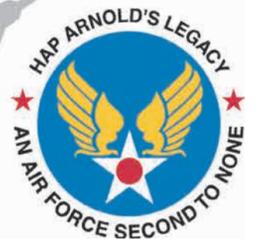




HIGH MACH

Serving the World's Premier Flight Simulation Test Complex



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Large rocket facility gets new control system

By Raquel March
ATA Public Affairs

Large rocket testing at altitude conditions has been a common occurrence at Arnold Engineering Development Complex's (AEDC's) state-of-the-art Large Rocket Motor Test Facility (J-6) for almost 20 years. When ATK® recently tested their CASTOR®30XL rocket in the J-6 facility, a team of engineers had completed an upgrade of the facility's Test Unit Support System.

The result of the upgrade was the implementation of the new J-6 Facility Control System (FCS) which controls 16 major systems needed to conduct a rocket test in the facility.

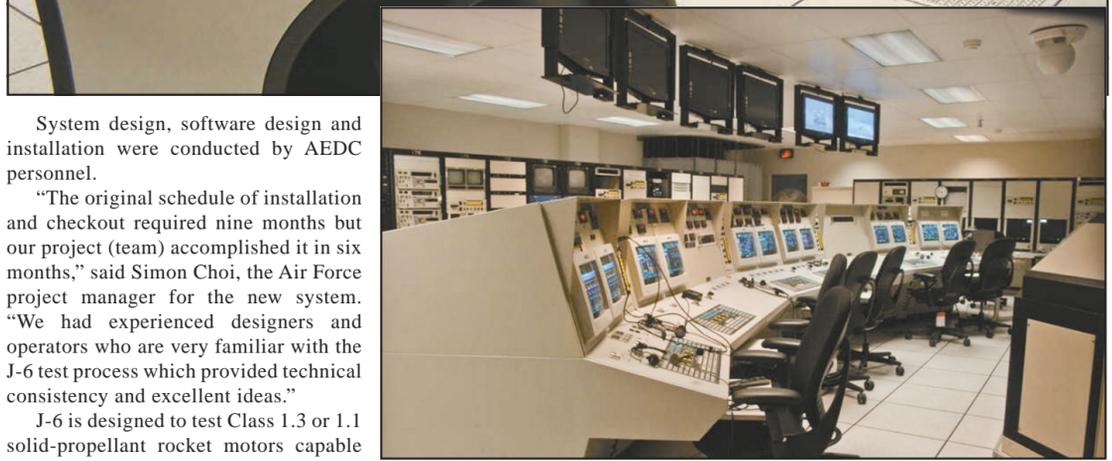
The J-6 Facility provides ground-test simulations for solid-propellant rocket motors and it is used mainly for testing of stages II and III for both Minuteman and Peacekeeper ICBMs.

"A few of the critical systems are steam, gaseous nitrogen (GN2) and liquid nitrogen (LN2)," said Mickey Gipson, an Information Technology System Development manager. "Basically, the J-6 FCS is the heart of the J-6 test facility."

A customer benefit that FCS provides is better control of automatic facility flow and pressure of steam, GN2 and LN2. Customers like ATK and the Minuteman program will also benefit from improved system calibration and pre-operations automation.

Gipson added that customers will also experience "Improved data logging and historian features and improved human machine interface (HMI) and external interfaces using open standards."

The improved interfaces will allow interaction with different manufacturer's equipment, using a set standard, without developing special hardware or software for each test item.



System design, software design and installation were conducted by AEDC personnel.

"The original schedule of installation and checkout required nine months but our project (team) accomplished it in six months," said Simon Choi, the Air Force project manager for the new system. "We had experienced designers and operators who are very familiar with the J-6 test process which provided technical consistency and excellent ideas."

J-6 is designed to test Class 1.3 or 1.1 solid-propellant rocket motors capable of up to 500,000 pounds of thrust. Measuring 26-feet in diameter by 62-feet long, the horizontally oriented test cell is capable of testing rocket motors at simulated altitudes up to 100,000 feet.

Before & After: Arnold Engineering Development Complex's (AEDC) Large Rocket Motor Test Facility (J-6) control room (top, after) is equipped with state-of-the-art software and hardware for its new Facility Control System. The system offers improved interfaces for the customer and operator. (AEDC photo)

AEDC pioneer Dr. Wheeler 'Mac' McGregor leaves legacy behind

By Raquel March
ATA Public Affairs

AEDC's importance to the nation would not be possible except for the people who paved the way for others. AEDC Fellow Dr. Wheeler "Mac" McGregor left a legacy for those to follow with his passing on June 27.



McGregor

McGregor, who went to work for AEDC in 1951, was named an AEDC Fellow in 1990.

He was specifically honored for his technical leadership and scientific contributions in advancing state-of-the-art concepts in the area of non-intrusive diagnostic techniques and instrumentation in 2005.

A distinguished UTSI alumnus, McGregor is credited with helping to develop a nationally-recognized infrared signature measurement capability at AEDC and using the rocket test facilities to provide key ultraviolet signature data to the early Strategic Defense Initiative program, which subsequently evolved into the Ballistic Missile Defense Organization and ultimately became the Missile Defense Agency.

He also led the establishment of the

See LEGACY, page 6

Summer intern switches between crown and hard hat at AEDC

By Vicki Peters
AEDC Contributing Writer

When you spy this fourth-year intern on base, she's likely to be wearing jeans, a T-shirt, steel-toed shoes, safety glasses, and a hard hat. Away from Arnold Engineering Development Complex (AEDC) she trades the jeans for a bit of glitz and glamor and the hard hat makes way for a crown.

Each summer the complex's prime operating contractor Aerospace Testing Alliance (ATA) welcomes interns in a variety of science, technology, engineering and math fields. Only one of those, Dacey Winkleman, is a winner of the prestigious Dr. Joseph J. Jacobs Global Scholarship and a member of the Miss America Organization. Winkleman returned for her final year as an intern with the ATA Industrial Hygiene Division – this time as the reigning Miss Chattanooga.

Winkleman's typical AEDC workday starts with a variety of field work including meeting with workers for a review of confined space entry procedures, required ventilation methods and other control measures. Her next assignment may involve a trip to the Dispensary where she assists with inventory and administrative support. Back in the office, she conducts scheduled respirator fit testing and training.

Much of her time is devoted to the AEDC Mosquito Surveillance Program. This effort involves hours sitting in the lab studying mosquitoes through a microscope. Asked what she looks for, Winkleman explained, "Mosquito surveillance has been going on at AEDC for several years. This year it began in early June with traps being placed at various sites. These are checked weekly and usually contain a large number of midges, a harmless mosquito look-alike which must be



ATA Industrial Hygiene's intern/engineering technician Dacey Winkleman, left, reviews confined space entry procedures and air monitoring with boilermaker journeyman Stevi Sullivan (center) and lead boilermaker Howard Nichols (right) at the complex's Aeropropulsion Systems Test Facility for turbine engine testing. (Photo by Rick Goodfriend)

separated from the mosquitoes.

"Next, we determine the sex of the mosquitoes and separate the males from the females. Females are the biters – the ones that spread disease. They're shipped to Wright Patterson where an Air Force entomologist identifies the genus species to determine if they are significant in the spread of disease. Only a small percentage of those trapped last year were considered vectors of diseases.

"This range of field and lab activities has allowed me to meet and interact with a variety of personnel and has helped develop my communication and people skills," Winkleman added. "These will be beneficial throughout the remainder of my education and into my career."

Mark Jenkins, ATA Risk Manager and Industrial Hygiene Group Lead, said, "Dacey

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HIGH MACH

Arnold Engineering Development Complex
An Air Force Materiel Command Test Complex

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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



By Vicki Peters
AEDC Contributing Writer

How much do you think about work once you "make eight and hit the gate?" Most of us leave it behind and turn our thoughts elsewhere, perhaps to that list of chores we've promised to do or maybe to the vacation we've anticipated for months. With summer's warmer days and increased daylight, we push ourselves to do more and more and put ourselves at risk for injury.

Whether it's do-it-yourself projects; exercise, sports and recreation; or vacation and leisure activities, one thing we shouldn't leave behind when we leave work is safety. At work, we're part of a safety culture that spans many areas. There are policies, procedures, standards and instructions to

guide us, safety equipment to protect us, and supervisors and a safety team to help us find answers.

Off the job, we're on our own. We can ignore hearing protection while mowing the yard, skip the gloves while cleaning the oven, leave our safety glasses off when we're replacing a hinge, nix the helmet while biking, and stand on the top rung of a ladder to paint the gutters. We probably won't hear a word out of anyone. But it would be careless to drop safety when we hit the gate. After all, National Safety Council statistics reveal that for each work-related accidental death, more than 11 workers are killed off the job. Nearly three times as many workers suffer nonfatal injuries off the job as on the job.

Part of our Beyond Zero

Culture is getting people to embrace the importance of safe behaviors, both on and off the job. This summer the focus is on "Soaking up Safety," encouraging us to "soak up" safety like we soak up sun on a warm summer day and to practice safety 24/7.

Keep your cool no matter how you spend your time soaking up summer. Protect yourself outdoors with sunscreen, a hat and glasses that block UV rays. Balance outdoor activities with periods of rest, water and shade. Keep in mind that heat stress is cumulative, and the high humidity that often accompanies Middle Tennessee high temperatures can magnify its effects. Try to schedule strenuous activities for the coolest time of the day. Learn which cloud formations accompany severe weather; be ready to take shelter before a storm hits.

Before you begin summer activity, review the risks, even if it's something you've done before.

DIY projects

If you lack experience for the task at hand, check your local hardware or lawn

and garden store for advice or maybe even a free class. Once you're confident you can do the work, check your tools and equipment before using them. Chose the right tool for the job and assemble needed materials before you start the work. Don't forget properly fitted personal protective equipment (PPE). If you don't have the needed skills, tools and PPE for the job, buy, borrow, or rent them before you start, or hand off the project to a professional.

