Economic impact for 2010 tops $690 million

By Darbie Sizemore
Aerospace Testing Alliance

Economic impact for 2010 tops $690 million, according to the Tennessee Valley Authority economic impact model methodology. AEDC estimated that approximately 1,000 secondary jobs were created in the local area, for a total of approximately 4,400 jobs directly related to AEDC. Examples of secondary jobs include those created by home construction, and at local supermarkets, car dealerships and department stores.

During FY 2010, the payroll cost for AEDC government and contractor personnel was $252 million. AEDC’s direct expenditures — which include utility costs, service contracts with outside vendors and military health insurance paid to local doctors and hospitals — was more than $468 million. Furthermore, the indirect spin-off impact of these direct expenditures is approximately $226 million. The overall economic impact figure does not include the estimated $93.4 million paid to the approximately 4,321 retired military personnel living in the local area. In total, this retired pay group generates more than $137 million, including the spin-off effect.

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Internal “Giant Voice” fix saves money

By Patrick Ary
Aerospace Testing Alliance

You could say the “Giant Voice” that sends messages across AEDC has suffered a case of laryngitis over the last couple of months.

Now, base workers have installed their own cure for it that also resulted in savings for AEDC.

Several months ago the Air Force Materiel Command directed the installation of AtHoc, a software modification to the notification system that would allow finer-formatted messages to be broadcast to the base population. The system would be the standard for all AFMC bases.

Up until the update, the Operations Center had only a limited number of preformatted messages they could send out, according to project manager Steve George. With the new system, they have the flexibility to send out messages that better fit the situation.

Base technicians gave the AtHoc vendor all the information they needed to customize the software that’s being used to send messages.

Some may have noticed the base Mass Notification system’s public address messages have been quieter in the last few weeks. This has to do with the type of software that’s being used to send those messages. Several months ago the Air Force Materiel Command directed the installation of AtHoc, a software modification to the notification system that would allow finer-formatted messages to be broadcast to the base population.

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The holiday season ... will your light shine brightly?

Col. Michael Panarisi
AEDC Commander

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AEDC Commander

With Christmas, Hanukkah, Kwanzaa and other holidays underway, it’s become a tradition to decorate our homes, offices and public places. Nearly every holidayola includes colorful lights.

Drive down main street with your eyes on countless displays in shop windows, hanging on the street posts and adorning homes everywhere in the neighborhood.

These lights really add a nice "sparkle" to the season, and help us all see the celebration, but when did the tradition of using lights come from? What do these lights really represent? You can imagine, the list of explanations is long and varied, but I have a favorite.

This story tells of the years past when we huddled around the fireside, waiting for the middle of a big winter storm. The wind howled outside, and wehuddled through the chimney, feeling cold and lonely.

Before long, the wood started to burn, and the next time the air was clear, the flames were rising, brighter outside than inside. The moment arrived when everyone decided to storm the brain and head outside to gather more wood.

He didn’t think he could have been in the blowing storm, but he lost sight of his home and struggled to find his way back.

The family was warned not to add any more fuel to the fire. Repeated warning were made as they decided the string of events could be continued. It was decided that the story would end this way.

Before long, the fires were burning brightly, and we huddled near the flames, feeling the warmth of our family.

If you choose to light your holiday decorations, please follow some simple safety tips:

• Keep the "cell phone." With the cell phone, you can always keep in touch with the family.
• Have a class in the early part of the holiday season to go through the safety procedures.
• If the situation isn’t right, give us a chance.

Col. Michael Panarisi
AEDC Commander

Vision

Core Values

• Character - is who we are to all others - own actions, own advanced of individuals and equipment - demand for integrity and ethical standards - accountablity - Committed to excellence - Communicate clearly and integrity - Customer service - people first - Alignment with customer goals - Unyielding in our commitment to the environment - Use disciplined and prudent judgment - Continually improve all processes

Air Force leaders issue holiday message to Airman


Air Force leaders invite you to celebrate the holidays, please take the opportunity to reflect on our past, present and future, and to remember the people who sacrifice and serve to defend our country and preserve our precious freedoms.

