You and your family are fast asleep when the smoke alarm sounds: Do you know what to do?

By Nick Hobden

October is Energy Action Month

In addition to protecting the mission by protecting the power, Arnold has implemented numerous projects to accomplish the mission more efficiently with goals of reducing energy consumption and cost to the tax payer. At Arnold, $23 million was spent on utilities in Fiscal Year 2016. However, $4.5 million worth of Energy Savings projects were also executed, including a variety of facility improvements. These efforts alone provide nearly $75,000 in annual savings. The efforts included well collaboratively have paid for themselves in roughly 6 years. Fiscal Year 2017 has also been full of energy efforts, including the development of an Energy Savings Performance Contract. The proposed effort includes a basic wide LED conversion, adding insulation to the steam trench distribution system, and upgrading the HVAC control system for

Protect the Power: October is Energy Action Month

AEDC integral role in readying NASA Cassini spacecraft for launch

By Deidre Ortiz

team conducted testing of the second stage engine of the Titan IV rocket, known as an LR-91 engine, which launched the Cassini in October 1997.

“AEDC was first approached about the test of LR-91 in August 1995, and the tests had to be completed by the following summer, so it was a very tight schedule,” he said. There was also a need for reliable test and our J-4 Rocket Motor Test Facility had the capability for that.”

Mohyuddin explained that the program posed multiple challenges, including safety, environmental, logistical, contracting, procurement, design, fabrication and crew training, among the few.

“The highest concern was propellant safety,” he
Service and Sacrifice

By Col. Scott Cain

Capt. James Kindel served at AEDC from 1961-1964, in what was then the Development Division.

A mechanical engineer and trained Air Force B-47 pilot, Kindel was recalled while at AEDC to fly the B-47 as a forward air controller in Vietnam. Flying low and slow over Vietnam on Dec. 14, 1968, small arms fire brought down his B-47 and killed him instantly. Kindel was the only AEDC officer killed in action in the Vietnam War.

One day, back at Arnold, you then-commander of AEDC, dedicated the circular drive in front of the AEDC headquarters in honor of Kindel on June 6, 1966. As you enter that circle, there is also a small memorial in memory of Kindel, and that is where I met his family in August.

Kindel’s wife, daughter and two sons, plus their families, returned to Arnold to remember a lost husband and father. They arrived at the memorial holding back tears, and I thanked them for his service and the family’s sacrifice.

I told them that when I turn that corner every morning I’m greeted by Kindel’s memorial, and it reminds me why we serve at AEDC.

First, when I turn that corner, I think of the legacy of those who have gone before us. Whether it’s the Kindel Memorial, the F-4 Phantom sitting outside the gate, or simply driving to work on Winstead Memorial Highway, there are reminders all around us of those who have served before us, some who gave the ultimate sacrifice. Second, I think about what we do for those after us.

That could be one of our fellow Airmen who flies into combat tomorrow with an AEDC-developed and tested system or that could be our children who love free because they still are guarded by the most technologically advanced Air Force in the world on its 100th birthday in 10 years. This is why we serve at AEDC, and Kindel reminds me of that every day.

We’ve all made a choice to serve in AEDC, whether in uniform or at the governo- ment or as a contractor. All of us serve, and our nation is counting on us to develop a technologically superior force for all of our services.

Although the Kindel’s didn’t tell me this directly, I know that they are counting on us to remember our legacy and to defend our nation with the knowledge that we have a proud heritage, steeped in sacrifice. I have no doubt we’re up to the challenge.

Editorial Note: Information gathered from “Moments in History: Kindel in AEDC History,” “Air Force Test Center History Office.

Trail closed weekends for hunting

The Arnold Air Force Base Fitness Trail will be closed for deer hunting in the Base Security Area each Saturday and Sunday through Jan. 7. The trail will also be closed on Dec. 25 for Christmas, the one holiday during this period that does not fall on a weekend.