Exercise, sports and recreation

Take a cue from work and warm up with stretches before exercising or taking part in sports. Choose the right gear and protective equipment from head to toe. Drink plenty of water. Know your limits and avoid over exertion.

Area lakes and waterways offer opportunities for boating, fishing, skiing and other recreation and sports activities. Don't forget the life jacket. If you're new to boating, kayaking, sailing or canoeing, consider a boating safety course. Be aware that a variety of water sports and activities may take place simultaneously and close

together. Watch out for others; and remember that alcohol, heat and water don't mix.

Vacation

The great escape is where leisure rules and worry is left behind. At least that's what we hope. Before hitting the open road, taking to the friendly skies, or escaping by other means, take time to plan, plan, plan. In addition to that carefully chosen wardrobe, take time to pack insurance cards, any needed medications, a flashlight and small first aid kit, a cell phone charger, a map if you're driving, and a list of emergency contacts. Be sure your contacts have your itinerary, notify them of any change and check in with them when you return. Any time you are in unfamiliar or isolated territory, you are at risk. To help ensure your physical safety and that of your companions, stay alert to your surroundings. If you feel unsafe, move on as quickly as possible.

Don't leave your on-the-job safety culture at work. "Soaking up safety" at work then sharing it with your family is one way to ensure a safe, fun summer.

Air Force leaders stand behind civilians during tough furlough times



WASHINGTON (AFNS) – Acting Secretary of the Air Force Eric Fanning and Air Force Chief of Staff Gen. Mark A. Welsh

III send the following furlough message to the Airmen of the United States Air Force:

With few exceptions,

our civilian Airmen face involuntary furlough one day per week from the pay period starting July 8 through the pay period ending September 21.

Civilian furloughs are a measure of last resort and we deeply regret that the arbitrary across-the-board cuts imposed by sequestration led to this result. Despite standing down combat flying units, reducing space and mobility operations, reducing weapon system support, cutting installation support and facility repairs and cancelling most travel,

training and exercises, we must still take this painful action. We recognize that this action inflicts personal and financial hardships on our civilian Airmen and their families. We need all of our great Airmen to do the Nation's work, and furlough is not the way to reward our dedicated civilian workforce for their service. We're sorry this is happening.

While furloughs have real consequences for civilian Airmen, the reduction in productivity and capability resulting from this action

will affect all Airmen. We appreciate your professionalism in dealing with this situation and promise we will continue to work with DOD and Congress to seek repeal of sequestration and an end to the frustration and mission impact it causes.

We could not be the world's greatest Air Force without the contributions of every part of our Total Force – active duty, Guard, Reserve, and civilian Airmen. Thank you for your service to our Air Force and our Nation. We're proud to stand beside you.

Leading change, what can you do

By Lt. Colonel Rodney Jorstad
325th Medical Support Squadron

How do we change our processes to be less frustrating for the end user of our services or products we supply as Air Force members?

Change starts with you.

You are trained to be an expert in your field: use your expertise to critically review how you do your job and the functions you perform daily.

Utilize an "outsider" perspective to determine if steps in a process are value added for the end user or an internal requirement. If a step doesn't add value, determine if it is required by law or instruction. The idea here is to eliminate waste or legacy processes that are no longer applicable to what you do today.

Identifying waste and developing solutions to improve your day-to-day processes is a great way to achieve a deeper understanding of your specialty and develop leadership skills. It can be done at any level.

Your leaders are looking for people to find ways to be more efficient by cutting wasted time and money on unnecessary processes, or steps in a process. Leading change can be challenging, but starting early in your

career with small projects will help develop the skills needed to affect change on a larger scale.

How do you get started leading change in your organization? First, realize the need to change and determine how to improve your job or efficiency.

Most problems in processes are communication issues, especially between organizations or sections. Determining the communication breakdown and developing a solution is a great way to get started improving your workplace.

Next, discuss your idea with a few trusted peers, get their input and adjust fire as needed. Technology is not always the answer; remember to keep things simple.

Your new process or change needs to be sustainable.

The challenge is the few people who refuse to change after most people are ready to implement your plan. If they are not on board it can cause mission failure for your new idea to improve your work area. Determine why they are not behind the plan. Some people are only motivated by the "what's in

it for me" mentality. Highlight how your change will make their job easier or how it improves your customers' satisfaction or saves money or time.

Learning what motivates people and how to get them to change will develop you as a leader.

The most difficult part of leading change is sustaining the improvements made. Most of us are in organizations that turn over personnel on a continuous basis, so having the new process written down and captured in operating in-

structions is paramount to ensuring your change doesn't revert back to the old way of doing things. There is a reason it was broken in the first place, and many times you will find it is because the process was never written down and people have developed their own way of completing their tasks.

So the next time you are frustrated at a process or standing in line, think about your job. What can you do to lead change in your organization and create a better experience for your customers?

Action Line

Team AEDC

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

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

Col. Raymond Toth
AEDC Commander

Smoking Policy

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

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

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

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

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

Sexual assault victim support offered at AEDC

By Raquel March
ATA Public Affairs

Two AEDC employees are filling the roles of the base's Sexual Assault Prevention and Response victim advocates.

Wind tunnel project manager Allie Falk and financial management specialist Lynn Armer were trained at Eglin Air Force Base, Fla., with the Sexual Assault Resource Coordinator (SARC) there. Because AEDC is a smaller installation and has a smaller military and civilian population, cases are referred to Eglin's SARC.

Falk and Armer received victim advocate training, where they learned the rules and regulations of sexual assault cases in the Air Force. They also learned more about the types of emotional and moral support they would provide and the resources available to them through Eglin.

"During our training at Eglin we were taught symptoms of sexual assault, the trauma of it, the healing aspect, helping skills, self-care for the victim, substance abuse, the victim blaming themselves, etc.," Armer said. "I was very unaware of how often drug-facilitated rapes occur and what they use to render the person helpless. I hope being a VA, we can help the victim with the tools they need to recover from the assault and begin their healing process."

Both women say they



Allie Falk, seated, and Lynn Armer are AEDC's victim advocates for the Sexual Assault Prevention and Response program. As victim advocates, they provide support to victims as well as provide training and education for AEDC's military and civilian population. (Photo by Jacqueline Cowan)

volunteered for the program because it is an opportunity to help someone during a critical time of need. Falk, who also does work with suicide prevention outside of AEDC, said she has seen up close and personal what sexual assault victims go

through.

"You see their emotional states and how, if they didn't get help 20 years ago when it happened and they're trying to get help now, it affects them later in life," Falk said. "And we just want to be there when

it happens to them – to help them start that healing process as quickly as possible."

Falk and Armer have a list of contacts at area hospitals and shelters, as well as sexual assault counselors they can refer victims to.

Anyone needing assistance from a sexual assault victim advocate can call the Arnold Sexual Assault Hotline at 581-7494. The hotline is available 24 hours a day, seven days a week. Calls are confidential.

Arnold Community Council, Bowling announce Job Fair July 16

By Kathy Gattis
ATA public affairs

Arnold Community Council (ACC) and Tennessee Senator Janice Bowling are partnering to host a free, regional job fair July 16 at the Manchester-Coffee County Conference Center.

The event begins at 9 a.m. and the state will assist job seekers and can help update resumes.

For those who want to meet prospective employers, exhibits will open at 10 a.m.

and continue until 4 p.m.

The event is free for attendees and exhibitors. Exhibitors should register for booth space at www.arnoldcommunitycouncil.com. Job seekers are also asked to register at the same address.

The idea for a job fair was developed initially as a way to help ATA employees who were reduced-in-force and furloughed government civilians.

"We began talking with Col. Toth to discuss how Arnold Community Council

and local communities could assist Arnold (AEDC) if full sequestration was implemented," ACC President Steve Cope said.

"The government civilian workforce is affected with furloughs of one day per week (a 20 percent reduction in pay) and the ATA workforce was affected in a different way with layoffs (in April)," he said. "We discussed options for assistance and offered to include the communities as a whole since we have others in similar positions," Cope said.

"Many people in surrounding communities are unemployed or underemployed and can take advantage of the offerings by the local communities that get involved."

Though the impact to AEDC was reduced because of changes in test workload and fewer furlough days, Cope and Bowling say the regional job fair is needed.

"There are many civil servants and military contract employees in our communities that have been affected by Department of Defense cuts,"

Bowling said. "We want to bring together all the resources available to help them and other citizens who are unemployed or underemployed get the assistance they need."

Cope said the ACC appreciates Senator Bowling's assistance in making this event a reality.

Arnold Community Council was established in 2000 to promote, protect and preserve AEDC and to facilitate interaction and cooperation between the Complex and surrounding communities.

People supporting the mission: Capt. CharMeeka Scroggins

By J.R. Wilson
Aerospace & Defense Writer

As a self-described Army brat, Capt. CharMeeka Scroggins inherited a love of aviation from her father, a retired first sergeant who spent most of his career in helicopter support. When she graduated from high school in 2005, he gave his blessing to her acceptance of a four-year Air Force ROTC scholarship to the University of Alabama at Birmingham.

"I had wanted to be a doctor, but when I saw what that involved, I switched my major from health sciences to social psychology, with an eye toward being a counselor," she said.

When she was commissioned in 2009, the Air Force surprised her with its decision on her service career path.

"Before you're commissioned in the Air Force, you list all the classes you took. For me, that included a few business and science classes, so the Air Force decided to make me an acquisitions officer," Scroggins recalled. "I decided to give it a try for a year or two and came to enjoy it."

"I plan to stay in this arena in the future. My background helps me relate to people and interact more easily. I'm also learning more about project and program management with my graduate studies."

The Atlanta, Ga., native was a test project manager at the High-Enthalpy Arc-Heated Facilities at Arnold Engineering Development Complex in Tennessee, an Air Force Materiel Command test facility providing aerothermal ground test simulations of hypersonic flight across a wide range of velocities and pressure altitudes.

