



HIGH MACH

Serving the World's Premier Flight Simulation Test Center



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Machinists' skill, craft made B-52 soar in 16T

By Patrick Ary & Shawn Jacobs
Aerospace Testing Alliance

R.D. Green sits in a chair, patiently filing away tooling marks where an engine pod has been joined to an airplane wing.

The area he's buffing out is about the size of a quarter – on a seven-foot long piece of metal. Nearby, fellow ATA machinist Derrick Burton is putting the finishing touches on another wing's engine pod.

All around them are other huge chunks of metal that have been fabricated to complete their masterpiece: a fuselage on a cart, segments of the plane's body and the mount that eventually held it in place in AEDC's Propulsion Wind Tunnel 16T.

"Everybody who's had something to do with it has done some polishing at some time," Green said.

When you compare the size of the pieces around him to the surface area Green is polishing, you get an idea of how much work has gone into creating the B-52 model tested in 16T. It started as giant blocks of aluminum and stainless steel that have been honed into a scale

version of the plane that is precise down to the final touches.

Green has worked as a machinist at AEDC for 39 years and worked on several models, but this is the first time a model of this size has ever come through the Model Shop. When the team first received word of the project, it was nothing more than a drawing on a piece of paper. Then they were told the model would only have about 14 inches of clearance on either side in the 16-foot wind tunnel. Green said the size of what they were being asked to build took everyone by surprise.

"I had never thought about doing something like this," Green said. "It's an interesting job."

Green worked on the real B-52 when he was an Airman from 1968-1972. He was a machinist then as well and made parts for the real thing, saying he worked "all the way from the top of the tail to the nose and everything in between."

Now he's actually helped build one, albeit a smaller version that will never



Machinist R.D. Green files away tooling marks on a wing of the B-52 being built in AEDC's Model Shop May 22. (Photo by Philip Lorenz III)

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Technical Library rolls out online language course

New learning program available to military, civilians and contractors

By Philip Lorenz III
Aerospace Testing Alliance

When AEDC's Technical Library first offered the Air Force Library and Information Systems' (AFLIS) Transparent Language Online program for learning foreign languages in October, people on base took notice.

According to Fred Rascoe, the lead at AEDC's Technical Library, the program is available to provide all military, civilian and contractor personnel with language instruction via Transparent Language Online.

"The Air Force has been rolling it out

all over at all their bases," he said. "More than 70 people have signed up at AEDC so far. Learning a language would make a great New Year's resolution."

Edna Stovall, an ATA help desk analyst at AEDC's Base Network Control Center, said signing up for the program just made sense.

"We all need to know a second language and to me it makes more sense to learn Spanish than any other," she said. "People come to the United States from other countries and they all seem to know the English language along with their native language."

"I truly believe our children are behind in this and should be taught a second language beginning with the first grade if not before."

I've had good intentions for years to try and learn but never seem to have the

time. I cannot afford the Rosetta Stone package so the Transparent Online Library is the way for me. It's free and I've already begun having fun repeating the tutor. Who knows...I may even go to Texas one day and I'm sure Spanish will come in handy."

Melinda Mosley, an Air Force Services Agency administrative librarian, said Transparent Language Online represents the latest service of the type that the Air Force has provided for years.

"Air Force libraries have offered language resources for decades, beginning with books and records in the 1950's and 1960's, and then moving into CDs, DVDs, and now online programs, and downloadable e-books and audio books," she said. "A number [of] our libraries had separate contracts for online language learning products, and this was a move

to create efficiencies, as well as provide the resource to a larger group of our Air Force customers."

Mosley said the Training Language Online program offers 80 languages and contains video-based grammar lessons, rich social media resources, and cultural learning resources for language learners at all proficiency levels.

"This product is not for any type of training," she said. "It is not for any type of pre-deployment training. It's for personal enrichment."

Dr. Doug Garrard, the chief technologist at AEDC's Aerodynamic and Propulsion Test Unit (APTU), also signed up for the language program.

"I get to travel overseas occasionally in

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Former AEDC pilot reflects on military career

By Philip Lorenz III
Aerospace Testing Alliance

As the number of surviving World War II veterans continues to decline, the opportunity to record their wartime experiences is slipping away.

One example is a former active duty Air Force AEDC employee named Hugh Killingsworth, who flew missions over "The Hump" during World War II as an Army Air Corps pilot.

"The Hump" is a name the pilots who flew the wartime resupply missions to China came up with because the route required flying approximately 650 miles at 15,500 feet from India to China over the Himalayan mountain range.

At 91, Hugh Killingsworth seems to have no trouble in recounting the highlights of his life, especially those from his military career, or finding the humor in many of those experiences.

His time at AEDC was short, from 1971 to 1972,



Hugh Killingsworth, former operations officer at AEDC in the early 1970s, holds his flight insignia and one of the ribbons he earned during World War II. (Photo by Philip Lorenz III)

where then Lt. Col. Killingsworth was the operations officer for Arnold's Convair T-29, the sole aircraft assigned to the base. One highlight of his brief time at AEDC was meeting a famous passenger who was flown to AEDC for a visit.

"Neil Armstrong, he came out to the base and my son was here from the academy," said Killingsworth, whose son wanted to meet the astronaut. "He (Armstrong) was a little shy and kind of shrugged off my introduction to my

son."

Killingsworth is especially proud of the time he spent flying "The Hump" during World War II, and his service during the Vietnam War.

"I just think that I did my part [in] helping my

country," he said. "It wasn't anything special – I didn't feel like it was – I was just doing my job."

He recalls that the Japanese were not the greatest obstacle to flying "the Hump."

"The weather was the big thing," said Killingsworth, who made 97 round trips to China during World War II. "We lost so many aircraft they called it the 'aluminum trail' from India to China. I got so used to [it] that I could look down and identify where I was."

While an Alabama Polytechnic University (now Auburn) senior studying agricultural science, with one semester short of graduating, the next chapter of Killingsworth's life began when the Japanese bombed Pearl Harbor resulting in the U.S. entering World War II.

"My draft board back in Sumter County [Alabama] had passed by me one day and said, 'you're going,

See PILOT, page 4

Visitors Center closing for the holidays

The AEDC Visitors Center will be closed in observance of the Christmas and New Year holiday break from 3:30 p.m. Dec. 23 through Jan. 2.

Personnel who are working during this time and have an emergency need for a common access card that would result in a work stoppage may contact the Base Operations Center at 454-7752 for emergency assistance.

Personnel requiring base access during this time who have lost or forgotten their base entry badge or CAC may contact the Base Defense Operations Center at 454-5662 to arrange for an Air Force Form 75 or a temporary badge as applicable.

The Visitors Center will reopen at 6:30 a.m. Jan. 3.

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HIGH MACH

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

**Core Values**

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

**Vision**

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

Core Values

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

2011 a time of successes, 2012 will bring change

By **Gen. Donald Hoffman**
AFMC Commander

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – As the holidays draw close and the year winds down, we have an opportunity to reflect on the past 12 months and think ahead about what's to come.

I would like to thank our team of more than 85,000 hard-working Airmen – military and civilian. As a result of your talents and professionalism, we have seen many successes this year across all of our mission areas.

In January, the Air Force Nuclear Weapons Center

reached full operational capability, demonstrating the center's ability to help ensure our nuclear weapons are safe, secure and effective. In March, Air Force senior leaders personally congratulated the team responsible for the source selection of the new KC-46A tanker – the Air Force's top acquisition priority. In August, the KC-135 Stratotanker Programmed Depot Maintenance Team at Tinker Air Force Base, Okla., was recognized by the Department of Defense for outstanding achievements in weapon system and military equipment maintenance. At Edwards, the test team is putting



Hoffman

the Joint Strike Fighter through its paces and is logging more sorties than originally planned to ensure this fighter is ready to enter the operational Air Force. The Air Force Research Laboratory has too many accomplishments to list, but rapid deploy-

ment of technology to the warfighter and certification of our fleets to operate on alternative fuels are both significant.

These accomplishments are representative of many other successes across the command and are a direct reflection of the contributions each and every one of you make to the Air Force Materiel Command mission. The new year will bring many changes for AFMC and the Air Force. But no matter what the future holds, I know your dedication and commitment to the mission will remain strong.

During this holiday season, please remember

there are some 31,000 Airmen – military and civilian – deployed from units across the Air Force. From AFMC, more than 1,300 men and women are deployed. Think of them, but also think about yourself as safety never takes a holiday. Winter activities bring increased risks and hazards, so travel and celebrate with care. Sound risk management and thoughtful planning will help ensure a safe season for all.

Jacki and I wish you and your families a wonderful holiday season and a very happy new year. We are proud to serve with you in the world's most respected air and space force.

Mentoring: A few thoughts from an old junior officer

By **1st. Lt. Joel Walker**
Force Development Integration Division

WASHINGTON (AFNS) – Given my limited Air Force experience, when mentoring is discussed it elicits either fond tales of personal guidance or a resigned sigh from painful memories of day-or week-long exercises in yawn-control and eyelid lifting.

This exposes the dichotomy of effective and ineffective mentorship. What should be a response to the needs of both parties - information and guidance for the mentee, and leadership experience for the mentor - can become useless when bad pairings, uninterested partners and cynicism take hold. But not to fear!

Worthwhile, productive mentoring takes place in the Air Force every day. I have seen and been a party to solid mentorship both in the Air Force and in the private sector. When a motivated Airman recognizes another motivated Airman with relevant experience, amazing things can happen. Career paths can be

plotted, good decisions trump uninformed ones and job satisfaction ensues. Even unmotivated Airmen, when engaged by the right mentors, can experience a change of attitude or at least realize why they feel the way they do. My personal experience shows this may lead to separation or a career-change, but ultimately helps everyone involved move forward and reduces malaise in the unit.

In every case, motivation and chemistry are key components in effective mentoring. When you remove motivation, you reduce investment and it becomes a 'check-box' without real value. Even a motivated mentor/mentee pair, without positive chemistry, will quickly become unproductive in their interactions and possibly become counterproductive.

The Air Force has made it a point that we will mentor, with the understanding that something as personal and trust-based as mentor-

ship must be entered into freely by both parties; a good match will find their own way of interacting. For some it will be discussions at the gym or regular lunches; for others it will be a phone call when something comes up or a drink at the squadron bar after work; still others will be more comfortable using electronic venues like the mentoring forum on My Development Plan or email. Ultimately, each mentoring pair will determine how, when and where they best interface. A good mentoring pair can respectfully speak freely, without fear of reprisal about whatever topic is important to them both. Keep this in mind as you select potential mentors/mentees.

Perhaps the hardest thing for a young Airman to do is approach a potential mentor. Traditionally, the Air Force has not facilitated this process, on a large scale. The briefing room with a slideshow or consultant telling us what quadrant of the personality chart we sit in doesn't re-

ally cut it. The 'open-door policy' where the mentee enters the potential mentor's work area works great for more outgoing mentees but can be difficult for many junior individuals.

Mentees want to find mentors before or after a commander's call, at a unit lunch, at the bar or anywhere where a conversation can be started in a neutral setting without feeling that work is being interrupted.

With these thoughts in mind, the Air Force is designing a mentoring program where mentees have options in establishing mentoring relationships.

Mentees have the option to invite past and present coworkers, supervisors, subordinates and even retirees from all of the Air Force corps (active, civilian, Guard and Reserve). Mentees may, and are encouraged to, have multiple mentors.

By helping mentees and mentors understand the numerous mentoring relationship types – flash mentoring, group mentoring, peer mentoring, reverse mentoring, situ-

ational mentoring and virtual mentoring – and how those types can be used to facilitate the professional development of Airmen, the Air Force hopes to increase the success of Airmen and the job satisfaction of the force, not to mention increasing mission success.

If you're like me, most of those terms are foreign, but we'll have a mentoring manual around early spring to enlighten us all.

A good friend of mine provided an interesting analogy for mentoring: Mentoring is a lot like dating.

It takes two willing participants with chemistry, or it gets awkward fast.

So, the Air Force is providing us opportunity – take advantage of it. It's really up to us mentees to get the ball rolling.

Leaders should make time to be available out of the office.

Followers can be far more effective if we get to spend quality time with our leaders.

