Employees lauded for response to fire

By Shawn Jacobs

AEDC officials are congratulating a group of employees who quickly reacted to a recent refrigerant fire in the Von Karman Gas Dynamics Facility (VKF).

"The most current figures we have are from 2009," said "at that time, our old system was costing us almost $800,000 a year in energy. In one year, the cost added another $105,000. The energy savings we were already seeing with the new system was enough to pay for itself in just a few years."

Hutchinson said understanding the role the service air system plays at a place like AEDC helps put safety of the system and the resulting savings into perspective.

"What began decades ago as a need to compressed air to power the pneumatic tools in shops scattered around the base has grown into a demand for both the volume and volume of air needed for stalls the shop needs," he explained. "As AEDC grew and so did need for compressed air, especially in the test cells where it is used for everything from running drills, to floating jet engines into the test cell on a cushion of air, the huge amounts needed to crank up a jet engine. Simply put, if we didn't have this compressed air, we would be in business."

Hutchinson said the old system used a lot of energy, from its inefficient electric to drive huge compressor motors and the need to "blow off" a great deal of compressed air that it couldn't use.

"It's not quite this simple, but picture a compressor the size of a tractor trailer cranking up just so someone could put air in a tire," he said. "The old system was a big 'because we needed it, we still got big.'"

"We have to remember that the old system was developed when energy costs were not really a driving force in design. Of course now all that has changed."

So, what is the status of the project?

"We currently have about 75 percent of our new system installed and up and running," said "we're ready to enter the final stage of installation that's pending on the end of 2011. But we don't want to wait until completion to start recognizing our energy savings."

"Our engineers who designed this system allowed for each package to be brought on line individually so that we could start using each new set of compressors as they were installed."

Hutchinson is clearly proud of what has already been accomplished on base.

"Accidents occur, the forward thinking, the old, energy-inefficient compressors have been turned off and will not be used unless a large demand is called for prior to the final installation next year," he said. "That means for us today that we've been able to rely on our new energy efficient system for about 90 percent of our need over the past two years. And when completed by the end of 2011, the American taxpayers will be able to recognize some serious energy cost savings."

By Philip Lorenz III

AEDC's Fred Hutchinson, left, talks about ongoing changes being made to the original system. Here he speaks with Brandon Lane, center, who is the Air Force project manager on the upgrade at the time. Mike Harvey, right, and Don Strome, right with ATA's Mechanical Systems Engineering Branch, who is also working with the service air system upgrade. Hutchinson is a project manager for ATA's project and design engineering department at AEDC. (Photo by Philip Lorenz III)

In this issue...

The annual Veterans picnic will be held from 10:30 a.m.-3 p.m. Sept. 26

Want to hunt on Arnold AFB? ... Page 3

Who's speaking at the Woman's Equality Day luncheon? ... Page 7

September 3, 2010

Arnold AFB, Tenn.

Vol. 57, No. 17

High Mach

AIR SPACE

Serving the World's Premier Flight Simulation Test Center

Upgrade already saving more than $534K annually

Employees lauded for response to fire

A project to replace the original service air system for our facility is nearing completion and is already paying significant dividends, literally, according an AEDC project manager.

"Add this energy savings to the money saved by not having to constantly repair and maintain the old system and we end up with over $754,000 saved each year," said Fred Hutchinson, a project manager for AEDC's project and design engineering department here.

"This new system costs $345,000 a year in energy to operate and has reduced the maintenance cost to $65,000."

"That energy savings translates into a system that pays for itself in just a few years. Plus that yearly energy savings grows every year as the cost of energy increases, and we recognize this prompt increase in savings for the entire life of the system," Hutchinson explained to appreciate these savings it helps to know how much the system was costing us before.

"The most current figures we have are from 2009," said "at that time, our old system was costing us almost $800,000 a year in energy. In one year, the cost added another $105,000. The energy savings we were already seeing with the new system was enough to pay for itself in just a few years."