"We test carbon-carbon materials, heat shields, even



Capt. CharMeeka Scroggins is shown here as a test project manager at the High-Enthalpy Arc-Heated Facilities at AEDC.

some antennas for heat and energy factors, not only for the Air Force, but also work with the Army, Navy, or even NASA. Those have included hypersonic vehicles that go exoatmospheric, including missiles and, at one point, even some work on the space shuttle," Scroggins said.

"I also do a lot of interfacing with the customers and contractors who support the tests. That includes ensuring there aren't any maintenance or other conflicts and we can test when we are supposed to test."

Scroggins' knowledge of the history of the original Air Force Logistics Command/ Air Force Systems Command merger and

how things may have changed is based on her own research, command informational materials, and talks with AFMC veterans.

"From what I've learned, when the [systems and logistics] commands merged, bringing together four mission areas [research and development (R&D), acquisition, logistics, sustainment], it created a better life cycle outcome. The original vision was great, but it has been tweaked over the years to the point where we can now work effectively through the life cycle of various programs," she said.

"[At Arnold], we generally try to get user input for the

R&D we do to make sure their weapon systems work properly, so we keep in touch with the program officers to determine what capability we can provide. We also network with the contractors, so if anything becomes an issue down the road, they can come back to us and our test facilities to work out a solution."

With tightening budgets and Department of Defense-wide downsizing, change remains a major component of AFMC operations, but Scroggins is confident in the future of her Air Force career track.

"What we do here is important, especially working

with the research labs on hypersonic vehicles. R&D is important and cost-effective developmental testing is vital to ensure whatever we give our users does what they expect it to do," she concluded. "Yes, we are in a budget crunch, but it's a lot more cost effective to do all the necessary research before acquisitions and fielding to ensure those systems do work."

Scroggins completed her master's degree in acquisitions and procurement from Webster University, St. Louis, Mo., in May. Her next assignment as an F-15 Strike Eagle program manager begins at the end of July at Eglin Air Force Base, Fla.

Officials reaffirm DOD's commitment to fighting sexual assault

By Terri Moon Cronk
American Forces Press Service

WASHINGTON (AFNS) – At an open house marking the Defense Department's launch of a new peer-support service for sexual assault victims, senior Pentagon officials reaffirmed the department's commitment to eradicating sexual assault in the military.

The Defense Department has joined with a private organization to launch the DOD Safe HelpRoom – a private online chat room for service members and military families to seek help following an assault. The new service gives victims and survivors access to chats with their peers, through an agreement with the nonprofit Rape, Incest and Abuse National Network.

“Sexual assault is a crime DOD will not tolerate,” said Jessica L. Wright, the acting undersecretary of defense for personnel and readiness and a 35-year military veteran. “Our service members sign up to protect the United States and they have to feel safe within our ranks. I know what it's like to be asked to do risky things, and we don't want to put our service members at risk as they're do-

ing (their jobs).”

From the newest private to the secretary of defense and the chairman of the Joint Chiefs of Staff “and everybody in between,” Wright said, “we've locked arms against this crime, and we will work diligently to eradicate it from our ranks.”

Eliminating sexual assault from the military will require a culture change, said Army Maj. Gen. Gary S. Patton, the director of the Defense Department's sexual assault prevention and response office, known as SAPRO. A society that doesn't tolerate sexual assault is one where people are treated with dignity and respect, and where victims know they'll be treated with privacy and sensitivity, the general said. “And offenders will know they will be found and held accountable as appropriate,” he added.

Patton said “assessing ourselves” is a priority in combatting sexual assault, to ensure that programs and policies work. “SAPRO and RAINN are working together in prevention, investigation, accountability, victim support and assessment,” he said.

“We see ourselves as a national leader in sexual assault, its prevention and response,” Pat-

ton said. “Part of being a national leader is innovation, and the innovation you see today with the mobile app, the safe help room – the first of its kind with a peer-to-peer, secure venue where victims of sexual assault – can chat in a closely moderated and very professional chat room.”

At the open house, RAINN's Kimberly “Toni” Korol-Evans received the 2013 award for Safe Helpline Operator of the Year for her work with DOD victims and survivors.

Wright told the audience of victim advocates, judge advocates general and sexual assault response coordinators that the work they do for sexual assault victims and survivors is noble.

“What you really do is save lives, through your compassion and concern. The Safe Helpline and the chat room are safe, secure and private, and that's what these victims of this horrendous crime need as they go through this support system,” she added.

The advocates help to turn survivors around so they can lead a prosperous life after they've gone through such a tragic, emotional and physical violent act, Wright said.



“Sexual assault is a crime DOD will not tolerate,” said Jessica L. Wright, the acting undersecretary of defense for personnel and readiness and a 35-year military veteran. (Photo provided by American Forces Press Service)

B-52s to receive communications upgrade

By Mike W. Ray
72nd Air Base Wing
Public Affairs

TINKER AIR FORCE BASE, Okla. (AFNS) – Installation of a communications system upgrade earmarked for the venerable U.S. Air Force B-52 Stratofortress bomber fleet is scheduled to start here this month.

The Combat Network Communications Technology system will enable aircrews to send and receive information via satellite links, allowing them to change mission plans and retarget weapons while in flight. In addition, pilots will be able to interact better with other aircraft and with ground forces. Currently, mission information must be uploaded to a B-52 before each flight.

Other improvements will include a state-of-the-art computing network with workstations at each crew position and

an integrated digital interphone with increased capacity that will allow crew members to talk with each other over headsets equipped with noise-canceling technology.

The \$76 million CONECT upgrade will be performed by Boeing and covers a low-rate initial production of the first CONECT kits, along with spare parts, maintenance and service at Tinker AFB.

Low-rate initial production is the first effort in the production phase of the program. The first eight CONECT kits in lot 1 will establish an initial

production base for the system and will permit an orderly increase in the production rate for the CONECT system that is sufficient to lead to full-rate production upon successful completion of operational testing.

The contract for lot 2 is projected to be awarded in May 2014, for 10 CONECT kits. Then the full-rate production contract, projected for award in January 2015, will be for 10 CONECT kits.

Ultimately, CONECT is expected to be installed on all B-52H in the fleet.

The first B-52H to re-

ceive a CONECT kit will enter programmed depot maintenance at Tinker AFB this month and is scheduled to depart PDM next April. Each upgrade will take an estimated nine months to complete.

A CONECT kit was installed in a modified B-52 at Edwards AFB, Calif., and has been field tested for several years, Boeing spokesperson Jennifer Hogan said.

The B-52H was delivered to the Air Force in 1961-62. The aircraft have been kept aloft through regular maintenance and periodic upgrades. For

example, GPS capabilities were incorporated into their navigation systems in the late 1980s.

“We are bringing this amazing workhorse of a bomber into the digital age and giving our customer the infrastructure neces-

sary for continued future improvements,” said Scot Oathout, Boeing's B-52 program director.

Citing engineering studies, Air Force officials said the heavy bombers could keep flying for at least another quarter-century.

LEGACY from page 1

Plume Data Center, currently known as the Advanced Missile Signature Center at AEDC, a national repository for plume signature data.

McGregor has also served on numerous national advisory panels to guide the development of the Joint Army Navy NASA Air Force plume

codes. That data is used to plan space and satellite missions and to help determine national missile defense policy and research.

McGregor was a resident of Manchester. He was the author of many technical papers and published articles in the aerospace field. He was also a member of the founding board and chairman of the Alliance for Community Outreach.

A member of Forest Mill Church of Christ, he was the son of the late Wheeler Kelsey and Emma Zada Turner McGregor Sr. He was married to Frankie Marie Simons McGregor who preceded him in death June 15, 2003. In addition to his wife and parents, he was preceded in death by a brother, Gerald McGregor and sister-in-law, Eva Lois Underhill.

He is survived by three sisters-in-law and brothers-in-law, Betty Sue McGregor of Smyrna, Tenn. and William and Barbara Simons and

Brown Underhill both of McMinnville; nieces and nephews, Gerry and Marlene McGregor and Melanie and Darryl Anderson both of Smyrna, Tenn.

and Gentry and Charlotte Underhill, Donna and Rick Alexander, Cindy and Craig Tilton and Amy Orrick all of McMinnville; great-nieces and great-nephews, Delana McGregor, Matthew McGregor, Ben Anderson, Eric Anderson, Jarrod (Stacey) Underhill, Beth Underhill, Rickey (April) Alexander, Tim Alexander, Nathan (Tara) Tilton, Sarah Tilton, Hannah Tilton, Carissa Vaughn, Britany Suydam, Ben Orrick and Jeremy Orrick and several great-great-nieces and great-great-nephews.

To read McGregor's experiences about his beginnings at AEDC see www.arnold.af.mil/shared/media/document/AFD-110927-017.pdf or scan the QR code in the story with a smartphone.



135 ENGINEERING MAN-YEARS -These nine ARO, Inc., engineers read the historical marker commemorating dedication of the Arnold Engineering Development Center on June 25, 1951, by President of the U.S. Harry S. Truman. All nine were employed the following month by ARO, Inc. From left: Ray Harvey, Asst. to the Chief, Rocket Test Facility; Fred Minger, Manager, Research Branch, RTF; W.K. McGregor, Research Project Engineer, RTF; J.W. Hale, Supervisor, Model Test, RTF; Bud Austin, Asst. Manager, T Cells, Instrument Branch RTF; John Ralph, Supervisor, Mechanical Design Section, J Testing Operations Branch; Harry Dierkes, staff engineer, office of managing director; Herman Collier, Supervisor, Engineering Section, Plant Operations Branch; Propulsion Wind Tunnel Facility, and Jack Marshall, Supervisor, Aerodynamics Performance Section, LORHO-TTT Branch, PWT. (AEDC photo)

Air Force Judge Advocate General's School turns 20

By Rebecca Burylo
Air University Public Affairs

MAXWELL AIR FORCE BASE, Ala. (AFNS) – Celebrating 20 years of providing the Air Force with trained and qualified judge advocates, civilian attorneys and paralegals, the Air Force Judge Advocate General's School recently commemorated the historic occasion.

