

# Redstone Rocket

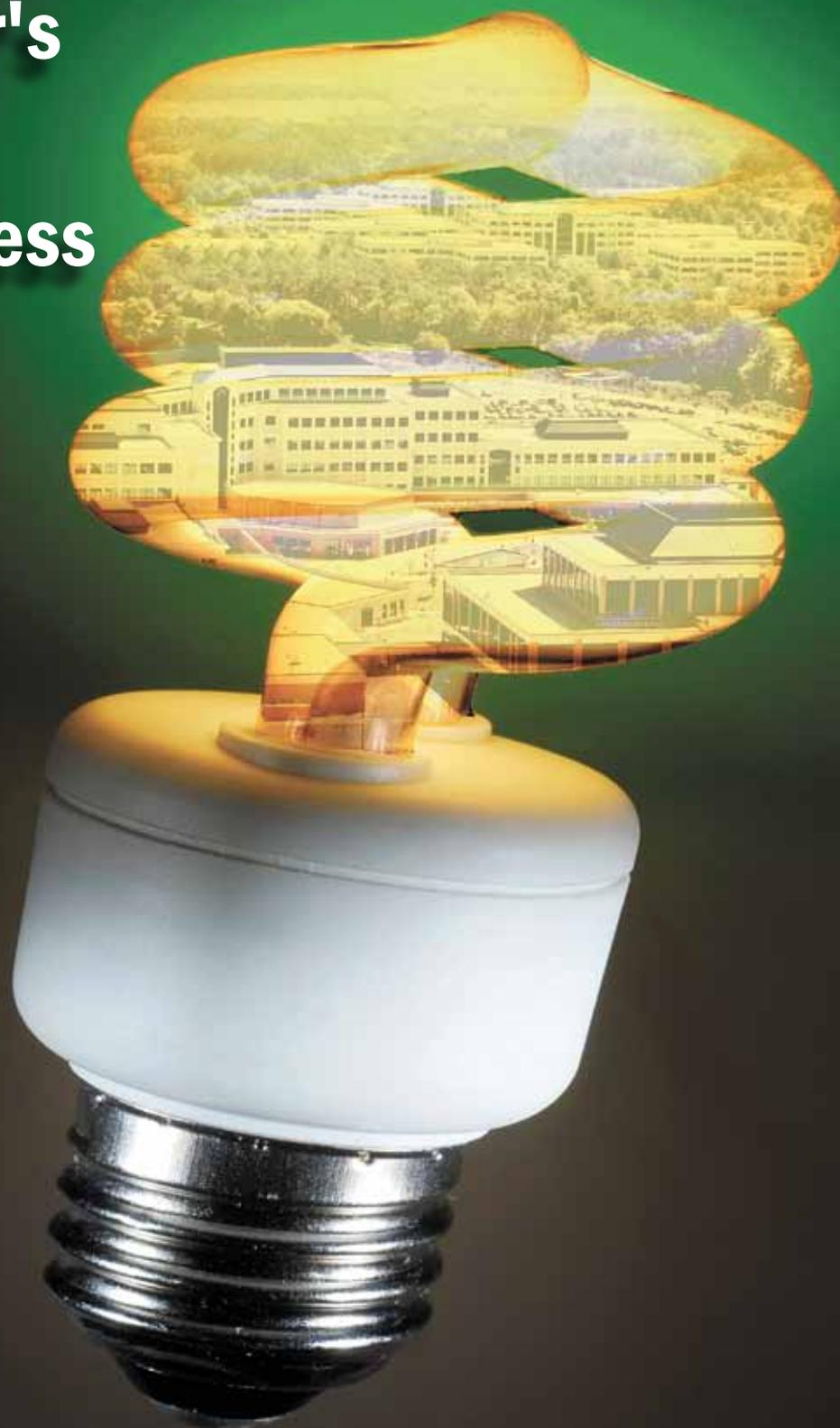
www.theredstonerocket.com

October 26, 2011

Vol. 60 No. 31

PUBLISHED IN THE INTEREST OF PERSONNEL AT REDSTONE ARSENAL, AL

## October's Energy Awareness Month



### AROUND TOWN

Marines former commandant visits for fund-raiser.

**PAGE 4**



### SPECIAL SECTION

Redstone wants you to help conserve on utilities.

**PAGES 15-25**

### SOLDIER STORY

A marathoner pursues his fallen comrade's goal.

**PAGE 27**

### WIN OR LOSE

Engineer teams compete in a disc golf tournament.

**PAGE 32**



# RocketViews

*What do you like to do to relax?*

By SKIP VAUGHN  
Rocket editor  
skip.vaughn@theredstonerocket.com



**Spc. Aaron Gutierrez**  
AMC Band  
"I like to cook with my wife (Karleigh). It takes my mind off work."



**Robert Cole**  
Chugach  
"I go to the weight room, go to the gym. Get a little workout in. That helps me to relax, get rid of a little bit of this stress."



**Anner Lynch**  
SMDC/ARSTRAT  
Public Affairs  
"What I like to do is go to the movies. I think that's very relaxing – movie theater."



**Tammy Haynes**  
AMCOM Command Group  
"I like to spend time with my family and friends. And shop. Right now watch football – Roll Tide! I like to work in my flowerbeds. I love flowers, I get that from my grandmother. You plant something, you get to see it grow. See the results of your labor. And you've got to balance your family life with your work life."

## Getting to know you

By SKIP VAUGHN  
Rocket editor  
skip.vaughn@theredstonerocket.com

**Name:** Bobby Coney

**Job:** Chief of equal employment opportunity, AMCOM

**Where do you call home?**  
I'm originally from Fitzgerald, Ga., although I call Huntsville home.

**What do you like about your job?**  
All aspects of it. Planning, program management, policy, development, communication and clarification.



**What do you like to do in your spare time?**  
Participating in parades, car shows and driving Corvettes. I'm a member of Vets With Vettes and the Untouchables Corvette Club. And the Rutgers Alumni Association. I'm a (1985) graduate of Rutgers Graduate School of Industrial and Human Resources Management.

**What are your goals?**  
Retire and travel to the south of France and spend a couple of years, enjoying Europe.

**What's at the top of your "bucket list" of things you want to do before you kick the bucket?**  
I don't plan to kick the bucket.

## Corpus Christi worker earns aviation honor

MONROE, Conn. – The Army Aviation Association of America has announced the recipient of the 2011 Donald F. Luce Depot Maintenance Artisan Award.

This year's recipient is John A. Lewis with Corpus Christi Army Depot, Texas.

This newest national award is being presented for the second time this year to recognize a person who has made an outstanding individual contribution to Army aviation in the area of depot maintenance during the awards period, July 1 through June 30.

Lewis is recognized for his outstanding leadership skills and performance as a team leader in the UH-60 Black Hawk helicopter Assembly Branch of the Directorate of Aircraft Production where his team built nine Black Hawks over the past year with the lowest number of discrepancies for all trades.

The award is to be formally presented today during the AAAA ninth annual Luther G. Jones Aviation Forum being held in Corpus Christi. (AAAA release)

## Quote of the Week

'No matter how much pressure you feel at work, if you could find ways to relax for at least five minutes every hour, you'd be more productive.'  
— Dr. Joyce Brothers

## Crimes, accidents & other occurrences

The Directorate of Emergency Services provided the following list of reported incidents for Oct. 13-19:

**Oct. 14:** When a government employee was stopped for speeding on Vincent Drive, he was driving with a suspended license. He received two violation notices.

**Oct. 14:** Redstone Police assisted Decatur Police by executing an arrest warrant at building 3220. The subject was released to Decatur Police at Gate 9.

**Oct. 17:** A Soldier was arrested by Jacksonville Police for desertion. She was released to Redstone Police and processed back to her Fort Knox, Ky., unit.

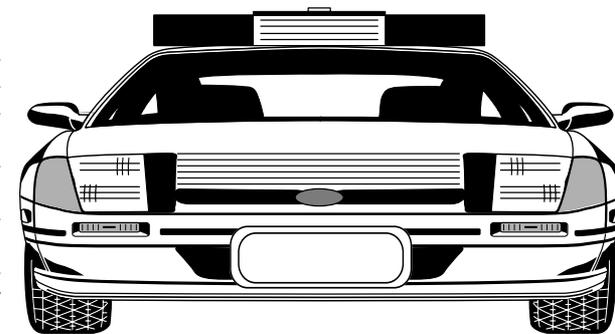
**Oct. 18:** An Army employee reported his private vehicle was damaged while parked in the parking lot of building 4400.

**Oct. 19:** When Redstone Police responded to Wesson Circle, a civilian was charged for domestic assault third

degree, controlled substance violation and possession of drug paraphernalia. The offender has been barred from the installation and the investigation continues.

**Traffic accidents reported:** Seven without injury (one accident involved a deer strike).

**Violation notices issued:** 14 speeding, 1 reckless driving, 2 following too close, 2 stop sign violations, 1 suspended driver's license, 1 domestic assault, 1 controlled substance violation, 1 possession of drug paraphernalia.



# RedstoneRocket

The Redstone Rocket is published weekly on Wednesday. The publisher will receive editorial content for publication in the Redstone Rocket through the Public Affairs Office, Army Garrison-Redstone, Bldg. 5300 Room 5144, Redstone Arsenal, AL 35898.

The civilian enterprise printer of the Redstone Rocket is Tennessee Valley Printing Co., Inc., located at 201 1st Ave., SE, Decatur, AL 35603.

Retail advertising deadline is 5 p.m. Thursday before Wednesday publication. Classified advertising deadline is 5 p.m. Friday before Wednesday publication.