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Randell Sissom

Upgrade already saving more than $534K annually

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Take time to remember the true meaning of Labor Day

By Col. Michael Parano, AEDC Commander

As the summer draw to a close, tempo creeps out of the heat and the animals get into full swing, we’ll come together this weekend as a nation, to celebrate Labor Day.

For some, it’s just another “day off,” to hit the beach or a pool, but it is a day to take one last shot at your favorite summertime activity.

I hope everyone can enjoy the weekend well.

But before you do, please take a minute and celebrate this day, and how important the honorours who have dedicated their lives to public service, in and in particular, AEDC.

We celebrate our country. Today we honor specific groups in our country.

Memorial Day, Veteran’s Day, President’s Day and Labor Day.

Where is that national holiday? The answer might be little more than a footnote in the history of conserving our national holiday.

The first recorded large-scale event occurred on Sept. 5, 1882, and included 10,000 people and in particular, AEDC.

The Nov. 2 general election is just around the corner. Congress is gearing up. Members and federal employees at the center must understand the laws and regulations bear on what political activities we can and cannot engage in.

For military members we should seek the advice of their legal departments for guidance on what is permissible and what is not permissible on this topic.

The dos and don’ts that follow, pursuant to 5 U.S.C. 454-784 if you are a civilian employee, are those activities specifically identified with political parties or associated and ancillary organizations.

Take time to remember the true meaning of Labor Day

Military employees MAY NOT:

• Register to vote, vote and express a personal opinion on political candidates and issues.
• Display a political sticker on the member’s private vehicle, display a sign at their home, or wear a political campaign button while on duty.
• Display a political sticker on the member’s private vehicle, display a sign at their home, or wear a political campaign button while on duty.
• Display a political sticker on the member’s private vehicle, display a sign at their home, or wear a political campaign button while on duty.
• Display a political stake in the member’s private vehicle, display a sign at their home, or wear a political campaign button while on duty.

Civilian employees MAY NOT:

• Use official authority or influence to interfere with an election, to affect its outcome or to soliciting votes for a particular candidate or soliciting contributions from others.
• Solicit or discourage political activity of any kind with businesses before their agency.
• Solicit or receive political contributions (money or goods, etc.) from anyone outside of a particular candidate or cause.

In the center's AEDC office, the best way for the workforce of choice for our military and civilian employees.

Smoking Policy

The following revised AEDC smoking policy is effective immediately. Smoking is permitted solely in designated areas identified by a plastic “smoke genie.”

Smoking is prohibited in all reentry areas, restrooms, conference rooms, hallways, libraries, dining facilities, health care facilities, food service areas, recreation areas and any other areas as designated by the AEDC. Smoking is also prohibited in any hallways, buildings, rooms or buildings within the AEDC.

Members of the U.S. military, the U.S. Navy, or the U.S. government are not exempt from the smoking policy.

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 must be held to the absolute minimum and will be located in low traffic, low visibility areas away from entrances of all buildings. Smoking areas must be clearly marked by appropriate signs.

Smoking area map.pdf. Smoking in a facility not designated on the map is prohibited and any smoking activities discerned in areas not shown on the map will be considered a violation of company policy.

The fact that smoke has no bearing on the number they make. Breaks should be taken in accordance with the company’s policy regardless of location.

Regarding use of smokeless tobacco, containers of tobacco waste, must be kept clean, sealed containers, must not be left unattended or disposed of in trash receptacles. The containers must be marked “smokeless tobacco” and “nicotine.” Non-employees must not be allowed near smokeless tobacco.

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AEDC Mass Notification System upgraded

By Shawn Jacob

AEDC's Mass Notification System is now capable of handling a total of a single event, which should help keep personnel safer in the event of severe weather, industrial accidents or security-related issues.

Retaining buildings include replacement of the six “Giant Vandal” horns and seven stacks, conversion of the computer-based Air Force Civil Engineering Command (AFCEC) hybrid Mass Notification and Evacuation Communication System (HyMNS) and in-building speakers installed in four additional buildings.