Be conscious of how you eat during holiday celebrations

By **Col. Allison Bowden**
45th Medical Group

PATRICK AIR FORCE BASE, Fla. (AFNS) – Many holidays, celebrations and family and cultural traditions often center on food.

As a result, many people gain weight between Thanksgiving and the New Year.

The problem is not that we celebrate and over indulge, but how we eat.

It's the tempting treats during the holiday season and the pressure from family, friends and co-workers to overeat.

Maybe it's the increased emotional eating, whether from holiday stress or joy.

It is not necessary to avoid holiday festivities in an attempt to maintain your weight.

Watching your portions and your calories is not enough. Make time for

exercise in your schedule – walk around the neighborhood after dinner.

For those who every year lose weight but then gain it all back during the holidays, we should focus on weight maintenance versus weight loss.

If you are currently overweight and are trying to lose weight, the holiday season is not the time to do it.

Don't set yourself up for failure; make realistic goals.

It is well known that restrictive diets don't work in the long run; knowledgeable dieters know metabolism slows down when calories are restricted.

What all of this means is, when calories are scarce, the body goes into survival mode and makes every calorie count. It starts handling the food you eat more sufficiently to protect its fat stores.

Take steps to avoid recreational eating. While some foods are more calorie-dense than others, no food will make you gain weight unless you eat too much of it.

At parties and holiday dinners, we tend to keep eating beyond our body's physical hunger simply because food is there and eating is a "social thing."

To avoid recreational eating, consciously make one plate of the food you really want.

Eat it slowly -- enjoying and savoring every tasty bite -- get a glass of water and sip it throughout the evening.

Eat up and enjoy the holiday season, but remember to go back to healthy eating and regular exercise after the holidays.

If you need more information, contact your local health and wellness center.

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 and by calling 454-6000.

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

Col. Michael Brewer
AEDC Commander

AEDC Information Line
454-3600
The AEDC Information Line is available for ATA employees to get the latest information on a wide variety of emergency circumstances that could impact base operations or driving conditions.

Smoking Policy

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

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

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

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

2. Supervisors at every level will ensure this policy is followed. Disciplinary action is appropriate for repeated violations.

3. Updates to this policy will be made in the future to further align with Air Force guidelines.

4. This letter supersedes previous letter dated 28 October 2006, subject as above.

“Crucial Conversations” catching on at AEDC

Classes filling up fast for training on how to bring the best ideas to the surface in dialogue

By Shawn Jacobs
Aerospace Testing Alliance

When Louis Vanacore, director of Projects and Design Engineering for ATA, read the book “Crucial Conversations,” he saw great value in its concepts and wanted to share them across AEDC.

Vanacore was so impressed with the material, that he directed Sharon Carter, deputy director of Projects and Design Engineering, and Debbie Barnes, section manager of that department’s Project Support Section, to seek instruction and become certified trainers.

“We’re proud of our certification,” Barnes said. “We had to attend a four-day class in Chicago, learn the material, prepare to teach the class, teach three classes and then submit accept-

able student evaluations in order to become certified. Most of the preparation was done on our own time.”

Barnes and Carter received their certification in April 2011. Their first two-day class was held in January of this year, and about 140 employees have been trained to date.

The participants have come from across various ATA and a few Air Force organizations, but predominately in the ATA Projects and Design Engineering departments. Several Jacobs Technology employees from Tullahoma and other Jacobs segments have also received the training.

“There are two different options we can provide,” Carter said. “There’s the two full-day, 16-hour course that we prefer to teach because it covers all of the material. Additionally, we are willing to facilitate either one- or two-hour workshops. We’ve taught six of the two-day classes for AEDC personnel at UTISI (University of Tennessee Space Institute). We’ve also taught a

class in conjunction with the Jacobs Technology (JT) Safety Manager’s conference that was attended by safety professionals across JT.

“The cost of the course materials is \$225 per person, which includes a workbook, six compact discs and a “Crucial Conversations” book. However, we currently have several sets of materials on hand, so we can fill two or three classes. All folks have to do is provide for their own time.”

Carter and Barnes have also held several workshops. They recorded a “Webex” for the Jacobs Women’s Collaborative, spoke at the Jacobs Technology Human Resources conference in Manchester, a workshop for Jacobs Southern Region in Houston and at two JT Leadership Development Programs (LDP) in Tullahoma and Huntsville, Ala.

In fact, the material is now included as a routine component of the LDP program as a result of excellent evaluations from previous sessions.

“Jacobs pays for all course

materials for their employees,” Carter said. “Also, when Debbie and I travel and give workshops for Jacobs employees, an IWA (intersegment work agreement) with Jacobs is created which pays for all of our time, travel and per diem.”

The course, owned by the VitalSmarts company, is based on the book, “Crucial Conversations: Tools for Talking when the Stakes are High” by Kerry Patterson, Joseph Grenny, Ron McMillan and Al Switzler.

According to the company’s website, a crucial conversation is a discussion between two or more people where stakes are high, opinions vary, and emotions run strong.

These conversations – when handled poorly or ignored – cause teams and organizations to get less-than-desirable results.

The training is designed to teach how to achieve candid dialogue at all levels of an organization in a respectful manner. The desired result is to bring to surface the best ideas, the highest-quality decisions and then act on

decisions with unity and commitment.

“We’ve had some neat success stories,” Barnes said. “Catherine Plunkett [director of the ATA Safety and Health Group] wanted her entire staff trained; we’ve gotten about half of her staff and we’re going to finish them up in January. That’s a testimony to the value of this material, as well as Dave Ruckstuhl [branch manager of contract administration in the Performance Management Group], who wanted his entire staff trained.”

Plunkett said she realized the value of the skills she learned in the class immediately and was able to implement some of them within a day. That’s when she decided “Crucial Conversations” training would be greatly beneficial for her staff.

“To have an effective Safety and Health Program, it’s a must to be able to communicate the value that safety and health behaviors bring to people’s lives and not just make it a compliance issue.”

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Angel Tree donations



Pam King, of the Air Force Civil Engineer Branch, and Mitch Kendrick, an ATA power switchboard operator in Electrical Operation, drop off gifts for the AEDC Angel Tree as Janet Feller, coordinator of the program, and volunteer Lora Arnold assist. Feller, an information technologist, and Arnold, an engineering technician, are both members of the ATA Employee and Community Activity Committee (E&CAC), which is sponsoring the Angel Tree. Approximately 160 AEDC employees provided gifts to 179 disadvantaged children, who otherwise might not receive presents this Christmas. (Photo by Rick Goodfriend)

Air Force safety magazine launches new website

KIRTLAND AIR FORCE BASE, N.M. (AFNS) – Wingman, the Air Force’s official quarterly safety magazine, has a new digital home. Readers can find the current and all future issues of Wingman at www.wingman-magazine.af.mil.

Due to a Department of De-

fense initiative for organizations to find greater efficiencies, Air Force Safety Center officials transitioned to the online-only format.

The Air Force Safety Center published its last hardcopy issue of Wingman in fall 2011 and launched a new website Dec. 12

for its award-winning magazine.

“While times are changing and funds are short, we’ll never short-change you - our readers,” Maj. Gen. Greg Feest, the Air Force chief of safety, said in the fall issue. “You’ll get the same quality of safety information delivered to you online.”

With a click of a button, readers can view either an electronic publication, which allows them to turn the pages of the magazines digitally, or download a PDF version, officials said. A Quick Response barcode allows readers to access the Air Force Safety Center’s public website www.afsc.af.mil using their smart phones to find the latest safety news.

“Transitioning to a web-based magazine will give us more flexibility with the content, layout and design,” said Roberto Guerrero, the Air Force deputy chief of safety. “We’re excited about the possibilities.”

The Air Force’s quarterly journal of aviation, ground, space and weapons safety has been in circulation since 2008 with the merger of Flying Safety Magazine, Weapons Journal and Road and Rec into one magazine. Air Force safety has been producing safety publications for more than 60 years.

Anyone can receive an email notification when a new Wingman is published by entering their email address under “Subscribe” at www.wingmanmagazine.af.mil. Send comments about the site or publication to afsc.semm@kirtland.af.mil.

(Courtesy of Air Force Safety Center)

NASA Dryden building new research facility

By Alan Brown
NASA Dryden Public Affairs

EDWARDS AIR FORCE BASE, Calif. – NASA’s Dryden Flight Research Center has awarded an \$11.2 million contract to Comfort & Hays Electric, Inc. of Long Beach, Calif., for construction of a 38,000-square-foot Facilities Support Center at its main campus at Edwards.

The single-story building will provide office and technical spaces for NASA Dryden’s Facilities Engineering and the Asset Management department as well as the Safety, Health and Environmental Office, combining in one structure functions that are currently performed in several obsolete and inefficient facilities on the Dryden campus. The building plan includes office space, conference rooms, laboratories, workshops, restrooms and shower/changing facilities, a storage mezzanine and a laundry.

The building has been designed with environmental sensitivity and resource efficiency in mind, and Dryden will be seeking Leadership in Energy and Environmental Design platinum certification, the highest level or certification issued by the Green Building Certification Institute.

Among the environmental and energy-saving features of the new structure are building-mounted photovoltaic systems, enhanced ventilation systems designed to take advantage of ambient conditions for improved heating and cooling, automatic interior lighting controls that increase or decrease lighting levels based on outside lighting and use of a combination of transparent and translucent siding materials. In addition, the Facilities Support Center will feature at least 20 percent recycled content in its construction and drought-tolerant xeriscape around its perimeter.

Based on building energy consumption simulations, NASA Dryden facilities engineers forecast that energy consumption will be reduced about 36 percent over conventional construction.

The Facilities Support Center is the second new structure at Dryden for which the center is seeking LEED certification. The first, the Consolidated Information Technology Center, is nearing completion and Dryden will be seeking LEED silver certification for that building.

The firm fixed-price contract calls for the new structure to be completed within 540 calendar days, with an estimated completion date in April 2013, barring unforeseen delays.

On the Web ...



If you missed AEDC’s Annual Chili Cook-Off, this week you can go back and relive some of the sights and sounds of the day (but no smells or tastes ... sorry). A video of the chili competition is live now on www.arnold.af.mil in the Team AEDC Videos section.

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whether you're in school or not," Killingsworth said. "So, I went over to Montgomery and took the cadet exam. I preferred flying to being in the ground troops."

While being processed through Berry Field in Nashville, prior to going overseas, Killingsworth had another life-changing experience.

"At Berry Field Hangar they had [a] Saturday night dance, and I met this girl while I was there," he said.

After meeting, they corresponded off and on during Killingsworth's World War II duty. Ultimately, in Miami, Fla., he met and fell in love with the young lady's friend, Madelyn Holt who was from Estill Springs, Tenn.

After several delays, Killingsworth was ordered to report for duty with the Army Air Corps on March 17, 1942.

"They called me back, swore me in as a private, [at] \$21 a month," he said.

Killingsworth's pre-flight training took place at Kelly Field in San Antonio, Texas and his primary flight training was conducted in Muskogee, Okla.

"I flew the PT-19 and basic BT-13 at Waco, Texas and after that I went to Foster Field, Victoria, Texas for advanced [training]," he said. "We had gunnery [training] and we'd fly to Matagorda Island off the coast in the gulf there for shooting at [towed] targets."

"It was great – half of our class was 'flying sergeants' and maybe 25 percent were out of West Point. We all graduated in January 1943."

The "flying sergeants" he referred to was a small cadre of senior enlisted Army Air Corps pilots

similar to their enlisted counterparts in the U.S. Navy. Brought in to make up for the lack of qualified pilots, these enlisted service members made up only 1 percent of the total number of pilots who saw action during the war.

As a pilot, Killingsworth had found his calling and he was passionate about it.

"Yes, it was great flying," he said. "It was fun."

Killingsworth said, like his peers, he expected to report for combat duty and hadn't given it much thought.

"We were excited; we didn't know where we would be going," he said. "Rather than assigning me to a combat unit, I went to [the] Ferry Command at Long Beach, Calif."

"I flew mostly as a co-pilot and we'd go to the factory and pick up aircraft. We'd deliver it to either the port for overseas shipment or to a training school. I ended up flying either pilot or copilot on 23 different aircraft."