**Email:** skip.vaughn@theredstonerocket.com

Editorial office: 256-876-1500 Editorial Fax: 256-955-0133 Retail Advertising: 256-340-2463 Classified Advertising: 256-260-2218 Advertising Fax: 256-260-2211

Rocket articles are available at:  
<http://www.theredstonerocket.com>  
<http://pao.redstone.army.mil>

**Rocket Staff**  
**Editor-in-chief:** Col. John Hamilton, Garrison commander  
**Editor:** Skip Vaughn  
**Assistant Editor:** Kari Hawkins  
**Reporter:** Amy Tolson  
**Copy Editor/Design:** Kelley Lane Sivley  
**General Manager:** French Salter  
**Advertising Sales:** Shelia Smith, 256-260-2212 or shelia.smith@theredstonerocket.com  
Anna Hyles, 256-260-2213 or anna.hyles@theredstonerocket.com

The Redstone Rocket is published in the interest of the personnel at Redstone Arsenal, by Tennessee Valley Printing Co., Inc., a private firm in no way connected

with the Department of the Army. Opinions expressed by writers herein are their own and are not to be considered an expression by the Department of the Army. The appearance of advertisements in this publication, to include inserts and supplements, does not constitute an endorsement by the Department of the Army of the products or services advertised within this publication.

The Redstone Rocket is an authorized publication for members of the Department of Defense. Contents of the Redstone Rocket newspaper are not necessarily the official views of, or endorsed by, the U.S. Government, Department of Defense, or the Public Affairs Office.

The editorial content of this publication is the responsibility of Redstone Arsenal Public Affairs Office.

Published by Tennessee Valley Printing, a private firm in no way connected with the Department of Defense,

under exclusive written contract with the Department of Army. Everything advertised in this publication must be made available for purchase, use or patronage without regard to race, color, creed, sex or national origin of the purchaser, user or patron. A confirmed violation or rejection of this policy of equal opportunity by an advertiser will result in refusal to print advertising from that source until the violation is corrected.

The Redstone Rocket is distributed free of cost to any personnel at Redstone Arsenal and Research Park, Huntsville. Mailing rates for off post for the Redstone Rocket are \$30 per year, tax included. We do not guarantee timely delivery. "Third class mail may receive deferred service. The Postal Service does not guarantee the delivery of third class mail within a specified time." (Article 630 of the Domestic Mail Manual). We do not send subscription renewal notices.

# President announces withdrawal of American troops from Iraq

By JIM GARAMONE

American Forces Press Service

WASHINGTON— All U.S. servicemembers will leave Iraq by the end of the year, President Barack Obama announced Friday.

About 40,000 U.S. servicemembers are in the country, and all will be “home for the holidays,” Obama said.

The president made the announcement after speaking with Iraqi Prime Minister Nouri al-Maliki on Friday morning.

Since American forces went into Iraq in March 2003, more than 1 million Americans have deployed to the Middle Eastern country – many multiple times. More than 32,200 U.S. servicemembers and civilians have been wounded in the country, and 4,482 were killed.

“Today, I can report that as promised, the rest of our troops in Iraq will come home by the end of the year. After nearly nine years, America’s war in Iraq will be over,” the president said. “The last American Soldiers will cross the border out of Iraq with their heads held high, proud of their success and knowing that the American people stand united in our support for our troops. That is how America’s military efforts in Iraq will end.”

The United States will maintain a close alliance with Iraq, the president said, and the withdrawal means the relationship between the countries will be just like that between the United States with any other country. Obama said it will be “an equal partnership based on mutual interests and mutual respect.”

Photo by Ellen Hudson

## Security appreciated

Garrison commander Col. John Hamilton presented awards Oct. 18 to members of the Directorate of Emergency Services. Department of Army security guards Eric Poole and Joe Szmuto received commander’s coins for assisting a stranded motorist who needed some vehicle

assistance. Awards were also presented to chief of police Art Riley and head of security Kevin Dykema in recognition of their division’s support during the April 27 tornadoes. From left are Poole, Szmuto and Hamilton.



Photo by Ashley Crick

## Aerospace professionals

Redstone Test Center commander Col. Steven Kihara speaks at the Huntsville Aerospace Marketing Association’s monthly meeting Oct. 14 at the Officers and Civilians Club. An organization for aerospace business development professionals, HAMA gave Kihara an opportunity to discuss the capabilities and facilities of RTC to members of industry in an informal atmosphere.

# CFC spotlight

Name: Ken Dunn

**Job:** Facilities construction project manager, Marshall Space Flight Center

**How long have you contributed to the Combined Federal Campaign?**

I’ve worked as a civil servant for eight years and I’ve contributed during all that time. But I also gave to CFC before that when I was a NASA contractor. Contractors can contribute through a one-time cash donation or a donation by check. We invite contractors to come to the kickoff celebrations because they can participate, too. Everyone who works on Redstone Arsenal can contribute to their favorite charities through CFC.

**Why did you decide to be a CFC contributor?**

It’s a very simple way for me to contribute to charities that I want to support. As a civilian, I can use the simple payroll deduction. Even with a \$5 or \$10 contribution in each paycheck, it still adds up to a lot by the end of the year. I was the executive chairman for the Marshall Space Flight CFC campaign last year. I like to be involved with CFC because it allows me to put an emphasis on philanthropy. NASA also gives us four hours of administrative leave to visit and work with one of the CFC agencies during the campaign. One time I worked with a bunch of NASA attorneys at the community garden at the Botanical Garden, where we had them hauling dirt in wheelbarrows and digging in the compost. We’ve had employees visit the neonatal unit at Huntsville Hospital, work on the Salvation Army food truck and experiment with science and develop leadership skills with the Boy Scouts. CFC lets you be involved with so many different charities. It really broadens your awareness of the charities in our community and the difference they can make for the people who live here.

**What charities do you like to contribute to through CFC?**

I like the holistic approach to charities. I like charities that will help anyone in need. For that reason, I like to give to the Salvation Army and the American Red Cross. I give to Boy Scouts of America because I am a Boy Scout leader at my church and the Cub master at Jones Valley Elementary School. And I’ve added Free to Teach this year. It is a national organization that was started new here this year by Eula Battle, Huntsville Mayor Tommy Battle’s wife, and Nancy Jones,



wife of retired Lt. Gen. Tony Jones who is now with Boeing. Free to Teach takes donations from corporate America of leftover office supplies, like binders, paper, pens and pencils, and even things like copiers and book shelves, and then makes them available for free to teachers for their classrooms. They have set up a supply store at West Huntsville Elementary School where teachers from Huntsville and Madison County can shop for free.

**Why do you continue to be a CFC contributor?**

Charity starts at home and at church. I am a trustee and a volunteer at First Baptist Church, where I work with the Salvation Army food truck, and the Boy Scouts, and I’ve helped the Federal Emergency Management Agency as a certified arborist and chainsaw operator after the April tornadoes. I love doing things for other people. Helping on a physical level is important, but there is a lot we can do on the financial level. It’s just the heartfelt feeling of giving to those in need. If I can be kind and help someone then I feel I’ve accomplished my goal for the day. Do a good turn daily.

*Editor’s note: The CFC spotlight is a feature in honor of “50 Years of Caring.” Each week during the annual charity drive, the Rocket will feature a contributor to the Tennessee Valley Combined Federal Campaign.*

## AroundTown

# Marines former commandant challenges new generation

*Retired general officer  
praises Heroes' Week*

By **AMY GUCKEEN TOLSON**

Staff writer

amy.tolson@theredstonerocket.com

Individuals are put on Earth to make a difference. And never has that call been stronger to make a difference in the nation, and the role the United States will play in the world for years to come, according to retired Marine Gen. Jim Jones.

"After 65 years of traveling the world, I'm convinced more than ever that our many friends and allies the world over, do not want, emphasis, do not want, to contemplate a world in which the United States plays a diminished role," Jones said. "They want the United States to lead, to be a leader that inspires those who are struggling, who are suffering, and to ask that that leadership will have no counterpoints to the world of the autocratic and oppressive regimes. To young people here, this is your calling, this is your mission, and this is your responsibility. Standing on the sidelines is not acceptable. We must not only understand the severity of the problem we face in this new and more competitive world and environment, but also we must be part of the solution."

Jones, the former national security adviser to President Barack Obama and former commandant of the Marine Corps, was in Huntsville last week to speak at the Semper Fi Community Task Force's annual fundraising luncheon for Heroes' Week. While speaking on contemporary issues in national security, Jones directed his remarks largely to the young people in the crowd — Marines, soldiers, sailors, airmen, Coast Guard and those that serve their country as civilians.

"It's my observation that today we live in a time when our ability to not only understand the environment that we live in, but also to be able to adjust to it will have profound effects on our country and its role in the world, certainly by the midpoint of this century, maybe sooner," Jones said. "This profound change will affect the individual fortunes and aspirations of nearly everyone in this room today, and especially the younger members because they are the ones that are going to inherit the responsibility of navigating through the world that we live in."

The world that we live in today, Jones said, is not the same world that we lived in during the 20th century, when it was the United States on one side and the Soviet Union on the other, and challenges seemed fairly orderly and simplistic. Challenges are more complicated and come from many directions, such as Arab Spring, a collection of uprisings, demonstrations and protests across the Middle East in places like Libya, Egypt and Tunisia, and the rise of peer competitors across the world.

"A funny thing happened along the way to the 21st



Photo by Ellen Hudson

**Huntsville Mayor Tommy Battle talks with retired Marine Gen. Jim Jones.**

century," Jones said. "On the positive side, several nations studied our model, took stock of what we achieved in the 20th century, and started to imitate that success, first Japan, then China, India, Brazil, and the newly united Europe. Today we face unprecedented competitive challenges from newly reborn and transformed nations who have established close links between their public and private sectors. They've recognized that in a globalized world, the ability to make rapid national government decisions with regard to their economies, is an essential component with any success they hope to enjoy in their future."