Those who are spend the holidays away from family. Whether you are deployed or at home among family members, I hope that you are able to capture the family spirit of this special time of the year for friends, and to give the particularity of the deep and abiding respect and gratitude.

We are honored to serve you and your family in the service of our nation. Our thanks for your sacrifice and service. May all of us find the grace, love and joy of the holiday season. We look forward to their time with family and friends as they remember our loved ones.

Robert Sitterlin
“It’s the most common reason

According to NFPA, 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. 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.

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, employees go to their chain of command, if the situation isn’t right, give us a chance.

We ask that you reach out to our organization as a single Airman, and that you seek the support and that makes Air Force life so rich. Please remember that you are not alone, that you welcome you into our holiday celebrations. The Air Force Alliance is one of the many organizations that, given the many sacrifices of family members, who are teaming up to honor the Air Force tradition and carry on the “sea of cubes” to wish everyone a happy holiday missile to the American of the U.S. Air Force.

May all of us find the grace, love and joy of the holiday season.

David Taylor
AEDC Commander

What is the worst thing ever invented?

Air Force Magazine

Smoking Policy

Policy

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

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

The holiday season is coming, and for many people this is the time when they need help to stay healthy and work together to defend our country and bring about peace for all.

The time to start smoking is never, but it’s important to always be prepared.

According to the American Lung Association, tobacco use is the number one cause of preventable death in the United States, and tobacco use is the leading cause of preventable death in the United States.

The fact that smoking is a public health crisis is not only bad for our health, but also for our quality of life. We inspire others to do the same. We also like to be able to say "no" to smoking, and so we will be continuing to support our family and friends in this important effort.

We ask that you reach out to our organization as a single Airman, and that you seek the support and that makes Air Force life so rich. Please remember that you are not alone, that you welcome you into our holiday celebrations. The Air Force Alliance is one of the many organizations that, given the many sacrifices of family members, who are teaming up to honor the Air Force tradition and carry on the “sea of cubes” to wish everyone a happy holiday missile to the American of the U.S. Air Force.

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New training facility is open for business

A ribbon-cutting ceremony held Dec. 13 on the first floor of the A&E Building at AEDC marks the availability of a new training facility. Colonel Robert Bender, Mission Support Division Director, and Col. Michael Sizemore, AEDC’s director of mission support, unveiled the project from AEDC’s civil engineering branch’s project office.

Sizemore said he is pleased with the new addition.

“The room will be used some better training capabilities to be able to provide testing for some of our propulsion applications,” he said. “We also want to bring in some vendor training, meetings and conferences, workshops, retreats, seminars and other types of seminars. We just had a multitude of requirements that [above] the need for a facility of this type—a place that is climate controlled and soundproof in a room similar to what it is.”

“This room is located, it’s on the first floor, it’s accessible to our cafeterias and it has a nice lobby or break area just outside of it, so the location ensures we can hold training sessions, seminars, etc., that won’t be disruptive to other areas of the work force. It will be a very utilitarian facility.”

The room will be able to accommodate approximately 60 people and can also be divided into two rooms of 34 and 26 respectively with an easily assembled wall that has acoustic panels installed to separate the room between the resulting two classrooms.

Sizemore said one example of the kind of classes to be held in the new training facility will include “our weighted airmen promotional testing.”

“We now have a facility that meets all included lighting, sound and required requirements, etc.” he explained. “We didn’t have a facility that was certified on all requirements until we established this facility.”

Elrod said the room was assigned to complete the training room project midway through its execution.

Describing the features of the most recent addition to the A&E Building, she said, “We have new audiovisual equipment, it also [allows the users to] connect to the network. We exclude training [and] testing in here. It meets all the requirements for testing, [including] individual thermostat controls to keep it at a comfortable temperature. You can adjust the thermostat controls to keep it at a comfortable temperature. You can adjust the information should a need arise. There is also a quick response pack being prepared for supervisors. Expect to see more training that meets new requirements in coming months.”