For more information, call 454-5466.
On Oct. 2, the Arnold AFB Water Utility spurred a second compliance fail- ing for all water fountains/cooters, including water fountains in the Machine Shop, with an emphasis on high occupancy buildings, after trace amounts of lead were found in samples on Aug. 31. These water fountains were suspected to be- lled and turned off within a day of discovery. The Water Quality Laboratory in the AEDC Water Management Group pointed to the AEDC mem- bership. The AEDC Water Quality Laboratory Group has identified high levels of lead in water from various locations across the base. The team found levels of lead to be 0.15 mg/L in the water fountains, which would contribute material that would be be- cause a water fountain to be unattractive by any measure. Prior to the beginning of the 100 percent test at the entrance point of buildings containing water fountains, the team found high levels of lead, with no follow-up testing.

According to the Water Utility Group, at concentrations of 15-50 parts per billion (ppb), or 15-50 milligrams of lead per liter of water (mg/L), the EPA recommends flushing the water at 20 locations pre-deter- mined by the Tennessee Department of Environment and Conservation. At that concentration, if detected in 10 percent of samples, the DHCP requires notification of education and effec- tive individuals, and more frequent checks across a larger sampling area. These concentra- tion levels must be increased to prevent one's health risk. Water for the nearby areas, and within the Water Utility Group, were tested clean with no lead detected, with one discrepancy. One building did have a detection in a nearby faucet, and the team found lead in employees that building in that one's case could be identified and remedied. The EPA only recommends flushing the water for 30 seconds prior to drink- ing to remove lead which may have leached into the water while it was in storage for a prolonged amount of time.

The drinking water at Arnold AFB is tested on a quarterly basis for a va- riety of contaminants. Based on the tap record of these routine tests, the Tennessee Department of Environment and Conservation had only required lead tests every three years. Since the drinking water at Arnold AFB is provided by the Estill Springs Water utility and is regularly tested.

team members honored through Employee Recognition Program

By Brian Austin
AEDC Public Affairs

“Grand Finale” dives between Saturn and its moons

By Richard Zawada
AEDC News

By Ronald Ballance
AEDC News

The TOS contract team members have given their all for all of the water fountains across the nation and in Airmen in the Florida Air National Guard, providing a valued expertise, leadership and years of service. They have had many years of service. They have served with our nation, and worked together to provide for the nation and Airmen in the Florida Air National Guard, providing a valued expertise, leadership and years of service. They have had many years of service. They have served with our nation, and worked together to provide for the nation and Airmen in the Florida Air National Guard, providing a valued expertise, leadership and years of service.

In an announcement of the TOS contract team, Mohyuddin AFB, since the 1960s. J-4 Rocket Motor Test Facility was dedicated and turned off within a day of discovery. The team found levels of lead to be 0.15 mg/L in the water fountains, which would contribute material that would be because a water fountain to be unattractive by any measure. Prior to the beginning of the 100 percent test at the entrance point of buildings containing water fountains, the team found high levels of lead, with no follow-up testing.

According to the Water Utility Group, at concentrations of 15-50 parts per billion (ppb), or 15-50 milligrams of lead per liter of water (mg/L), the EPA recommends flushing the water at 20 locations pre-determined by the Tennessee Department of Environment and Conservation. At that concentration, if detected in 10 percent of samples, the DHCP requires notification of education and effective individuals, and more frequent checks across a larger sampling area. These concentration levels must be increased to prevent one's health risk. Water for the nearby areas, and within the Water Utility Group, were tested clean with no lead detected, with one discrepancy. One building did have a detection in a nearby faucet, and the team found lead in employees that building in that one's case could be identified and remedied. The EPA only recommends flushing the water for 30 seconds prior to drinking to remove lead which may have leached into the water while it was in storage for a prolonged amount of time.

The drinking water at Arnold AFB is tested on a quarterly basis for a variety of contaminants. Based on the tap record of these routine tests, the Tennessee Department of Environment and Conservation had only required lead tests every three years. Since the drinking water at Arnold AFB is provided by the Estill Springs Water utility and is regularly tested.

“Grand Finale” dives between Saturn and its moons

By Ron L. Ballance
AEDC News

The TOS contract team members have given their all for all of the water fountains across the nation and in Airmen in the Florida Air National Guard, providing a valued expertise, leadership and years of service. They have had many years of service. They have served with our nation, and worked together to provide for the nation and Airmen in the Florida Air National Guard, providing a valued expertise, leadership and years of service.