As peer competitors rise, adapting quickly and effectively to the changing world around them and forming alliances with each other, as well as pushing their upcoming generations into science, technology and engineering, the United States is constantly challenged to keep up, and in many ways, is not, Jones said, quoting from Tom Donahue, president and CEO of the U.S. Chamber of Commerce. Many levels of bureaucracy make it difficult to do business with the United States, and discourage many countries from doing so.

"When a nation stops being able to do the things that are in its own interests, the signs of true decline cannot be very far behind," Jones said. "The world is catching up, and there is still time to remedy the situation, but that's not nearly enough time as some people might think."

As he looked out on the crowd, many of whom were young veterans or those still serving, Jones issued a mission.

"This is the world that you young people here today will live in, and that you will compete in," he said. "You cannot ignore it, you cannot withdraw from it, and you cannot fail unless you're willing to accept the lesser role of this nation."

Jones also cited one of the critical shortfalls of the national security portfolio as lack of an energy policy, a shortfall he is trying to remedy through bipartisan talks with Congress, and members of the administration, as well as the energy community. Energy sufficiency for the United States, Jones said, is "very possible within the next decade."

"Energy is a cross cutting issue," he said. "It affects our balance of trade, our balance of payments, our overdependence on one particular form of energy sources. We can fix this. We need to fix it. It needs to be addressed in a bipartisan way, and I hope that the next administration has the courage to reflect that this is one of the central pillars that will define us as a nation. ... It's extremely important for our position as leaders in the world. If we don't have a comprehensive energy policy that others can be inspired by, then we have mortgaged a significant portion of our leadership responsibilities. I think there's tremendous opportunity here. It's not going to be easy. But it's essential."

A self-described optimist, Jones does not necessarily believe those who claim the U.S. is in decline, but rather, said the U.S. must learn to face 21st century problems with 21st century solutions.

"We are free as individuals and as a nation, thanks to the collective sacrifice of many who have gone before us, and we will continue to be free, as a result of the next greatest generation," Jones said. "You young people here today are charter members of that generation. You've fought for your country, you've served in uniform, you understand that freedom is not free, that selfless service is what got us to where we are, as one country, not as one country with two parties that are colliding, but one country that will come together and will be united to tackle the serious problems and fix this. You are that generation that I predict will be amazingly successful."

Jones himself is no stranger to the selfless service and duty to country that unites the wounded warriors, coming from a family history that dates back more than 80 years of serving in the Marine Corps as infantry men or infantry officers. In his 40 years of uniformed service he served as president and chief executive officer of the U.S. Chamber Institute for 21st Century Energy, Supreme Allied commander, Europe, commander of the United States European Command, and later went on to become the State Department's special envoy for Middle East regional security. He currently serves as president of Jones Group International, which helps address geo-strategic issues.

Jones' presence raised money for the fifth annual Heroes' Week, which will bring more than 60 wounded warriors from across the country to Huntsville, for a week of civic, community and social events in conjunction with Veterans Day. Planned events include the Marine Corps Ball, Veterans Day parade, fishing tournament, and plenty of opportunities for rest and relaxation at their first-class accommodations at The Westin.

"I can't tell you how moved I am by your passion in honoring our wounded warriors and our men and women who serve this nation so gallantly, so bravely and so consistently, and that you would come together as a community from all different walks of life is really inspiring," Jones said. "It speaks volumes for not only who you are as a community, but who you are as people."

# Men's ministry reaches out to local community

*Provides support beyond chapel*

By SKIP VAUGHN

Rocket editor

skip.vaughn@theredstonerocket.com

A group of men meets monthly at Redstone with a common goal – improving the community.

It is the men's ministry of Bicentennial Chapel, a Protestant outreach. All men with access to Redstone are invited.

“Our goal is to reach out to all men in the community to give them a support group for Christian men,” Dr. Harry Hobbs, the men's ministry leader, said.

The retired chief warrant officer initiated the group in 2005 after arriving at Redstone in 2004. Since then it has grown from the original five members to about 30.

Open to ages 18 and up, the group meets the second or third Saturday – for the exact monthly date, call Hobbs at 425-5307 – at 9 a.m. at the Redstone Links golf clubhouse.

Besides fellowship, the members get to-



Courtesy photo

**Men's ministry leader Dr. Harry Hobbs addresses members of the group.**

gether to support community efforts such as the Community Awareness For Youth last August, the chapel's annual Rally Day before the first day of school and the third annual October Slam this Friday from 6-9:30 p.m. at the Youth Center. They also help beautify the chapel.

“It's for spiritual growth, spiritual

brotherhood,” Hobbs said.

They hold an annual retreat at Lake Guntersville's state lodge. The first such retreat was 2010 and the next is scheduled March 23-25.

“We want to thank Chaplain Luckie for his support and sponsorship of the men's ministry,” Hobbs said.

Chaplain (Lt. Col.) Marvin Luckie, the Garrison chaplain, has addressed the group and sees its value.

“The men's ministry is important because it provides fellowship for the men to come together to dialogue and build friendships,” Luckie said. “It gives an opportunity for people to dialogue about their journey, how faith has brought positive energy, healing and compassion and learning from their mistakes. All of that makes a better leader.”

The men's ministry is similar to its sister organization, the Protestant Women of the Chapel.

“We want to change this community,”



Photo by Skip Vaughn

**The men's ministry, like the Protestant Women of the Chapel, is an outreach of Bicentennial Chapel.**

Hobbs said. “We're trying to bring back some Christian moral standards. We're trying to influence people to come back to our Christian roots as a nation.”

For more information about the men's ministry, call Hobbs at 425-5307.

# AMCOM workers approved for retirement bonus

The following list of 122 recent retirees from the Aviation and Missile Command was provided by AMCOM G-1 (Human Resources). They are recipients of Voluntary Separation Incentive Pay. "Some were early-out, some were optional (regular retirement)," human resources director Karen Bandera said.

- Lula M. Adams, Carole Lynn Ainsworth, J.W. "Jerry" Alexander Jr., Annie M. Allen, Eddie W. Allen, Michael Allen, Doris A. Allgor, Karen D. Allred, Resha J. Andrews, Geneva Archable, Roxann Arrington, Barry W. Beavers, Timothy R. Benson, Sharon Blackwell, Gayle S. Booker, Timothy D. Boyett, James E. Bragg, Rebecca J. Bridges, Mary A. Brown, Kathy D. Buford, Tony S. Caldwell, Michael A. Calhoun, Caesar A. Cantu, Patricia A. Carter, John Earl Chambers, Dorman L. Chasteen Jr., Rebecca E. Clanton, Billy R. Clemons, David C. Clemons Jr., Alvin L. Cooper, Donna B. Cooper, Connie T. Crabtree, David Crawford Sr., Bonnie L. Cummings, Theresa L. Czarnik

- Virginia E. Dale, Doris D. Dam, John C. Darnell, Martha A. Dees, Duane A. Dohrman, Sheila Coker Eiermann, Nancey J. Elkins, Robbie Evans, Rochelle S. Feltmeyer, James H. Fisher, Mae Ella Fletcher, Stephen D. Foster, Fred E. Frost, Nellie G. Fuqua, Charles L. Furman, Kenneth D. Gardner II, Lily M. Garner, Dorothy L.

Graham, George R. Graham, Gary R. Gray, Fred R. Hadley, Frankie D. Harper, Charles S. Hill, Monty H. Hill, Peggy W. Hodo, John T. Holden, Josephine Hunter, Jerry L. Isbill, Margaret B. Jackson, Donnie E. Jamerson, Bruce W. Johnson, Carol S. Knowles, Bettye Laniercarter, Evelyn R. Lavender, Betty M. Lee, Phillip D. Lively, Leonard Luqman, Nancy R. Martin, Lori A. McAulliffe, Julia M. McKay, Dudley M. McMillin, Billy O. Miles, Bernard J. Mollaun, Jean Marie Montgomery, Mark C. Moots, Linda L. Morgan, Bernice Muhammad

- Robert A. Nesbitt, Darwin C. Oberlander, Daniel O'Connell, Sharon M. O'Connor, Douglas C. Ormsbee, Graciela Padilla, Sandra E. Patrick, Robert L. Peagler, Sandra K. Recio, Juan B. Rivera, Richard L. Robinson, Scott A. Robinson, Brenda C. Rochelle, Reta L. Roden, Richard J. Ruhlman, Edgar B. Sandidge, Katherine C. Seale, Jeanette P. Sellers, Zakiyyah S. Shakoar, Jacqueline H. Shaw, Joyce W. Shields, Roger L. Simmons, Rosa M. Smalls, Carol L. Smith, Millie Smith, Emma M. Stewart, Cynthia J. Strickland, Marie E. Thompson, Louis R. Washington, Gregory F. Wasylak, Gloria Watkins, John A. Watson, Vickie L. Weatherman, Constance M. Weis, Scott A. Welcher, John B. Welsh, Gerald P. White II, James F. Williams, Patricia L. Wilson and Della F. Yates.

## Exchange unwraps holiday return policy

Recent industry statistics show that 3 to 4 percent of all retail sales are returned for refund or exchange. To alleviate the worry about what can be returned and when, the Army & Air Force Exchange Service is giving the gift of extended hassle-free returns for the holidays.

For items purchased from Nov. 1 through Dec. 24, Redstone Arsenal shoppers can return or exchange those items through Jan. 31.

If a shopper requests a refund with a sales receipt, a cash refund will be made if the original purchase was

made in cash. If the original purchase was made by credit card, the refund can be credited to the customer's same credit card. If a customer requests a refund without a sales receipt, the refund amount is loaded onto an Exchange Merchandise Card.

"The Redstone Arsenal Exchange's return policy is second to none," Exchange general manager Loraine Arbo said. "With our amended policy during the holiday season, we have the processes to ensure it's the right color, look or fit."