New assault response coordinator on the job

AEDC employee wants to educate more Airmen, civilians in her new role on base

Sue Sipe recently took on new duties as AEDC’s new assault response coordinator. “I am thrilled to be in this new role,” she said. “But we have a lot who have kids in that age group. Working together, we can give them some tools to be more prepared to recognize potential high risk situations.”

Sipe said “Do not think about the demographics at Arnold, we have a lot of people who may not be in that 18-28 age group most likely to be assaulted.” She said, “but that ‘we have a lot who have kids in that age group. Working together, we can give them some tools to be more prepared to recognize potential high risk situations.”

DoD dependents over age 18 are covered under the SARC program, according to Sipe.

Airmen and Air Force civilians who need help can call the Arnold Assault Hot Line’s 24-hour number at (931) 381-7494. Sipe is on-call 24 hours a day to help when someone needs it. She invites those with a need or simply an inquiry to contact her. Calls are confidential.

“Being the victim of a crime is a stress. Something that will be devastating,” Sipe said. “Sharing your story with someone can be extremely difficult, as the victim may feel they are living the occurrence again and again. It is a necessary compo

Sipe says her role is to advocate for the victim, and to work with them to develop a plan that can help them through this difficult time by providing emotional support and education, accompanying the survivor to appointments if they desire, performing crisis intervention and collaborating with other helping agencies on the victim’s behalf. The advocate can play a major role in helping physical, medical, investigative and legal services for a victim.

AEDC Engineering Specialist Dr. Stan Powell (seated) presents AIAA awards for educational outreach programs to students and Professor Frankel for his contributions to the Ar

AEDC Engineering Specialist Dr. Stan Powell (seated) presents AIAA awards for educational outreach programs to students and Professor Frankel for his contributions to the Arnold Award for outstanding personal contributions to the advancement of test equipment and procedures. Several UTSI mechanical, aerospace and bio-

The American Institute of Aeronautics and Astronautics (AIAA) recently honored four University of Tennessee Space Institute (UTSI) students for their educational outreach in support of pre-college programs.

The students were nominated by Tom Bree, AEDC director of education and technical management, and Dr. Stan Powell, AEDC’s Education Technology Branch. Dr. Trevor Mowled of UTSI’s mechanical, aerospace and biomedical engineering (MABE) department accepted an award on behalf of the student branch of the Tennessee Section of AIAA for its role in support of the Arnold Award for educational outreach.

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Four students recognized for their efforts in education outreach

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The American Institute of Aeronautics and Astronautics (AIAA) recently honored four University of Tennessee Space Institute (UTSI) students for their educational outreach in support of pre-college programs.

The awards were handed out Nov. 17 at the UTSI cafeteria during the AIAA’s annual luncheon to honor individuals whose research and service achievements go above and beyond in furthering science and engineering or in providing community support.

Ben Klannam, Jamie Rogers, Rayne Sung and Andrew Wilson were instrumental in a community effort aimed at promoting testing.

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see a red glow, but for this test condi-
tion, the glow of the hardware was much brighter and more intense, indicating we were "on the edge," Tyler Evans, Pratt & Whitney's direc-
tive for AEDC's Angel Tree program, put it into perspective.

"While these are conditions the F135 engine will not experience during normal field operations, the purpose of this test was to demonstrate design margins at the most extreme operating conditions that could possibly exist," Evans explained.

"The engine that completed this test is in excellent condition. It will now complete STOVL, powered lift performance quali-
fication testing in West Palm Beach, one of the last steps prior to receiving Initial Service Release qualification from the govern-
ment." Kelly added. "The ISR engine which we have just qualified gives them [JSF program office and Pratt & Whitney] a more representative production type of engine(s) for upcoming flight testing. This follow-on work with this engine will be more representative of what they will see in the fleet." Jeff Dodd, the Air Force Test Al-
loc program manager on the test, was pleased with the project and the way AEDC's team worked together to complete a challenging test entry with a demanding schedule.

"It was a very successful test for the JSF program," Dodd said. "This was very effi-
cient test program in terms of the amount of test time, it operated very efficiently and we were able to figure out what for us to see everything working well including all the people involved and the facilities.