In an announcement of the TOS contract team, Mohyuddin AFB, since the 1960s. J-4 Rocket Motor Test Facility was dedicated and turned off within a day of discovery. The team found levels of lead to be 0.15 mg/L in the water fountains, which would contribute material that would be because a water fountain to be unattractive by any measure. Prior to the beginning of the 100 percent test at the entrance point of buildings containing water fountains, the team found high levels of lead, with no follow-up testing.

According to the Water Utility Group, at concentrations of 15-50 parts per billion (ppb), or 15-50 milligrams of lead per liter of water (mg/L), the EPA recommends flushing the water at 20 locations pre-determined by the Tennessee Department of Environment and Conservation. At that concentration, if detected in 10 percent of samples, the DHCP requires notification of education and effective individuals, and more frequent checks across a larger sampling area. These concentration levels must be increased to prevent one's health risk. Water for the nearby areas, and within the Water Utility Group, were tested clean with no lead detected, with one discrepancy. One building did have a detection in a nearby faucet, and the team found lead in employees that building in that one's case could be identified and remedied. The EPA only recommends flushing the water for 30 seconds prior to drinking to remove lead which may have leached into the water while it was in storage for a prolonged amount of time.

The drinking water at Arnold AFB is tested on a quarterly basis for a variety of contaminants. Based on the tap record of these routine tests, the Tennessee Department of Environment and Conservation had only required lead tests every three years. Since the drinking water at Arnold AFB is provided by the Estill Springs Water utility and is regularly tested.

“Grand Finale” dives between Saturn and its moons

By Ron L. Ballance
AEDC News

The TOS contract team members have given their all for all of the water fountains across the nation and in Airmen in the Florida Air National Guard, providing a valued expertise, leadership and years of service. They have had many years of service. They have served with our nation, and worked together to provide for the nation and Airmen in the Florida Air National Guard, providing a valued expertise, leadership and years of service.

In an announcement of the TOS contract team, Mohyuddin AFB, since the 1960s. J-4 Rocket Motor Test Facility was dedicated and turned off within a day of discovery. The team found levels of lead to be 0.15 mg/L in the water fountains, which would contribute material that would be because a water fountain to be unattractive by any measure. Prior to the beginning of the 100 percent test at the entrance point of buildings containing water fountains, the team found high levels of lead, with no follow-up testing.

According to the Water Utility Group, at concentrations of 15-50 parts per billion (ppb), or 15-50 milligrams of lead per liter of water (mg/L), the EPA recommends flushing the water at 20 locations pre-determined by the Tennessee Department of Environment and Conservation. At that concentration, if detected in 10 percent of samples, the DHCP requires notification of education and effective individuals, and more frequent checks across a larger sampling area. These concentration levels must be increased to prevent one's health risk. Water for the nearby areas, and within the Water Utility Group, were tested clean with no lead detected, with one discrepancy. One building did have a detection in a nearby faucet, and the team found lead in employees that building in that one's case could be identified and remedied. The EPA only recommends flushing the water for 30 seconds prior to drinking to remove lead which may have leached into the water while it was in storage for a prolonged amount of time.

The drinking water at Arnold AFB is tested on a quarterly basis for a variety of contaminants. Based on the tap record of these routine tests, the Tennessee Department of Environment and Conservation had only required lead tests every three years. Since the drinking water at Arnold AFB is provided by the Estill Springs Water utility and is regularly tested.

“Grand Finale” dives between Saturn and its moons

By Ron L. Ballance
AEDC News

The TOS contract team members have given their all for all of the water fountains across the nation and in Airmen in the Florida Air National Guard, providing a valued expertise, leadership and years of service. They have had many years of service. They have served with our nation, and worked together to provide for the nation and Airmen in the Florida Air National Guard, providing a valued expertise, leadership and years of service.