In addition to returns on locally purchased items, shoppers can return Exchange, catalog or Internet orders to the Exchange for a full refund on the product. If the return is due to an error on the Exchange's part, shoppers will be reimbursed the standard shipping charges in full.

"We take our commitment to serving those who serve very seriously," Arbo said. "Exchange shoppers give the best gifts because we ensure that Soldiers and retirees get exactly what they want every time." (*Exchange release*)

# Construction brings road improvement projects

By SKIP VAUGHN

Rocket editor

skip.vaughn@theredstonerocket.com

Redstone drivers can expect road changes within the next year because of on-going construction projects.

These include the Gate 7 upgrade, widening of Martin Road, and Gate 9 reroutes because of Redstone Gateway.

“There’s a lot of exciting times coming but it’s really after the New Year,” Craig Northridge, program manager in the Garrison’s Directorate of Public Works, said.

DPW’s civil engineer for base operations Tom Richardson and master planning general engineer Brendan Bennick are coordinating the Gate 7 upgrade and widening of Martin Road. Gate 7 is a Corps of Engineers project, and Martin Road widening is a city of Huntsville project.

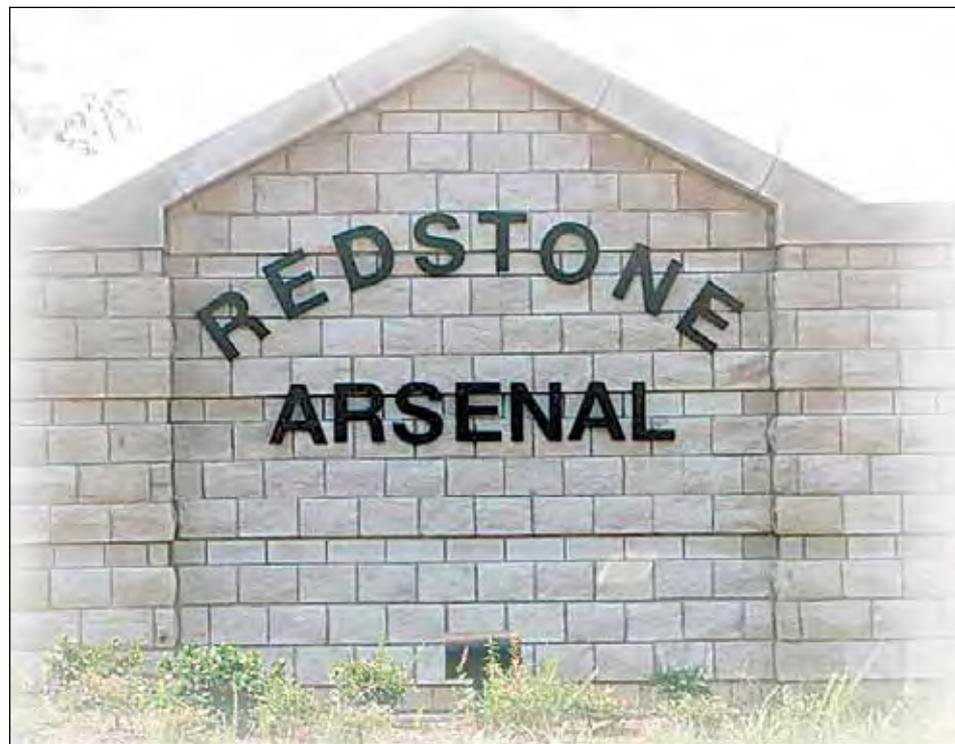
Similar to other gate renovation projects, the Gate 7 upgrade includes a new guardhouse and a canopy for three lanes. There will be three inbound and two outbound lanes. Drivers are asked to stay patient until the project is completed.

The widening of Martin Road represents two phases: a utility relocation project in the first half of 2012, and the actual road work which will take 12-18 months beginning in 2012.

“The road will remain open during that time,” Richardson said. “A new bridge will be constructed next to the existing one.”

Rideout Road improvements are required because of Redstone Gateway, the massive enhanced use lease construction project which will build an office/business complex complete with lodging and eateries. Goss Road will be rerouted to remove the current bottleneck at the Rideout intersection; and that project should be finished in July.

Gate 9 itself is expected to move within the next five years.



## Housing office welcomes new arrivals

The Housing Services Office provides the following information for new arrivals at Redstone Arsenal:

“Welcome to the HSO (Housing Services Office), Redstone Arsenal. Our primary function is to assist you and your family in locating suitable off-post housing with minimum delay. In our efforts to accommodate you, we maintain current listings of available housing for rent/sale/TDY in the Huntsville community and provide current housing market data.

“In accordance with DoD and AMCOM policies, all military personnel are required to report to HSO prior to entering into any lease or rental agreement.

“Upon completion of arrangements for off-post housing, we request that you register your address with the HSO office. This information enables us to determine the extent to which community housing assets are available for personnel needing off-post housing. Also, if you move while residing off post, we request that you notify this office of your new address.

“The HSO office is located in building 3207 on Hercules Road. Hours of operation are from 7 a.m. to noon and 1-4 p.m. Monday through Friday.

“Should you need further assistance, call 842-0422 or 876-6666. We hope that your tour at Redstone will be a happy and memorable one.”

# Wheels of train go round at Redstone

*Families can enjoy rides during October Slam*

By KARI HAWKINS  
Assistant editor  
Kari.hawkins@us.army.mil

Now in its third year, families attending the October Slam at Bicentennial Chapel know what to expect – free food,

games, blowups, a hay ride, entertainment and lots of fun.

But this year, all that may well get overshadowed by the bells and whistles of a freedom train.

Members of the chapel's Club H2O have built a train from plywood, with a bell that rings and a train horn that is sure to attract a lot of attention.

"We wanted to add a train because

everyone likes a train," Darrell Good, director of the youth program at Bicentennial Chapel, said.

"I wanted families to just feel the excitement of a train. It just does something to you. A homemade train makes a man feel like a kid again, and it makes all the little kids jump up and down with excitement. It can add a lot to a family event to have a train."

In August, Good and a few parents and youth from the chapel youth program – including Mark Fitzgerald

and his sons Mark Jr. and 10-year-old Michael, youth members Chandler Foster, Miles Brown, Caleb Snell, Racion Hatton and Jessie Good; Army retiree Buck Banister; and Chrysler retiree Tom Rogers – started meeting in Morgan City to build a train that would be pulled by a tractor engine and seat about 35 kids.

The project involved a lot of work cutting out

and hammering the plywood together on wheeled flatbed trailers, designing an engine with a place for the conductor and painting the cars.

"Tom had a shop with all the tools we needed to do something like this," Good said. "I looked at pictures on the Internet and designed the train."

Many of the passenger trains Good looked at had a tractor engine of 17 horsepower. But he went with a 27-horsepower engine to get the power to pull a large train at five mph around the chapel and through the nearby neighborhood.

"This is all about bringing joy to families and showing them that we care. It is an expression of how we feel about this community," Good said.

October Slam will take place Friday from 6 to 9:30 p.m. at the Youth Center. All Redstone families are invited.

"Last year we had about 1,500 people here," Good said.

Foster hopes families will enjoy the train as much as he enjoyed helping build it.

"It was like working with Legos, but on a bigger scale," said Foster, a sophomore at Sparkman High School. "Next year I want to make a robot for October Slam."



Photo by Kari Hawkins

**This year's October Slam, set for Friday night from 6 to 9:30 at the Youth Center, will include rides on a homemade train that was the brainchild of the Bicentennial Chapel's Darrell Good, second from left. Several volunteers helped Good with the project, including, from left, Chandler Foster, and Michael Fitzgerald and his dad Mark Fitzgerald, who works for the Test Measurement and Diagnostic Equipment Activity.**

# Leaders put face on awareness for breast cancer



Courtesy photo

**Reba Rogers, seated left, smiled for the camera for breast cancer awareness as a member of Crestwood Medical Center's Women's Advisory Council. The image appeared on the cover of the medical center's publication, the Crestwood Pulse, as well as in an ad that featured community leaders encouraging women to get their annual mammograms.**

By **AMY GUCKEEN TOLSON**  
Staff writer  
amy.tolson@theredstonerocket.com

Reba Rogers is standing up to breast cancer.

"My daughter asked me, 'Why are you in that picture, Mom? You're not a survivor,'" Rogers said. "I said, 'I'm going to stand in for Grandma, because she is a survivor.' She's a survivor and she's a fighter and we're proud of her."

Familiar faces from the Redstone Arsenal community, including Rogers and Melinda Hamilton, made an appearance in Crestwood Medical Center's breast cancer awareness campaign materials this month, appearing in both newspaper and magazine advertisements, as well as on the cover of the medical center's publication, the Crestwood Pulse. Rogers, a member of Crestwood's Women's Advisory Council, which aims to help determine the community's health care needs, particularly for women and their families, proudly smiled in honor of her mother and many friends who have been affected by breast cancer for the pictures.

"It touches so many lives," Rogers said of breast cancer. "It's nice for us to stand up and get the word out. The early detection is what it's all about. Those lives can be saved."

Last year Crestwood invited Rogers and others to sign quilt squares that they could dedicate to loved ones that were made into one big quilt, Rogers dedicated hers to her mother. This year they put a face to breast cancer awareness, as leaders in the community posed for pictures to encourage women across the Tennessee Valley to get their annual mammograms and take charge of their breast health. As the wife of Redstone senior commander Maj. Gen. Jim Rogers, Rogers is a familiar face for many on the Arsenal, and as the daughter of a breast cancer survivor, a symbol of the need for breast cancer awareness.

"It's hard," said Rogers, who recently lost a friend to the disease. "It just seems

like everywhere you go you know somebody. The more we get out there and the more we learn about it, maybe someday we won't have to worry about it."

In the meantime, Rogers encourages all women, as the ad says, to schedule their annual mammograms and to remind their friends to do so.

