderella will receive a tiara and carnation plus a 5x7 keepsake photo. All attending are asked to bring a picture from your younger years to share.

A D.J. will provide music and videos for dancing. There will be a special appearance by Cinderella, her stepmother and stepsisters (Lady Tremaine, Drizella and Anastasia) and Belle from Beauty and the Beast.

RSVP to Youth Programs, 454-3277, by March 19.



Administrative Professionals' Day special in Café 100 April 25

In honor of Administrative Professionals' Day, April 25, Café 100 will be giving a Services 32-ounce thermal mug with all purchases (while supplies last). These mugs may be brought back to Café 100 and used for future soda purchases at the regular 16-ounce price of \$1.25. That's twice the product for the same low price. This special is for all customers, not only administrative, so stop by and try a Starbucks coffee, slice of pizza, salad or other selection and get your free mug.

Spring Into Golf Special every day in April

Arnold Golf Course is offering a Spring Into Golf Special price of \$26 which includes 18 hole green fee, 18 hole cart fee plus hot dog and fountain soda - a \$35 value!



Arnold Golf Course Customer Loyalty Program

Purchase an annual green fee for the 2012 season and receive:

- 10 percent discount on Pro Shop merchandise
- 10 percent discount on Cart rental
- 10 percent discount on Driving Range tokens
- 10 percent discount on food/beverages at Mulligan's Coffee Bar & Grill

These discounts are good April 2012 through March 2013. Not valid in conjunction with the Members First Plus discounts. Maximum discount allowed is 10 percent. Sale items and alcohol are not authorized for these discounts.

Outdoor Rec Paintball Tournament every third Saturday

Outdoor Rec now offers monthly tournaments on the third Saturday (except July and August) beginning at 10 a.m.

Teams of four will play a single elimination tournament to test your skills until the best team arises. There must be at least one team member above age 18 and there must be at least six teams to hold the tournament.

ODR has 25 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 \$25 per person and includes a bag of 500 balls and air for the day. Cost is \$20 if you use your own equipment.

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.

Additional prizes will be awarded each month to the winning team.

Signup deadline for the tournament will be the Tuesday prior, and late registration/cancellation fees will be applied the Wednesday prior.

Regular Saturday play is 9:30 a.m.-2:30 p.m. every weekend except third Saturdays, due to monthly tournaments, and the months of July and August due to heat.

See PAINTBALL, page H2



Horizon is a Services Division publication designed to inform our customers of events and specials in Services Division activities. All program dates, times and prices are subject to change. Services Division mailing address is at 100 Kindel Drive, Suite C321, Arnold AFB, Tenn. 37389-3321

Services information written and provided by Tanya Haggard

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Services Division Phone Numbers

Area code 931 DSN 340
 Services Chief – 454-7779
 Services Deputy – 454-5915
 Community Services Flight Chief – 454-4062
 Complex Manager – 454-3367
 Arnold Lakeside Center (ALC) – 454-3350
 Arnold Lakeside Center catering – 454-3350
 Gossick Leadership Center – 454-4003

Hap's Pizza – 454-5555
 Membership Information – 454-3367
 Information Tickets, Travel – 454-3303
 Fitness Center (FC) – 454-6440
 Outdoor Recreation (ODR) – 454-6084
 FamCamp – 454-6084
 Marina – 454-6084
 Recycling – 454-6068

Family Child Care – 454-3277
 Family Member/Youth Programs – 454-3277
 Human Resources – 454-5481
 Marketing & Sponsorship – 454-3128
 Barber Shop – 454-6987
 Wingo Inn – 454-3051
 Golf Course (GC) – 454-GOLF (4653)
 Mulligan's Coffee Bar and Grill - 454-FOOD (3663)