He qualified to fly the P-40, P-39, P-47 and the P-51 during one month of this assignment. Many of the P-39s Killingsworth and the other pilots ferried across the U.S. and up to Canada were ultimately delivered to the Russians as part of the U.S.'s Lend-Lease Agreement with them and other allied countries.

During his flight training and throughout his World War II service, conditions were primitive.

The pilot's primary training was conducted on grass fields. Later, when they ferried planes from a factory to port (Norfolk, Va.) before delivery overseas, Killingsworth said the pilots would live out of



From left, Maj. Kent Monroe, a test director in AEDC's Engine Test Facility and co-pilot for the flight; an unidentified crew member; John Stubbs, T-29 flight commander and then Lt. Col. Hugh Killingsworth, Arnold's operations officer, in an informal photo. (AEDC file photo)

their briefcases.

During his time flying "the Hump," he said the pilots would often bunk in thatched huts between flights.

Killingsworth said the cargo he ferried aboard a C-46 Commando from India to China included gasoline, penicillin, bombs and other ammunition, shoes, spare parts and passengers.

"Our primary cargo was gasoline...going for the Flying Tigers," he said.

The weather was always the most challenging part of every flight.

Killingsworth said during the nights of January 6 and 7, 1945, they lost 17 planes due to the dangerous and unpredictable weather. However, he didn't fear flying those missions.

"But I did have a close call," he said. "One of my trips, I had a new co-pilot and it was his first trip over the hump. We were in the clouds, icing up and I asked him for carburetor heat and he gave me full carburetor heat."

"I lost both engines. I

told the crew that if we didn't break out of the clouds at 10,000 feet, to prepare to leave the aircraft. We happened to break out right at 10,000 feet and the mountains were right off our wing tip and we were able to start our engines back. We were squawking IFF (identification friend or foe) emergency."

The ground station monitoring their IFF signals finally contacted them.

"They called us and asked if we were all right," he said with a smile. "Well, would you please turn your IFF off?"

After the flight everyone felt lucky to have survived.

"They would give us combat whiskey," he said. "A jigger of whiskey after every trip and sometimes we'd save them up for a party after that, but on this trip, we were excited we came back. The co-pilot was all shook up for a week."

He spoke about how the pilots would try to make the best of their time overseas.

"When we could get beer, we'd leave it [in] back by the cargo door to get cold," he said. "Then we'd have the beer but [add] whiskey to have boilermakers. And the whiskey was old as Methuselah."

On Aug. 6, 1945, Killingsworth vividly recalls what he heard while flying a routine mission over "the Hump."

"When we dropped the bomb, I was in the air and the radio operator picked up the message that a bomb had [been] dropped on Hiroshima," he said. "We didn't know what kind of damage or what a nuclear weapon was, because it was secret."

After the war, Killingsworth picked up where he had left off at Auburn, graduated and in 1947, married Madelyn. Then he returned to his hometown and reconnected with his boss from the movie theater, whom Killingsworth had met up with during the war. True to his promise at the time, the man then hired Killingsworth to manage the business.

"They were looking over my shoulder while I was managing this theater and after 18 months of that I applied for [a] recall, for the Berlin Air Lift," he said, but instead, he was transferred to the 3rd Air Division, at Sculthorpe AFB, England. This was where the Strategic Air Command aircraft and crews would deploy for 90 days TDY (temporary duty).

While in England, Killingsworth, his wife and their young daughter, had opportunities to tour Europe in a brand new red Studebaker they had

shipped over from the U.S. He was also in charge of the mess hall there.

However, the highlight of that assignment was meeting royalty, literally, due to a friendship Killingsworth's wife established.

Killingsworth, his wife and a few other Army Air Corps officers were invited to England's Sandringham House, the favorite home of Queen Mary, and many of her successors, including Queen Elizabeth II.

"While I was in England she became friends with a Lady Downes who was a personal friend of Queen Mary," Killingsworth said. "That's how I got the invitation to come to Sandringham, their summer home there and so we went out [to] the service on Sunday. After [the] service, she came out and we all went through and greeted the queen. Now when I went in front of the queen, I curtsied and saluted the queen."

Killingsworth's manner of greeting the queen left a lasting impression on one of those attending that event.

"A year later, I was at the Scottish Ball in London," he recalled. "The adjutant at the base had an apartment in London and one of his friends there said, 'Oh, you're the one who curtsied and saluted Queen Mary.'"

After three years in England, Killingsworth's next assignments were at Strategic Air Command (SAC) at MacDill AFB, Fla. There he flew C-47s on weekends, had a stint as operations officer and eventually managing 17 mess halls with 300 cooks.

Ironically, Killingsworth, who had been aloft over the Himalayas during World War II when the atomic bomb was dropped on Hiroshima, would later pilot the B-52s carrying nuclear weapons when his command was on an "alert" status.

"I got back into flying [at] Fairchild [AFB], Spokane Wash., and back in SAC," he said. "I flew 17 24-hour missions [and] we pulled alert a week at a time."

"During the Middle East crisis, we put aircraft in the air 24 hours a day and we had six aircraft from Spokane in the air at all times during that crisis."

Killingsworth also flew the aircraft during the Cuban Missile Crisis.

"We refueled twice during the night, he said. "The first missions were to fly up over Canada, up to Alaska, out the Aleutian chain and back. We monitored SAC headquarters on the quarter hour and at three quarter hour, for go or no go messages."

Killingsworth spoke of

the readiness required of what could have been a one-way trip.

"While on ground alert, we'd have five minutes to get in the airplane and get moving," he said. "We left the airplanes near the end of the runways in a cocked position and all we had to do is hit the starter button and it would go. We were already near the end of the runway where we could go – it was a one-way trip, if we had gone."

Later, Killingsworth flew from Naha AB during the Vietnam War, and then from either Vietnam or Thailand, he flew a C-130A Hercules on "Blind Bat" missions to locate targets for Navy fighter aircraft to strike.

"We would fly at 3,000 feet up and down the Ho Chi Minh trail and we had a night scope in the back of the aircraft to find trucks. Then we would drop out a marker, and we'd call in the Navy fighters. Then we would circle and direct their fire."

"I would fly in country, stay 30 days at Cam Ranh Bay and Tan San Nhut, the two places that we would fly into, and we'd be flying from Okinawa and right back," he said.

Like many couples, Killingsworth and his wife had started a family early in his career.

Killingsworth's daughter was born while he was briefly out of the Air Force, and his son was born in 1952.

"My wife was very supportive," Killingsworth said. "All during my service, she [Madelyn] was up anytime during the night that I had to get up and go fly. She fixed my breakfast and she raised two wonderful children who turned out very well. My daughter was an aerospace engineer and [my] son graduated from the [Air Force] Academy and stayed in 12 years."

When he retired, Killingsworth devoted most of his time to his wife.

"[When] I retired, I fixed her breakfast every morning until she passed away," he said. "I was very appreciative and very much in love with her."

During his military career, Killingsworth flew 7,188 hours, including 714 combat hours, and earned a Distinguished Flying Cross with two Oak leaf Clusters, Air Force Air Commendation Medal, American Campaign Medal with five Oak leaf Clusters and a Vietnam Service Medal with Valor.

His final retirement came a few years after working at a small local company in Tullahoma. Now Killingsworth spends much of his time pursuing his long-time favorite pastime, playing golf.

MACHINISTS *from page 1*

take to the air on its own. Even so, it's work that requires a skilled hand and the ability to see airplane parts in a block of aluminum.

"You have to visualize what you're working on and contemplate what you're doing next," he said. "Everybody's done a wonderful job on this thing. There's a lot of talent out here."

Burton, who's been at AEDC for eight years, said he has enjoyed the time he's spent on the model.

"I mainly worked on the nose section, tail section and the mid-body pieces," he said. "That's some 30-odd parts. I enjoy this type of work. It's interesting to see something come together."

Burton said he was also looking forward to being involved in assembling the huge model, which was the next step.

"[There is] a lot of pride involved," he said. "You know you can see how long it takes just to do a little hand work, and you're talking about a massive model here. We've got a bunch of good guys down here in the machine shop. One way or another, probably 85 percent have [worked on the B-52 model]."

Like some others in the Model Shop, Burton was surprised to be building a model of a legacy aircraft like the B-52.

"I wondered, since it was so old, and I really didn't know how many were still in use," he said. "I've come to find out that there are several still in use."

Even with the deadline moved up from September to July, Green said everyone kept a level head about the amount of work that had to be done.

"We create our own pressure," Green said. "We're self-motivated. We all know the pressure's there."



Machinist Derrick Burton hand-works or "blends" around the pod where an engine attaches to the B-52 model. (Photo by Philip Lorenz III)

LANGUAGE *from page 1*

my job, and it's always good to know some of the basic phrases from the local area, like 'thank you' and 'please,'" he said. "I also like that the Transparent Language Learning Online system includes background information on the history of the language and the culture of the countries where it's used. I also like that I have access to it on multiple systems, including my home computers, my smart phone and my iPad. And knowing a little Spanish can't hurt when wandering around Wal-Mart."

He plans to use the language program, "mostly just [for] intellectual stimulation."

Dr. Garrard, added, "But I'm constantly amazed by the number of people I know in 'middle of nowhere' Manchester for whom English is not their native language. I will enjoy showing them the courtesy of at least being able to say 'hello' to them in their language."

Asked how Transparent Language Online compares to other language programs, he said, "So far I'm impressed with it. It is as good as some of the heavily advertised packages that cost several hundreds of dollars and only teach one language. This one does a lot of the same things, and nearly every language used on the planet is included."

To get registered, come by the AEDC Technical Library in building 100, suite C212. If you can't get to the library or have any other questions, please contact Fred Rascoe, 454-7220, fred.rascoe@arnold.af.mil.

Giving back to the community



Eighth grade students of Jackie Burger at East Side Elementary School in Cannon County display graphing calculators that were purchased with the help of a science, technology, engineering and mathematics (STEM) donation from ATA's Employee and Community Activities Committee (E&CAC). Pictured are: two girls at right forefront, Brittany Klen and Dallas Hubbard; middle row: Katie Hoskins, Kelsey Wilson, Kelli Davis, Haylee Mooneyhan, Jacob Gonzalez, Dalton Pitts, Maci Jacobs and Shelley Nicholson; back row: Brandon Clark, Austin Brock and Graden Strang. (Photo provided)

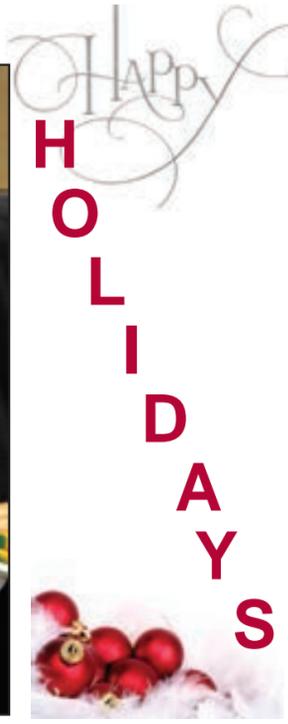


Christy Brunner, far right, education chairman of the ATA E&CAC, delivers a check to the North Lake Elementary School PTO in Franklin County. Also, pictured are Nancy Koprek, school secretary and Gage Burt whose mother, Thesa Burt, is PTO president. (Photo provided)



The Employee and Community Activities Committee (E&CAC), the charitable arm of Aerospace Testing Alliance (ATA), recently made donations to a number of local organizations. One of the cash awards was to support science, technology, engineering and mathematics (STEM) at East Coffee Elementary School in Manchester. Pictured are Kelvin Shores, principal; Lisa Lorance, teacher and Math Academic Excellence chair and Becky Combs, civic chairman of the E&CAC. The donation was used to purchase take-home kits and other supplies for Family Math Nights at the school. Other donations were recently made to the following organizations: Warren County American Association of University Women (AAUW), Warren County Kiwanis, Coffee County Humane Society, Coffee County Family Resource Center, Coffee County Central High School and Arrowhead Ranch. (Photo provided)

ATA Christmas Party



CRUCIAL from page 3

Plunkett said. "It's important that the people who are charged with relaying that message have the knowledge, skills and abilities to be able to have conversations that can get that point across."