"When mom had breast cancer, the surgeon looked at my sister and I and said, 'You now have breast cancer in your family history,'" said Rogers, whose mother ensures her daughters take charge of their breast health. "My mom is on me all the time now, asking, 'Did you get it done? Was it digital? Are you OK?' Hopefully we don't have to experience that ourselves, my sister and I, or my daughter. Hopefully by the time Jessi's grown up we will have found a cure."

The American Cancer Society recommends that all women 40 and over have annual screening mammograms and clinical breast exams. Women in their 20s and 30s should have a clinical breast exam by a health care professional at least once every three years. Beginning in their 20s, women may also choose to perform self-exams at home and should report any changes to their health care provider immediately.

"Don't wait – the time slips by too quickly," Rogers said. "Be vigilant."

"I would encourage everyone to be their own advocate for their breast health, since, when it's caught early enough, breast cancer is completely survivable," said Hamilton, who honored her husband, Garrison commander Col. John Hamilton's grandmother, who was a breast cancer survivor, a childhood friend who is recovering from Stage IV breast cancer and survivor Becky Feehan, by appearing on the magazine cover as a member of the Women's Advisory Council. "I believe the community should do whatever it can to bring attention to breast cancer and its treatment."

Breast Care at Crestwood Women's Center, located at 185 Chateau Drive, is open 7 a.m. to 4:30 p.m. Monday through Friday. To schedule a mammogram, call 429-4888.

Courtesy photo

## Awareness display

The Goss Road Child Development Center celebrates October's Breast Cancer Awareness Month.



# Colorado National Guard receives artillery rocket system

By Maj. SCOTT GILL and ANTHONY SALADINO  
For the Rocket

The Precision Fires Rocket and Missile Systems fielding team has completed its 13th total package fielding of the High Mobility Artillery Rocket System.

The 3-157th Field Artillery, Colorado Army National Guard received the package in August. The HIMARS fielding team personnel are members of PFRMS Fielding and Modification Branch and have the responsibility to plan, budget, coordinate and execute the fielding of the 17 Army HIMARS battalions.

The fielding team started this program in 2005 and will conclude its fielding activities in 2013. By then, the team will have fielded five battalions to the Active Army and 12 battalions to the ARNG. Additionally, the team has already provided a battalion set of launchers to an Army Prepositioned Stockpile location.

For the Colorado ARNG, this particular fielding began in June at Fort Carson, Colo., when the unit underwent new equipment training and successfully culminated with the battalion Live Fire Exercise in late August. During this exercise, the unit fired practice rockets from

each of its 16 newly issued rocket launchers.

The Colorado chief of staff attended the live fire of Bravo Battery and observed the launching of 36 RRPRs. He said he appreciated the hard work of the fielding team and mentioned how impressed he was with PFRMS NET program. The 169th Fires Brigade commander and the Field Artillery deputy assistant commander commented on the superior training that the unit received as well as the outstanding support provided by the fielding team to Alpha Battery while observing the training and exercise.

As a result of the fielding event, the next generation of Multiple Launch Rocket System equipment was put into the hands of these Soldiers as the unit converted from their old tracked M270 Multiple Launch Rocket System launchers, which used 1970s technology, to the new wheeled M142 HIMARS version which uses a state-of-the-art fire control system and newly produced armored crew cab. As in each fielding, there were numerous challenges to overcome, but the PFRMS fielding team accomplished their mission both on time and within budget. This is a testament to the flexibility and perseverance of the entire



Courtesy photo

**The 3-157th Field Artillery, Colorado Army National Guard fires practice rockets from its newly issued High Mobility Artillery Rocket System launchers.**

fielding team.

“It was great working with the 3rd Battalion, 157th FA Soldiers and command structure,” Dennis McHargue, the fielding officer for the Colorado fielding, said. “They are one of the most professional and knowledgeable units I have ever fielded. Due to the constant coordination and cooperation between the PFRMS fielding team and the battalion White Cell element of the gaining command, we accomplished all facets of the fielding that our logistics elements were required to achieve. The measure of success of a unit TPF is always made evident when each firing battery is able to conduct, on its own, a LFX; firing 36 Reduced Range Practice Rocket per battery.”

Battalion commander Lt. Col. Scott Sherman said, “Our fielding went extremely well. The Precision Fires Rocket and Missile Launcher folks, especially Dennis McHargue, did an outstanding job traveling out to Colorado and ensuring that the battalion was prepared for the fielding. Once the equipment arrived, Dennis and his crew did an outstanding job training our Soldiers and accommodating our request to do the battery live-fire right after the fielding. We couldn’t be happier and more impressed with the reliability of the HIMARS system.”

The fielding team members are all retired from the Army or Marine Corps. Although they hung up their uniforms, they still live the military values.

# Energy expenses drain taxpayers' dollars



Photo by Skip Vaughn

**Quality assurance engineer Patrick Holmes, left, and energy manager Mark Smith, both of the Energy Management Office for the Garrison, stand in front of generators which supply backup power for one of Redstone's tenants.**

*Army pushes conservation, every individual can help*

By **SKIP VAUGHN**

Rocket editor

skip.vaughn@theredstonerocket.com

Redstone's utility bill remains a heavy burden.

In fiscal 2011, the installation's utility costs amounted to \$57,660,087.56. This included \$34,199,075.26 for electricity, \$2,660,556.85 for natural gas, \$31,682.35 for refuse, \$535,842.71 for sewage, \$18,345,545.04 for steam, \$576.84 for vending, \$1,156,707.93 for domestic water and \$730,103.58 for industrial water.

This represents an increase from the \$53,583,939 in fiscal 2010, but the \$4,076,148.56 difference is mainly attributed to new facilities brought online. These included Von Braun III, Army Materiel Command headquarters, Rotary Wing buildings, and so on, not to mention several smaller buildings built through the Garrison construction group.

Energy manager Mark Smith and quality assurance engineer Patrick Holmes, both of the Energy Management Office for the Garrison, hope the energy bills serve as incentives to save.

Redstone's energy conservation goal is to reduce consumption 3 percent annually, based on a baseline year 2003. That's mandated by the Energy Policy Act of 2005 and the Energy Independent Security Act of 2007.

But the reasoning for energy conservation goes beyond federal statutes and executive orders.

"Just being good stewards with the resources we have available to us, by saving the energy when we don't need it," Smith said. "When you don't need it, turn it off. If you don't need it full speed, slow it down."

"There are several reasons to conserve," Holmes said. "For the Army, it means spending less taxpayer dollars on energy so that those dollars may be spent elsewhere. Improve energy security. Lessen the reliance/burden on energy suppliers (for example, if TVA has to build new electric generation sites to keep up with demand then electric rates may go up). Reduce environmental impacts. It's the law for the government under EPACT 2005, EISA 2007 and several other ex-

ecutive orders and mandates. Energy supplies are limited. Conservation also means to be good stewards of what we have."

The easiest way workers can help is by turning off lights when rooms are empty, turning off computers at the end of the day, and limiting or eliminating personal space heater use. People should realize that it's impossible for everyone to be at a comfortable temperature all of the time.

"I don't think people here waste energy on purpose or knowingly. A lot can be saved just by doing common sense things that you would do at home," Holmes said. "Sometimes with an organization this large it is difficult to know who to contact or where to begin to change things. If someone sees a maintenance issue they should contact their facility manager or call 876-2801. If you have an energy conservation idea meet with your building energy monitor (every building should have someone assigned to this duty) to discuss it or contact the Garrison Energy Office (842-0014). Each person can make a difference. It just comes down to taking the first step and then following up."

Redstone's strategy includes trying to implement its energy conservation contracts through TVA. "We're doing lighting retrofits, HVAC (heating, ventilation and air conditioning) improvements, building envelope improvements (insulation and windows)," Smith said.

Construction is about to begin in the building 5600 area and part of the 5400 area on the second portion of a steam reduction project with TVA.

Utility bills are paid out of the Garrison budget from the Installation Management Command, but ultimately of course by the taxpayers. Each month, the Tennessee Valley Authority charges for power. And the Defense Energy Supply Center manages a contract for Redstone with BP, or British Petroleum, for natural gas. Redstone buys steam from Huntsville's Solid Waste Disposal Authority.

Garrison commander Col. John Hamilton explained the reasons for energy conservation's importance to Redstone.

"We've got to be smart about how we spend the taxpayers' resources. Utilities represent a huge percent of our budget," Hamilton said. "We also have a responsibility to preserve the environment as best we can."

## Energy usage by the numbers

**\$3.5 billion**

Facility energy costs paid by the Department of Defense in fiscal 2010.

**30 percent**

Average portion of energy in buildings used inefficiently or unnecessarily.

**\$20 billion**

Money saved nationwide if energy efficiency of commercial and industrial buildings improved by 10 percent.

**40 percent**

Increase in energy usage expected over the next 20 years.

**\$131**

Spent when a computer is left on continuously for a year (8,760 hours).

**\$30**

Spent when a computer is operated only during normal working hours.

**12,000**

Number of computers on Redstone Arsenal.

# Redstone buys water from Huntsville

In fiscal 2011, Redstone used 809,164,100 gallons of domestic water and 458,228,350 gallons of industrial water, according to Patrick Holmes, quality assurance engineer for the Energy Management Office.

Water is purchased from the city of Huntsville, in addition to water that is treated and produced on post from the river.

Two types of water are available on post. Domestic, or potable, water is chemically treated and filtered to allow those on the Arsenal to drink and cook with. Industrial water, treated to an extent, is used for manufacturing and cooling purposes. It is not suitable for consumption. Due to the lower treatment level, industrial water is less expensive than domestic water.

Water and sewage is returned to a treatment plant operated by PDR on post.



Photo by Ellen Hudson

## Power connection

Marcus Smith of Chugach Federal Services connects power for a small building next to building 4880 on Hale Road.