April 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 FC Boot Camp 6 a.m. FC Cycling Class 11 a.m. FC Yoga 11 a.m.	3 ALC AEDC Woman's Club luncheon, 9:30 a.m. FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m.	4 FC Boot Camp 6 a.m. FC Pilates 11 a.m.	5 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m. ALC Dinner & Movie Night "We Bought a Zoo" PG dinner 5-8 p.m. movie 6:30 p.m.	6 FC Boot Camp 6 a.m. FC Piloga 11 a.m. ALC Meatball Sub with fries, \$5.95 member, \$7.95 non, 4-9 p.m. ALC First Friday Jam, 6 p.m.	7 ODR Paintball 9:30 a.m.-2:30 p.m., age 10+, \$35, 454-6084 ALCFamY Easter "Fun in the Sun" Picnic and Egg Hunt, 10 a.m. – 1 p.m. ALC No Dinner Special due to special function
8	9 FC Boot Camp 6 a.m. FC Cycling Class 11 a.m. FC Yoga 11 a.m.	10 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m.	11 FC Boot Camp 6 a.m. FC Pilates 11 a.m.	12 FC Cycling Class 11 a.m. ODR Team Building Showcase, Café 100, 11 a.m. – 1 p.m. FC Karate 3 p.m. FC Zumba 4:15 p.m. ALC Dinner & Movie Night "War Horse" PG-13 dinner 5-8 p.m. movie 6:30 p.m.	13 FC Boot Camp 6 a.m. FC Piloga 11 a.m. ODR Team Building Showcase, Café 100, 11 a.m. – 1 p.m. ALC Butterfly Shrimp with fries, \$9.95 member, \$11.95 non, 4-9 p.m.	14 GC Commander's Season Opener, 8 a.m., \$25 ODR Paintball 9:30 a.m.-2:30 p.m., age 10+, \$35, 454-6084 ODR MTSU Challenge Course trip, \$25, age 10+, 11:45 a.m. – 5 p.m., 454-6084 ALC No Dinner Special due to special function
15	16 FC Boot Camp 6 a.m. FC Cycling Class 11 a.m. FC Yoga 11 a.m. GC Intramural Golf League begins	17 FC Cycling Class 11am FC Karate 3 p.m. FC Zumba 4:15 p.m.	18 FC Boot Camp 6 a.m. FC Pilates 11 a.m. FC Spring Fun Run, track behind A&E, 11 a.m.	19 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m. ALC Dinner & Movie Night "The Adventures of Tintin" PG dinner 5-8 p.m. movie 6:30 p.m.	20 FC Boot Camp 6 a.m. FC Piloga 11 a.m. ALC Fried Chicken Plate, \$9.95 members, \$11.95 non, 4-9 p.m.	21 ODR Whitewater Rafting Trip, \$60, 8a.m.-5p.m., 454-6084 ODR Paintball Tournament 10 a.m., age 10+, \$25 per person, teams of 4, 454-6084 ALC Monterey Chicken, \$10.95 members, \$12.95 non, 5-9 p.m.
22	23 FC Boot Camp 6 a.m. FC Cycling Class 11 a.m. FC Yoga 11 a.m.	24 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m.	25 ALC Café 100 Admin Day special: free thermal mug with purchase (while supplies last) FC Boot Camp 6 a.m. FC Pilates 11 a.m.	26 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m. ALC Dinner & Movie Night "Sherlock Holmes: A Game of Shadows" PG-13 dinner 5-8 p.m. movie 6:30 p.m.	27 FC Boot Camp 6 a.m. FC Piloga 11 a.m. ALC Prime Rib for Two, \$29.95 members, \$31.95 non, 4-9 p.m. ALC Last Friday Trivia, 6:30 p.m.	28 ODR Paintball 9:30 a.m.-2:30 p.m., age 10+, \$35, 454-6084 ODR Bird Watching, 2-4 p.m., \$8, 454-6084 ALC No Dinner Special due to special function
29	30 FC Boot Camp 6 a.m. FC Cycling Class 11 a.m. FC Yoga 11 a.m.					

Hours of operation

Arnold Lakeside Center: Catering/Management offices by appointment. Cashier Monday through Friday 7 a.m.-3:30 p.m. Dinner: Arnold Express Menu or Hap's Pizza only Thursday 5-8 p.m., dinner or Arnold Express Menus and Hap's Pizza Friday 4-9 p.m. and Saturday 5-9 p.m.; Main Bar Thursday 5-8 p.m., Friday 3:30-10 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: Monday through Friday 7 a.m. – 3:30 p.m. May vary depending on bookings.
Family Member/Youth Programs: Tuesday through Friday 10 a.m.-5 p.m., Saturday 12-5 p.m.
Outdoor Rec: Main Office, Check In and Auto Shop Tuesday through Saturday 10 a.m.-5 p.m. Marina by appointment only.
Fitness Center: Monday-Friday 5 a.m.-9 p.m.; Saturday 8 a.m.-4 p.m.
Arnold Golf Course: Pro Shop & Driving Range 8 a.m.-dusk; 7 a.m.-dusk beginning April 1. 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.