AEDC technicians noticed some messages were going out to siren units at half the expected volume. Working with the company to fix the problem didn't result in an ac-
ceptable solution, George said. When Alliloe said they didn't know what the problem was, workers at AEDC started looking at the rest of the communica-
tions system and found the problem.

"After some research we discovered that Alliloe didn't take into account the system is narrow-banded, which meant the system couldn't pass the audio at an acceptable level," George said.

After further trouble-
shooting, instrument tech-
nician Brent DeSalvo dis-
covered the problem was in the CHF radios installed in the siren units. The radios are limited in audio output because of Federal Com-
munications Commission requirements. DeSalvo decided to test a narrow-band radio that used VHF frequencies, and George said testing determined that the VHF narrow band would output the volume at an acceptable level. After that it was just a matter of getting the new equipment and taking the system offline Dec. 3-4 to install it in building units and pole-mounted units.

External vendor quotes to achieve acceptable vol-
ume levels came in at more than $100,000. The solu-
tion implemented by the ra-
dio shop was only $16,000. George says the problem never should have gotten as far as it did, but workers at AEDC did a good job responding to the situation.

"Our guys did some-
thing they shouldn't have to do," he said. "Our guys basically figured out there's a communications problem from a down-stream-directed system, and we figured out what the problem was and fixed it ourselves. Now that the system is running, the Operations Center has the flexibility to use the Mass Notification system for ad hoc "Giant Voice" addresses.

"It is a good thing," George said, "and it is a good fix by our folks." From left, AEDC's John Kelly and Jeff Dodd pose for a photo in front of the F135 engine that will power the short takeoff/ vertical landing (STOVL) variant of the Joint Strike Fighter (JSF). (Photo by Rick Goodfriend)
"This project was successfully completed through the collaborative efforts of several base organizations, including the Space Utilization Working Group, the Workforce Development Branch, the Civil Engineering Branch, the Contracting Division and ATA Design and Project Management. G Squared Construction Inc. was the main contractor – this was their first project at AEDC and they did an outstanding job."

Inna Kurits receives her first place award in the Technical Poster Contest from AEDC Tunnel 9 Director Dan Marren Nov. 18. (Photo provided)

Above left, Technical Poster Contest winners accepted their plaques Nov. 18. (front row) Carrie Reinholtz, third place (tie); Brian Binkley, third place (tie); Andy Escue, second place; Tom Best, AEDC technical analyst in Facilities and Test Technology and past chairman of AIAA. In the right photo, Kent Wilcher, third from left, accepts his plaque for tying in third place Dec. 14. (Photos by Rick Goodfriend)
of these was how the people

was very impressed with

sensors, was one of 12 judges

couldn't talk because of a tracheotomy

unit at Vanderbilt Hospital 11 days later

Her next memory is waking up in a trauma

When the driver lost control on the rainy

on Dec. 16, 2009. Three nights later, she

life was about to change forever.

ready to move on to the next chapter in her

Sometimes, the path has changed for

Emily says one of the moments it sank

in her neck to help her breathe.

she is working to get the

POSTERS from page 5

"Since the advocate functions in a spe-

"They said I was someone with a

"I couldn't have asked for better people

"I couldn't have asked for better people

success in the SARC. An advocate can

by the SARC. An advocate can

assault Prevention and Re-

"She's the first person that people see

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The annual Children's Christmas Party was held Dec. 5 at the Arnold Lakeside Center. AEDC family members brought out their children for an afternoon of crafts, games and visits with some of their favorite holiday characters, including jolly old St. Nick.
HOLIDAY JOY!

FAMILY

FUN

FOOD

FRIENDS
Deploying safety overseas in Iraq

ATA safety manager puts methods to practice in field

By Shawn Jacobs
AEROSPACE TESTING ALLIANCE

Elements of AEDC’s safety campaign — known on base as “Beyond Zero” — have made it as far as Iraq and may be partially responsible for an entire unit of the Tennessee Army National Guard returning safe and sound from their recent deployment.