Buildings without the in-building speakers are now able to receive the same mass notification and evacuation messages, as well as preprogrammed automated announcements. For example, the system would be able to notify everyone about a weather emergency, or the Vortex Voice, telephone call and instant pop-ups.

“During our last test, a number of flight test personnel were not notified of the weather emergency -– no pop-up or voice. With this new and improved system, we will definitely be able to notify everyone,” said Glennon.

AEDC officials are capable of making notifications through Giant Voice and in-building systems, pop-ups or office computers as well as making notification against an actual event through cell phones, home or other mobile phones depending on the specific situation.

The Ops Center (operations) also is able to access pop-up or voice messages to announce an emergency situation.

The Giant Voice system is now equipped with automated announcements and still has the ability to send information to the personnel, and the scope and scale of testing conducted at AEDC.” He

The Arnold Association of Professionals (AAPs) is sponsoring a luncheon Sept. 22 at 11:30 a.m. at the Arnold Luncheon Center with the executive director of the University of Tennessee Space Institute with the executive director of the University of Tennessee Space Institute with the executive director of the University of Tennessee Space Institute.

The luncheon event is scheduled to begin with a lunch buffet at 11 a.m., followed by the program with General Dickman’s talk at 11:30 a.m. To make reservations, call Gail Bryant by phone at 913-454-6641 or e-mail at gail.bryant@arnold.af.mil.

Prior to retiring from Operations Office and the Air Force in 2000, senior military officer for

A mandatory meeting is scheduled to address quality, the program’s AEDC mission area. They will finance, plan, design and construct the new units over the next two and a half years. The Air Force is looking to purchase 14,000 additional units at 16 installations over the next two years.

The U.S. Army Corps of Engineers (USACE) is the lead federal agency for the Air Force’s privatization efforts. The USACE has issued a request for proposals (RFP) to the private sector to address quality, the program’s AEDC mission area. They will finance, plan, design and construct the new units over the next two and a half years.

The Air Force’s housing privatization program, which has been successful in 44 installations in the continental United States, has had only an 18-month phase in which 35,000 units have been acquired. In 1996, 40,000 homes were acquired and 40,000 were renovated.

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The Air Force’s housing privatization program, which has been successful

The “Giant Voice” towers above AEDC test facilities, ready to sound the warning for severe weather and other emergency situations. (Photo by Rick Goodfriend)

This refrigerator caught fire Aug. 16 in VFK. Notice the white powder residue from the extinguisher. Inset, officials check the compressor’s relay operating successfully. (Photo by Wayne Jennings)

as why we do so much of the training we do,” she said. 

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Air Force Physical Security Program moves in a new direction

By Shawn Jacobs

Last October, officials at military bases across the country began a total rewrite of their Installation Security Program under the new name of Integrated Defense Plan (IDP).

At AEDC, that task belongs to Lt. David Everett, installation plans and programs officer for the Arnold Police Department. He said the new IDP is a big departure from the way base security has been handled.

“This change brings with it a new look at how we manage our security risks, develop our processes and accomplish our mission,” Everett said.

“It allows our commanders and senior leadership the ability to develop plans that specifically fit AEDC, rather than relying on resources and assets to meet Air Force directed security measures. In this new approach to security management, the Airman or employee is a sensor.”

While there are major changes involved in the new plan, a lot has to do with just a mindset, according to Everett. In fact, it is not even a new concept because the military operated under an IDP during the Vietnam era.

“The bottom line is we went from something that was a cookie-cutter approach to a develop your own risk-based plan,” Everett said. “It’s really a whole lot better because it allows the commander to have his own plan, and at the same time it allows him to be able to accept the risk in each local organization and installation, which would be able to make recommendations as far as... thereby assuring that you can’t handle that risk, that they might have on their base.”

Another positive of the plan, according to Everett, is that it allows for local considerations, basic IDP terms and concepts will be consistent across the military.

“With both state-wide forces and expeditionary forces, who are people who deploy overseas,” Everett said. “That allows the same base structure as far as reporting incidents, training and what have you. Everything is done state-wide very similar to what they would experience when they went overseas, so it’s not a real difficult issue for them to understand.”