BX/Commissary customer eligibility

AEDC government civilian and AEDC contractor employees have access to the following limited items at the base exchange (BX): consumable items including toiletries and over-the-counter pharmaceuticals, food items such as candy, chips, little meal items, hot dogs and soft drinks. Alcohol and cigarettes are not included as consumable items. However, only active duty and retired uniformed services personnel and their dependents are eligible to use the base commissary next to the BX. The commissary hours of operation: Tuesday, Wednesday and Friday 9 a.m.-5:30 p.m., Thursday 9 a.m.-6 p.m. and Saturday 8 a.m.-4:30 p.m. The BX hours of operation: Tuesday through Friday 9 a.m.-5:30 p.m., and Saturday 8 a.m.-4:30 p.m. For more information contact Chris Floden, BX manager, at (931) 454-7153 or Jeff Lillard, Commissary manager, at (931) 454-3545.

AAFES Dividends

Dividends generated from the Army and Air Force Exchange Service (AAFES) overall earnings are a major contributor to Services nonappropriated fund (NAF) construction and renovation projects as well as equipment purchases. Services would like to thank all AAFES customers for their support. Dividends received for February 2012 totaled \$8,724.59.

PAINTBALL from H1

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 with 500 paintballs. All paintballs used must be purchased from

ODR for \$13 per bag of 500 or \$45 for a box of 2000. All paintball programs are for ages 10 and older. Ages 10-17 must have a parent permission form. Remember to wear appropriate clothing – long pants, a long-sleeved shirt

and closed toe shoes – as paintballs fly at 300 feet per second and can sting and possibly leave a mark other than paint. Call 454-6084 for more information about the paintball program or to sign up for these events.

Do your part – Please recycle this paper after reading!



Briefs from H1

Café 100 Pizza is available 10:30 a.m.-1:30 p.m. Monday through Friday. Pizza is available by the slice in pepperoni, sausage or Canadian bacon for \$2 per slice or the works (pepperoni, sausage, ham, green pepper, onion, mushrooms, black olives, bacon and extra cheese) for \$3.50 per slice. Whole pizzas are available if ordered the day prior and will require completing an order form and paying in advance. Selections for whole pizzas come in thin or thick crust and 12- or 16-inch. Choose from cheese, pepperoni, sausage, Canadian bacon, veggie, works, meat lovers or build your own from a variety of toppings. Salads are also available for \$3 with choice of ranch, French or Italian dressing.

Family Member/ Youth Programs (FamY)
454-3277

for the People's Choice winner for only \$1 per vote. Deadline to enter the pageant is April 30. Enter by emailing Holly Jones (holly.jones@arnold.af.mil) or Deborah Trice (deborah.trice@arnold.af.mil) or call Youth Programs at 454-3277.

Fitness Center
454-6440

Check us out on Facebook! Arnold AFB Services Fitness Center

Intramural Softball league to begin April 23 for Women's League and April 24 for Open League. Rosters are due for both by 4 p.m. April 16. A maximum of eight teams per league will be allowed. Women's League will play on Monday nights, and Open League will play Tuesday and Thursday nights. Call for more information or to sign up.

Check us out on Facebook! Arnold AFB Services Youth Programs

Pretty Discoveries returns for a **Jewelry Fair** March 30 in Café 100. The fair will be from 8 a.m.-2 p.m. and all jewelry is under \$20. There will be drawings for free jewelry. Pretty Discoveries also offers handbags and belts.

Miss AEDC Pageant coming to Arnold Lakeside Center May 5. Youth Programs will host the pageant for ages 5-18. The event will be open to the public and will be held from 12-6 p.m. Cost to enter is \$25 and each division winner will receive a crown, sash and flowers. Second, third and fourth place winners in each division will receive flowers. All entries will receive a participation certificate. There will also be a People's Choice winner who will receive a goody bag and sash. Divisions include Little Miss AEDC for ages 5-8, Preteen Miss AEDC for ages 9-11, Junior Miss AEDC for ages 12-15 and Miss AEDC for ages 16-18. Participants will need to provide a copy of their birth certificate or driver's license upon registration to ensure entry into the appropriate division. Little Miss and Preteen divisions will be judged on poise, beauty and personality. Junior and Miss divisions will be judged on poise, beauty, personality and onstage question. Each participant is allowed one person backstage to assist in getting ready, but they must return to the front before the pageant begins. Participants should arrive no later than 30 minutes prior to start time with hair and makeup complete. There will be a designated area for changing into dresses. Cost to attend the event is \$5 and Arnold Lakeside Center will have food and beverage items available for purchase. Any attending may vote

The Group Class Big 6 challenge may be completed anytime during April. Participate in at least one of all six types of classes offered—Cycle Pump, Yoga, Body Pump Boot Camp, Zumba, Pilates and Piloga—and earn an incentive prize. Be sure to use the sign in sheet for each class or check in with Joe Waters to get credit for taking the class. Group Classes are for eligible users only.