"The 20th anniversary of the JAG School building dedication is a momentous day in the JAG School's history," said Col. Kenneth Theurer, commandant of AFJAGS.

The school offers opportunities for attorneys and paralegals to enhance their legal education.

"The in-resident courses, distance education and publications provided by the JAG School give our students the legal training needed to properly advise commanders on many of the Air Force's day-to-day operations around the world," he said.

Events to celebrate the anniversary included a dinner inviting leaders, donors and military retirees who took part in the planning and development of AFJAGS. Army retired Brig. Gen. Malinda Dunn was the guest lecturer at the fourth annual Maj. Gen. David C. Morehouse distinguished lecture series June 20.

Twenty years ago in May, Morehouse, the 10th judge advocate general of the Air Force, held the official dedication ceremony for the William L. Dickenson Law Center housing AFJAGS. Thus began the school's legacy of education at Maxwell as the educational home of the Air Force JAG Corps.

The Morehouse lectures honors his memory.

Dunn served in the United States Army Judge Advocate General's Corps for 28 years and is currently the executive director of the American Inns of Court Foundation.

Speaking on the relationship among the rule of law, professionalism and leadership, Dunn provided insight, inspiration and personal experiences from her time deployed in Iraq and Afghanistan. Her examples showcased the essential characteristics law has on economic growth, foreign investments, citizens' confidence in government and "for everything else to function in a governing country," said Dunn.

She told the attorneys present that as leaders and "torch-bearers of the rule of law," they are given the utmost

responsibility to protect liberties essential to a free society.

"It is the highest honor to lead in any context. It's not about us, it's about the difference we can make," said Dunn. "As lawyers our ultimate responsibility is to protect the principles of the rule of law."

"It is our responsibility," she added, "To uphold the profession of law and to ensure by our actions that the public respects the rule of law. We owe it to the profession, we owe it to the country and if we don't do it, who will do it? If we aren't keepers of the torch, who is?"

Dunn served as the first female staff judge advocate of the 82nd Airborne Division, the first female chief of personnel for the Army JAG Corps, the first female staff judge advocate for the 18th Airborne Corps and the first woman to become an active-duty general officer in the Army JAG Corps.

Originally established in 1950 as the Judge Advocate General Division of the Air Command and Staff School, the program began as a small 12-week course teaching 70 judge advocates, three times a year. Five years later it was

moved to the United States Air Force Chaplain's School where it taught introductory training in military law.

Later, the school was moved under Air University's Institute for Professional Development, where its legal curriculum broadened into several different courses offered for judge advocates and paralegals. It was not until 1993 that the AFJAGS began its permanent residence on Maxwell's Academic Circle.

The school transferred from Air Education and Training Command to the Air Force Legal Operations Agency in

2006 and continues to add new courses to its curriculum, which now encompasses paralegal, deployed fiscal law and contingency contracting, area defense counsel and distance learning courses.

Today, AFJAGS instructs more than 3,000 students during 30 resident courses taught each year. Faculty also provides instruction to students attending the Air University schools.

INTERN from page 1

is a pleasure to work with. We have enjoyed watching her grow professionally summer by summer. She started her internship supporting field work and getting acclimated with the operations at the Chemical Lab and Dispensary and she was typically accompanied by a co-worker, an extra set of eyes. As she has grown in experience and comfort level, she has developed the field safety and hygiene smarts needed to look out for herself and others, and her solo time in the field as a Safety and Industrial Hygiene consultant has increased."

Jenkins added, "She provides value to our organization by performing confined space entry and facility assessments, analyzing data and writing technical reports, and fit-testing workers for respirator use. She also plans ways to 'work safe' through discussions with her peers and the workers she supports and with a JSA or JSR. I don't know what the future holds for her; the sky is probably the limit, but I know we miss her at the end of each summer."

As Miss Chattanooga, Winkleman is an official representative of the Miss America Organization for various activities across southern middle Tennessee. In addition to various local sporting events and parades, she has made appearances speaking in support of the Children's Miracle Network and serves as a wish granter for the Make-A-Wish Foundation.

Recently the Miss America Organization adopted a national platform of encouraging young women to pursue STEM (Science, Technology, Engineering and Math) careers. In support of this platform, Winkleman represented the organization as guest speaker at the 2013 Chattanooga Science and Engineering Regional Fair. For her, it was a return to the site where she was a two-time Junior Division Grand Champion as a student at North Junior High in Franklin County.

Winkleman is already on the STEM career path. She is a senior honor student majoring in Molecular Biology at the University of Tennessee - Chattanooga, where she is Head Majorette, 2012 Homecoming Queen and a member of Chi Omega. Her professional goal is to obtain a doctorate and establish a career in medical technologies research. To those who know her well, it's no surprise that Winkleman was honored for academic excellence in June at the Miss Tennessee Pageant where she received the Miss America State Academic Award.

For her talent in the Miss Tennessee Pageant, Winkleman performed a baton-twirling routine to the song "River Deep, Mountain High." She said her grandmother, who is in her 90s, was her high school's first baton twirler and helped pick the song for the routine. "She watched online from Ohio," Winkleman noted.

Childhood obsessive-



Dacey Winkleman's parents show their support after Dacey received the Miss America Organization academic scholarship for the State of Tennessee. Shown left to right is Dacey's mother Jo-Ann Winkleman, Dacey, and Dr. Brad Winkleman, a research physicist with the ATA Technology and Analysis Branch at AEDC. Dacey's parents reside in Moore County. (Photo provided)

compulsive disorder (OCD) is Winkleman's platform and she actively supports awareness of this issue through her campaign "OCD is not as easy as 1-2-3." She has started a support group for families whose children have this disorder and has hosted seminars and visited Chattanooga area schools to work with teachers and children to help raise awareness.

When asked what she valued most from her Miss Tennessee pageant experiences she replied, "I met many nice people from across the state and became close to a few. I had so much in common with some; I'm sure we will be life-long friends." She added

that the variety of people she met and the experiences she shared will help her throughout life, and noted that the judges' questions and evaluations have taught her to see various aspects of herself in new ways and provided guidance for improvement.

Winkleman has family ties with AEDC. Her brother Kyle served four years as an ATA intern with the Advanced Missile Signature Center, and her father, Dr. Brad Winkleman is a research physicist with the ATA Technology and Analysis Branch.

Winkleman's father and mother, Jo-Ann, currently reside in Moore County.



Dacey Winkleman, an ATA Industrial Hygiene intern at AEDC, is crowned Miss Chattanooga by Chandler Lawson, Miss Tennessee 2012. (Photo provided)

Training for joint, U.K. F-35 programs heat up

By Maj. Karen Roganov
33rd Fighter Wing
Public Affairs

EGLIN AIR FORCE BASE, Fla. (AFNS) – The largest fleet of F-35 Lightning II joint strike fighters ramped up to 28 aircraft June 25, bringing in new capability for the F-35 Integrated Training Center as the team trains to provide combat operations capability in the years ahead.

The U.S. Navy's Strike Fighter Squadron-101 received a second F-35C from Lockheed Martin, Fort Worth, Texas. The Navy's variant is designed to land on the decks of aircraft carriers.

"Receiving our jets is an almost indescribable milestone for us," said Navy Capt. John Enfield, commanding officer of VFA-101. "We're excited to be on the ground floor of introducing a generational step forward in combat lethality and battle space awareness for our worldwide deployed forces."

Flying in formation with the Navy F-35C was the final compliment of the third F-35B for the United King-

dom based here as part of an Initial Operational Test & Evaluation Implementing Arrangement. The U.K. trains with the U.S. Marine Corps Fighter Attack Training Squadron-501 and fly each other's jets interchangeably.

This latest United Kingdom F-35B has upgraded software, defined as Block 2A, making it the first such for the combined Royal Air Force, Royal Navy and United States Marine Corps assets at the VMFAT-501.

Having the enhanced software for both the Navy fighters here and now, the VMFAT-501 means pilot training curriculum steadily grows as capabilities come on board.

"An increased use of the digital aperture system, one of the key sensors of the joint strike fighter, marks one such step forward for F-35 training," said Col. Todd Canterbury, commander of the 33d Fighter Wing and overall spearhead for joint and international training here. The Air Force's 58th Fighter Squadron here also trains with the enhanced software, he said.

The fleet continues to

grow toward 59 aircraft scheduled to fly at the F-35 Integrated Training Center, part of Eglin's 33rd Fighter Wing. By the end of this calendar year, the team is planning for 42 of those joint strike fighters to be here, he said.

To date, the three services and the United Kingdom have seen 53 pilots and 857 maintainers qualified to fly and maintain the F-35 as the training progresses. All training is geared toward F-35 initial operating capabilities, according to Canterbury.

The Marines expect to declare F-35B initial operating capability (IOC) late in 2015. The Air Force's target date is by December 2016, and the U.S. Navy is looking at F-35C IOC in February 2019.

While target dates may adjust, a constant for all partners is training for the challenges of working on the 21st century battlefield taking advantage of the unprecedented F-35 with its increased survivability, including advanced information-sharing capabilities setting it to dominate airpower for the next 50 years.



Marine Lt. Col. Roger Hardy, Defense Contract Management Agency F-35 Lightning II acceptance pilot, at DCMA office, Lockheed Martin Ft. Worth, Texas talks over another successful landing at Eglin Air Force Base, Fla., with a team comprise of United Kingdom pilots and maintainers June 25, 2013. Hardy flew in the last of three F-35B variants owned by the United Kingdom and slated to be flown with the other joint strike fighters at the Marine Fighter Attack Training Squadron-501 here. (U.S. photo/Maj. Karen Roganov)

Arnold
Community
Council &
Tennessee Senator
Janice Bowling



JOB ASSISTANCE FAIR

**Tuesday, July 16
9 a.m. - 4 p.m.**

at the
**Manchester-Coffee County
Conference Center**
147 Hospitality Blvd.
Manchester, TN

Agenda:

9 a.m. - 2 p.m.