# Energy security essential for expeditionary Army

By DENNIS K. BOHANNON

*ASA IE&E Strategic Communication*

WASHINGTON – In a keynote address, Chairman of the Joint Chiefs of Staff Gen. Martin Dempsey said improving energy security directly translates into improving our national security.

Dempsey discussed the importance of energy in today's military environment while addressing the Pentagon Energy Security Forum in the Pentagon Auditorium, part of a weeklong Energy Security Event and Energy Awareness Month.

He said energy will be essential to keeping our military the most effective, the finest fighting force in the world.

“Without improving our energy security, we are not merely standing still as a military or as a nation, we are falling behind,” Dempsey said.

He noted, as a division commander in Iraq, energy management determined his ability to maneuver operationally. He said, having spent decades living and working on military installations, he knew full well the powerful impact that conservation can have on the division's bottom line.

Dempsey noted that within the Department of Defense, the “energy culture” has dramatically changed and improved since the days he was a young Army armor officer. But, he noted, “Today's war fighters require more energy than at any time in the past and that requirement is not likely to decline. During World War II, supporting one Soldier on the battlefield took one gallon of fuel per day. Today, we use over 22 gallons per day, per Soldier.

“We're also more expeditionary than ever. These energy needs require a vast yet vulnerable supply chain that our enemies target,” Dempsey said.

On the ground, he said, energy requirements often drive how long Soldiers can stay out on patrol and how many resupply convoys are put at risk to support them.

“I'll give you one example. For a 72-hour mission, today's infantry platoon carries 400 pounds of batteries to power their equipment – night vision devices, communication gear, global positioning systems and flash lights – 400 pounds of batteries per platoon. That's per 30 men for a 72-hour mission,” he said. “But we need to lighten the energy load of each war fighter and the physical weight and resupply that it entails.”

Dempsey said saving energy saves lives.

“In Afghanistan, fewer supply convoys will directly relate to fewer casualties,” he said. “And it's not only about defense, meaning defense of operations. Units with greater range and agility, with more warriors engaged in the mission rather than resupply, will ultimately result in ‘more tooth, and less tail.’ That's great news for us and even worse news to our adversaries.

“This is why I am committed to the goals set forth in the department's first-ever Operational Energy Strategy. Goals that include reducing energy demand at all levels of our forces while increasing the resilience and operational effectiveness of our equipment and our Soldiers.”

# Time to change misconception about light bulbs



Here's a common myth: Leaving lights on all of the time uses less electricity than turning them on and off as needed.

The truth is: Never turning lights off actually consumes more electricity than turning them on and off as needed.

When fluorescent lights first came into popular use during the 1940s, many people got in the habit of leaving lights on all of the time. Like many common myths, this one has outlived its useful life.

The best habit is to turn off the lights whenever you leave a room. Turning lights off will reduce the operating costs in two ways: It saves electricity and it reduces the number of times a lamp needs to be replaced.

For example, a standard fluorescent lamp operating continuously has a lifetime of about 38,000 hours or 4.3 years. If the same lamp operates for only 12 hours a day, the lifetime operating hours drops to about 30,000. Now, the lamp will last for about 6.8 years before a replacement lamp is needed. The end result is the amount of electricity consumed is cut in half and the lamp replacement costs are reduced by 30 percent.

A good rule of thumb to follow is: Always turn off incandescent and fluorescent lights, even if you'll be gone only a minute or two. Make a habit of turning off the lights every time you leave and you will save money on your electric bill each month.

One exception is HID (high intensity discharge) lights like metal halide and high pressure sodium lights. HID lights should not be turned off for only a few minutes since they have a restart time of up to 15 minutes to reach full brightness.

An excellent replacement option for HID lamps in areas such as streetlights and some indoor high bays are the induction lamps. Induction lamps are a type of fluorescent and have been around for a long time. Nikola Tesla was awarded a patent on the technology in the 1890s. Most induction lamps are rated at about 100,000 hours with a 10-year warranty along with reduced energy consumption and no restart delay, all for the same or better light output.

Sixty years ago, leaving the lights on continuously may have been a good thing to do. However, things have changed a lot since then. Fluorescent lamps are vastly improved, and electricity is several times more expensive. Plus, fluorescents are used in more locations than ever before. If you want to save money on electricity and lamp replacement, turn them off when not needed. This same philosophy can be applied to computers.

*(Garrison's Energy Management Office release)*

# Steam energy carries heat to Arsenal



Photo by Kari Hawkins

**Operator Travis Daigle is a Covanta Energy employee who operates the claw that mixes and lifts household garbage as it enters the waste-to-energy process at Huntsville's steam plant. The steam generated from household garbage is used to heat and cool Redstone Arsenal buildings.**

*Longtime partnership provides recycling for city, Arsenal waste*

**By KARI HAWKINS**

Assistant editor

kari.hawkins@us.army.mil

High-tech energy often begins with low-tech input.

That's the case for the unique waste-to-energy facility that provides steam to Redstone Arsenal to heat and cool its buildings. Huntsville's steam plant, owned by the city's Solid Waste Disposal Authority, relies on vary basic input – municipal solid waste, also known as household garbage – to manufacture energy that travels in the form of steam through seven miles of export line to the Arsenal.

“In 1990, when this steam plant opened, it was leading edge technology. It still is leading edge today. There are not a lot of these facilities in the country,” John “Doc” Holladay, executive director of the Solid Waste Disposal Authority, said.

The Huntsville steam plant is one of 90 in the U.S. It is the only waste-to-

energy steam facility in Alabama. Built and operated in its early years by Ogden Martin Industries, it is now managed and operated on behalf of the city by about 40 employees of Covanta Energy.

In the late 1980s, the waste-to-energy steam plant satisfied significant needs for both Huntsville and Redstone Arsenal that still exist today.

“The landfill was filling up and the city was running out of disposal capacity. At the same time that Huntsville was looking for alternative disposal technologies to free up landfill space, Redstone's old coal-fired steam plant needed to be updated or completely rebuilt,” Holladay recalled.

“Redstone and Huntsville partnered up to make things happen, and an agreement was reached for Huntsville to supply Redstone with steam energy for the next 25 years.”

A waste-to-energy steam plant was a solution to Huntsville's landfill issues and was a steam energy solution for Redstone. As part of the agreement, Redstone transports up to 50 tons of waste each day to the steam plant to be turned into steam energy. In addition,

**See Steam on page 25**

# Natural gas an alternative clean power solution

## *Benefits of natural gas greater than electric*

By **MEGAN COTTON**

*For the Rocket*

What is efficient, clean burning, safe and produced in the United States? Answer: natural gas. That is exactly what Redstone is using to help with its energy bills.

"Gas is typically preferred over electric or steam when it is available nearby," Patrick Holmes, quality assurance engineer in the Energy Management Office for the Garrison, said. "Here at Redstone the primary use of natural gas is for heating and boiler fuel. It is also used to power some emergency generators during electrical outages.

"Natural gas is available at most areas on post. The majority of the gas used is from Martin Road to the north of the base. Gas is also available down Patton Road and east to a few areas along Redstone Road."

According to Holmes, natural gas is transported throughout Redstone and the United States through an interstate system of underground pipes.

"The gas is pressurized anywhere between 200 and 1500 psi (pounds per square inch) for transport and then reduced at the point of use," he said. "About 90 percent of the natural gas consumed in the U.S. is produced domestically."

The advantages of natural gas can outweigh the advantages of using electric

or steam energy.

"Using electricity for heat adds to the electric demand and there is a charge for that," Holmes said. "Steam has been used for heating for many years but the distance it needs to travel to the point of use lowers the efficiency, estimated 35 percent in distribution losses due to pipe length.

"In other words about 35 percent of the steam's energy is lost due to radiation before it makes it to the building. There is about to begin a second steam pruning project with TVA in the 5600 area to replace steam with gas heat on some outlying buildings."

Along with the advantages, natural gas is cheaper than electric or steam.

"Currently natural gas is about one-third the cost of steam and about one-fourth the cost of electricity on a Btu to Btu (British thermal units) comparison basis," Holmes said.

Although it is the cleanest of all the fossil fuels, the combustion of natural gas releases greenhouse gases. Another disadvantage of it is the supply. There is only about 100 years worth left in the U.S. It can also be difficult to get permission to bury the pipelines needed.

"Even though it is less expensive than other fuels we still need to conserve as much as possible," Holmes said.

He reminds everyone to keep thermostats at the recommended set points during the heating season, 72 degrees Fahrenheit during occupied times and 55 F during off times for office facilities.

For more information on natural gas, visit [www.naturalgas.org](http://www.naturalgas.org).



# Longtime electrical engineer stays current on conservation



Photo by Amy Guckeen Tolson

**Arthur Barnette, an electrical engineer for Chugach, holds one of the many types of compact fluorescent bulbs used to conserve energy. Throughout his nearly 48-year career on the Arsenal, Barnette has observed many changes in energy use and conservation.**

**By AMY GUCKEEN TOLSON**

Staff writer

[amy.tolson@theredstonerocket.com](mailto:amy.tolson@theredstonerocket.com)

When it comes to Redstone Arsenal's energy, no one knows its history quite like Arthur Barnette.

For nearly 48 years, Barnette, an electrical engineer for Chugach, has made it his job to know exactly how much energy the Arsenal is using, and how to control the power to serve the Arsenal best. Barnette remembers the days when a power outage would mean crews would have to go out to find what was wrong, and if no one called in the outage, it could go undetected. Today the power is controlled and monitored from a computer that Barnette can easily check for problems, and monitor areas that can better be controlled to aid in energy conservation. For the 80-year-old who serves as much as a resident historian as he does an engineer, control is key to conservation.

"When you're talking about energy conservation, sometimes you're not talking so much as conserving it, as appropriately controlling it," Barnette said. "You can appropriately control it and wind up conserving it."