"Often we (in Safety) find ourselves in a conversation where emotions start to kick in on both sides. When personal emotions take over the conversation, it's easy to lose track of what it is you're trying to accomplish. I want to provide my staff with the tools and skills to further refine their communication skills."

Ruckstuhl said he attended a one-hour session delivered by Carter and Barnes and immediately realized the complete training would be beneficial for him and his entire group.

"We have a tendency to come into conversations with our own agenda," Ruckstuhl said. "It's just kind of the way we are, but when we are in a conversation normally there's a reason which includes some kind of collaboration. There's no way that I can resolve everything I do in my work or home life without some input from others, and this particular training helps us to understand that we're in this discussion not just

to compromise – that's not the point of it – but to get all the information available so you can make good decisions in a collaborative way."

Ruckstuhl said most, if not all, of the AEDC workforce could benefit from "Crucial Conversations."

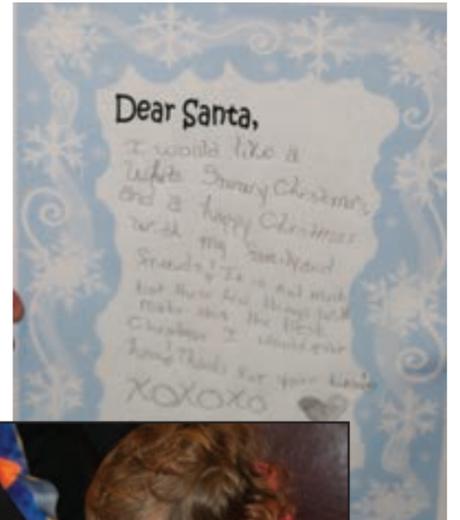
"There's a lot at stake out here," he said. "There are certainly plenty of supervisors, plenty of employees, and every one of us has families, so all of that combined – just doing life – there are a lot of people skills required. I can't tell you how many times I've had where [people] won't even listen or I don't want to listen, whichever it is. This helps to restart conversations and get folks back to a place ... where you can really understand each other."

"It's been beneficial. It isn't just another gimmick. It's helpful in all aspects of what we do because it's relational. This was a big deal for me and my team. I see real value in this training."

The next "Crucial Conversations" class, Jan. 17 and 19, is almost full, but signups are being taken for the Feb. 21 and 23 session.

Interested employees should obtain permission from their supervisor and then contact Sharon Carter or Debbie Barnes.

2011 Annual AEDC Children's Christmas Party



Air Force: We don't deliver (not like that anyway)

By Chris McCann

Joint Base Elmendorf-Richardson Public Affairs

JOINT BASE ELMENDORF-RICHARDSON, Alaska (AFNS) – “Hi,

Thanks for replying to my ad. I'm in a hurry to find a buyer because I have a family emergency and I need to sell it before 22 November. My name is Larry. I'm an Air Force Staff Sergeant stationed at an AF Base in Anchorage, Alaska. The truck is here with me.

This 2000 Toyota Tundra SR5 4 Wheel Drive, has 72,000 miles on it, Automatic 4SPD, 4.7L V8. A/C, Cruise Control, Heated Seats, Tow Package, Traction Control and more... It has no damage, no scratches or dents, no hidden defects....

The price is \$2,690. If you want to buy this SUV I will take care of the delivery to your door (with an AF cargo plane to the nearest AF Base) and I will offer 5 days to inspect the vehicle and take it to your mechanic from the mo-

ment you receive it (and the option to accept or reject it), before I'll have your money...”

Sounds too good to be true?

That's because it is.

This scam and others similar to it have circulated around Craigslist for a few years now.

Service members of all branches have had their names used as the “sellers” of these vehicles. Often, the ad even states that an Air Force tow truck will take the vehicle from the nearest Air Force base to the buyer's house. The photos are taken from other Craigslist ads, photo-hosting sites and even car dealership websites.

Unfortunately, people can and do get conned into sending money, and the car of course never shows up.

Staff Sgt. Amanda Gibson, an approving official for the 3rd Munitions Squadron here, was a “seller” -- much to her surprise.

“I found out through an

email from someone at Wright-Patterson Air Force Base, (Ohio),” Gibson said. “I thought it was over. ... Then I got a call from security forces at a base in Pennsylvania because a civilian had gotten in touch with them and asked if I was real.”

She was also mentioned in an article in the Hartford, (Conn.) Courant about the scam, she said.

In all, she has found her name in 61 scam advertisements and continues to get occasional emails about the vehicle she's allegedly selling. Gibson has filed reports with the Federal Trade Commission and the Air Force Office of Special Investigations, she said.

Unfortunately, there's not much that can be done. The scammers are not in the U.S. in most cases. FBI Agent Tim Gallagher, the section chief of the bureau's cyber division, said that the FBI has arrested people in connection with the scams overseas.

However, that may be cold comfort to those who

have been duped.

“I think service members' names are chosen because it's relatively easy to verify that we exist, and people want to trust military people,” Gibson said.

It's also easy to search for a name and get results, even phone numbers, which makes potential victims think it's legitimate. For example, even Chief Master Sgt. Lisa Kuehn, the 673rd Air Base Wing senior enlisted advisor here, was shocked to get a call on her duty phone about a vehicle she was allegedly selling.

“I have sold things on Craigslist in the past, so the first email didn't surprise me,” Kuehn said. “But I would never use the duty phone. That spooked me.”

Alaska seems to be a good place for the scammers to claim as the car's location, since it's remote, Gibson said. Often, people don't realize it's a scam until they offer to make a trip to take a look at the car, which is almost always somewhere remote.

If a potential buyer offers to visit and test-drive it, suddenly there's “another offer” and the car isn't for sale anymore, or it's “already crated and ready for shipping.”

And what if you discover that you've been “trying to sell” a beautiful vehicle at a fraction of its blue-book value?

Fortunately, said a representative from OSI, it's usually not an actual case of identity theft, just theft of your name. Scammers use web-based email addresses, like Gmail, to do the transactions; they're not hacking email accounts. They don't need a person's social security number, address or any other information – just his or her name and reputation as a service member – to get their money and disappear.

Most times, the ad states that “for your protection” the money will go to an escrow account with eBay until buyer and seller are both satisfied, officials said. But eBay and Craigslist have nothing to do

with each other. Just like Toyota won't repair your Ford, eBay won't broker money for Craigslist.

Airmen who find that someone has used their name in connection with the scam should report it to local authorities as well as to [IC3.gov](http://www.ic3.gov) and [ftc.gov](http://www.ftc.gov). OSI also recommends Airmen inform their chain of command. Some potential victims think that service members are the scammers, so their command should know what happened as soon as possible.

Airmen can also file reports with the FBI, and it's never a bad idea to have a fraud alert on your bank account and credit cards, officials said.

Craigslist and eBay both have prominent disclaimers reminding people not to use Western Union or MoneyGram for purchases, since once the money is sent, it's gone, with no recourse for the sender. While those services might be good for sending money to a relative or friend, they're also often used by scam artists.

TV giveaway winner



Aflac Insurance representative Gary Lovell, left, presents ATA ironworker Doyle Shettleworth with a 40-inch television Dec. 2. AEDC employees who met with Lovell about purchasing Aflac supplemental insurance entered into a drawing to win the television. (Photo provided)

AFIT seeks enlisted advanced degree applicants

By Debbie Gildea

AF Personnel, Services and Manpower Public Affairs

RANDOLPH AIR FORCE BASE, Texas (AFNS) – The Air Force Institute of Technology is offering enlisted applicants an opportunity to pursue advanced academic degrees in management or engineering, Air Force Personnel Center officials announced today.

Nominations are due to AFPC by Dec. 31, with the selection board slated to convene Jan. 20. Primary and alternate selectees will be notified by Feb. 15, said George McKey, AFPC officer developmental education deputy chief.

In addition to the application package, candidates will need to apply for academic eligibility directly through AFIT by Dec. 31. They will need to provide official transcripts and test scores from their graduate entrance exam, or schedule and take the

entrance exam, if they have not already done so, McKey explained.

“Interested Airmen should act quickly to prepare their application packages, order transcripts and take entrance exams to ensure they have time to accomplish all the necessary tasks and coordinate their package through their major command or agency,” he said.

According to McKey, there are only five openings for academic year 2012.

“It's a very competitive program, but we encourage all eligible members to submit a package,” McKey said. “Priority will go to applicants from career fields and with degrees that support Air Force priorities, but all career fields and degree programs are eligible and will be considered.”

Those selected for the program will attend the

Wright-Patterson Air Force Base campus, will incur a service commitment, must be able to get three years retainability upon graduation from the program, and will likely have a permanent change of station after graduation, McKey added.

Technical sergeants through senior master sergeants who will have at least eight years active duty and 24 months time on station by June 1, 2012, may be eligible. If overseas, NCOs must have a date eligible to return from overseas between May and August 2012. Candidates must have completed their 7 skill-level upgrade, and must have a Community College of the Air Force degree and a bachelor's degree from a regionally accredited college or university by Dec. 31.

Go to http://www.afit.edu/en/admissions/usaf_usmilitaryapply.cfm#enlisted for more information.

The season is here, so winterize everything – including your body

Old Man Winter is on his way – time to winterize the car, winterize the house, and winterize ourselves by following a few simple strategies.

Check in for a checkup: If you haven't had an annual physical, dental check up, or eye exam, schedule it now.

While you're at it, check your medicine cabinet; discard expired or no-longer-

required medications.

Move on: Establish a daily routine with stretches and 20-30 minutes of moderate exercise. If you can't manage that, try to walk a mile or two at least three times a week.

Drink up: Stay hydrated. Be sure to drink plenty of water. Divide your body weight by two for a rough estimate of how many ounces of water you need

each day. Limit alcohol and caffeine.

Eat right: Plan healthy, well balanced meals including fresh seasonal produce when possible. Select vegetables and fruits in different colors to provide a wider variety of nutrients.

Bust stress: Some stressful situations are unexpected; others can be anticipated. Plan ahead and prepare early for the winter

holidays and potential bad weather. Schedule some “me time” each day. Try to laugh more and worry less. Get outside in the sunshine whenever possible.

Sing Happy Birthday – Twice: It takes about 20 seconds and it's how long you should wash your hands. If warm water and soap aren't handy, use alcohol-based hand sanitizers or hand wipes. Wash hands often, particularly before eating; after using

the restroom or touching dirty equipment; before, during, and after food preparation, and after any activity that contaminates your hands.

Change up: Dressing for winter weather can be difficult. Layering allows you to add or subtract according to the task or environment.

Moisturize: Lower humidity can dry your skin, eyes, and mucus membranes. If your home is

dry, consider using a humidifier. Over-the-counter moisturizers can ease itchy skin. Check with your doctor or pharmacist if you experience exceptionally dry eyes or nose.

Get a grip: Slips, trips and falls increase in cold weather. On slick surfaces, walk flat-footed. Wear sturdy shoes with large treads increase grip; you can change when you get indoors.

Hold 'em out: When walking surfaces are icy, help maintain balance by holding your arms out rather than stuffing your hands in your pockets.

Breathe right: If you can, breathe through your nose, not your mouth, when out in the cold. Nasal passages warm and moisturize air before it reaches the lungs, making it easier on the respiratory system.

Sleep tight: Most of us need at least 7 or 8 hours of sleep each night to rejuvenate our systems. Experts recommend a totally dark room.

Take time out: Cold weather and holiday preparation can be stressful. Try to keep some time for yourself.

(Information provided by ATA Safety.)

Holloman scientist receives Harold Brown Award

Hooser's work in hypersonic missile research recognized

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

WASHINGTON (AFNS) – A chief scientist from Holloman Air Force Base, N.M., received the 2011 Harold Brown Award on Dec. 12 for his role in significant advances in hypersonic missile research.

Dr. Michael Hooser's work with the Holloman High Speed Test Track's artificial rain environment established benchmarks against which advanced hypersonic radome materials are tested.

Hooser developed hypersonic, magnetic-levitation modeling and simulation capability which laid a foundation for future testing of sensitive missile electronics.