ATA Safety Manager Warner Holt held a different job as the facilities, operations and maintenance branch deputy before he was deployed last year in support of Operation Iraqi Freedom. Holt is a lieutenant colonel in the Army National Guard and is the commander of the Regional Fires Squadron of the 278th Armored Cavalry Regiment, headquartered in Winchester. AEDC’s safety campaign had made such an impact on him that he was determined to make it a cornerstone of his command of the Field Artillery Squadron of the 278th, which deployed more than 500 troops and picked up another 500 troops when he arrived in Iraq.

During the deployment he was assigned as the garrison commander for Contingency Operating Sites Marez and Diamondback, and he commanded three organic Convoy Security Companies, which successfully executed more than 450 combat escort missions throughout northern Iraq.

“It was a great mission,” Colonel Holt said. “Of the 500 troops who took off, everybody came home. We’re proud of that.

“When I first learned about the mission, I started asking what our greatest threat is, and it was the IED (improvised explosive device). I went out to Fort Huachuca, Ariz., where they have a very concerted effort to defeat the IED. I went there to learn as much as I could about the IED and to get qualified as a tactical electronic warfare officer (TEWO), because that was our greatest threat.

Colonel Holt said, even though he would not be performing in the TEWO role while in Iraq, he wanted to learn more about the IED so he could ensure his troops were properly educated on the threat. But he said he had never had a squadron commander attend their course and, after completing the TEWO qualification course, he had a better idea of who the right person would be to put in that critical position. He said his unit was very successful in defeating the IED while they were in Iraq. His troops sustained 27 IED direct fire or indirect fire events while deployed, but no one was seriously injured.

Just prior to arriving in Iraq, Colonel Holt uncovered some additional information that surprised him. He learned that vehicle accidents — not IEDs — were responsible for accidents.

“They (MRAPs) were sustaining the brunt of the IEDs and saving the lives of our soldiers, but what was hurting them was driving these large vehicles without proper training, driving them too fast, not wearing seat belts, not wearing a gunner’s harness — all things that are preventable,” Colonel Holt said. “I hit the safety issue head on and emphasized the fact that accidents are preventable because, unlike here at AEDC, you look at the information and you do whatever you can to mitigate the risk.

“I met one-on-one with my troops in smaller groups and explained the safety trends, the risks and my expectations to them. I talked to them straight up about the aspects of safety and what’s killing and injuring U.S. soldiers in Iraq. I think at that time there had been 10 or so deaths and serious injuries in the previous year due to preventable accidents and vehicle rollover events. Again, most of the time these deaths and injuries were due to not following basic safety procedures and not using personal protective equipment (PPE) such as wearing seat belts and gunner’s restraints. My key leaders and I spent a lot of time and effort emphasizing the importance of following established procedures. Combat is not like playing a video game; there is no ‘do over’ button.

The colonel said he actually applied many of the principles and tactics from AEDC’s Beyond Zero (BZ) safety philosophy with his troops in Iraq.

“I didn’t call it that (Beyond Zero) because folks wouldn’t understand what that was, but I used the principles of BZ and discussed many of the same things that we talk about at AEDC – the culture of caring, spending time in smaller groups with the troops to ensure they are not OK to get in one of these vehicles and move without your seat belt or PPE on,” he said. “I told them there’s an accountability issue here as well. They understand the expectations, so if I observe them taking an unnecessary risk there will be some consequences.

“During a previous deployment [in Afghanistan], I had the unfortunate and painful experience of looking the loved ones of a fallen soldier in the eyes and explaining to them how sorry I am about their loss. I vowed to do everything possible to ensure my troops get the message of safety and that there was no room for noncompliance.”

Colonel Holt said that keeping troops safe is clearly a leadership issue, that the troops-first mentality, all the way up to the squadron commander, are ultimately responsible for their safety.

“I made it a top priority to ensure that we and the leaders of the Fires Squadron would do whatever it took to ensure everybody is returned to their family safe and sound,” he said. Of course, we had some bumps and bruises and some scrapes here and there, but everybody came back intact. As a commander, I couldn’t ask for any more.”

Colonel Holt said his unit came back early due to the troop drawdown. The mission was supposed to last through December, but they arrived home in early August.

The 25-year AEDC employee was quick to brag on AEDC and how the company supports its deployed employees.