SCADA – Supervisory Control and Data Acquisition – controls and monitors the electrical distribution system at Redstone Arsenal, which helps Barnette and co-workers make decisions to help manage and conserve the power on post. Part of that control includes at times turning off transformers at some of the more than 20 substations across the Arsenal when the load is small enough to be taken care of by one transformer. Simply turning on a transformer can consume as much energy as one's home, Barnette said, making it simple math to keep transformers off when the load allows for it.

"It's simple energy conservation," Barnette said. "Don't turn it on, don't use energy. If it doesn't have load on it, all it's doing is heating the birds. If you don't run it, it saves money."

**See Engineer on page 24**

# Arsenal builds up to energy savings

*Environmental standards included in construction*

By KARI HAWKINS

Assistant editor

kari.hawkins@us.army.mil

Redstone Arsenal is showing its “green.”

New buildings built along Patton Road and Martin Road and out toward the Redstone Airfield are impressive showcases of what results when the Arsenal follows the aggressive standards for energy conservation set by the Department of the Army.

Many of those standards – such as bike racks for employees who opt for bicycle transportation, solar-powered parking lot lights, and parking lots that are divided up with grassy islands that include shade trees to reduce asphalt heat emissions – are evident to Arsenal employees. Even site locations – such as the choice to build new facilities on underutilized land located in developed areas – are visible signs of the Arsenal’s commitment to lessen the impact new construction has on the environment.

But construction standards for energy conservation go much deeper to include building systems, construction materials, equipment usage and other architectural engineering elements that affect energy efficiency as the Army mandates that new buildings meet the requirements to become certified as Leadership in Energy and Environmental Design facilities. LEED is an internationally recognized green building certification system adopted by the Army to use resources more efficiently and provide healthier work environments.

The effect LEED has on Army facilities is most evident at installations such as Redstone Arsenal, where new buildings and major renovations create opportunities to go green.

“Generally, a building that makes less of an environmental impact and is more energy efficient and water efficient, and is efficient in terms of a nice place to work and a place that is easy to get to will eventually lower costs,” said Bryan Merry, a mechanical engineer for the North Regional Area Office for the Mobile District of the Corps of Engineers.

“And, as an added plus, when you create an environment where people are more comfortable, you get higher productivity.”

Merry works with Arsenal contractors to ensure that all new buildings and major renovation projects meet the LEED standards as required by the Army.

“The requirements to go green came from a number of Army documents starting all the way from Army headquarters,” he said.

“Going green” is not a new initiative within the Army. In 2001, the Army began requiring that new buildings achieve its Spirit conservation rating. But that was an internal program and the Army moved toward using the industry-wide, third-party LEED conservation standards in 2008.

“Spirit was Army driven with the Army deciding all the requirements,” Merry said. “But LEED is an industry standard. We want to be more like general industry in our processes. LEED is a national standard for both commercial and government buildings.”

The Environmental Policy Act of 2005 required that all new federal buildings would be 30 percent more efficient than the energy standards set by the American Society of Heating, Refrigeration and Air Conditioning Engineers 90.1.

“Each agency is saying ‘OK, what do we have to do to beat the requirements?’ Since 2005, contractors have had to meet the 30 percent efficiency standard,” Merry said. “LEED is a follow on to that. Now, we are striving to use 40 percent less energy. That is a definable cost savings that we should be doing anyway with or without LEED.”

In October 2010, the Army provided a Sustainable Design and Development Policy Update that required all new buildings to be LEED certifiable. Certification requires following conservation requirements set by the U.S. Green Building Council and outlined in the Green Building Design and Construction Reference Manual. New buildings must earn 40 to 49 points to be LEED certified. Beyond that basis, they can become LEED certified at the silver level with



Photo by Kari Hawkins

**Bryan Merry of the Corps of Engineers often refers to the conservation requirements set by the U.S. Green Building Council and outlined in the Green Building Design and Construction Reference Manual when working with contractors who are building Leadership in Energy and Environmental Design facilities on Redstone.**

50 to 59 points, at the gold level with 60 to 79 points, and at the platinum level with 80 or more points based on the types of conservation that is implemented on a construction project.

“The Army said we were going to follow the requirements of LEED but we weren’t going to get buildings certified,” Merry said of that 2010 update. “But we decided here that we are going to go ahead and get the buildings certified. We not only want to build in accordance with LEED but we also want to be able to achieve the level of silver certification.”

To date, six new Army facilities at Redstone are LEED certifiable – the Army Materiel Command Band facility, Army Materiel Command/Security Assistance Command headquarters, System Software Engineering Annex at the Software Engineering Directorate/Aviation and Missile Research Development and Engineering Center, Von Braun III (Missile Defense Agency), and Redstone Test Center’s headquarters and rotary wing hangar.

Of those, the AMC/USASAC headquarters achieved LEED certification at the silver level in August. All other facilities are in the process of being LEED certified. In addition, the contractor of the AMC Band facility is working toward a gold LEED certification.

Working to actually achieve LEED certification put Redstone a step ahead of the Army, which, in January 2011, mandated through an Engineering and Construction Bulletin that all new buildings beginning in fiscal 2013 must be LEED certified at the silver level and all major renovations will require LEED certification.

“Every building the Corps builds from now on that is on Army property will be silver certified,” Merry said. “The Army is the first agency to require LEED certification and it comes from several laws that generally require the federal government to reduce energy consumption to be more green.”

**See Construction on page 24**

# Energy conservation project should save \$2M annually

Redstone purchases a large portion of steam from the City of Huntsville Solid Waste Disposal Authority. A steam pruning project is under way in select buildings using purchased steam.

This project is a continuation of the TVA UESC project that was completed last year in the building 3500, 3600, and 3700 areas. Affected buildings will be removed from the purchased steam system with the steam heat being replaced by natural gas. Other upgrades include new interior lighting, new heating and cooling equipment, HVAC controls and additional insulation where it is life cycle cost effective.

The second phase of the project will save the Army approximately \$2 million annually with the savings paying for the installed cost of the project. There is no upfront cost to the government. After the project is paid for, the full savings will go to the Army.

Construction is about to begin in the building 5600 area and part of the 5400 area on the second portion of this steam reduction project with TVA.

The buildings included in this project include: 112, 5405, 5487, 5495, 5663, 5673, 5688, 4381, 5410, 5489, 5540, 5664, 5678, 4496, 5411, 5491, 5642, 5668, 5681, 4505, 5412, 5493, 5661, 5669, 5683, 5250, 5414, 5494, 5662, 5671 and 5687.

All these buildings will not receive each one of the aforementioned upgrades; it will depend on the type and age of the equipment or if a recent renovation has been completed, again only where it is life cycle cost effective. Some will only receive minor upgrades. If you work in one of the listed buildings, please be patient over the next few months as the new equipment and

systems are installed and calibrated.

Along with the new equipment will be a remote energy monitoring system to allow for energy use trending and reporting as well as equipment troubleshooting. With the monitoring system, base maintenance will have the ability to initially diagnose hot and cold temperature calls remotely before sending out a repairman. This system will give better control of the buildings and will be used to maintain the room temperature setpoints mandated in the Army Regulation 420-1, Section 22-12, quoted as follows:

“During the heating season, temperatures in occupied facilities will be maintained in the range of 72 degrees Fahrenheit plus or minus 2 degrees Fahrenheit during working hours and heating setback temperatures during unoccupied times shall be set at 55 degrees Fahrenheit plus

or minus 5 degrees Fahrenheit. Temperatures in warehouses and similar active working spaces, like maintenance bays, will be at 60 degrees Fahrenheit plus or minus 5 degrees Fahrenheit during occupancy and 45 degrees Fahrenheit plus or minus 5 degrees Fahrenheit during unoccupied periods. Warehouses will not be heated if they are usually devoid of human activity and if freezing and condensation are not issues. Whenever mechanical cooling is authorized, cooling season temperatures for occupied working and living spaces shall be maintained in the range 74 degrees Fahrenheit plus or minus 2 degrees Fahrenheit. Cooling set-up temperatures during unoccupied times shall be set at 85 degrees Fahrenheit plus or minus 5 degrees Fahrenheit.” (*Garrison's Energy Management Office release*)



## Construction

continued from page 22

To achieve LEED certification, contractors can choose from hundreds of standards detailed in the Green Building Design and Construction Reference Manual from which they gain points that, when totaled, confirm if a building can be LEED certified and at which level. For Army facilities, the Corps of Engineers has said that LEED silver certified buildings will gain at least 40 percent of those points from areas that contribute to energy and water conservation and that include points pertaining to sustainable sites, water efficiency, energy and atmosphere, materials and resources, and indoor environmental quality.

"The categories that are important to the Corps involve energy efficiency, water efficiency and general environmental stewardship. Within each category, there are prerequisites that the building has to meet to get certified. Then, after that, points are earned and how many points that accumulate over the requirement determine what level of certification," Merry said.

"For example, a water efficiency credit of one point can be given if the contractor limits or eliminates the use of potable (drinking) water for landscaping. To do this, they would choose plants and grass that don't need to be irrigated. This lessens the amount of electricity that would be used to water those plants and also meets the federal goal of water usage efficiency."

Another example, in the area of construction materials, states that a contractor can achieve one point for recycling or reusing 50 percent of construction waste and two points for recycling or reusing 75 percent of the waste. And if a contractor chooses a regional materials credit, they can get a point for buying 10 percent of build-

ing materials from a source within 500 miles of the construction site and two points if that amount of materials reached 20 percent.

In yet another example, in the area of energy performance, the Army requires 40 percent reduction, which will gain 15 points toward LEED certification. But if the contractor achieves a 48 percent reduction then 19 points are awarded toward LEED certification.

Before new construction on Redstone begins, the Corps of Engineers reviews the contractor's plans of what LEED points they will try to achieve in the construction of a building.