"Today we recognize Mike for his achievements in hypersonic missile research," Secretary of the Air Force Michael Donley said. "His work has been instrumental, particularly in modernizing the dynamic modeling and simulation

approach to sled design and test."

Advanced electronics used in missile systems are too sensitive to test in the typical high g-force environment of traditional high-speed rail testing systems, Donley said.

Hooser and his team modernized the testing process through advancements in the magnetic levitation theory, which allows the same quality testing in a less strenuous environment.

He and his team developed the nation's first rain field model for testing coordination.

The ability to correlate test data between labora-

tory, outdoor artificial and natural rain environments resulted in an 80 percent reduction in data collection required to qualify future rain field models, thus expediting weapons fielding by reducing the number of sled tests required to qualify a system.

In return, Donley added, the new process reduces expense, ultimately saving the Air Force a substantial amount of money, and significantly advances the Air Force's capabilities in hypersonic missile research.

With 33 years serving the nation as both a scientist and engineer at Holloman AFB, Hooser received

bachelor's, master's and doctorate degrees in mechanical engineering from New Mexico State University, and has served in various capacities as a scientist, flight chief and now chief scientist at Holloman AFB.

"I am honored beyond belief and this is a big surprise to me", Hooser said. "I am a small piece of a cog in a fantastic wheel at the track, and I work with a wonderful team."

The Harold Brown Award recognizes significant achievement in research and development that led to or demonstrated promise of a substantial improvement in operational

effectiveness of the Air Force.

The award's namesake was a physicist who served as secretary of the Air Force from 1965 to 1969 and secretary of defense from 1977 to 1981.

"Creativity, innovation and engineering know-how are the qualities that for decades have kept the United States at the forefront in technology," Donley said.

"These qualities are recognized in the Harold Brown Award, and Dr. Hooser continues the proud tradition of those who have applied their talent and skills in the interest of national security and kept our nation safe."

Grandson of legendary Air Force pilot reflects family legacy

By Stefan Bocchino
377th Air Base Wing Public Affairs

KIRTLAND AIR FORCE BASE, N.M. – (This feature is part of the “Through Airmen’s Eyes” series on AF.mil. These stories and commentaries focus on a single Airman, highlighting their Air Force story.)

Col. Paul W. Tibbets IV, the Air Force Inspection Agency commander, is the grandson of retired Brig. Gen. Paul W. Tibbets Jr., the pilot in command of the “Enola Gay” when it dropped the atomic bomb on Hiroshima, Japan, Aug. 6, 1945.

Colonel Tibbets said that while growing up, he was aware of what his grandfather had done during World War II. His father spent a 30-year career in the Army Reserve as a pharmacist and hospital administrator, retiring as a colonel.

“My father had the biggest influence on me joining the Air Force,” Colonel Tibbets said. “When I was in 9th grade, I became involved in youth service projects. It was a passion of mine to serve. My father said ‘You seem to be very interested in serving -- what do you want to do with your life?’ I told him I was interested in serving, and he told me to look into something like the ROTC or service academies.”

Colonel Tibbets applied to the service academies and was accepted to the Air Force Academy, where he spent four years training for his Air Force career.

“The time that I spent with my grandfather was very limited growing up,” Colonel Tibbets said. “It

was an honor being a Tibbets, and I will always consider him a hero. The last time I saw him before leaving for the Air Force Academy, he told me, ‘Paul, just remember, people are going to know you because of who I am. You be who you are and don’t worry about who I was.’ What I found out later was that he was really concerned his service would somehow have a negative effect on my career. I took his advice to heart the best I could.”

During his time at the Academy, Colonel Tibbets was interested in flying. Following graduation, he was selected to attend Air Force pilot training; multiple factors went into the deciding which aircraft he would be assigned to fly. According to the colonel, the first factor was the needs of the Air Force. From there, consideration was given to his ‘Dream Sheet,’ listing the planes he wanted to fly. Finally, the instructor’s provided an evaluation as to which weapon system would be best for him based on performance.

“There was no favoritism when I was chosen for bombers,” Colonel Tibbets said, who has been in the Air Force for 22 years.. “The Air Force can’t afford to put someone in a job for which they’re not qualified. I was told that it wasn’t because of who I was, but because it was the best fit.”

During World War II, General Tibbets flew B-17s in Europe. Later in the war, he returned to the U.S. to test-fly the B-29 Superfor-

tress. He was selected to command the 509th Composite Group that was connected to the Manhattan Project. On Aug. 6, 1945, he flew a B-29, which he dubbed Enola Gay after his mother’s name, during the bombing of Hiroshima.

“Even though there was controversy over the bombings of Hiroshima and Nagasaki, my grandfather said he never lost one minute of sleep,” Colonel Tibbets said. “He emphasized that, ‘My country asked me to do something, and I set forth with the men in the 509th Composite Group to accomplish it to the best of our ability, and it helped bring the war to an end.’ It is interesting being a senior officer now and thinking about the challenges those men went through. They never lost focus on the mission they were to carry out, and they did it beautifully.”

Colonel Tibbets was previously assigned to the 509th Bomb Wing at Whiteman Air Force Base, Mo. That was the same unit his grandfather commanded during the bombing of Hiroshima.

“I competed to go to the 509th and was selected,” the colonel said. “It was quite an honor to be in that organization. It’s a highly skilled, highly capable organization with a very unique mission. Later, I was selected to command.”

He commanded the 393rd Bomb Squadron, an operational squadron of B-2 ‘Spirit’ aircraft at Whiteman AFB, within the same wing his grandfather commanded.

“The wing commander made the decision that



Retired Brig. Gen. Paul Tibbets Jr. (left) and his grandson, then-Capt. Paul Tibbets IV, fly the last flyable B-29 Superfortress. General Tibbets was the pilot in command of the Enola Gay when it dropped the atomic bomb on Hiroshima, Japan on Aug. 6, 1945. Now a colonel, the younger Tibbets is the Air Force Inspection Agency commander at Kirtland Air Force Base, N.M. (Courtesy photo)

commanding the unit was where my skills were needed,” Colonel Tibbets said. “It was one of those opportunities that the Air Force has given me, to command an operational squadron, and I’m obviously honored and thrilled to be a part of something like that. You add on that it was my grandfather’s squadron and it meant just the world to me. Just as my grandfather did, I was focused on serving those entrusted to my command to the best of my ability. I thought, ‘I won’t let them down, I can’t let my grandfather down, and I don’t want to let my Air Force down.’”

During a deployment in 2010, Colonel Tibbets spoke on Veterans Day about the attributes of his grandfather and the crew of the Enola Gay.

“These were men of courage, in the air and on the ground,” Colonel Tibbets said. “In the latter days of World War II, the Allies were faced with a terrible dilemma. The Japanese had proven to be a proud, courageous and determined

people, willing to die for their emperor. The invading of Japan was necessary to end the war. The decision was pending that would cost an estimated 1 million allied casualties and possibly 5 to 6 million Japanese casualties. The alternative was dropping a bomb on two cities in Japan, which would result in significantly less bloodshed and hopes of ending the war. The bombing was a choice made by our leaders to swiftly end the war, thereby guaranteeing our future and freedoms.”

People have different perspectives on the rights and wrongs of this decision.

“We should not shy away from intellectually discussing this with people who are 180 degrees off from your opinion,” Colonel Tibbets said. “That’s one of the reasons why I wear this uniform, so people can have the right to voice differing opinions. I think it’s important for me as a ‘Paul Tibbets’ to think about what my grandfather went through.”

He also spoke about the decision-making that directs military action.

“We execute military orders from our politicians, who decide what needs to be done,” Colonel Tibbets said. “People who think my grandfather and his crew were warmongers are missing the point. They had a military mission to carry out. They were also told that maybe it would help end the war. Would you not want to be a part of that? You might not, but at least understand what they did. It came down to a simple (question): Can we end the war and save lives?”

General Tibbets died in Columbus, Ohio, on Nov. 1, 2007 at 92.

“It is a real privilege to serve our great nation, being part of something bigger than ourselves,” said Colonel Tibbets, who took command of AFIA in July. “I am so proud of all our Airmen and joint partners, who are a very small percentage of all Americans who are wearing the uniform and defending freedom. I love it.”

Priority placement program serves employee, DOD needs

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

RANDOLPH AIR FORCE BASE, Texas (AFNS) – Civilian employees adversely affected by actions such as transfer of function or base realignment and closure may be eligible for assistance through the Department of Defense Priority Placement Program (PPP).

“The priority placement program sometimes conjures concern when mentioned, but it is one of the most positive programs available, and benefits employees, the Air Force and the Department of Defense,” said Ray Gonzales, the Air Force Personnel Center workforce transition branch chief.

Depending on the situation, the program provides mandatory placement, matching eligible well-qualified employees to vacant positions throughout the DOD.

“That helps us maintain a relatively stable workforce and enables us to meet force management objectives as well,” Gonzales said.

Defense Department officials are working to bring civilian employment levels back to fiscal 2010 levels, which involves eliminating some positions and restructuring others, Gonzales said, adding that priority placement enables leaders to restructure while taking advantage of an

existing skilled, motivated workforce.

But PPP is not just for use during government-initiated actions, Gonzales said. It is also a useful tool for unexpected situations.

“The program helped us place employees and family members displaced by natural disasters, like Hurricanes Andrew, Katrina and Rita,” Gonzales said.

The intent of the program – during any displacement event – is to place qualified registrants in order to maintain a stable, trained, experienced workforce, Gonzales said. For a PPP placement to occur, the registrant matched against a job vacancy must be well qualified for the position and certified by the current supervisor, he added.

“PPP doesn’t just benefit employees,” Gonzales said. “It’s a smart tool that will enable leaders to continue to accomplish their mission following displacement events, and it’s a money-saving tool allowing leaders to take advantage of available, educated, trained and skilled employees.”

For more information about the priority placement program and other personnel issues, visit the Air Force Personnel Services website or the Office of Personnel Management website at www.opm.gov.

Thrift savings plan contribution limits increase in 2012

By Kathryn Iapichino

Air Force Personnel Center Benefits and Entitlements Counselor

RANDOLPH AIR FORCE BASE, Texas (AFNS) – The Federal Retirement Thrift Investment Board has announced the 2012 elective deferral limit for regular Thrift Savings Plan contributions has increased from \$16,500 to \$17,000 for 2012, Air Force Personnel Center officials said. The TSP catch-up plan contribution limit will remain at \$5,500.

TSP is a long-term retirement savings plan that allows investors to build an investment portfolio while lowering their taxes each year they contribute. Contributions go directly from each paycheck to the member's account, which makes it easy to pay yourself first, with taxes deferred until post-retirement withdrawal.

TSP investments are not limited to stocks: employees can choose government securities or invest in lifecycle funds as well. Regular TSP contributions stop when an employee's contributions reach the annual maximum limit and then automatically resume the next calendar year.

Catch-up contributions are additional tax-deferred contributions separate from regular contributions. Catch-up contributions provide investors a way to secure their retirement, especially for those who begin investing later in their careers.

To be eligible for catch-up contributions, civilian and military employees must be at least 50 years old the year the first deduction from pay occurs. They must also be in a pay status and able to certify they will make, or have made, the maximum regular employee contributions by the end of the year.

Other eligible accounts include uniformed services TSP accounts, employee tax deferred programs, or 401Ks. Employees who have taken a TSP financial hardship in-service withdrawal are not eligible to invest during the six-month, non-contribution period.

Catch-up contributions automatically stop with the last pay date in the calendar year or when the maximum catch-up dollar limit for the year is

reached, whichever comes first. Eligible employees must submit a new election for each year they participate.

TSP for military members

Military members can contribute any whole percentage up to 92 percent of basic pay, as long as the annual total does not exceed \$17,000 for 2012. If contributing from basic pay, Airmen may also invest all or part of their bonuses, special pay, or incentive pay.

Members may enroll and adjust contribution amounts through their Defense Finance and Accounting Service myPay account. TSP elections made in the current month will be reflected on the leave and earnings statement for the next month.

Those serving in tax-free combat zones may contribute up to \$50,000 in annual contributions for 2012, which total includes tax-exempt combat zone contributions and regular deferred contributions. There are monthly contribution limits, though. Military members can call TSP officials at 877-968-3778 for more information.