“Probably the best attribute of the IDP is that the installation commander can tailor the plan to meet his base and at the same time accept responsibility for it. Another important concept of the IDP is that so-called ‘owner users’ will be assuming responsibility for making sure their resources are protected.”

“That might sound like it’s the Arnold Police’s responsibility, and it is,” Everett said. “However, under the IDP, what we call the ID Forces, Integrated Defense Forces, comprise everybody on the installation. Everybody plays a key part; every person on Arnold Air Force Base is a sensor. We’re protecting our base, we’re doing what we need to do.”

Lots of terminology and acronym changes will accompany the new plan. For example, the fenced or Mission Area will be called the Base Boundary (BB) and everything outside the Base Boundary will be the Base Security Zone (BSZ).

“The Base Defense Operations Center (BDOC) will replace the old law enforcement desk or the Police Control Center,” Everett said. “It just gives us a new name. Inside the BB sector is your normal Arnold Police Department, the Emergency Communications Center (ECC), which is made up of our fire department and our 911. There will be no change in the way they operate.”

Arnold Police Chief Richard Trull will also be taking on new responsibilities under the plan. Commander Col. Michael Pananiti has designated Trull as the defense force commander (DFC).

He will be responsible for tactical control of the ID forces in any event. Everett is writing the plan in cooperation with several other organizations and groups that advise him. These include the Integrated Defense Council (IDC), formerly known as the Installation Security Council (ISC), the Integrated Defense Working Group (IDWG).

General from page 3

The National Reconnaissance Office in Washington, D.C.

General Dickman was born in Brooklyn, N.Y. and grew up in New Jersey. He entered the Air Force in June 1966 as a distinguished graduate of the Reserve Officer Training Corp program at Union College.

He has had a varied career in space operations and in acquisition and planning, including headquarters assignments at the Pentagon, North American Aerospace Defense Command, U.S. Space Command and Air Force Space Command.

General Dickman also served in the Air Force Office of Scientific Research and in the Air Force Satellite Communications Systems Program Office. He also has held the positions of first vice commander of the 2nd (now 50th) Space Wing, commander of the 45th Space Wing, director of the Eastern Range at Patrick AFB, Fla., and as the Department of Defense space architect.
Aerospace Testing Alliance

Sam Dougherty speaks at AIAA-hosted AEDC event

By Philip Lorenz III

Aerospace Testing Alliance

Dougherty was an aerospace engineer and a test director for Thermal and Fluid Dynamics with Jacobs Technology and Engineering, Inc., at NASA’s Marshall Space Flight Center in Huntsville, Ala., where he worked on aerodynamics and spaceflight. He also lectured at the University of Tennessee Knoxville and Vanderbilt University in the Department of Aerospace Engineering. He was the Technical Fellow for propulsion and nuclear propulsion at Marshall Space Flight Center. He then served as a test director and a test engineer at AEDC, where he was a test director for the AEDC facility in Huntsville, Ala.

A multi-national perspective

AAPS hosts event on the future of space transportation

The American Association of Professional Scientists (AAPS) recently hosted a joint society luncheon with the AIAA Space Transportation Technical Committee (STTC) at the Arnold Air Force Base. The panelists discussed the state of space transportation system development. Sam Dougherty was one of the speakers. He discussed the importance of fluid dynamics and the role of CFD in space transportation. He also spoke about the development of propulsion systems for future space missions.

The space industry is facing a number of challenges, including the need for more efficient and cost-effective propulsion systems. Dougherty emphasized the importance of CFD in this area, noting that it is essential for the development of new propulsion technologies. He also discussed the importance of interdisciplinary collaboration, including with industry partners, universities, and government agencies, to ensure the successful development of space transportation systems.

Dougherty also discussed the importance of attracting and retaining talent in the space industry. He noted that the space industry is facing a人才 shortage, with many experienced engineers choosing to retire or move on to other industries. He emphasized the importance of developing a new generation of space engineers and promoting the industry to students and young professionals.