Group Class Schedule:

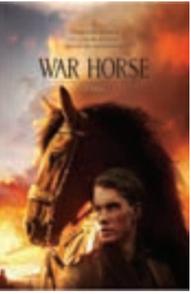
- Boot Camp Monday, Wednesday and Friday 6-7 a.m. on the basketball court
- Yoga Monday 11 a.m.-12 p.m. on the basketball court
- Cycling Monday, Tuesday and Thursday 11 a.m.-12 p.m. upstairs
- Zumba Tuesday and Thursday 4:15-5:15 p.m. upstairs
- Karate Tuesday and Thursday 3-5 p.m. on the basketball court
- Pilates Wednesday 11 a.m.-12 p.m. on the basketball court
- Piloga Friday 11 a.m.-12 p.m. on the basketball court

Spring Fun Run set for April 18 beginning at 11 a.m. on the track behind the A&E Building. Participants will need to complete eight laps around the track for a total of two miles. The top five run times will get a free HAWC (Health and Wellness Center) T-shirt. Call to sign up.

Health and Wellness Expo returns May 23. The Fitness Center will kick off the event with a run (one lap around Fitness Center trail) at 11:15 a.m. The Expo will be from 11 a.m.-1 p.m. with exposure and education on different dimensions of wellness. Pick up a door prize card when you arrive and while visiting the booths get the card initialed. Once the card is complete it may be entered for a chance to win prizes.

April Movie Schedule

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

<p>April 5 – “We Bought a Zoo,” rated PG starring Matt Damon and Scarlett Johansson. Inspiring and true story about the magical power of family to persevere in the face of extraordinary challenges. Set in Southern California, a father moves his young family to the country side to renovate and reopen a struggling zoo.</p> <p>April 12 – “War Horse,” rated PG-13 starring Jeremy Irvine, Emily Watson and David Thewlis. Young Albert enlists to serve in World War I after his beloved horse is sold into cavalry. Albert's hopeful journey takes him out of England and across Europe as the war rages on.</p> <p>April 19 – “The Adventures of Tintin,” rated PG starring voices of Jamie Bell, Daniel Craig and Andy Serkis. Intrepid and unquenchably curious young reporter Tintin, along with his fiercely loyal dog Snowy, set off on a treasure hunt with Captain Haddock for a sunken ship commanded by Haddock's ancestor.</p> <p>April 26 – “Sherlock Holmes: A Game of Shadows,” rated PG-13 starring Robert Downey Jr. and Jude Law. Sherlock Holmes and his sidekick, Dr. Watson, join forces to outwit and bring down their fiercest adversary, Professor Moriarty.</p>	<p>April 5  ZOO</p> <p>April 12  WAR HORSE</p> <p>April 19  TINTIN</p> <p>April 26 </p>
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Outdoor Rec (ODR) 454-6084

Check us out on Facebook! Arnold AFB Services Outdoor Recreation

Outdoor Rec (ODR) will be heading to Chattanooga to Urban Rocks Gym on March 31 for some **indoor rock climbing**. The day starts at ODR at 8:30 a.m. and is for age 6 and older (with minimum weight of 35 pounds). As participants enter the facility they will trade their liability waiver for climbing gear. Those under age 18 must have a parent sign their waiver. Once everyone is suited up there will be a review to include gym orientation, bouldering and belay safety. Bouldering is shorter distance climbs without a rope over a crash pad and belay is to climb with a rope and maintain friction as to prevent falling. After the review, the group will split by age and those ages 14 and older will start a belay lesson while those under age 14 will start climbing with a staff member. Once everyone passes their belay test the group will be able to belay for each other and an Urban Rocks group leader will serve as safety monitor as well as give tips to help climb more efficiently. After two hours the staff member will allow the group to continue climbing on their own. The group will depart the gym at approximately 3 p.m. (CST) headed back to ODR. Cost for the trip is \$40. Remember to bring extra money for lunch and wear proper clothes for climbing. Deadline to sign up is March 21. Late registration/Cancellation fees go into effect March 22.