Military members who

want to make catch-up contributions must complete and forward the TSP-U-1-C, TSP Catch-Up Contribution Election Form, to their local finance office.

To make contribution allocations, how an employee chooses to invest money among the investment funds, military members can go to www.tsp.gov and use their personal identification number and password to access their TSP account. Contribution allocations can also be made via the Thrift Line 877-968-3778.

For general TSP questions, call the Total Force Service Center at 800-525-0102 (press 1 and then press 6).

TSP for civilians

Civilians can contribute any whole percentage of their basic pay or a whole dollar amount each pay period to a regular TSP account. This amount is subject to the \$17,000 annual maximum for 2012.

Air Force-serviced civilians may submit regular TSP enrollment elections or changes at any time. Contributions will automatically continue into 2012 for those already in TSP, so it is not necessary for employees to submit an

election unless they wish to change the amount of their bi-weekly contributions. The Jan. 6 contribution will apply toward the 2012 annual maximum.

Employees who are covered by the Federal Employees' Retirement System must contribute at least five percent of their basic pay every pay period to receive maximum agency matching contributions throughout the entire year. Once the maximum contribution limit of \$17,000 is reached, employee contributions and agency matching contributions will be suspended for the remainder of the year.

Regular TSP enrollments, changes, or catch-up contributions submitted Dec. 4 -17 will be effective Dec. 18 and will be reflected on the leave and earnings statement for the pay period ending Dec. 31. Elections submitted Dec. 18 - 31 will be effective Jan. 1 and will be reflected on the leave and earnings statement for the pay period ending Jan. 14.

When submitting catch-up contribution elections, employees must designate a whole-dollar amount to contribute each pay-day. Do not designate an amount that exceeds net

pay or payroll will not withhold any TSP contributions. To spread catch-up contributions evenly over the year, divide the total contribution, up to \$5,500, by the number of pay dates remaining in the year.

Air Force-serviced civilians submit contribution elections via the Employee Benefits Information System online application or through the automated phone system. EBIS is accessible on the Air Force Portal and through the Air Force Personnel Services secure site.

To reach EBIS via phone, dial 800-525-0102.

When the phone system answers, press 2 for civilian employees, and 2 again for benefits and entitlements services. Then follow the prompts. Employees in foreign areas should call the toll-free AT&T direct access number for the country they are in, and then dial 800-525-0102. For AT&T direct access numbers, go to www.usa.att.com/traveler/index.jsp.

For more information about TSP, go to www.tsp.gov. Click on "Summary of the Thrift Savings Plan" located under civilian or uniformed services TSP Forms and Publications.

Call the Tullahoma News to advertise in High Mach



NORAD ready to track Santa through the skies

Children can use smartphones, social media websites to track St. Nick this holiday season

PETERSON AIR FORCE BASE, Colo. (AFNS) – The North American Aerospace Defense Command is getting ready to track Santa's yuletide journey.

The NORAD Tracks Santa website, <http://www.noradsanta.org>, went live Dec. 1 featuring a countdown calendar, a kid's countdown village complete with holiday games and activities that change

daily, and video messages from students and troops from around the world.

With the addition of Brazilian Portuguese, the website is now available in eight languages: English, French, Spanish, German, Italian, Japanese, Brazilian Portuguese and Chinese.

This year, using free applications in the Apple iTunes Store and the Android Market, parents and children can also count-



down the days until Santa's take off on their smartphones.

Tracking opportunities are also offered on Facebook, Google+, YouTube and Twitter.

Santa followers just need to type "@noradsanta" into each search engine

to get started.

Starting at midnight MST on Dec. 24, website visitors can watch Santa as he makes all the preparations for his flight.

Then, at 4 a.m. MST, trackers worldwide can talk to a live phone operator to inquire about

Santa's whereabouts by dialing the toll-free number 1-877-Hi-NORAD (1-877-446-6723) or by sending an email to noradtrackssanta@gmail.com.

NORAD's "Santa Cams" will also stream videos as Santa makes his

way over various locations worldwide.

NORAD Tracks Santa started in 1955 when a local media advertisement directed kids to call Santa direct – only the number was misprinted.

Instead of reaching Santa, the phone rang through to the crew commander on duty at the Continental Air Defense Command Operations Center.

Thus began the tradition that NORAD has carried on since it was created in 1958.

(Courtesy of 21st Space Wing Public Affairs.)

Ansley dispenses computer expertise, compassion on medical mission trip

By Shawn Jacobs
Aerospace Testing Alliance

Rita Ansley is looking for another opportunity to do good on a big scale. Specifically, she's hoping for another chance to go on a mission trip of some kind.

Ansley, who works in desktop software support for ATA at AEDC, remains excited about a medical mission trip she took to Haiti.

She went to Ouanamithe, Haiti, with local medical doctors Roger and Cheryl Jurich and a number of other members of Winchester First United Methodist Church, along with a team of health care providers from across the country. In all, about 75 people, including a number of other doctors from the local area, met and flew out of Nashville.

Ansley said when she heard the team needed computer expertise, she was glad to lend a hand.

"The hospital laptops needed many things done to be able to track patient records, including new software, cameras for photo identification, a networking system and printers," Ansley said. "I felt thankful that I was tasked with this project."

Ouanamithe is a very poor, rural town about 30 minutes from the Dominican border. Their drinking water comes from a river which is also used by residents to bathe in and water their animals, so one of the groups on the trip specialized in teaching the locals how to filter their own water, according to Ansley.

From May 17 to May 27 the mission team stayed at

a school at night and was bused to a hospital where they saw patients during the day.

"It was so hot there," Ansley said. "People came and waited for hours and hours because it was a very small fee that they had to pay [for] a wide variety of services. It was like \$1.25 for all of the medical care that they could get on that day. Now, if they needed special services they would have to come back."

In addition to getting the computers working and the network set up, Ansley's job was to register incoming patients, a more challenging job than it may sound since most of the population spoke only French or Creole.

"I had an actual translator with me and I had to take their information and take a photo of them because in that culture many of the people had the same names, first and last," she said. "You really couldn't tell who you were working on, so for each individual in their profile was their personal information and their photo. Most of the people did not know their birthday and many of their parents were already dead from some disease."

"They were in such dire need of care. Some of them had so many things wrong with them you couldn't get them to stop talking. You can't help but be compassionate to a person who is hurting in many different ways."

Ansley said members of the mission team trained in other areas of responsibility so they could relieve each other during the heavy

influx of patients. She felt privileged to train in basic triage so she could have more personal interaction with the people.

"When one person wanted a break, I would do the triage and they would come do the computer, so it worked out really well," she said. "I wanted to be able to touch them and hug them because that's just the way I am. I can't even remember how many patients we served in one day, but we tried not to turn anybody away."

The team's meals were prepared by the Haitians at the school, Ansley said. Most of the meat was goat and, since there was no refrigeration, all the food was ground fresh each day. She said she enjoyed visiting with the kitchen staff, which she would do each morning.

Ansley was particularly impressed with the Haitian children.

"They have such joy and hope," she said. "They are so amazingly loving. They have no clue of their condition. They're just happy because they are alive. They don't have any knowledge of what goes on outside of their area."

"We could only carry a certain weight in suitcases, so my friend and I decided to bring something for the kids. I brought less for me and I took 40 pounds of candy: Dum-Dums [lollipops for the kids] and Werther's Originals for the adults. The kids loved the suckers. They had never had them; it was so neat."

Ansley said the trip profoundly affected her.

"To this day I don't

waste," she said. "I will not waste food. I will eat leftovers every single night until they're gone. I do not throw things away."

"Out of reverence for those people, when I came back, I took cold showers and was very careful about using hot water for a long time because they don't even have hot water."

The trip also had a physical effect on her.

"I got dysentery; I was very sick," she said. "Not only that, I got bugs that live under your skin. You have to wear cream until it kills all the bugs."

Still, Ansley said she would definitely go back to Haiti or consider a mission trip to another location.

"It was such a wonderful trip," she said. "I would do it again in a minute. I don't have any planned, [but] I would love to do one. I know I will be challenged to do that, now. When He is ready for me – to put me out there again – He will make



Rita Ansley holds a child at the hospital while on a medical mission trip to Ouanamithe, Haiti. (Photo provided)

the way and He will say, 'It's your turn to go,' and He will send me right out.

"Since we had this trip, it has inspired our church's youth to go to Haiti as well as other mission trips. My daughter went to help repair homes that had been dam-

aged by Hurricane Katrina, and that was really good."

Ansley's mission team worked through the Coalition of Children in Need Association (COCINA). More information on the organization is available at www.haitiococina.org.

Arnold Golf Course 454-7076

Check us out on Facebook! Arnold AFB Services Golf Course

Mulligan's Coffee Bar & Grill is open 10:30 a.m.-2 p.m. Monday through Friday and 8 a.m.-2 p.m. Saturday and Sunday. **Closed Dec. 25 and Jan. 1.** Call ahead orders for dine in or carry out, 454-FOOD (3663).

Arnold Golf Course **merchandise sale** continues through the end of December. Do your Christmas shopping with special discounts ranging from 5 to 30 percent off. Pick out your merchandise then come to the counter and roll a die to determine your discount. You must pay for the merchandise immediately after rolling. Roll a one for 5 percent off, two for 10 percent off, three for 15, four for 20, five for 25 or six for 30 percent off. No double discounts, and Members First Plus discount does not apply in conjunction with this offer.

Arnold Golf Course has a **new winter special** good seven days a week through Feb. 28, 2012. Play all day for \$10 green fee. Regular cart fees apply.

Arnold Lakeside Center 454-3350

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

First Friday Jam is Jan. 6 starting at 6 p.m. Come to play, listen, dance and enjoy. Join in with the band to play an instrument or sing. Or take over and do your own performance.

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

Friday 4-9 p.m.

Jan. 6: Dozen butterfly shrimp, \$10.95 members, \$11.95 nonmembers.

Jan. 13: Feta and onion topped New York strip, \$15.95 members, \$16.95 nonmembers.

Jan. 20: Homemade lasagna, \$10.95 members, \$11.95 nonmembers.

Jan. 27: Lynchburg ribeye, \$13.95 members, \$14.95 nonmembers.

Saturday 5-9 p.m.

Jan. 7: Pork medallions with sauteed apples, \$11.95 members, \$12.95 nonmembers.

Jan. 14: Prime rib for two, \$29.95 members, \$31.95 nonmembers.

Jan. 21: Evening Under the Stars semi-formal event, dinner/social 5:30-6:30 p.m., magic show 6-7 p.m., Jerry Anderson Ensemble 7-10 p.m. Ages 18 and up. RSVP by Jan. 17. \$16.95 members, \$18.95 nonmembers. Limited to first 80 to sign up.

Jan. 28: Monterey chicken, \$10.95 members, \$11.95 nonmembers.

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

Last Friday Trivia Contest returns 6:30 p.m. Jan. 27. Teams can have up to four people. No cell phones are permitted during the event. Anyone using a phone while a question is underway will be disqualified. Questions in random categories will be given. Prizes for top finishers.

Daytona 500 tickets available at discounted prices through ITT (Information, Tickets and Travel). The race will be Feb. 26, and various packages are available. Call 454-3303 for details.

Barber Shop open five days a week from 8 a.m.-4 p.m. Monday through Friday. **Closed Dec. 26-Jan. 2.** Closed Wednesdays as of Jan. 1. Haircuts are \$8 and are by appointment. Call 454-6987.

Movie nights schedule page H3.

Family Member/Youth Programs (FamY) 454-3277

Check us out on Facebook! Arnold AFB Services Youth Programs

ALC New Year's Eve Casino Night



Arnold Lakeside Center will ring in the New Year with a Casino Night on New Year's Eve, Dec. 31, beginning at 6 p.m. for ages 18 and older.

A dinner buffet will be served from 6-9 p.m. and includes tossed salad, prime rib, Cajun-crusted tilapia, balsamic vegetables, sautéed green beans, baby baker potatoes, wild rice blend, assorted dinner rolls, tea, coffee and assorted cheesecake for dessert.

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.