In an announcement of the TOS contract team, Mohyuddin AFB, since the 1960s. J-4 Rocket Motor Test Facility was dedicated and turned off within a day of discovery. The team found levels of lead to be 0.15 mg/L in the water fountains, which would contribute material that would be because a water fountain to be unattractive by any measure. Prior to the beginning of the 100 percent test at the entrance point of buildings containing water fountains, the team found high levels of lead, with no follow-up testing.

According to the Water Utility Group, at concentrations of 15-50 parts per billion (ppb), or 15-50 milligrams of lead per liter of water (mg/L), the EPA recommends flushing the water at 20 locations pre-determined by the Tennessee Department of Environment and Conservation. At that concentration, if detected in 10 percent of samples, the DHCP requires notification of education and effective individuals, and more frequent checks across a larger sampling area. These concentration levels must be increased to prevent one's health risk. Water for the nearby areas, and within the Water Utility Group, were tested clean with no lead detected, with one discrepancy. One building did have a detection in a nearby faucet, and the team found lead in employees that building in that one's case could be identified and remedied. The EPA only recommends flushing the water for 30 seconds prior to drinking to remove lead which may have leached into the water while it was in storage for a prolonged amount of time.

The drinking water at Arnold AFB is tested on a quarterly basis for a variety of contaminants. Based on the tap record of these routine tests, the Tennessee Department of Environment and Conservation had only required lead tests every three years. Since the drinking water at Arnold AFB is provided by the Estill Springs Water utility and is regularly tested.
Data analysis is top priority to AEDC Flight Systems Combined Test Force

By Deidre Ortiz
AEDC Public Affairs

Test customers are drawn to the AEDC Flight Systems Combined Test Force because of the tremendously capable people, the world renowned facilities, and now more than ever, the data analysis capability that AEDC offers.

In the past, customers would bring their own data analysts when testing at AEDC facilities. As AEDC analytical capabilities have increased, customers have become more reliant on the AEDC analysis team and have grown to expect quality that AEDC offers.

“Our data analysis capabilities have increased, customer decisions are more critical, test confidence has grown, and customers have become more reliant on the AEDC analysis team and have grown to expect the value that the analysis team provides,” said Josh Webb, the SFO-100 analysis team lead. “The entire team understands and promotes the AEDC mission of real experts in wind tunnel testing to provide timely, decision-critical information to the customer with the support required to facilitate diagnosis and real-time decision making throughout the test duration.”

During a recent Tunnel A test in the von Kármán Gas Dynamics Facility, a customer chose to send a minimal team of analysts and rely on the capabilities of the AEDC analysis team. Working on this test was the SFO-100 Analysis Team, pictured from left to right: Chris Rudolf, Will Stevens, Wes Brueland, Josh Webb, Dr. Grant Patterson and Dr. Carl Hall. (U.S. Air Force photo/Rick Goodfriend)

“The analysis team also conducted their post-test analysis within 10 days of end-of-test, and provided additional decision-critical information to the customer team. Feedback from the customer was very positive and identified the analysis team as a significant contributor to the success of their test and their overall test program,” Webb said.

“Working on this test was the SFO-100 analysis team, which consisted of analysts Wes Brueland, Dr. Carl Hall, Dr. Grant Patterson, Chris Rudolf, Will Stevens and Josh Webb. Together they produced 16 Configuration Analysis Reports, which totaled more than 700 annotated slides that were delivered to the customer during testing to provide timely, decision-critical information that was required to make online configuration down-selects, saving the program both time and money.”

The customer was extremely satisfied with the performance and technical skill of the AEDC analysts.

“The analysis team lead, mentioned that the SFO-100 analysis team worked to develop open communications with both test customers and AEDC’s test analysts in Flight Systems have satisfied with the performance and technical skill of the AEDC analysts.

“The analysis team lead, mentioned that the SFO-100 analysis team worked to develop open communications with both test customers and AEDC’s test analysts. During the recent Tunnel A test, a customer chose to send a minimal team of analysts and rely on the capabilities of the AEDC analysis team. Working on this test was the SFO-100 Analysis Team, pictured from left to right: Chris Rudolf, Will Stevens, Wes Brueland, Josh Webb, Dr. Grant Patterson and Dr. Carl Hall. (U.S. Air Force photo/Rick Goodfriend)

“The entire team understood and promoted the AEDC mission of real experts in wind tunnel testing to provide timely, decision-critical information to the customer with the support required to facilitate diagnosis and real-time decision making throughout the test duration.”