Dougherty concluded his talk by discussing the potential for collaborative efforts between the United States and other nations in the space industry. He noted that there is a growing recognition of the importance of a multi-national approach to space transportation, with countries working together to develop new propulsion technologies and space missions.
AEDC Commander

By Col. Michael Panarisi

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routine that includes centers on running, a diversity. If your program can’t be confused with

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workout just about every

“diversify.” I mean “diversified.”

A "diversified" routine

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So, what’s the

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And don’t forget, you’ll leave those

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plan that will keep you on track to accomplish your goals and reduce the chance you’ll come up short via a trip to the clinic.

- 6 -

To "get better at it." Do we repeat an activity?

By Tim Smith

To "get better at it." Do we repeat an activity?

no change!

But running is not a

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duet to a single sport or activity, you'll be in good company if you join the ranks of the "cross trainers."

Cross training isn’t a

But for the rest of us, the

What we’re after.

changes the core of a

to advertise in the High Mach, call the Tullahoma News at 455-4545

Carpal Tunnel Syndrome."

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And you’ll feel much

to gym time when you

That’s the real benefit.

And don’t forget, you

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But for the rest of us, the

6 • September 3, 2010

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Never let our joints,

And don’t forget, you

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If you've settled into
only the space we occupy, when we occupy it, instead of the entire house which is largely empty.

When we leave for work in the morning the thermostat goes down until we return home that evening.

We’re not beyond wearing a sweater inside the house, throwing an extra blanket on the bed and wearing socks we use to help keep our feet warm.

While we live in considerable comfort, we attempt to do it without being wasteful.

I expect that many of you practice similar energy and cost-saving measures for your own budgets.

For many years, government budgets have been plump and easily able to absorb wasteful consumption habits.

Not anymore.

For the few who may not have noticed, lean budgets prevail throughout our government.

The squeeze is on.

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map. Those who turned steel and concrete into the world’s premier aerospace test facility.

A place that bred the F-15, the F-22 and the F-35, the engines that put the “super” in supersonic, and literally, took the nation on our first steps to landing on the moon.

I couldn’t be prouder of the craft team that makes it happen every day, typically in the most demanding working conditions, and often behind the scenes. They don’t ask for, and rarely get the limelight. This is their day. I salute each and every one of them.

Because of them, I can come through the gates in the morning and pinch myself. I still can’t believe I get to work here. And get paid for it! They chose to make a difference, and our nation is still the greatest thanks to their efforts.

From all of us at “H-Q” a hearty thanks and our best wishes on a day you have absolutely deserved.

Have a safe and happy Labor Day
AFMC leaders work to seek efficiencies, get back to basics

Challenging times ahead and developing efficiencies to sustain them top the list of key topics highlighted at the semi-annual Air Force Material Command Senior Leaders Conference Aug. 23-25. AFMC Commander Gen. Donald J. hook led his center and wing commanders, along with other command leaders, through three days of meetings that also focused on topics ranging from a back-to-basics approach to doing business to ensuring the command’s ongoing efforts to reduce the size of the Air Force’s nuclear assets. Other topics included several ways to reinvigorate the Air Force’s conservation efforts.

“We have a lot of tough issues facing our command,” General Hook said. “But don’t let the headlines fool you, AFMC is out there to seek efficiencies. Do the best with what you have.”

The general reminded the group that budgets will get tighter and programs and projects will see reductions.勾

“Arthur B. C. O’Connell, AFMC Public Affairs


“AFMC’s work was another important topic highlighted at the conference. Leaders were updated on the upcoming conversion from the National Security Personnel System to the General Schedule pay system for civil employees, insourcing, diversity and equal opportunity hiring practices, and training.”

AFMC leaders work to seek efficiencies, get back to basics

By Tech. Sgnt. Ammaly Lai, Secretary of the Air FR

Two senators addressed Nevada lawmakers Aug. 25 to lead the Air Force’s leadership in green initiatives and offer support in finding cost-effective ways to continue renewable energy without impeding military training missions.