As midnight nears, watch the New York City ball drop countdown on the big screen.

Immediately following there will be a breakfast buffet served until 1 a.m.

Reservations are required for the buffets by Dec. 19. Cost is all inclusive for both buffets at \$26 for members and \$28 for nonmembers. Call 454-3350 for reservations or more information.

Tops in Blue to perform Jan. 24 in Tullahoma



Outdoor Rec heads to Gatlinburg for ski trip



Come join Outdoor Recreation as we hit the slopes in beautiful Gatlinburg Jan. 20-22. We will leave Friday at 4 p.m., arriving in the evening to check into the hotel with time to look around and do a little shopping.

Wake up bright and early on Saturday morning to hit the slopes. There will be a one-hour lesson at 9 a.m. with the rest of the day to enjoy skiing. Saturday evening will be an opportunity for you to enjoy the

night life of Gatlinburg. We will depart on Sunday at 11 a.m.

The cost is \$300 per person or \$450 for couples. If you would like to try snowboarding, the cost is an extra \$20 per person.

This trip is for ages 8 and older and sign up deadline is Jan. 11. Cancellations are nonrefundable starting Jan. 12. There must be a minimum of 10 to take the trip and no more than 14. Call 454-6084 to sign up.

Evening Under the Stars Dinner, Dance and Show coming Jan. 21

Arnold Lakeside Center will host a semi-formal event to include dinner service and cocktail social from 5:30-6:30 p.m. with magic show from 6-7 p.m. and dancing to the Jerry Anderson Ensemble from 7-10 p.m.

The event is for ages 18 and up and reservations are required by January 17. Cost is \$16.95 for members and \$18.95 for nonmembers.

This event is limited to the first 80 to sign up.

Tops in Blue will be performing at the Tullahoma High School auditorium 7 p.m. Jan. 24.

Tops In Blue is an all-active duty U.S. Air Force special unit made up of talented amateur performers selected for their entertainment abilities.

Each year thousands compete in base talent contests and the most talented move on to higher levels of competition. The result is an elite group composed of 35 of the most talented vocalists, musicians, dancers, comedians, magicians, and dramatists worldwide.

Known as the Air Forces' Expeditionary Entertainers, the group's main mission is to perform for military personnel and their families throughout the world. The enormous popularity of the group has also made them America's goodwill ambassadors around the globe.

Each team begins their tour with an intense 45-day training period at Lackland Air Force Base, Texas, "Home of Tops In Blue."

This training consists of a highly-accelerated educational process to prepare them to succeed as world-class entertainers and distinguished Air Force Ambassadors during their nine-month tour.

The performers must not only master the instrumentals, vocals and choreography, but also the intricate responsibilities of being their own technical staff. The performing team is responsible for setting

up more than 80,000 pounds of staging, lighting, audio and special effects equipment required for each performance.

They must also become a complete self-contained operational unit with each member being responsible for logistical responsibilities such as ground transportation, airlift, lodging, dining, wardrobe, palletizing, etc. throughout the tour.

To date, Tops In Blue has traveled more than 4 million miles to military bases throughout the world, performed at six World Fairs, over 100 state fairs and festivals, and performed at countless air shows, military balls and special events.

The 2011 tour, Rhythm Nation, brings to life the music of America from the early 1900s through today.

It provides a glimpse of a century of popular music and how it grew through new rhythms and technology.

It features the swingin' jazz of Nat King Cole and Billie Holiday, the great rock n' roll sounds of Little Richard and Jerry Lee Lewis, the cool Motown R&B of Marvin Gaye and Tammi Terrell, hits by J-Lo and Michael Franti, some inspirational country sounds and much, much more!

Add the high energy precision choreography and dazzling visual impact Tops In Blue is known for and every member of the audience will be singing along and dancing in their seats.

Call 454-3303 for ticket information.

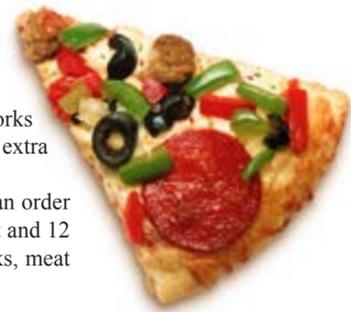
Café 100 now offers pizza

Café 100 Pizza is available 10:30 a.m.-1:30 p.m. Monday through Friday.

Pizza is available by the slice in pepperoni or sausage for \$2 per slice or the works (pepperoni, sausage, ham, green pepper, onion, mushrooms, black olives, bacon and extra cheese) for \$3.50 per slice.

Whole pizzas are available if ordered the day prior and will require completing an order form and paying in advance. Selections for whole pizzas come in thin or thick crust and 12 or 16 inch. Choose from cheese, pepperoni, sausage, Canadian bacon, veggie, works, meat lovers or build your own from a variety of toppings.

Salads are also available for \$3 with choice of ranch, French or Italian dressing.



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

Services information written and provided by Tanya Haggard

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 Division 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, Outdoor Recreation (Marina, FamCamp, Crockett Cove), Golf Course, Family Member/Youth Programs 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 remains 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
 Complex Manager – 454-3367
 Arnold Lakeside Center (ALC) – 454-3350
 Arnold Lakeside Center catering – 454-3350
 Gossick Leadership Center – 454-4003

Café 100 – 454-5885
 Membership Information – 454-3367
 Information Tickets, Travel – 454-3303
 Fitness Center (FC) – 454-6440
 Outdoor Recreation (ODR) – 454-6084
 FamCamp – 454-6084
 Marina – 454-6084
 Recycling – 454-6068

Family Child Care – 454-3277
 Family Member/Youth Programs – 454-3277
 Human Resources – 454-5481
 Marketing & Sponsorship – 454-3128
 Barber Shop – 454-6987
 Wingo Inn – 454-3051
 Golf Course (GC) – 454-GOLF (4653) or 454-7076
 Mulligan's Coffee Bar and Grill - 454-FOOD (3663)

January 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 FC Open 8 a.m. – 4 p.m., no classes	3 ALC AEDC Woman's Club luncheon, 9:30 a.m. FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m.	4 FC Boot Camp 6 a.m. FC Pilates 11 a.m.	5 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m. ALC Dinner & Movie Night "The Ides of March" R dinner 5-8 p.m. movie 6:30 p.m.	6 FC Boot Camp 6 a.m. FC Piloga 11 a.m. ALC Dozen Butterfly Shrimp, \$10.95 member, \$11.95 non, 4-9 p.m. ALC First Friday Jam, 6 p.m.	7 ODR Paintball 9:30 a.m.-3:30 p.m., age 10+, \$35, 454-6084 ODR Basics of Winter Camping Class, 2-4 p.m., \$5, sign up by Jan. 5, 454-6084 ALC Pork Medallions with Sauteed Apples, \$11.95 members, \$12.95 non, 5-9 p.m.
8	9 FC Boot Camp 6 a.m. FC Cycling Class 11 a.m. FC Yoga 11 a.m.	10 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m.	11 FC Boot Camp 6 a.m. FC Pilates 11 a.m.	12 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m. ALC Dinner & Movie Night "Moneyball" PG-13 dinner 5-8 p.m. movie 6:30 p.m.	13 FC Boot Camp 6 a.m. FC Piloga 11 a.m. ALC Feta and Onion Topped New York Strip, \$15.95 member, \$16.95 non, 4-9 p.m.	14 FamY Day Trip to MLK, Jr. Center, 8 a.m., \$35 ODR Paintball 9:30 a.m.- 3:30 p.m., age 10+, \$35 ALC Prime Rib for Two, \$29.95 member, \$31.95 non, 5-9 p.m. ODR Ruby Falls Lantern Tour, \$40, 5:30-10:30 p.m.
15	16 FC Open 5 a.m. – 6 p.m. FC Boot Camp 6 a.m. FC Cycling Class 11 a.m. FC Yoga 11 a.m.	17 FC Cycling Class 11am FC Karate 3 p.m. FC Zumba 4:15 p.m.	18 FC Boot Camp 6 a.m. FC Pilates 11 a.m. FC 3 Point Shoot Out, 5:15 p.m.	19 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m. ALC Dinner & Movie Night "Real Steel" PG-13 dinner 5-8 p.m. movie 6:30 p.m.	20 FC Boot Camp 6 a.m. FC Piloga 11 a.m. ALC Homemade Lasagna, \$10.95 members, \$11.95 non, 4-9 p.m. ODR Gatlinburg Ski Trip, \$300, \$450/couple, sign up by Jan. 11, 454-6084	21 ODR Paintball 9:30 a.m.-3:30 p.m., age 10+, \$35, 454-6084 ALC Evening Under the Stars Dinner, Dance and Show, \$16.95 member, \$18.95 non, RSVP by Jan. 17, 454-3350
22	23 FC Cycling Class 11 a.m. FC Yoga 11 a.m.	24 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m. ALC Tops in Blue, Tullahoma High School auditorium, 7 p.m., call 454-3303 for ticket information	25 FC Intramural Basketball rosters due FC Boot Camp 6 a.m. FC Pilates 11 a.m.	26 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m. ALC Dinner & Movie Night "Footloose" PG-13 dinner 5-8 p.m. movie 6:30 p.m.	27 FC Boot Camp 6 a.m. FC Piloga 11 a.m. ALC Lynchburg Ribeye, \$13.95 member, \$14.95 non, 4-9 p.m. ALC Last Friday Trivia, 6:30 p.m.	28 ODR Paintball 9:30 a.m.-3:30 p.m., age 10+, \$35, 454-6084 ALC Monterey Chicken, \$10.95 member, \$11.95 non, 5-9 p.m.
29	30 FC Boot Camp 6 a.m. FC Cycling Class 11 a.m. FC Yoga 11 a.m.	31 FC Cycling Class 11 a.m. FC Karate 3 p.m. FC Zumba 4:15 p.m. FC Intramural Basketball begins, 5:30 p.m.; rosters due Jan. 25	 <div style="text-align: right; padding-right: 20px;"> <p>Café 100 Pizza available by the slice 10:30 a.m. – 1:30 p.m. Mon.-Fri. Order whole pizzas the day prior.</p> </div>			

Hours of operation

Arnold Lakeside Center: Catering/Management offices by appointment. Dinner: Arnold Express Menu or Hap's Pizza only Thursday 5-8 p.m., dinner or Arnold Express Menus and Hap's Pizza Friday 4-9 p.m. and Saturday 5-9 p.m.; Main Bar Thursday 5-8 p.m., Friday 3:30-10 p.m. and Saturday 5-10 p.m.; Social Hour Friday 4-6 p.m., Movie Night Thursday 6:30 p.m. **Closed Dec. 20-29.**
Family Member/Youth Programs: Tuesday through Friday 10 a.m.-5 p.m., Saturday 12-5 p.m. **Open 12-4 p.m. Dec. 23, Closed Dec. 24 and Jan. 1.**
Outdoor Rec: Main Office, Check In and Auto Shop Tuesday through Saturday 10 a.m.-5 p.m. Marina by appointment only.
Fitness Center: Monday-Friday 5 a.m.-9 p.m.; Saturday 8 a.m.-4 p.m. **Open 5 a.m.-6 p.m. Dec. 19-22 and Dec. 27-30, Open 8 a.m.-4 p.m. (no classes) Dec. 23, 24, 31 and Jan. 2, Closed Dec. 26, Open 5 a.m.-6 p.m. Jan. 16.**
Arnold Golf Course: Pro Shop & Driving Range 8 a.m.-dusk. Driving Range open 24 hours with prepurchased key card. Mulligan's Coffee Bar & Grill Monday through Friday 10:30 a.m.-2 p.m., Saturday and Sunday 8 a.m.-2 p.m. **Closed Dec. 25 and Jan. 1.**
Recycling: Monday through Friday 7 a.m.-4 p.m. **Closed Dec. 26 and Jan. 2.**
Wingo Inn: Monday through Friday 7 a.m.-6 p.m., Saturday and Sunday 8 a.m.-4 p.m. **Closed Dec. 25**
Barber Shop: by appointment – Monday through Friday 8 a.m.-4 p.m. **Closed Dec. 26-Jan. 2. Closed Wednesdays effective Jan. 1.**
GLC: Monday through Friday 7 a.m.-3:30 p.m. May vary depending on bookings. **Closed Dec. 23, 26 and Jan. 2.**
Café 100: Monday through Friday 6:30 a.m.-1:30 p.m. **Closed Dec. 23, 26 and Jan. 2. Open 6:30-9a.m. Dec. 27-30.**
Nonappropriated Funds Human Resources: Monday through Friday 7:30 a.m.-4 p.m. **Closed Dec. 26 and Jan. 2.**

BX/Commissary customer eligibility

AEDC government civilian and AEDC contractor employees have access to the following limited items at the base exchange (BX): consumable items including toiletries and over-the-counter pharmaceuticals, food items such as candy, chips, little meal items, hot dogs and soft drinks. Alcohol and cigarettes are not included as consumable items. However, only active duty and retired uniformed services personnel and their dependents are eligible to use the base commissary next to the BX. The commissary hours of operation: Tuesday, Wednesday and Friday 9 a.m.-5:30 p.m., Thursday 9 a.m.-6 p.m. and Saturday 8 a.m.-4:30 p.m. The BX hours of operation: Tuesday through Friday 9 a.m.-5:30 p.m., and Saturday 8 a.m.-4:30 p.m. **The BX is open 8 a.m.-3 p.m. Dec. 24.** For more information contact Chris Floden, BX manager, at (931) 454-7153 or Jeff Lillard, Commissary manager, at (931) 454-3545.