Lt. Col. David Hoffman, AEDC Flight Systems CTF director, commended the team for their hard work leading up to the test and quickly responding to any additional customer requests during the test. The entire team understood the important role that AEDC analysis a priority and has continually promoted AEDC and test customer interaction and coordination for all testing activities,” he said. “Our increased interaction with test customers and sponsors has facilitated the growth of a group of real experts in wind tunnel data analysis. It is extremely rewarding when our team becomes a meaningful contributor to a program’s success. The analysis in Flight Systems has done a fantastic job developing the technical knowledge, establishing customer relationships, and promoting the AEDC mission. These are truly impressive individuals.”
Project Management Institute presents “Project Management Processes” luncheon

By Douglas Brown

The Project Management Institute (PMI) Southern Middle Tennessee Branch is holding a luncheon meeting at the University of Tennessee Space Institute on Oct. 19 from 11 a.m.-12:30 p.m. Please join local project management professionals for a time of networking and learning. The guest speaker will be Roger Waldrep, PMP.

Waldrep is a general manager for TVA focusing on decommissioning operations. He will be presenting “How TVA implements project management processes,” and how it was used in the development and execution of the project to construct the Paradise Combined Cycle plant in Dresden, Kentucky.

Waldrep’s previous position as general manager in the DoE Projects organization provided general management and oversight of the many activities and construction managers who were executing a $1.12 billion Paradise Combined Cycle Project.

The Project Management Institute is the world’s leading not-for-profit professional membership association for the project, program and portfolio management profession. PMI advances careers, improves organizational success and further matures the profession of project management through its globally recognized standards, certifications, resources, tools, academic research, publications, professional development courses, and networking opportunities. Call (951) 454-6728 for additional information about joining the local branch or to make a reservation for the luncheon.

East Lincoln Elementary School study the stars

By Brenda Brown

University of Tennessee Space Institute

TULLAHOMA – On Sept. 15, 75 fifth-grade students from East Lincoln Elementary School in Tullahoma became the first class to visit the University of Tennessee Space Institute (UTSI) new solar observatory.

Carole Thomas, UTSI STEM Manager, who was instrumental in coordinating and securing funds to build the new solar observatory at UTSI, welcomed the students along with Katrina Stoverhead, Andrew Broadbent and Adam Croft. They gave a brief presentation on the sun and an overview of the eclipse. Following the presentation, the fifth graders were given an opportunity to experiment with the telescopes in the observatory.

Special guest on hand included Jody Bahe, City Administrator, and Mayor Cordell from Coffee County. Thomas said, “Both were instrumental in UTSI acquiring funding from the Tennessee Community and Economic Development Three Star Program that aided in the building of the solar observatory and purchase of telescopes.”

AEDC Coordinator Jere Matty was also present and participated by bringing his discovery dome for the students to enjoy.

With its new facilities, in addition to the Energy Team’s efforts, many other investment and upgrading projects have also led to energy reductions. As AEDC strives to provide value-added ground test capabilities, it is no surprise that the upgrades, improvements and process changes that are implemented lead to energy reductions even if energy conservation was not the primary driver of the project.

Each of us has opportunities, daily opportunities, to make decisions that advance AEDC and our community towards a better future. It could be as simple as turning off your lights when you leave a room or setting back your thermostat when you out of the house. Everything we do as individuals and as a community contributes toward a better future. Whether small scale at home improvements or large scale efforts within our businesses and industries, these changes make a difference. We protect our future when we “Protect OUR Power.”