“You won’t find a better company [that is] more supportive of its citizen soldiers,” he said. “I’m greatly indebted and greatly appreciative of how they handle and take care of folks who are being deployed.”

Colonel Holt said he knows he will always come back to a job after deployment, although it may not necessarily be the same job he left.

Colonel Holt, who has 28 years of service in the Army National Guard, was awarded two Bronze Stars for his service in Iraq and Afghanistan. He was also awarded the Combat Action Badge for his deployment amidst hostile fire in Afghanistan in 2003-04.

He lives in Knoxville with his wife of 22 years, Nancy, and their two children.
Commander’s Fit Tip: give the gift of fitness!

By Col. Michael Panarisi
AEDC Commander

Having trouble finding just the right gift for that special someone? How about the “gift of fitness”?

Fitness gear and gadgets are always a welcome sight under the tree, and with this hot weather, the possibilities are nearly endless.

This might just be the perfect time to spice up someone’s gym bag, and maybe pick up a few goodies for yourself along the way. Here are some of my favorites.

**“Wicking” apparel** – Nobody has to suffer with cold, clingy, determination-robbing clothing, thanks to the proliferation of new fibers that literally pull perspiration off your skin and “wick” the moisture to the surface where it can do a better job of cooling and eliminating that clammy discomfort you’ve had to live with on the treadmill.

Most of these new garments use 100 percent synthetic materials, and the fabrics tend to have a “waffle pattern” that forms little air pockets to improve “breathability.”

Now, like a good old fashioned cotton T-shirt for a walk or a light workout, but if I’m getting sweaty, I pull out the “good stuff.”

Until you’ve tried it, you just can’t believe how much more comfortable these garments are. That extra bit of comfort, and the extra cooling action, can help you get through the “hard days” and prevent that overheated feeling that sometimes gets between you and the last five minutes on the spin bike.

In order to do this sort of work, you can snag a decent shirt for under $20, and I’ve seen some for under $10.

The military uniform makers have already taken the plunge, so if you can stand the argument from your colleagues at the grom, there’s a “dry” version of the ABU undergarment that works very well. Not the most exciting color choice, but if you just want to “try before you buy” they’re a real bargain at about $7.

**Padded Cycle Shorts** – If you don’t ride a road bike or spin bike frequently, these seats can be a real drag. The solution? “Gift” shorts.

These seats are hardly a “one size fits all” answer to pain management, and particularly on a spin bike, the workouts can add to the abuse of your backside. The padded shorts (some use a gel substance, others a compressed foam) distribute the loads and can keep you from gritting your teeth or face late in the workout, or worse, the next day.

There are a little hard to find, so you probably will have to get these online or at a bike/outdoor shop, and they can get a little pricey. But they last a very long time, so for under $50, you might actually look forward to riding on that crummy old seat on “bike day.”

**Cycle Shoes** – Most fitness aficionados use cycling shoes, so think of “clipless” pedal shoes as a way to identify your buddy who has already taken the plunge, so if you can’t “clip” in, there’s only another sensor test scheduled for the ATA guys; he’s going to need a pair of shoes with toe straps just don’t cut it. Those flimsy toe straps just don’t cut it. Those flimsy toe straps just don’t cut it. Those flimsy toe straps just don’t cut it.

A decent pair of mountain bike shoes is only about $50, and will last for years. Take the plunge, you won’t regret it.

You just can’t go wrong with items like these. They add value and comfort to the workout, and represent an investment/commitment to health. So lay off the cheese and cracker sets and get your favorite gym rat some new gear. They will thank you every time they hit the gym!

Prices range from $30 to $300, so here’s the sweet spot: go for “Mountain Bike” shoes.

These are more less expensive than the road shoes but give you the options of toe straps if you or all you can walk around them safely. You can even wear them for your weight training as well.

So how about a pair of shoes in your bag.

There’s only one catch: you need to find out what style of cleat your spin bike or stationary bike uses. The vast majority use a style called “SPD,” and those cleats sell for under $20 a pair, but there are others out there and no two are as interchangeable. It knows a little something complicated, but trust me. It’s a totally different workout, and much more effective when you “clip in.” Those flimsy toe straps just don’t cut it.