Come by Café 100 April 12 and 13 anytime between 11 a.m. and 1 p.m. and see the new Outdoor Rec **Team Building equipment**

The team building kit has 289 activities and can serve up to 120 participants. Large group challenges can accommodate up to 60 people. Customize your team building activities to include leadership, communication, trust and/or conflict resolution. Stop by our showcase and see some of these activities in action and maybe even try some for yourself. Information on packages and pricing will be available during the showcase. This team building equipment must be facilitated by an Outdoor Rec staff member and is not available for rent for private use.

Join us on a trip April 14 to Middle Tennessee State University (MTSU) as we try out their **Challenge Course**. We'll depart from Outdoor Rec at 11:45 a.m. and spend about three hours there doing the alpine tower, low elements and group development initiatives then return at approximately 5 p.m.

Participants need to wear clothes appropriate for lots of activity and for outdoor activities. These activities are for ages 10 and older and cost is \$25 per person.

The 50-foot alpine tower is a place where you strengthen your self-confidence and generate renewed enthusiasm in your peers and yourself. The low elements are activities sequentially designed to experience mental and physical challenges in the pursuit of clearer communication, effective interactions and enhanced performance. Group discussion is incorporated into these initiatives reinforcing listening, respect, planning, problem solving and awareness. The group development initiatives activities are designed to get everyone communicating and engaging with each other in creative

and unique ways. The focus is on developing stronger connections, building relationships, group interaction and fun. Deadline to sign up for this trip is April 3 and there must be a minimum of seven to take the trip with no more than 14. Cancellations after April 3 are nonrefundable. Call now to sign up!

Come with Outdoor Rec and go **bird watching** April 28 from 2-4 p.m. Meet at Outdoor Rec at 1:45 p.m. then travel to Crockett Cove, FamCamp and various boat docks to see what birds are with us every day during the warmer months. You may even get a chance to see our resident eagle! Get an education on the species of birds and find out the reason why they like this area. Make sure you bring binoculars so you can see as far as possible. You can make a list of the birds you see to learn what is in your area. Cost is \$8 per person and deadline to sign up is April 26. There must be at least five to take the adventure and no more than 14.

An **Archery Basics Class** will be held May 5 at 4 p.m. at Outdoor Rec for ages 10 and older. Cost is \$3 and deadline to sign up is May 2. There must be at least three to take the course and no more than 10. This class will teach the basics of archery to include how to hold a bow properly, how to shoot with correct technique and also learn some history. Bows, arrows and targets will be provided but you may bring your own equipment if you have it.

Do you like to cruise on the lake? Want to take your child to that secret fishing spot or

teach them how to ski? Give Outdoor Recreation a call. We have **boat rentals** for everyone's needs. We can rent you three ski boats or the Stardeck for just \$20 per hour. We also have two pontoon boats that rent for \$15 per hour and \$30 per hour. The \$30 an hour will rent you the newest pontoon boat we have, S.S. Stuart! Whatever your boating needs might be, give ODR the chance to help you meet that need. Give us a call at 454-6084.

Hands-On Boat Certification Class is now mandatory for renting boats from the marina. Watch the video during the week any time from 8 a.m.-4:30 p.m. After watching the video and taking the test sign up for the hands-on portion which is available Saturday and Sunday at 8:30 a.m., 9:30 a.m., 10:30 a.m., 11:30 a.m. and 12:30 p.m. This class costs \$20 and certification is valid for two years. Call to sign up or for more information.

Wingo Inn
454-3051

Check us out on Facebook! Arnold AFB Services Wingo Inn

Reservations for Wingo Inn can be made 120 days in advance. Room rates start at \$39 per night. Please call 454-3051 for reservations.

Gossick Leadership Center
454-4003

Check us out on Facebook! Arnold AFB Services 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 (931) 454-4003.

AEDC Woman's Club
393-2552

The AEDC Woman's Club will meet at 9:30 a.m. April 3 at Arnold Lakeside Center. This is the month we honor our scholarship winners and their families. The students from local high schools will be presented with a check to help further their education. The meeting will begin at 9:30 a.m. followed by lunch.

Make reservations by contacting Liz Jolliffe at 393-2552 or Jolliffe@aol.com, Jane Ricci at 962-1378 or dickanjane@comcast.net or Lucie Miller at 723-2054 or lj-rdmiller@charter.net.

The Services insert to the High Mach is designed to inform our customers of events and specials in Services activities. All program dates, times and prices are subject to change.