TENNESSEE AEROSPACE EDUCATION CENTER

East Lincoln Elementary fifth grade students pose for a photo Sept. 15 with AEDC STEM Coordinator Jere Matty and his Discovery Dome inside the University of Tennessee Space Institute Lobby. (UTSI photo by Laura Horton)

Fire Department offer these additional tips and recommendations for developing and practicing a home escape plan:

• Draw a map of your home with all members of your household, marking two exits from each room and a path to the outside from each exit.
• Practice your home fire drill twice a year. Conduct one at night and one during the day with everyone in your home, and practice using different evacuation routes.
• Teach children how to escape on their own in case you can’t help them.
• Make sure the number of your home is clearly marked and easy for the fire department to find.
• Close doors behind you as you leave—this may slow the spread of smoke, heat, and fire.
• Once you get outside, stay outside. Never go back inside a burning building.

To learn more about this year’s Fire Prevention Week campaign, “Every Second Counts: Plan 2 Ways Out” and home escape planning, visit FirePreventionWeek.org.
Innovation saves AMC $2 million annually

JOINT BASE CHARLESTON, S.C. (AFNS) – The 437th Airlift Wing began modifying the C-17 Globemaster III aircraft with new mounts for the Electronic Flight Bag Sept. 25. The new mounts increase flight safety in C-17s and are estimated to save Air Mobility Command $2 million in repairs annually.

The EFB allows the aircrew to digitally view aviation charts and publications which were previously published on paper. EFBs augmented the paper publications until AMC eliminated the requirement to carry paper publications and allowed the sole use of EFBs for in-flight reference.

“The EFBs were being fastened to the side-view windows using suction cup mounts as a supplement to the original mount which was designed to hold the paper publications,” said Lt. Col. Thomas Clark, 437th Operations Group deputy chief of standards and evaluations. “Since the paper version was no longer required, a permanent EFB mounting solution was in order. While requests to modify the plane with a permanent EFB mount had been submitted to the System Program Office years ago when the EFB was initially approved, they didn’t gain traction until paper publications were no longer required and a costly maintenance trend with safety implications was identified.”

Lt. Col. Mike Coppola, 437th Maintenance Group commander, noted numerous Intercommunication Control Set panels being damaged on a weekly basis. The suction cup mounts were popping off windows and hitting panels causing a noticeable loss of strength of repairs for the aircraft. ICS panels are used to communicate to other members on board other aircraft and air traffic control towers. The damage to the panels required costly repairs each year for AMC.

Upon being notified of the damage occurring to the aircraft, Col. Louis Hansen, 437th OG commander, brainstormed a fix with his team and worked with Col. Brian Peters, former 437th Maintenance Group commander, to execute a trial installation of a concept that Clark proposed. Master Sgt. Andrew Preuss, 437th MXG maintenance engineer superintendent, aided in the demonstration and helped get the modification approved by AMC.

“This solution requires no modifications, such as drilling or welding, to the aircraft as it uses the same two bolts that secured the paper chart holder, and is a slight modification to the existing cockpit,” said Preuss. “No additional funding was required for implementation because the wing already had the required equipment on hand.”

Over a third of the C-17s at JB Charleston have already been modified and the rest are scheduled to be finished in the next 90 days. “I think this is a great improvement that eliminates safety of flight issues and moves us closer to fully embracing a paperless cockpit,” said Clark. “I look forward to seeing it implemented across the fleet.”

The 437th AW took this idea from prototype to implementation in six months. Approval for most aircraft modifications takes longer to be approved, but a demonstration for Gen. Carlton D. Everhart II, AMC commander, quickened the process.

“Travis Air Force Base (California) also implemented a prototype of our design and demonstrated it for the AMC commander during a visit to their installation,” said Preuss. “After General Everhart saw the EFB mount, he pushed for the modification to be implemented on all C-17 aircraft assigned to AMC.”

Over a third of the C-17s at JB Charleston have already been modified and the rest are scheduled to be finished in the next 90 days. “I think this is a great improvement that eliminates safety of flight issues and moves us closer to fully embracing a paperless cockpit,” said Clark. “I look forward to seeing it implemented across the fleet.”