Career Coach and job preparation assistance

10 a.m. - 4 p.m.

Job fair with expanding companies in the region

Free Event

Everyone should register at www.accjobfair.eventbrite.com

Registration ends: July 16, 8 a.m.

Questions?

Email jobfair13@arnoldcommunitycouncil.com

(931) 212-4093, (931) 454-4574 or (931) 454-7723

The Arnold Community Council was established in 2000 to promote, protect and preserve AEDC and to facilitate interaction and cooperation between the complex and surrounding communities. The Council's Board of Directors represents 13 Southern Middle Tennessee and Alabama counties.



REDUCE, REUSE, RECYCLE

Peavy promoted to Colonel



Col. Brent Peavy (center), the former director of the AEDC Air Breathing Engine Test Branch, is shown during his recent promotion ceremony at AEDC with his father, James Peavy (left), and grandmother, Hazel Peavy. Along with his promotion to colonel, Peavy also received the Second Oak Leaf Cluster to Meritorious Service Medal. He will begin his new assignment at Wright-Patterson AFB, Ohio, in the Air Force Life Cycle Management Center mid-July. (Photo by Jacqueline Cowan)

ATA Golf Scramble winners announced



ARNOLD AIR FORCE BASE, TENN. – ATA recently held their annual ATA Golf Scramble at the Willowbrook Golf Course where three teams were awarded first, second and third place. ATA event sponsorship supported local Science, Technology, Engineering and Mathematics (STEM) programs in Coffee, Franklin and Grundy Counties. First place was awarded to team members (l-r) Henry Sizemore, Bob Thomas, Al Milhoan and Mark Brandon. (Photo by Phil Stich)



Second place was awarded to team members (l-r) Don Malloy, Bob Lindeman, Jim Sirbaugh and Frank Jackson. (Photo by Phil Stich)



Third place was awarded to team members (l-r) Steve Stout, Jim Griggs, Bill Bailey and Dr. Ed Kraft. (Photo by Phil Stich)

Close inspection



Senior Airman Nicholas Smyth inspects an F-15E Strike Eagle during Green Flag-West 13-5 at Nellis Air Force Base, Nev. A typical Green Flag exercise involves two multi-role fighter and/or bomber squadrons, unmanned aircraft, electronic warfare aircraft and aerial refueling aircraft. Smyth is a crew chief assigned to the 4th Aircraft Maintenance Squadron at Seymour Johnson AFB, N.C., (U.S. Air Force photo/Senior Airman Brett Clashman)

Aerospace Testing Alliance employees make a donation to Oklahoma schools

By Kathy Gattis
ATA public affairs

Aerospace Testing Alliance (ATA) employees recently donated \$6,000 to help public schools in Oklahoma after tornados ripped through the area.

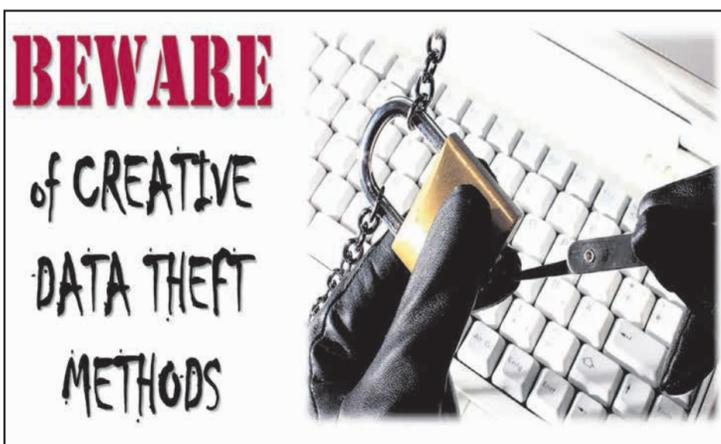
About 282 people at ATA decided to donate their portion of award fee to help the Moore

school system as it recovers from the devastation. The total collected was just over \$5,000 and ATA added another \$1,000 to make the total \$6,000.

Cindi Marshall, president of the ATA Employee and Community Activities Committee, asked that the money be used to promote science, technology, engineering and mathematics (STEM). However, she said the donation can be used for other purposes if needed.

In a letter to school officials, Marshall said, "We also live in small communities and can only guess at the impact the tornados had on every Moore citizen. We wish we could do more. We pray for a quick recovery and peace to those who lost family members."

Marshall also sent the names of all 282 employees who contributed to the Moore Public Schools Tornado Relief Fund.



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Air Force brothers make fitness a family affair



Lt. Col. Ryan Novotny (blue) and his wife Betsy (pink) head to the finish line during the Marine Corps Historic Half Marathon, in Fredericksburg, Va., May 19, 2013. The Novotny family strives to live a healthy lifestyle. (U.S. Air Force Photo by Senior Airman Carlin Leslie)



The Novotny family gathers around the table before brothers, Lt. Col. Ryan and Maj. Reid Novotny get together for a marathon run. (Air Force photo/Senior Airman Carlin Leslie)

WASHINGTON (AFNS) – While fitness is an important part of Air Force life, two brothers have turned a passion for running and fitness into a lifestyle that impacts just about every facet of their and their families' lives.

Lt. Col. Ryan Novotny, and his younger brother, Maj. Reid Novotny, have taken the sport of long distance running into a friendly competition and have involved their families in making running and fitness a way of life.

"My wife, Betsy, and I decided before having children that we would make eating fresh food and exercising a family effort," said Ryan. He explained that he and his wife encourage their kids to participate in as many different sports as possible. "Our goal is to set a good example for our children and show them that fitness is a lifelong pursuit."

To Reid, being fit helps him deal with, not only normal conditions, but those stressful situations as well.

He says fitness goes beyond the physical task of simply exercising. "Whether on the marathon course, the workplace or at home - being prepared and fit to handle these situations takes practice and training. Our family practices being physically, mentally and religiously fit regularly."

Ryan, a congressional legislative liaison in Washington, and Reid, who is on his way to take command of a communications squadron in Japan, are both long distance runners, competing in four marathons and a half marathon together and eight marathons separately.

"Running is a great way to stay close, even if we live in separate areas of the world," said Ryan. "We tell each other how we did during a workout, or if we had a great training run. We talk to each other about injury and nutrition. It keeps us motivated to reach the next goal because we know we will run with each other soon."

Reid said that it was

actually the Air Force Marathon that brought the family together for both Ryan and Reid, as well as their younger brother Ross. "Ryan was stationed at Wright-Patterson Air Force Base in Ohio, and we wanted to see each other. I had run a few marathons at that point and was trying to get Ryan and Ross more interested. That race was our first together."

The Novotny brothers grew up in an environment where friendly competition was encouraged, whether it was on the playing field or in the living room playing board games. That culture of competition between the two Air Force officers continues to this day.

"I held the Novotny brother record for a while, until Ryan ran his first marathon after setting his sights on qualifying for Boston," said Reid. "I ran a 3:05, and I know Ryan and Ross have trained well enough to beat this record. I secretly hold my breath every time they go out to

run. I suspect the record will fall again soon, which means I'll be running a lot in the upcoming year."

That competitive drive temporarily took a back seat this past April, when the two brothers, along with more than 23,000 fellow runners, were shocked and numbed by two blasts that killed three and injured more than 100 at the Boston Marathon.

"We had decided that the finish line would be too crowded, so my family cheered me on at mile 24, getting me through the home stretch," said Ryan. "I finished an hour before the first blast...and went back to the hotel where my wife and kids were waiting for me. On our way home we heard the news on the radio, then saw a dozen emergency vehicles leaving Boylston St. with the first

wave of victims. I immediately called Reid to see where he was at...and was relieved that he was OK. Then over the next hour and a half, we spent our time replying to phone calls, emails, Facebook posts and text messages from more than 100 people concerned about us and our families."

While unhurt, Reid's brush with tragedy was a little too close for comfort. "I had trained pretty hard to get into Boston, but had not been running enough to have a good time," said Reid.

"After a pretty tough race, I finished in a disappointing time for me and walked through the finishing area and sat down to the side for about 15 minutes. At that point I got up and walked to the T train to head back to my hotel. While in the T, there was

little or no cell coverage. After a 15-minute ride I had five voicemails and 10 text messages asking me if I was OK. I came to find out I finished 17 minutes before the first bomb went off and was entering the T station, about a block away, when the bombs went off." Reid added that he was thankful that his wife and daughter were not able to attend, "because there is no doubt in my mind we all would have been at the finish at that exact time."

With Reid headed to Japan for a new assignment and a new position as a squadron commander, he says the move won't stop that competitive spirit between him and his brothers. "I've planted the seed with both of them, and I'm encouraging them to come to Tokyo for the big marathon."

Winners of the 2013 Miss AEDC Pageant



Tiny Miss AEDC:
Hallie Grace Tipps



Little Miss AEDC:
Abigaile Vandagriff



PreTeen Miss AEDC:
Kera Jo Marlow



Junior Miss AEDC:
Gracie Alyn Richardson



Miss AEDC:
Micah Willis

Fishing Rodeo Results

Age 5-7:

- 1st Place Ashlyn Waller
- 2nd Place Caityn Cashton
- 3rd Place Byron Reed

Age 8-10:

- 1st Place Zane Hopf
- 2nd Place Chandler Hinson
- 3rd Place Jaden Rankin

Age 11-12:

- 1st Place Zach Sheely
- 2nd Place Drake Sizemore
- 3rd Place Christopher Matthews

Age 13-15

- 1st Place Cooper Cowen
- 2nd Place Hunter Champion
- 3rd Place Braden Matthews

Longest overall fish: Zane Hopf, 13 inches

Casting Contest Winner: Tiffany Limbaugh

See rodeo picture on page H3.