During that first day, Claybrook learned about the method of testing that is conducted at AEDC, and said that in particular made working at the base exciting for him. 

“Next fall I’ll go back to grad school and depending on the summer season’s weather I’m offering I’ll have to switch back and forth and basically as I end up have two three semesters to then complete a masters and then I come [back] here and then a third year and then at that point where we will our biggest goal to us as a student is 15,20,21.”

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We’re just behind it.”

"shelter,” the captain said. "We line up behind the aircraft and let the pilot control the UAS pilot's combat movement, giving them the imagery they need to make decisions."

"Once the aircraft is ready to fly," Captain Izzo said. "We have the pilot back at Beale (AFB) who has eyes on the aircraft as it takes off, the pilot in the LRE controls the UAS as it takes off from the runway. Once the aircraft is airborne and stable, the pilot at the MCE at Beale Force Base, Calif., takes over the mission until the UAS is ready to land."

"We do have the pilots back at Beale (AFB) who fly the missions themselves, but the LRE here will do the take off and landings for the aircraft," Captain Izzo said. "The pilots work with the Hawk Eye driver, who has eyes on the aircraft as the pilot can’t see anything outside the local airspace, whereas Beale can see the aircraft through the landing and takeoff phases of flight, so we are here looking for any anomalies or issues that may be occurring."

"Without support from the other branches of the service, we couldn’t have gotten to this point."
Second Annual Bridal Fair at ALC January 22

Arlo Mulligan

Merchandise Sale the entire month of December. Do your Christmas shopping at Arnold Golf Course with special discounts ranging from 30% to 50% off. Pack out your merchandise then trade it in for cash at Arnold College.-- The ALC will be closed Dec. 22, Jan. 1, and Jan. 22.

Mulligan’s Coffee Bar and Grill now open. An expanded breakfast and lunch menu as well as a great selection of popular beverages are in store for you with the reopening of Mulligan’s Coffee Bar and Grill. Hours are 7 a.m. to 2 p.m. Monday - Friday and 7 a.m. to 2 p.m. on Saturday and Sunday. Call to see what other specials are available each week. The ALC will be closed Dec. 22, 29, and Jan. 12.

Arlo Mulligan’s is the installation of Wi-Fi.

Funt Camp and Crockpot Cuck eat prices for winter months, Outdoor Rec a marking down prices by half for camping now through February 2011. Call 454-6084 for further information or to make reservations.

Winter Open House will be held Sunday, January 23 from 11:30 a.m. to 8 p.m. Call 454-3350 to sign up or for more information.

ALC to take Day Trip to Lynchburg Jan. 27

Arnold Golf Course – 454-7076

Family Trivia – 454-4400

Services Holiday Hours 2010

Fitness Center – 454-6440

Dec 22-29 5:30-8:00 p.m. Call 454 3:00-6:00 p.m.

(no classes)

Dec 25 Closed

Dec 27-30 5:30-8:00 p.m.

(no classes)

Dec 31 Open 10 a.m.–6 p.m.

(no classes)

Jan 1 Open 10 a.m.–4 p.m.

(no classes)

Family/Youth Programs – 454-7076

Dec 24 Open 10 a.m.–6 p.m.

(no classes)

Dec 25 Closed

Dec 26 & 27 Open 10 a.m.–6 p.m.

Jan 1 Open 10 a.m.–4 p.m.

Jan 2 Open 10 a.m.–6 p.m.

Jan 3 Closed

Mobile Golfers: Call ahead to 454-5555 to place orders.

While attending a Football Frenzy game don’t miss your chance to enter for prizes. While attending a Football Frenzy game all Members First Plus members are eligible for entrant to win a trip to two regular games and Super Bowl. Each winner will receive two airline tickets, hotel accommodation for four nights, meals and tickets to both games. A winner drawing will be held for 10 lucky winners to receive $300 each. Only one entry per person per member. ALC members and nonmembers are eligible to compete in local contests and giveaways. Food specials are offered with member and nonmember prices or order from the Hap’s Pizza or Express menus. Regular dinner menu is available on Saturday night in the Four Seasons dining room from 5-9 p.m. January dates, times, specials and contests are listed below. The grand finale of Football Frenzy will be the Super Bowl on Feb. 6 with Super Snacks宾福to include pork, wings, chips and dip and for more $9.95 members and $7.99 nonmembers. Watch for details on menu.