During the second day of the three-day forum, Undersecretary of the Air Force Erin Conaton reiterated the one-to-one mission that budgeted AFMC programs this year and beyond.

“The Air Force is dedicated to sustainability number one,” said Secretary Erin Conaton in her address.勾

Senior Airman Karen Boyle uses custom filters Cap. Dan Olliff is part of a team of AFMC leaders working to increase the capability and efficiency of the Air Force’s nuclear assets.

The 4th Operations Support Squadron Life support specialists are now equipped and trained to keep the cockpit and aircrew healthy and in the air.

On September 3, 2010

By Tech. Sgnt. Tammie Moore 433rd Fighter Wing Public Affairs

The concept is like something out of a movie – the ability to look directly in front of your eye so that you can quickly find those locations grab your attention. It becomes a game-changer.

It allows F-15E aircrew to provide unparalleled support to the ground troops in the close-air-support environment,” said Captain Jon Reiners.

By Tech. Sgnt. Tammie Moore 433rd Fighter Wing Public Affairs

Airmen enhance F-15E capabilities with helmet-mounted cueing system

The 4th Operations Support Squadron Life support specialists are now equipped and trained to keep the cockpit and aircrew healthy and in the air. They were also recently awarded the 2010 Human Care Award by the 433rd Air Wing.

The 4th Operations Support Squadron was recognized by the Potomac Trophy competition committee for its efforts to provide quality care to the command’s military and civilian personnel.

The 4th Operations Support Squadron provides aircrew flight equipment (ACE) services to the F-15E Strike Eagle, enabling aircrew to maintain aircrew health and readiness.

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The concept is like something out of a movie – the ability to look directly in front of your eye so that you can quickly find those locations grab your attention. It becomes a game-changer.
30 YEARS
Alan Fudge, PKE
Mike Barlow, AEA
Kenneth Crosslin, AEA

25 YEARS
James Thompson, AEA
William D., AEA
Lura Davis, AEA
George Winton, AEA
Christa Harmon, AEA
Scott Glass, AEA

20 YEARS
Steven Luptay, AEA
Darrell Booker, AEA
Jennifer Johnson, AEA

15 YEARS
Stuart Elam, AEA
Dotty Davis, AEA

10 YEARS
Patricia Norfleet, NAF
Kathryn Stephens, AEA
Lori Patton, AEA
Thomas Coker, AEA

OUTBOUND MILITARY
Capt. Michael Feigenblatt

NEW HIRES
Nissa Smith, AF
Donna Spry, AF
Jesse Humford, AF
Frederick R., AF
Manoharan Tuli, AF
Henry Daniels III, AF
Reginald Floyd Jr., AF
Robert Green, AF
John Lamb, AF
Christopher Leone, AF
Donna Pandel, AF
Cory Rice, AF
Alvin Ross, AF
Dhriti Upender, AF

Sea turtle eggs on Eglin beach make trek to evade potential oil spill effects

By Mike Spaits
96th Air Base Wing

Eglin AFB, Fla. — Though the oil well has finally been capped, Eglin biologists are still digging up sea turtle nests and moving the eggs to the East Coast as a safety precaution.

To date, three of Eglin’s nine nests have been excavated and more than 300 eggs have been moved so far. (Photo by Samuel King Jr.)

Obituaries

James “Jimmy” Virgil Yates, 56, of Tullahoma, passed away Aug. 27.

He worked for ATA as a crane and small equipment operator.

He was a member of the Masonic Lodge and Operating Engineers Local 917.

He was preceded in death by his daughter, Chasity Yates and one sister, Clara Jane Yates.

He was survived by his parents, James and Mary Yates of Tullahoma; his wife, Sherry Yates of Tullahoma; one son, Derek Yates and fiancée, Stacy Christian, of Tullahoma; one daughter, Lindsay Bogle and her husband, J.T. of Tullahoma; two grandchildren, Kylie Leann Bogle and Cloye Yates; his in-laws, Ed and Nellena Gild of Tullahoma; and his best friends, Tim and Misty Brown of Decherd.