Lt. Col. Thomas Clark, 437th Operations Group deputy chief of standards and evaluations, uses the new Electronic Flight Bag mount modification on Joint Base Charleston, S.C., Sept. 29. The EFB enables aircrew to digitally view aviation charts and publications which were previously published on paper. EFBs augmented the paper publications until Air Mobility Command eliminated the requirement to carry paper publications, and allowed the sole use of EFBs for in-flight reference. (U.S. Air Force photo by Senior Airman Thomas T. Charlton)

The 437th AW took this idea from prototype to implementation in six months. Approval for most aircraft modifications takes longer to be approved, but a demonstration for Gen. Carlton D. Everhart II, AMC commander, quickened the process.

“Travis Air Force Base (California) also implemented a prototype of our design and demonstrated it for the AMC commander during a visit to their installation,” said Preuss. “After General Everhart saw the EFB mount, he pushed for the modification to be implemented on all C-17 aircraft assigned to AMC.”

Over a third of the C-17s at JB Charleston have already been modified and the rest are scheduled to be finished in the next 90 days. “I think this is a great improvement that eliminates safety of flight issues and moves us closer to fully embracing a paperless cockpit,” said Clark. “I look forward to seeing it implemented across the fleet.”

Lt. Col. Thomas Clark, 437th Operations Group deputy chief of standards and evaluations, uses the new Electronic Flight Bag mount modification on Joint Base Charleston, S.C., Sept. 29. Clark said the EFBs had been fastened to the side-view windows with a suction cup mount as a supplement to the original mount, which was designed to hold paper publications. (U.S. Air Force photo by Senior Airman Thomas T. Charlton)
AEDC provides process for managing hazardous materials

By AEDC Safety

AEDC Safety, Health and Environmental Standard 6 outlines the process for procuring, managing and disposing of hazardous materials (HazMat). The standard defines HazMats as substances whose characteristics present a potential risk to human health and/or the environment. Such materials may be toxic, flammable, reactive, radioactive, corrosive, poisonous, carcinogenic, infectious, or any combination of these characteristics. The standard defines a hazardous chemical as any chemical sharing these characteristics which is a physical hazard or a health hazard. The standard defines a physical hazard as a chemical that is classified as posing one of the following hazardous effects: explosive; flammable; reactive; radioactive; corrosive; poisonous; carcinogenic; infectious; or any combination of these characteristics. The standard defines a health hazard as a chemical classified as posing one of the following hazardous effects: acute toxicity (any route of exposure); skin corrosion or irritation; serious eye damage or eye irritation; respiratory or skin sensitization; germ cell mutagenicity; carcinogenicity; reproductive toxicity; specific target organ toxicity (single or repeated exposure); or aspiration hazard.

The terms hazardous substance, hazardous material, HazMat and hazardous chemical hold the same meaning.

The document further defines a hazardous chemical as any chemical sharing these characteristics which is a physical hazard or a health hazard. The document defines a hazardous material as all items (including pharmaceuticals in individually-issued drugs in their finished form and pharmaceuticals in individually-issued items) covered under Emergency Planing & Community Right-to-Know Act (EPCRA) tracking requirements, the OSHA HAZCOM (Hazard Communication) Standard, and all Class I and Class II Ozone Depleting Substances (ODSs) not including munitions and solid waste. HazMat may be a solid, liquid or gas and many present a potential risk to human health or the environment if mismanaged.

One may bring a HazMat onto or use a HazMat on the Base until all required authorizations described in the standard are obtained.

The process authorization request is to be completed electronically within the AEDC’s Hazardous Materials Management Program (HMP) System via the Computerized Maintenance Management System (CMMS). For non-CMMS users, the requestor/user will be trained in EESOH-MIS to create an authorization request and submit it through the System. The requestor/user will be responsible for ensuring that all material requested is listed in the shop's EESOH-MIS. The authorization request shall provide a list of all material to be purchased, the authorization determination, the associated SDS, and the associated Safety Data Sheet. The most recent copy of the SDS for the material purchased shall be submitted to the HazMat Cell Office for approval in accordance with the EESSO-MIS Sulli- cient information must be provided to allow the HazMat Cell to make an authorization determination. Incomplete submissions, or those with insufficient information, shall be denied. Instructions for preparing an authorization request are provided in training. This training is provided by the HazMat Cell.