June dates, times, specials and contests:

June 1: 5-9 p.m.

ALC Burger and fries, $5.50 member, $6.50 nonmember

College Trivia

Jan. 7: 3:30-10 p.m.

Club sandwich and fries, $5.50 member, $6.50 nonmember

College Trivia

Junior ALC to take Day Trip to Lynchburg Jan. 27

Arnold Golf Course – 454-7076

Learn Basic Car Care at ODR Class Jan. 22

Outdoor Rec will conduct How to Take Care of Your Car class at 10 a.m. Jan. 22 for ages 15 and older. This class will teach the proper way and tools to take care of the inner workings of your vehicle. Learn how to change the tires, oil and other fluids in your car. Also, get a lesson on how to utilize the Outdoor Rec Auto Bay. Once you learn these basics you can take the bug bay to take care of your own car. Meet at the main Outdoor Rec building and then head down to the auto bug to get started. The class should last between an hour and a half to two hours depending on how many attend and the number of questions presented. There is no cost for the class, but deadline to sign up is Jan. 19. Call 454-6084 to sign up or for questions regarding this class or auto bay usage and fees.

New Year’s Eve Casino Night at ALC

Mulligan’s has a Hair Cut services. Discounts are available to all AEDC personnel, active duty, retired military, DoD civilians, and Members First Plus discount does not apply in conjunction with this offer.

The ALC is marking down prices by half for camping now through February 2011. Call 454-6084 for further information or to make reservations.

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H2 • December 17, 2010

January 2011

Bridal Fair at ALC January 22. Open to the public. 1–5 p.m. Sweetheart Lunchen Cruise coming Feb. 13. Call ODR 454-6084.

Hours of operation

AEDC government civilian and AEDC contractor employees have access to the following limited items at the base exchange (BX): consumable items such as candy, chips, little meal items, hot dogs and soft drinks. Alcohol and cigarettes are not included as consumable items. BX also offers other physically-fit and retired uniformed services personnel and their dependents are eligible to use the base commissary next to the BX.

Warning: Time zones may overlap.

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 – 454-3099
Golf Course (GC) – 455-5870 or 454-7076
Goossack Leadership Center – 454-4003

BX/Commissary customer eligibility

AAFES Dividends

Bases 

AEDC contractors

AEDC government civilians

AEDC contractor employees

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returns to begin Jan.

The speaker for Jan. 4 will be Dr. David Gossick. The speaker for Jan. 11 will be former MTSU professor and former 3rd Army G2a commander, retired Maj. Gen. Arnie Gossick.

• H3

The speaker for Jan. 4 is a retired Major General, U.S. Army, and a former Director for a fee. Outside food and beverages are not allowed. All event coordinators are encouraged to contact Financial Affairs, Arnold.AGC@arnold.af.mil, for approval. At the end of the year, even if you do not plan on using the event, the guest list will be deleted. Please contact Arnold.GLC@arnold.af.mil for reservations.

Services is an exclusive area available to all AEDC personnel, active duty, retired military, National Guard and Reserve personnel. Below is the process a member of the community must follow to request a reservation on the Community Activity Centers (CAC) at Arnold Air Force Base.

Reservation Policy:

For Active Duty military:

Cove reservations may be made 45 days in advance of the reservation date and remain in effect for all other eligible patrons. Reservations for active duty personnel may be made up to 60 days in advance of the reservation date through the CAC (454-6404).

For the Armed Forces:

To receive a separate travel club number which entitles individuals to purchase a 5 percent cash rebate on all hotel, car rental and airline ticket purchases, contact Arnold.GLC@arnold.af.mil.

In the event they cannot accommodate an outside source may be made if reservation has not been approved. For more information contact 454-4301.

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