James “Johnny” Virgil Yates, 56, of Tullahoma, passed away Aug. 27.

He worked for ATA as a crane and small equipment operator.

He was a member of Victory Baptist Church.

He also was a member of the Masonic Lodge and Operating Engineers Local 917.

He was preceded in death by his daughter, Chasity Yates and one sister, Clara Jane Yates.

He was survived by his parents, James and Mary Yates of Tullahoma; his wife, Sherry Yates of Tullahoma; one son, Derek Yates and fiancée, Stacy Christian, of Tullahoma; one daughter, Lindsay Bogle and her husband, J.T. of Tullahoma; two grandchildren, Kylie Leann Bogle and Cloye Yates; his in-laws, Ed and Nellena Gild of Tullahoma; and his best friends, Tim and Misty Brown of Decherd.

Above, from left, Erica Laine, Dusty Varble and Kathy Gaul, 96th Civil Engineer Squadron biologists, carefully remove sea turtle eggs from a nest on an Eglin AFB, Fla., beach. The group of biologists removed 117 eggs from the nest on this day, and more than 300 eggs have been transported to Cape Canaveral, Fla., in hopes of diverting the hatchlings from possible life-threatening exposure to the oil slicks in the Gulf of Mexico.

See TURTLE, page 13
Arnold Golf Course
454-7076

Mulligan’s Golf at Arnold Golf Course will close for the remainder of the month of September. This project includes closing the range, removing the driving range targets across the room and interior and exterior course improvements and pick-up station, the bulkhead will be removed, and all existing indoor and outdoor LCD monitors will be added. This project will be built in the center for easy access to coolers, cafes, offices and more.

A highlight of this endeavor will be the addition of a new Mulligan’s Grill, which will now be “For the Proud” members exclusively of the Arnold Golf Club. A grand reopening with ribbon cutting will be scheduled upon completion of this improvement project.

A Member/Member Tournament will be held for Sept. 18th with 8 a.m. shotgun start. Entry fees are $50 per team and includes food and entertainment. Prizes will be awarded. From front 9 holes will be two-person best ball and from back 9 holes will be two-person scramble. Sign up in the Pro Shop by Sept. 15.

Arnold Lakeside Center
454-3330

Arnold Lakeside Center will host the Arnold Invitational Tournament for Members Plus First place members begin playing Aug. 31. This event will be held every Thursday from 10 a.m. to 4 p.m. and will run for eight weeks. There is no entry fee. Participation will be limited to first second and third place each week and each week the winner of each event will qualify to sit at the championship table.

Points will be awarded according to place finished. Total points will be awarded to the top 14 places overall. Points are calculated according to place finished. To receive points you must register.

Next on the schedule:
- Tuesday, Sept. 21: Arnold Golf Course will close to the Open Rec Center to host a Youth Program.
- Tuesday, Sept. 28: Arnold Lakeside Center will close to the Open Rec Center to host a Youth Program.

Three Rivers
454-3277

Youth Movie Night will be held for ages 8 and up to visit the Open Rec Center to see a free movie. Call 454-3277 to sign-up today.

On Sept. 23 our 4-H Extension Officer (Franklin County) will be hosting a Youth Program designed to bring brighter opportunities for participating children. Join Arnold Youth Programs for a K-12 AEDC affiliated children from 4th grade to 12th grade.

9-11 Community Remembering Event

On Sept. 11th our 4-H Club will honor those who have fallen as a result of terrorism by hosting a Youth Program. AEDC affiliated children from 4th grade to 12th grade.

4-H contributes to the Open Rec Center to host a Youth Program.

A highlight of this event will be the addition of a new Mulligan’s Grill, which will now be “For the Proud” members exclusively of the Arnold Golf Club. A grand reopening with ribbon cutting will be scheduled upon completion of this improvement project.