The HazMat Cell will review the authorization and the associated SDS. If the HazMat Cell determines that the requested material does not need to be tracked, the request will be refused. If the material must be tracked, the requestor will be given authorization to purchase the material without pro- cessing through the HAZMART, which is authorized to issue HazMat. There is also a child HAZMART at the Model Shop. The standard defines a HAZMART Free-Issue Area as a HAZMART stor- age area where serviceable, full or partial containers of HazMat are main- tained for internal or authorized HazMat users at no charge. Organizations are to coordinate with the HAZMART to request training for inclusion in the Hazmat Free-Issue Program. Organizations are to submit the material to the authorized HazMat users

The standard defines the HJMP Team as a cross-functional team estab- lished to provide oversight for the man- agement of AEDC’s HCMMP, the HazMat Management Program and the OSHA Hazardous Substances Management Program. The complete responsibilities and function of the HJMP Team are defined in AEDC’s Hazardous Materials Man- agement Program. Each organization shall designate a HazMat Cell, which shall be responsible for all activities associated with the management of hazardous materials.

Once a requestor has obtained au- thorization, the HazMat Cell adds the material to the shop's EESSO-MIS Authorized User List (AUL). This au- thorization determines the material to be purchased via CMMS or dispensed from the HAZMART. Material purchased outside of the CMMS will need to be de- picted to the HAZMART and given a tracking label. The shop supervisor is responsible to ensure that all material is tracked in the shop’s EESSO-MIS AUL. The HAZMART will only issue hazardous material to any shop un- less the material is listed in the shop’s EESSO-MIS AUL.

Patrons who use HazMat issued from the AEDC HAZMART are re- quired to receive Hazard Communication Training. Each organization shall designate a HazMat Cell, which shall be responsible for ensuring that all HazMat are adequately trained in the safe use of HazMat. Each organiz-
Wreaths Across America is coming to Coffee County

By Bobbie Morse

America has placed Remembrance Wreaths on the military graves at Arlington National Cemetery at Christmas for 25 years. Now Coffee County joins more than 1,200 other sites nationwide participating in this program to honor our deceased military veterans.

Wreaths will be placed on the graves of military veterans who can be identified who are interred at Oakwood Cemetery and at the master monument at Citizens Cemetery in Tullahoma. Also at Hurricane Cemetery just off I-24 northwest of exit 105 in Coffee County, with a plan to expand to other Coffee County cemeteries in the future.

The committee is in the process of identifying military veterans graves at Oakwood and Hurricanecemeteries. At Oakwood they have already identified that veterans from the American Revolution, Civil War (both sides), Spanish American War, both World Wars, Korean War, Vietnam War buried there.

Families of military veterans buried at either cemetery are invited to make sure the committee has the name and location of the grave of their family member so a wreath can be placed on their grave. The Coffee County Republican Women are taking on this as a non-partisan project with 100 percent of all funds collected locally being used to order and place wreaths on veterans graves. All the money collected for this project will go directly to Wreaths Across America who will ship the wreaths directly to Coffee County from Maine.

Checks should be made out to WREATHS ACROSS AMERICA TM and dropped off or mailed to Cyndi Cloer at 372-8898 at Closer Automotive at 1406 McArthur St. in Manchester, TN 37355.

Wreaths across America is a IRS 501c3 non-profit and all donations are tax deductible. $15 sponsors one wreath – $30 sponsors two wreaths – $75 sponsors five wreaths – $150 sponsors 15 wreaths.

Businesses, organizations and individuals can sponsor wreaths and they can do so in memory of a deceased veteran or veteran family.

If you would like to volunteer to help raise sponsorship funds, identify veterans graves or help place wreaths when they arrive in December call Bobbie Meene (931) 247-4545 or Linda Walden at (931) 728-7909 or (931) 409-1581. A ceremony to remember and honor our serving veterans and pay respects on graves will be held at Arlington National Cemetery and more than 1,200 locations nationwide including Coffee County at the same time on Dec. 16, which is 11 a.m. locally. The deadline for ordering wreaths is Nov. 20.