Family Moonlight Golf in August

Arnold Golf Course will host two Family Moonlight Golf events, Aug. 3 and 24, from 8:30-11 p.m. Moonlight golf consists of playing after the sun goes down and using glow in the dark balls and other glow items to identify the holes, paths, and carts. Cost is \$20 per person or \$10 if you already pay annual fees at Arnold Golf Course. Cost includes green fee, cart, and two glow balls. The format for Aug. 3 will be 9-holes two person select shot scramble. Aug. 24 format will be 9-holes four person select shot scramble. Call 454-GOLF to sign up by the Wednesday prior.



ALC Features New Menu Items in August

If you haven't been to Arnold Lakeside Center lately then we invite you to stop by and try our new menu. There are a lot of new items with something to please everyone. From bruschetta to chicken and waffles to fish tacos and chicken lettuce wraps. There are even specialty burgers and chicken pot pie. Pizzas are still available in a variety of selections. The dining room is open Thursday from 5-8 p.m. during free movie night and open Friday and Saturday from 5-9 p.m. Call ahead, 454-3350, for advance or to go orders. In August, every Friday will feature a different menu item:

Aug. 2: Margerhita Pizza – House Special - tomato, fresh mozzarella, basil and garlic infused olive oil

Aug. 9: Strawberry, Bacon and Blue Cheese Salad – spring mix, strawberries, bacon, blue cheese, walnuts and blush wine vinaigrette

Aug. 16: Memphis Burger – 5 oz. hand formed fresh ground beef patty featuring bacon, slaw and tangy barbecue sauce



Chicken and Waffles

Aug. 23: Apple and Goat Cheese Salad – spring mix, green apple, goat cheese, walnuts, grapes and lemon balsamic vinaigrette

Aug. 30: Chicken and Waffles – three chicken tenders atop two Belgian waffles drizzled with maple syrup



Memphis Burger

Arnold Golf Course offers Junior Golf Program Aug. 5-9

A youth player development program is being offered at Arnold Golf Course Aug. 5-9 from 5:30-7 p.m. Monday through Thursday and 5:30-8 p.m. Friday. This program makes learning the game easy and affordable, but most of all, fun. Junior Golf is designed to give children ages 6-17 years old the love of a game they'll play for a lifetime. Junior Golf provides participants with a solid foundation about the game of golf, including swing mechanics, etiquette, terminology, proper behavior, and how to maintain speed of play. For \$99 participants receive eight hours of small group instruction to include on the course experience. Equipment

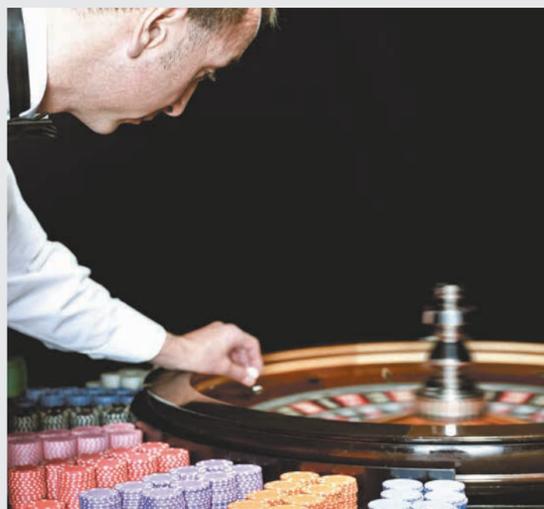
is provided for the class or participants may bring their own clubs. The Junior Golf Program provides a relaxed learning atmosphere without the intimidation factor, with emphasis on having fun. Deadline to sign up for this program is July 31. Parents of participants will receive a 15% off coupon for Arnold Lakeside Center (ALC) for Thursday and Friday night (Aug. 8-9). The ALC is open for dinner 5-8 p.m. Thursday and 5-9 p.m. Friday. For information on Arnold Lakeside Center or to place advance or to go orders call 454-3350. For more information about the Junior Golf Program and to sign up call 454-GOLF.

Family Fun Daze comes to ALC Aug. 3 and 31 for members only

Arnold Lakeside Center will host Family Fun Daze Aug. 3 and 31 for members, their families and guests only. Both events will be held from 10 a.m. to 2 p.m. for free as a member benefit. The events will include a kids' buffet which includes chicken tenders, macaroni and cheese, pizza, tater tots, jello,

and pudding. The adults' buffet will include salad, fried chicken, barbecue, cole slaw, green beans, vegetable medley, and rolls with butter. Entertainment will include a bouncy castle, face painting, coloring, balloons, door prizes and a special magician performance from 12-1 p.m.

Casino Night is back at ALC Aug. 24



The ever-popular Casino Night returns to Arnold Lakeside Center Aug. 24 for ages 18 and older. Gaming will be from 7-10 p.m. and includes craps, roulette, blackjack and wheel of fortune. Participants are given play money to try their hand at these games to increase their dollars which will then be used at a prize auction beginning at 10:15 p.m. The dining room will be open from 5-9 p.m. with full menu available.



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 Bryan

This Services supplement is published by *The Tullahoma News*, a private firm in no way connected with the U.S. Air Force, under exclusive written contract with Aerospace Testing Alliance (ATA). This supplement is an authorized publication for members of the U.S. military services. Contents of this supplement are not necessarily the views of, or endorsed by, the U.S. Government, the Department of Defense, the Department of the Air Force or ATA. Services is an exclusive area available to all AEDC personnel, active duty, retired military, National Guard, Reserve military and others as approved by the commander. Services activities include Wingo Inn (lodging), Arnold Lakeside Center (Club, Community Center, Information, Tickets & Travel (ITT), Barber Shop, Café 100), Outdoor Rec (Marina, FamCamp, Crockett Cove, Dogwood Ridge), Golf Course and Fitness Center. Those mentioned above are eligible to use any Services activity during regular operating hours unless it is specified as a "members only" event. Membership is a personal choice. However, only members are entitled to discounts and other benefits associated with membership.

Services Division Phone Numbers

Area code 931 DSN 340
 Services Chief – 454-7779
 Services Deputy – 454-5915
 Community Services Flight Chief – 454-4062
 Arnold Lakeside Center (ALC) – 454-3350
 Arnold Lakeside Center catering – 454-3350
 Café 100 – 454-5885

Membership Information – 454-3367
 Information, Tickets & Travel – 454-3303
 Barber Shop – 454-6987
 Gossick Leadership Center – 454-4003
 Human Resources – 454-5481
 Marketing & Sponsorship – 454-3128
 Recycling – 454-6068

Wingo Inn – 454-3051
 Fitness Center (FC) – 454-6440
 Golf Course (GC) – 454-GOLF (4653)
 Mulligan's Coffee Bar and Grill - 454-FOOD (3663)
 Outdoor Recreation (ODR) – 454-6084
 includes Marina, FamCamp,
 Crockett Cove &
 Dogwood Ridge

August 2013

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 FC Cycling Class 11 a.m. FC Interval Class 3:30 p.m. ALC Movie Night "Jurassic Park" PG-13 6:30 p.m. dinner available 5-8 p.m.	2 FC Boot Camp 6 a.m. FC Yoga 11 a.m. ALC Menu Feature: Margerhita Pizza ALC First Friday Jam 6 p.m.	3 ALC Family Fun Daze members only event 10 a.m. – 2 p.m. ODR FamCamp Guests free movie, "G. I. Joe: Retaliation", PG-13, 7:30 p.m. ALC Singles 8-Ball Pool Tournament, 6 p.m., age 18+ GC Moonlight Golf, 8:30 p.m., \$20/\$10, 454-GOLF
4 ODR Camping Guests Lake Tour, 12-2 p.m., \$5	5 FC Boot Camp 6 a.m. FC Yoga 11 a.m. FC Cycling Class 11 a.m. GC Junior Golf Program begins, 5:30 p.m.	6 FC Cycling Class 11 a.m. FC Interval Class 3:30 p.m.	7 FC Boot Camp 6 a.m. ALC Café 100 BBQ lunch special \$6 FC Yoga 11 a.m.	8 FC Cycling Class 11 a.m. FC Interval Class 3:30 p.m. ALC Movie Night "The Host" PG-13 6:30 p.m. dinner available 5-8 p.m.	9 FC Boot Camp 6 a.m. ALC Jewelry Fair, Café 100, 8 a.m. – 2 p.m. FC Yoga 11 a.m. ALC Menu Feature: Strawberry, Bacon and Blue Cheese Salad ALC Brushes and Bottles, \$25, 6-8 p.m., sign up by Aug. 6, 454-3350	10 ODR Kayaking for Beginners Class, 9 a.m., \$10
11	12 FC Boot Camp 6 a.m. FC Yoga 11 a.m. FC Cycling Class 11 a.m.	13 FC Cycling Class 11 a.m. FC Intro to High Intensity Interval Training, 11:15 a.m. FC Interval Class 3:30 p.m.	14 FC Boot Camp 6 a.m. ALC Café 100 BBQ lunch special \$6 FC Battlefield Day, 11 a.m., A&E Track FC Yoga 11 a.m.	15 FC Cycling Class 11 a.m. FC Intro to High Intensity Interval Training, 11:15 a.m. FC Interval Class 3:30 p.m. ALC Movie Night "42," PG-13 6:30 p.m. dinner available 5-8 p.m.	16 FC Boot Camp 6 a.m. FC Yoga 11 a.m. ALC Menu Feature: Memphis Burger	17 ODR Basics of Canoeing, 9 a.m., \$10, sign up day prior, 454-6084 ALC Ballroom Boot-camp, \$30, 5-9 p.m., sign up by Aug. 13, 454-3350 ALC Members Only Texas Hold Tournament, 6 p.m.
18 ODR Camping Guests Lake Tour, 12-2 p.m., \$5	19 FC Boot Camp 6 a.m. FC Yoga 11 a.m. FC Cycling Class 11 a.m.	20 FC Cycling Class 11 a.m. FC Interval Class 3:30 p.m.	21 FC Boot Camp 6 a.m. ALC Café 100 BBQ lunch special \$6 FC Yoga 11 a.m.	22 FC Cycling Class 11 a.m. FC Interval Class 3:30 p.m. ALC Movie Night "After Earth," rated PG-13 6:30 p.m. dinner available 5-8 p.m.	23 FC Boot Camp 6 a.m. FC Yoga 11 a.m. ALC Menu Feature: Apple and Goat Cheese Salad ALC Dart Tournament, 6-9 p.m., 301 & Cricket, monthly prizes, Oct. championship with grand prize	24 GC Club Championship, 8 a.m., 2 days, \$40, 454-GOLF ODR Kayaking for Beginners Class, 9 a.m., \$10 ALC Casino Night, 5-11 p.m., dining room open 5-9 p.m. ALC Members Only Texas Hold Tournament, 6 p.m. GC Moonlight Golf, 8:30 p.m., \$20/\$10, 454-GOLF
25	26 FC Boot Camp 6 a.m. FC Yoga 11 a.m. FC Cycling Class 11 a.m.	27 FC Cycling Class 11 a.m. FC Interval Class 3:30 p.m.	28 FC Boot Camp 6 a.m. ALC Café 100 BBQ lunch special \$6 FC Dog Day Challenge, 11 a.m. FC Yoga 11 a.m.	29 FC Cycling Class 11 a.m. FC Interval Class 3:30 p.m. ALC Movie Night "Epic," rated PG 6:30 p.m. dinner available 5-8 p.m.	30 FC Boot Camp 6 a.m. FC Yoga 11 a.m. ALC Menu Feature: Chicken and Waffles ALC Last Friday Trivia 6:30 p.m.	31 ALC Family Fun Daze members only event 10 a.m. – 2 p.m. ALC Singles 8-Ball Pool Tournament, 6 p.m., age 18+ ALC Members Only Texas Hold Tournament, 6 p.m. ODR FamCamp Guests free movie, "Jack the Giant Slayer," PG-13, 7:30 p.m.