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Some of the biggest events that 4-H really encourages members to work on are the poster contest. These Youth Programs will be submitted for an event.

Outdoor Rec (ODR) 454-6894

Rainforest is back Sept. 25, 6:30 p.m. to 8:30 p.m. for all ages and is invited to play. Meet at the outdoor rec center. Cost is $20 and includes a rainsuit, long-sleeved shirts and long pants.

Outdoor Rec is going downtown next Sunday, September 19, for showing self initiative and interest in a location other than the Fish. This Youth Program will be received a prize.

A rainforest chili cook-off will be held Sept. 25, open to the public. Cost is $10 and includes an entry fee.

Due to fall sign up deadline is Sept. 24 and program begins Sept. 27. To sign up call 454-6894 or visit the office.

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There are only a few steps to the falconer’s job of keeping local bird populations under control. Trained birds-of-prey are released in airspace where they pursue crows, rabbits and other local wildlife. Once the falconer sees that a bird has made a successful catch, he quickly meets with it to feed him some treats. As long as the bird is hungry, it will continue to hunt.

These types of birds do an excellent job at reducing the numbers of animals that pose threats to aircraft, Leu said.

“The birds keep the airspace clear of crows, and this lowers the number of bird strikes,” he said. “I wouldn’t want to lose Rosie. She is even a very experienced catch on her own. Crows and other birds are easier to hunt than cats, since (crows) are like hawks in the front and back, teeth too.”

Although he is only seen on base with the birds two to four times each week, he said a lot of time and effort must be spent training the birds and working with them, he said. Leu said, “I train them for about a month before we begin, but sometimes it’s closer. If you buy birds of prey that are already trained, you also buy some other people’s problems.”

Training and interacting with birds has been a passion of Leu’s for years. His interest began at the age of 4, when he would seek books and everything else he could find about birds. He owned his first bird when he was 9, and years later owned many sparrows. He has trained the base falconer for 10 years.

“Turtles like to eat anything they can find, including solid objects like grass mats. The turtle may mistake oil for grass, and may not notice the oil that’s in the water,” said Kathy Gault, a volunteer for the National Park Service.

“Turtles need to breathe air, so there’s potential they could emerge through an oil slick and either absorb the toxins through their skin or eat the oil. Also, since the hatchlings can’t stay submerged as long as adults, they have a much greater chance for exposure,” said Gault.

Because turtle eggs take an average of 60 days to incubate, the eggs aren’t moved until after the nesting season.

According to government sources, the National Park Service, the Florida Fish and Wildlife Conservation Commission, and the National Oceanic and Atmospheric Administration, there are only a few steps to the falconer’s job of keeping local bird populations under control. Trained birds-of-prey are released in airspace where they pursue crows, rabbits and other local wildlife. Once the falconer sees that a bird has made a successful catch, he quickly meets with it to feed him some treats. As long as the bird is hungry, it will continue to hunt.

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Helmet from page 9

...and seamless system integration will increase accuracy while shortening the employment chain.”

Although aircrew flight equipment technicians and aircrew members had to overcome some initial challenges in equipment maintenance and training, the implementation process has gone smoothly.

“Everyone involved is fully aware of the importance getting this absolutely right,” Colonel Wallace said.

The colonel said there is a huge sense of pride in the opportunity for the Rockets to be the first JHMCS operational F-15E squadron, and he is confident they will prove the JHMCS combat value immediately. In fact, the expectation is that once proven, JHMCS’ combat utility will help provide the leverage necessary to fully fund F-15E JHMCS integration.

“We are definitely looking forward to the possibility of achieving the full synergy and capability of JHMCS by outfitting all F-15E pilots and WSOs (on base) in the future,” Colonel Wallace said.

The aircrew members recognize the effort Team Seymour has put into the successful implementation of the JHMCS at the 336th FS.

“The JHMCS modification has only been possible with the hard work of the aircrew flight equipment technicians, maintainers and avionics specialist Airmen,” Captain Swanson said.

To advertise in the High Mach, Call the Tullahoma News at 455-4545