AAFES Dividends

Dividends generated from the Army and Air Force Exchange Service (AAFES) overall earnings are a major contributor to Services nonappropriated fund (NAF) construction and renovation projects as well as equipment purchases. Services would like to thank all AAFES customers for their support. Dividends received for November 2011 totaled \$8,481.91.

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 H1

Arnold Youth Programs is planning a **day trip to the Martin Luther King, Jr. Center** in Atlanta, Ga., Jan. 14 in recognition of Martin Luther King Jr. Day, which is a federal holiday the third Monday of January honoring his Jan. 15 birthday. The Center is the official living memorial dedicated to advancing the legacy of Dr. King. We will visit other attractions throughout the day, so remember to wear proper footwear and dress accordingly as this is a walking tour of about a square mile. We will begin our visit by following the Civil Rights Walk of Fame past the statue of Mahatma Gandhi to the National Park Service Visitor Center. After exiting the Visitors Center, we will tour Dr. King's crypt, now also the resting place of his widow, Coretta Scott King. Then it's over to the Eternal Flame, which symbolizes the continued efforts of a World of Justice, Peace and Equality, which King gave his life to achieve. Next will be the Freedom Hall, which is one of two exhibits used for events and programs. Directly across the street we'll visit his birth home and end with a guided tour of the Historic Ebenezer Baptist Church (Heritage Sanctuary) where the late King began his pastoral. This trip is open to ages 9-18 but is limited to the first 12 to sign up. Cost is \$35 and includes morning snack, sack lunch and stopping for dinner on the way back. We will depart from the Youth Center at 8 a.m. and will return approximately 8 p.m. Remember to bring extra money for the gift shop. Sign up deadline is Dec. 27.

Instructional Classes (Music, Spanish & Fencing). If you or your children would be interested in any of the following classes please contact Youth Programs now. Plans are underway to offer a variety of music lessons to include piano, acoustic guitar, electric guitar, electric bass, drums/percussion and even voice. Also available are Spanish lessons teaching basic knowledge, grammar and vocabulary in a classroom-style setting. Group lessons for beginner fencing, often called "physical chess," will also be available. Modern fencing allows participants of all ages and attributes to meet on a more equal footing than almost any other sport. With its origins in armed combat, honor and intrigue, this isn't what you see in the movies, but a contact sport and true martial art. As a martial art, fencing teaches respect for one's opponents and mental, physical and emotional control. Students begin with the fundamentals of Olympic-style foil fencing: attack, defense and proper "etiquette," progressing to concepts of distance, timing and strategy. Emphasis is on developing a usable and solid foundation through body-awareness exercises, group/paired practice, drills, demonstrations and explanations. Music and Spanish lessons are open to all ages and fencing is for ages 9 and older. Call today! The more involved, the better the rates will be for these classes.

**Fitness Center
454-6440**

Check us out on Facebook! Arnold AFB Services Fitness Center

BYOT: Bring Your Own Towel. Remember to bring your towel as the Fitness Center no longer provides towel service.

Fitness Center Equipment Orientation by appointment Monday through Friday during January. If you are unfamiliar with fitness equipment or may have questions pertaining to proper form then call for an appointment with Kevin Duncan, Cooper Institute Certified Personal Trainer (CI-CPT).

3 Point Shoot Out will be held Jan. 18 at 5:15 p.m. Participants will shoot two shots from each of five locations earning one point for each shot made. Choose to use the "Money Ball" anytime and it is worth two points. Top three point earners will win prizes.

Intramural Basketball League set to begin Jan. 31. Games will be played on Tuesdays and Thursdays at 5:30, 6:30, and 7:30 p.m. Sign up as individuals or teams. Must be age 16 or older. Rosters are due Jan. 25.

Cool 100 Walk/Run Incentive Program continues. Participants log their miles using the honor system. Participants may use the track located behind the A&E building, the trail behind the Fitness Center, a treadmill in the Fitness Center facilities or at home. These miles are to be turned in either daily or weekly. Participants who complete 100 miles before Feb. 1 will receive a t-shirt. Call 454-6440 to sign up and remember to give your shirt size.

Group Class Schedule (for eligible users only):

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

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

Check us out on Facebook! Arnold AFB Services Outdoor Recreation

The **USAF Arts & Crafts Gallery** program entry deadline is Dec. 30. Enter your craft, photography and digital art images to Outdoor Recreation. Entries will be submitted to HQ AFMC for approval and upload to the Air Force Gallery. There are three age divisions (youth 6-12, youth 13-17 and adult) and each category allows three entries per person. There are specified criteria to follow for submission and an entry application to be completed. Call for complete details. All approved submissions will be available for viewing on airforcegallery.com in March/April 2012.

Basics of Winter Camping class Jan. 7 from 2-4 p.m. for all ages. Cost is \$5 and sign up deadline is Jan. 5. Even though it's a cold time of year it is still a

fun time to camp. Come to Outdoor Recreation to learn the basics of camping during the cold months to include proper gear, best food for the trip and how to pick your camping spot. There must be at least four to take the class at no more than 25.

Ruby Falls Lantern Tour planned for Jan. 14. Meet at Outdoor Recreation at 5:30 p.m. to head to Chattanooga for this intimate experience allowing visitors a rarely-seen view deep within Lookout Mountain. Tours begin with a 260-foot elevator ride into the mountain. Upon arrival, there will be no staged lighting in the cave. Select members of the group will be equipped with a small hand-held electric lantern and the tour guide will have a fueled inspector's lantern. As your eyes adjust to the low light, you will begin to see remarkable sites, dancing shadows, and feel a sense of mystery looking into the darkened path ahead. The Ruby Falls Lantern Tour is not only a visually stimulating experience but is also a storytelling trip. As mysterious shadows dance on underground walls, your guide will share tales of folklore, stories of unexplained phenomena and details on the rich history and geology of the Ruby Falls Cave. The trip is for ages 5 and up and cost is \$40. Expected return time is approximately 10:30 p.m. Remember to bring your jacket and a camera. There must be at least 8 to take the trip and no more than 14. Call to sign up.

Paintball is every Saturday 9:30 a.m.-3:30 p.m. Anyone age 10 and older may play, but ages 10-17 must have a parent permission form. Interested participants need to call and sign up at least a day ahead of time to ensure equipment availability. Once the day comes everyone will meet at the paintball field. Cost is \$35 per person with equipment provided and includes 500 paintballs and a tank of air. It is \$20 per person for those with their own equipment and that also comes with 500 paintballs. All paintballs used must be purchased from ODR for \$13 per bag of 500 or \$45 for a box of 2000. If you're looking for some fun filled,

scenario paintball, we will see you on Saturday.

Reservation Policy: FamCamp and Crockett Cove 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.

Tired of paying high prices for vehicle maintenance? Come by and visit the **auto shop** located at Outdoor Recreation. Our auto shop is equipped with a vehicle lift, air compressor, parts washer and a variety of tools for anyone to perform regular vehicle maintenance jobs. The fee is a low \$2 per hour. For an additional fee our staff can repair, mount, balance and rotate tires. Anyone wanting that done must call ahead for an appointment. Tire repairs requiring a plug are only \$5 per plug. Mountings are \$3 per tire and \$2 for balancing.

It's party time! Need an **inflatable bounce house or slide** for your child's next birthday party? Look no farther than Outdoor Recreation with our low prices. We have 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 \$200 per day. We also have a giant basketball hoop for \$75 per day and a Rocket Bounce House for \$100 per day. If you need a water slide then our 18-foot Double Drop Wet/Dry slide will be great for any event and is only \$200 per day. Please contact Outdoor Recreation at 454-6084 to make your reservation today!

Trying to decide where to hold your family reunion or party? We have a few **locations with pavilions** to rent that you can choose from. There are two pavilions at Crockett Cove and one at the Arnold Lakeside Beach. Usage is for authorized personnel only. Rental fee is \$25 per day with a \$50

refundable cleaning deposit that will be charged upon reservation. Once the pavilion is confirmed to be clean the \$50 will be refunded. Reservations may be made 30 days in advance at the Outdoor Recreation building or by calling 454-6084.

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

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

**Wingo Inn
454-3051**

Check us out on Facebook! Arnold AFB Services Wingo Inn

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

**Gossick Leadership Center
454-3024**

Check us out on Facebook! Arnold AFB Services Gossick Leadership Center

The **Gossick Leadership Center (GLC)** may be used for events such as meetings, conferences, lun-

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

**AEDC Woman's Club
393-2552**

The January AEDC Woman's Club program will be held Jan. 3. Tamela Hampton, owner of The Silver Mine in Tullahoma, will present a mini boutique of items from her shop. These will include watches and all types of silver jewelry.

Make reservations by Dec. 28 by contacting Liz Jolliffe at 393-2552 or JAJolliffe@aol.com, Jane Ricci at 962-1378 or dickanjane@comcast.net or Lucie Miller at 723-2054 or lj-rdmiller@charter.net.

The Woman's Club Valentine Dinner Dance is set for Feb. 11. This year's theme will be "Fire and Ice." The Timeline Band will perform dance favorites. The event will be held at Arnold Lakeside Center and is open to all base employees. A silent auction will be held to benefit the Woman's Club Scholarship Foundation. Social will begin at 6 p.m. with dinner at 7 p.m. Cost is \$35 per person and dress is semi formal. RSVP by Feb. 6 to Patti Mathis at 580-8898.

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.

January Movie Schedule

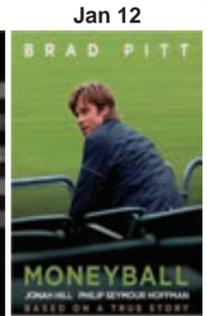
Movie nights are Thursdays with movie start time of 6:30 p.m. and dinner available from the Express or Pizza menus from 5-8 p.m.

Jan. 5 – "The Ides of March," rated R starring George Clooney and Ryan Gosling. An idealistic staffer for a newbie presidential candidate gets a crash course on dirty politics during his stint on the campaign trail.

Jan. 12 – "Moneyball," rated PG-13 starring Brad Pitt and Jonah Hill. The story of Oakland A's general manager Billy Beane's successful attempt to put together a baseball club on a budget by employing computer-generated analysis to draft his players.

Jan. 19 – "Real Steel," rated PG-13 starring Hugh Jackman and Evangeline Lilly. Set in the near future, where robot boxing is a top sport, a struggling promoter feels he's found a champion in a discarded robot. During his hopeful rise to the top, he discovers he has an 11-year-old son who wants to know his father.

Jan. 26 – "Footloose," rated PG-13 starring Kenny Wormald and Julianne Hough. City kid Ren McCormack moves to a small town where rock 'n' roll and dancing have been banned, and his rebellious spirit shakes up the populace.



Jan 5

Jan 12

Jan 19

Jan 26