Hours of operation

Arnold Lakeside Center: Catering/Management offices by appointment. Operations Clerk Tuesday, Thursday and Friday 7:30 a.m.-4 p.m. Dinner: full menu available Thursday 5-8 p.m., Friday and Saturday 5-9 p.m.; Main Bar Thursday 5-8 p.m., Friday 4-10 p.m. and Saturday 5-9 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 p.m.
Barber Shop: by appointment – Monday, Tuesday, Thursday & Friday 8 a.m. – 4 p.m.
GLC (office located at Arnold Lakeside Center): Monday through Friday 7:30 a.m. – 4 p.m. May vary depending on bookings.
Outdoor Rec: Tuesday through Sunday 8 a.m. – 6 p.m. FamCamp Store Friday through Sunday 12-4 p.m. Also open Monday when in conjunction with a holiday weekend.
Fitness Center: Monday-Friday 5 a.m.-7:30p.m.; Saturday 8 a.m.-1 p.m.; Sunday Closed.
Arnold Golf Course: Pro Shop & Driving Range 7 a.m. – 7:30 p.m. Closed during inclement weather. 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 7 a.m. – 2 p.m.
Recycling: Monday through Friday 6 a.m. – 2:30 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.-6:30 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 Christopher Floden, BX manager, at (931) 454-7153 or Patrick Jordan, Commissary manager, at (931) 454-5921.

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 June 2013 totaled \$6,382.07.

Arnold Golf Course
454-GOLF 454-FOOD

Check us out on Facebook!
Arnold AFB Services Golf Course

2013 Tournament Schedule
July 20-21 Arnold Tri-City Open Championship
Aug. 24-25 Club Championship
Sept. 5 AEDC Golf League Awards Banquet
Sept. 19 Thursday Night Scramble Ends
Sept. 21 Member Mem-

ber Tournament
Oct. 5 Season Ending Tournament

Arnold Golf Course will host the **Club Championship** for annual green fee players only Aug. 24 and 25 with an 8 a.m. shotgun start both days. Play will be individual stroke for 36 holes. Entry fee is \$40 and includes lunch on Sunday. Cart is not included. Sign up in the Pro Shop by Aug. 17.

Sausage and biscuits available in the Pro Shop Monday through Friday. If you have an early golf outing during the week grab a quick breakfast before you

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

Mulligan's Coffee Bar & Grill is open 10:30 a.m. to 2 p.m.

Monday through Friday and 7 a.m. to 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

Arnold Lakeside Center **Dart Tournament** continues in The Landing consisting of 301 and

Cricket ending Oct. 18 with a championship finale. There will be two single elimination tournaments from 6-9 p.m. each night – July 19, Aug. 23 and Sept. 20 – following American Darts Organization rules. Players may enter both the 301 and Cricket tournaments. There will be a continuing points system with point totals going toward the final seeding for the championship tournament to be held Oct. 18. Points will be as follows: 1st place – 8 points, 2nd place – 7 points, 3rd – 6 points, 4th – 5 points, 5th – 4 points, 6th – 3 points, 7th – 2 points and 8th – 1 point. Services Bucks

See BRIEFS, page H3

BRIEFS from page H2

will be awarded to 1st and 2nd place finishers in each monthly tournament. The championship winners will receive a set of darts. If the same person wins both championships then the two second place finishers will have a playoff to determine the other champion. This event is for ages 18 and up. Darts will be provided or players may bring their own ADO regulations darts.

Arnold Lakeside Center welcomes Amberly Robinson as the instructor for **Ballroom Bootcamp** to be held 5-9 p.m. July 20 and Aug. 17. Amberly brings 20 years of dance experience and expertise. Each class is \$30 per couple and is for all ages. The class begins with basics in ballroom partnering and rhythm from 5-5:15 p.m. Then it is right into Two Step 101 from 5:15-6 p.m. followed by Salsa 101 from 6:15-7 p.m. A recap video will be from 7-7:30 p.m. and social dancing will continue until 9 p.m. Any level of dancer is welcome. The dining room will be open 5-9 p.m. Call 454-3350 to sign up by July 16 or Aug. 13.

Arnold Lakeside Center's five week **Singles 8-Ball Pool Tournament** continues in The Landing for ages 18 and older. The tournament is double elimination played by United States Professional Pool players Association rules from 6-9 p.m. Regular tournament games will continue July 27, Aug. 3 and 31. Seeding in the regular tournaments will be by random draw. There will be a continuing points system with the point totals going toward the final seeding in the championship tournament. Points will be as follows: 1st place – 8 points, 2nd place – 7 points, 3rd – 6 points, 4th – 5 points, 5th – 4 points, 6th – 3 points, 7th – 2 points and 8th – 1 point. All players will be allowed to play in the championship tournament. Players are not required to be at every tournament. The championship games will be played Sept. 7. Players may bring their own pool cues. Regular games first and second place winners will receive Services Bucks. The championship winner will receive a new pool cue.

First Friday Jam will be held 6 p.m. Aug. 2. Come to play, listen, dance and enjoy. Join in with the band to play an instrument or sing. Or take over and do your own performance. Dinner is available from 5-8 p.m.

Welcome back Pretty Discoveries for a **jewelry fair** Aug. 9 in Café 100 from 8 a.m. to 2 p.m. All jewelry prices are below \$20 and there may be other merchandise available. The next jewelry fair is scheduled for Nov. 15.

Brushes and Bottles will be held 6-8 p.m. at the GLC Aug. 9. Bring your favorite beverage and get ready to get creative as an instructor will lead you through a canvas painting

work of art step-by-step. By the end of the evening you will have your own masterpiece to take home. A different design will be done each month. These painting parties are for all skill levels ages 21 and over with a cost of only \$25 per person. All paint, brushes, aprons, easels, canvas and other necessary materials will be provided. All you have to bring is your beverage of choice. Light snacks will be provided and other beverages will be available for purchase. Deadline to sign up for this event is Aug. 6. Class size is a maximum of fifteen. Call 454-3350 to sign up or for more information.

Arnold Lakeside Center will host a **Members Only Texas Hold 'Em Tournament** every Saturday beginning Aug. 17 through Oct. 12, excluding Sept. 21 due to special function. Play will begin at 6 p.m. in The Landing bar. There is no cost to enter but all players must be age 18 or older. Players will be divided evenly among tables in random draw placement each week. The number of tables will be determined by the number of participants each week. Tables will be responsible for the deal at each table. A dedicated dealer will be provided for the championship table. As players are eliminated, the number of remaining players will be redistributed throughout the night to make as many even-number tables of players per game until the final eight. Placement points will be determined by finishing ranking each week once the player pool gets down to the final eight players of the night. Players eliminated before final eight will not receive points. Point placement is as follows: eighth place: 1 point, seventh place: 2 points, sixth place: 3 points, fifth place: 4 points, fourth place: 5 points, third place: 6 points, second place: 7 points, first place: 8 points. A running seven-week tally of total weekly points will determine the ranking order to decide who plays in the final championship round. The Championship Table will be made up of the top 8 players plus any ties from the seven-week standings. Winning a single week does not guarantee a seat at the Championship Table. Seats are decided by point ranking only. Play will be single elimination. Prizes will be given to top two winners each week. Grand prizes will be given to the top three finishers in the championship. There will also be a perfect attendance finals table for anyone who did not get into the championship table but attended each of the seven week events. Prizes will be awarded to the top three finishers at the perfect attendance finals. Dinner is available every Saturday from 5-9 p.m.

Last Friday Trivia Contest will be July 26 and Aug. 30. Trivia starts at 6:30 p.m. with questions in random categories. Teams may have up to four people.

No cell phones are permitted during the event. Anyone using a phone while a question is underway will be disqualified. There are eight rounds with three questions per round. For rounds 1-4 teams have two, four and six points to wager per round. Rounds 5-8 teams will have four, eight and twelve points to wager per round. Only one points value may be used per question. For example, if you wager four points on the first question then you must choose either two or six points for the next question. Whichever value is left must be used for the final question in that round. After the eighth round, teams may wager up to their total points earned for the final question. Prizes are awarded for top finishers.

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

Fitness Center 454-6440

Check us out on Facebook! Arnold AFB Services Fitness Center

Hot 250 continues through the end of July. This

event challenges participants to log 250 miles on a bicycle during the month. Use your own bike or check one out from the Fitness Center. Participants completing the challenge will receive an incentive. Contact Joe Watters at the Fitness Center for details.

Introduction to High Intensity Interval Training will be held Aug. 13 and 15 from 11:15 am. – 12 p.m. High intensity interval training describes any workout that alternates between intense bursts of activity and fixed periods of less-intense activity or even complete rest. These sessions are designed to introduce fitness enthusiasts to the varieties and benefits of High Intensity Interval Training.

Battlefield Day is set for Aug. 14 beginning at 11 a.m. This event will be a field day at the running track behind the A&E building consisting of a four person 400 meter relay (1 lap each), 60 meter sprint, tire hammer and toss and tug of war. The tire hammer and toss consists of hitting a tractor tire twenty full swings then flipping it as many times as possible in thirty seconds. Services prizes will be given to the winners in each event. T-shirts will be given to the first 30 to sign up. Call 454-6440 for more details or to sign up.

The Health and Wellness Center (HAWC) will host a **Dog Day Challenge** event Aug. 28 at 11 a.m. in front of the Fitness Center. This event will consist of timed circuits of tire flips, weighted sled push, weighted sled pull, two-handed medicine ball chest pass for distance. First, second and third place overall time in all events will receive prize. The first twenty-five to sign up will receive an event t-shirt. Call 454-6440 to sign up.

Group Class Schedule: (for eligible users only)

Boot Camp Monday, Wednesday and Friday 6-7 a.m.

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

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

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

Outdoor Rec (ODR) 454-6084

Check us out on Facebook! Arnold AFB Services Outdoor Recreation

Did you know ODR now has disc golf? Disc golf is a flying disc game in which individual players throw a flying disc at a target. Much like golf, the object of the game is to tra-

verse a course from beginning to end in the fewest number of throws of the disc. The ODR course targets are portable so course location may change. Initial plans are to begin in the softball outfield behind the ODR building. Players may play for free with their own discs or rent discs from ODR for \$1 each. There are different sizes and weights of discs much like different clubs in golf to better serve the needs of the target desired. For more information on disc golf call ODR at 454-6084.

Basics of Canoeing is a beginners' introduction course to canoeing. Come join us Aug. 17 as we have a day on the water exploring canoeing. Meet at the Crockett Cove pavilion at 9 a.m. where guests will learn about the canoe, equipment, emergencies, and wet exits. Following the class room time, participants will pair up (2 people per canoe) and load equipment to go to the beach and practice entering, maneuvering, paddling and turning. A wet exit, basic self-rescue, and additional strokes will also be practiced. Participants will then take a tour of the lake to practice their new skills. The class will be approximately 5 hours in length.

See BRIEFS, page H4

August Movie Schedule

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

	
Aug. 1	Aug. 8
	
Aug. 15	
	
Aug. 22	Aug. 29

Aug. 1 – “Jurassic Park,” rated PG-13 (2 hr. 7 min.) starring Sam Neill, Laura Dern and Jeff Goldblum. During a preview tour, a theme park suffers a major power breakdown that allows its cloned dinosaur exhibits to run amok.

Aug. 8 – “The Host,” rated PG-13 (2 hr. 5 min.) starring Saoirse Ronan, Diane Kruger and Max Irons. When an unseen enemy threatens mankind by taking over their bodies and erasing their memories, Melanie will risk everything to protect the people she cares most about, proving that love can conquer all in a dangerous new world.

Aug. 15 – “42,” rated PG-13 (2 hr. 8 min.) starring Chadwick Boseman, Harrison Ford, and Nicole Beharie. The life story of Jackie Robinson and his history-making signing with the Brooklyn Dodgers under the guidance of team executive Branch Rickey.

Aug. 22 – “After Earth,” rated PG-13 (1 hr. 40 min.) starring Jaden Smith, Will Smith and Sophie Okonedo. A crash landing leaves Kitai Raige and his father Cypher stranded on Earth, a millennium after events forced humanity’s escape. With Cypher injured, Kitai must embark on a perilous journey to signal for help.

Aug. 29 – “Epic,” rated PG (1 hr. 42 min.) starring voices of Colin Farrell, Josh Hutcherson, and Beyonce Knowles. A teenager finds herself transported to a deep forest setting where a battle between the forces of good and evil is taking place. She bands together with a rag-tag group of characters in order to save their world – and ours.

The Green Scene

brought to you by Services Recycling Program

Recycling Stats

The plastic recycling industry provides jobs for more than 52,000 Americans workers



Arnold recycled 7.1 tons of plastic last year

Just 5 plastic soda bottles yield enough fiber for 1 XL t-shirt, 1 sq ft of carpet or filling for 1 ski vest.

Every 3 months Americans landfill enough aluminum to rebuild our entire commercial air fleet



Arnold recycled 1,240 pounds of aluminum last year

Thank You from The Green Team
 Robbie Evans (manager), Doug Richards, Matt Gluck
 931-454-6068

2013 AEDC Fishing Rodeo



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.

BRIEFS from page H3

Cost is \$10 and the class is for ages ten and older. There must be at least four to take the course and no more than ten. Sign up by Aug. 16.

FamCamp outdoor movie nights will be July 20, Aug. 3 and 31. If you are camping over these weekends you can enjoy an outdoor movie for free on Saturday beginning at 7:30 p.m. Bring your chairs or blankets to the open grass area behind the upper bathhouse. Free caramel popcorn will be provided. The movies are as follows:

July 20 – “Oz the Great and Powerful,” PG, 2 hr. 10 min. A small-time magician is swept away to an enchanted land and is forced into a power struggle between three witches.

Aug. 3 – “G. I. Joe: Retaliation,” PG-13, 1 hr. 50 min. The G. I. Joes are not only fighting their mortal enemy Cobra; they are forced to contend with threats from within the government that jeopardize their existence.

Aug. 31 – “Jack the Giant Slayer,” PG-13, 1 hr. 54 min. The ancient war between humans and a race of giants is reignited when Jack, a young farmhand fighting for a kingdom and the love of a princess, opens a gateway between the two worlds.

Camping Guests Lake Tour is scheduled for 12-2 p.m. July 21, Aug. 4 and 18. ODR will be hitting the open lake in the SS Stewart to explore the history of Woods Reservoir. Learn about the islands, buildings, and other sites that make this area unique. The lake tour is \$5 and open to guests staying in FamCamp, Crockett Cove and Dogwood Ridge. The lake tour will depart from the docks of FamCamp at noon.

Kayaking for Beginners Class will be held at Crockett

Cove July 27, Aug. 10 and 24 from 9 a.m. to 1 p.m. This is a beginners’ introduction to learn about the kayak, equipment, emergencies and wet exits. Following the classroom time, participants will load up equipment and go down to the beach to practice entering, maneuvering, paddling and turning. A wet exit, basic self-rescue and additional strokes will also be practiced. Participants will then take a tour of the lake to practice their newfound skills. The class will be approximately four hours. Make sure you wear appropriate clothing and bring sunblock. This class is for ages ten and up and cost is \$10 per person. There must be at least three to hold the class and maximum class size is six.

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

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

RV and Covered Boat Storage slots available. Outdoor Rec has slots available in the RV storage yard. Each slot is 30 ft. long and 10 ft. wide and rents for \$25 per month or \$250 per year. The covered boat storage has 9 slots open. The boat storage slots are 40 ft. long and 12 ft. wide and rents for \$45 per month or \$450 per year. Both storage yards require proof of registration and insurance of item placing in storage along with a signed contract based on length of stay. Access to the storage yard will be granted at the time the contract is signed. Call for more details or to reserve your slot.

Outdoor Rec inflatables! There is an assortment

of inflatables for almost everyone’s needs. We have a huge backyard obstacle challenge measuring 40’L x 10’W x 13’H, and a double lane jump slide for only \$150 per day. We also have a giant basketball hoop for \$30 per day and a Rocket Bounce House for \$75 per day. If you need a water slide then our 18’ Double Drop Wet/Dry slide will be great for any event and is only \$150 per day. Please contact Outdoor Recreation at 454-6084 to make your reservation today!

Teambuilding Facilitation now available through Outdoor Rec. Book your team building event at least two weeks in advance and customize your activities to include

leadership, communication, trust, conflict resolution and more. Our kit has 289 activities and can serve up to 120 participants. Large group challenges can accommodate up to 60 people. This equipment must be facilitated by an Outdoor Rec staff member and is not available for rent for private use. Department of Defense organizations may utilize the program for free. All others have the option of half day (4 hours) for \$50 or full day (8 hours) for \$100. Call to find out more information or book your team building event.

Reservation Policy: FamCamp, Crockett Cove and Dogwood Ridge reservations may be made 45 days in advance for active

duty and reserve military, 40 days for retired military, and 30 days for all other qualified personnel. Boat reservations may be made 15 days in advance for active duty and 10 days for other eligible individuals. All reservations are made through the Outdoor Recreation by stopping by or calling 454-6084.

**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 \$53.25 per night. Please call 454-3051 for reservations.

**AEDC Woman’s Club
393-2552**



Pictured standing left to right: Barb McGuire, Olga Brindley, Suzanne Rutley, Liz Jolliffe, Theresa Toth, Anne Wonder, and Patricia Mathis. Pictured seated left to right: Lorraine Singer, Sande Hayes, Monica Skelton, and Elaine Eubanks.

The AEDC Woman’s Club new board members met at the Celtic Cup in Tullahoma to plan for the 2013-2014 year of meetings starting September 3, 2013; plus planning for major reminiscences of the past 60 years of the Woman’s Club. Our club meets the first Tuesday of the month from September

through May. For information about the club or membership, please contact Monica Skelton at 393-3698 or Liz Jolliffe at 393-2552.

This is a private organization which is not part of the Department of Defense or any of its components and it has no governmental status.