"One choice might be to build a building with a green roof (covered with plants and trees). But base management probably doesn't want to maintain a green roof. So, I am the go-between between the maintenance needs of the base, what the contractor wants to do to earn points and what the Corps of Engineers wants to see in the buildings based on Army requirements," Merry said.

The Corps also monitors the requirements and keeps records of LEED efforts at the construction site.

"For the materials recycling credit, we have to keep records of how much is recycled and how much is taken to the landfill. For an energy reduction credit, there has to be an analysis of the system and what it's saving," Merry said. "We have to be able to verify everything."

Initiatives to reach LEED certification for Redstone's recent construction projects included some innovative ideas.

"It's almost like a game because you have these points and you have to choose how you will earn those points. Sometimes contractors get pretty creative in how they earn points. It's interesting to see their different approaches," Merry said.

For instance, at the System Software Engineering Annex Phase 3, an energy recovery ventilation system

was installed to recover energy from the restroom and general building exhausts and to transfer it to the fresh outside air being used for ventilation. The NASA 4602 laboratory facility also utilizes this type of system on a much larger scale with three energy recovery wheels that are more than 10 feet in diameter.

USASAC headquarters building received its highest points in the areas of indoor environmental air quality, and energy and atmosphere related to the lighting that is being used in the buildings.

Merry said LEED certification is the standard for all future new buildings and new construction on Redstone.

***"The categories that are important to the Corps involve energy efficiency, water efficiency and general environmental stewardship. Within each category, there are prerequisites that the building has to meet to get certified. Then, after that, points are earned and how many points that accumulate over the requirement determine what level of certification."***

**Bryan Merry**

Mechanical engineer  
North Regional Area Office,  
Mobile District of the Corps of Engineers

In another example, the AMC Band facility was built with a building envelope air barrier that greatly reduces outside air infiltration, lowering the energy use that is attributed to conditioning unwanted outside air. This barrier was tested with a blower door fan pressurization system and was shown to leak less than 0.10 cubic feet per minute of air per square foot of building envelope at a certain level of pressurization. The Army goal at the time of the test was to leak less than 0.25 cubic feet per minute.

In yet another example, all new Arsenal facilities are equipped with energy efficient light fixtures that distribute light more effectively to reduce the amount of energy used for lighting, and to, subsequently, reduce the load on the heating and air conditioning system. In the LEED certification process, the AMC/

"Von Braun IV will be a LEED silver certified building. So, too, will be Department of Justice buildings that will be built on Redstone," Merry said. "The Corps of Engineers is even recommending that bases extend LEED requirements to enhanced use lease areas."

"Energy efficiencies keep going up. First we had to beat the standard by 30 percent. Now it is 40 percent. Next, requirements will call for fossil fuel usage and onsite energy products like solar panels and geo-thermal heat pump systems. In the next 10 years we will see buildings partially fueled by onsite power sources and rain water collection systems used for waste disposal. This is a movement in the Army that will continue as we work toward more energy and water efficiencies, and lessening our environmental impact."

## Engineer

continued from page 21

The greatest change in energy conservation Barnette has seen since he began working on the Arsenal in 1964 has come on the electrical side's decision to go high voltage, he said, from 4,160 volts to 12,000 volts. Working closely with the Army Corps of Engineers, work has been done to bring substations across the Arsenal up to speed in energy conservation, with the purchase of energy efficient transformers. Smaller than previous transformers, the new ones can meet three to five times the demand as the old ones.

"When you go to the higher voltage, you use less current," Barnette said. "If you lose less current, you have less losses."

Despite an increase in buildings across post, the use of electricity has not in-

creased by much, according to Barnette, indicating that energy conservation is working.

"From what I can see in looking at the loads, with all the added buildings in here, the load hasn't gone up that much," Barnette said. "That means energy conservation has helped. We're doing better."

The future strides in energy conservation will come from the lighting industry, Barnette predicts, as new lighting fixtures, such as the varieties of compact fluorescent bulbs, are developed and used in the workplace, where a new 9-watt bulb can produce the same amount of light as a 65-watt bulb.

"There will be newer and better sources of energy," Barnette said. "We need to have better and more efficient systems. And they're working on it."

Still, the number one method of conservation for Barnette remains relatively simple.

"Off is off," Barnette said. "When you turn it off, you save money."

# Steam

continued from page 19

the charges Redstone pays for that steam energy are used by the Solid Waste Disposal Authority to pay for operating the steam plant and to invest in steam plant improvements.

In July 1990, the waste-to-energy steam plant began supplying steam energy to Redstone. The steam plant, located on 20.5 acres on the northeast side of the Arsenal along Triana Boulevard, is designed to process up to 690 tons per day of municipal solid waste, commercial waste and limited amounts of dried sewage sludge to provide a consistent source of 400,000 pounds of steam energy per hour to Redstone.

"All garbage in Huntsville and Madison County – including Madison city – is delivered here," Holladay said. "To make something like this successful, you have to have two things – a consistent source of fuel and an energy customer."

In its early years, the waste-to-energy steam plant accepted both municipal waste, and construction and demolition debris from its customers. But that mix has changed over the years.

"Construction and demolition debris has a high energy content," Holladay said. "But because the amount of household waste kept growing, we had to start taking construction and demolition debris back to the landfill."

**O**n Redstone, big consumers of steam energy include NASA's Marshall Space Flight Center, the Sparkman Center, the Aviation and Missile Research Development and Engineering Center, the Von Braun Complex and, most recently, the Army Materiel Command/Security Assistance Command headquarters.

"We are working to concentrate our steam customers along Martin Road," Mark Smith, the Garrison's energy manager, said. "We want to use this renewable energy as efficiently as we can. Because of energy loss in our steam lines, we are pruning off some lines that aren't in a concentrated area. We are trying to maximize efficiency using steam energy."

While steam energy usage grows along the Martin Road corridor, some lines have been eliminated in the northeastern section of the Arsenal near the motor pool and in the old schoolhouse area near Gate 10.

At the same time, some new buildings, such as those located at the Von Braun Complex, are using a combination of steam energy and gas to heat and electricity to cool because of efficiencies.

"The bottom line is we want to use energy that is most efficient and cost effective for us," Smith said. "Our energy has to be more cost effective and at a cost the

Garrison is willing to pay."

Redstone is only one of a few Army installations that use steam as energy, Smith said. He knew of only one other installation – Aberdeen Proving Ground, Md. – that uses steam energy today.

"It is pretty rare in the Army," he said. "(During the World War II era) we started using steam energy because we were in munitions production and steam energy was a safe way of heating that wasn't explosive. We are not in munitions production anymore, but we continued to use that system of heating."

**I**n those days, the Arsenal's steam energy was produced from coal. In 1990, Huntsville's waste-to-energy steam plant replaced two of the Arsenal's coal-fired steam plants.

"But we produce our own steam still from remote locations," Smith said. "We have nine or so boiler plants fueled by natural gas or fuel sources. We still have loss in distribution. But it's not cost effective to change because gas prices are so cheap. Cost is an issue. So, too, is energy reduction and energy efficiency. We want to manage our own resources and do it smartly."

For Chris Spence, chief engineer for Covanta Energy, the waste-to-energy steam plant has a lot of untapped potential.

"About 70 percent of manufacturing processes in the country use steam as a primary source of energy," he said. "Of the 90 steam plants in the U.S., Covanta manages 41. There are a lot more waste-to-steam plants in Europe."

For many communities, the high cost of building a waste-to-energy steam plant must be weighed against the more traditional use of landfills for waste disposal.

Understanding the waste-to-energy steam plant is popular fodder in Madison County for school-age children who often go on field trips to the plant. The entire process – from the garbage trucks arriving at the tipping area to dump refuse into the waste storage area to the giant claw that mixes and grabs trash to send through the steam process system to the end product of steam for the Arsenal and ash for use in the landfill – makes for some good classroom discussions pertaining to environmental science issues.

In the waste storage area, the plant's claw mixes the waste to ensure a consistent energy source is fed into the chutes that travel to the burners.

"Coal, fuel and natural gas are very consistent for heating. Trash is not. What's wet, what's dry, what burns well and what does not burn so well all affect the consistency of trash as an energy source for heating buildings," Holladay said. "If you mix that trash correctly, then you will get heat release that is consistent."

The claw is much like a crane, picking up the waste and dumping it into chutes. The waste travels onto the grates of two mass-burn furnaces where temperatures

exceed 2,000 degrees Fahrenheit.

The incineration process cuts waste volumes by 90 percent, reducing the waste of one fully loaded residential garbage truck into ash that can fit into a wheelbarrow. The steam created by the incineration process is shipped through seven miles of pipeline to the Arsenal while ash remaining from the combustion process is transported to the landfill where 14.5 tons of ferrous metals and 1 ton of non-ferrous metals are removed and recycled daily.

"We use the ash to cover garbage," Spence said. "Alabama regulations require the coverage of all municipal solid waste every day. As opposed to using dirt or some other synthetic material to cover waste, we use the steam plant's ash."

Because of the waste-to-energy steam plant, the amount of waste being transported to the city's landfill located just south of Airport Road is now mostly construction and demolition material, reducing the amount going in the landfill by 75 percent in weight and 90 percent in volume. In addition, the absence of household waste also means there is no production of methane gas, which is an issue at waste-filled landfills.

The last remaining elements of the process – the acid gases resulting from the waste combustion – are neutralized in a dry flue gas scrubber. Any particulate matter is captured by a fabric filter baghouse.

"Our air pollution equipment exceeds what our permit requires," Spence said. Reports indicate that in most all categories the steam plant produces about 90 percent less than the allowable air pollutants.

**H**olladay said the Solid Waste Disposal Authority is considering expansion of the steam plant to better accommodate the growing need for waste disposal.

"We are right at the time when we need to be looking at the expansion of the plant," he said. "We could add a new boiler and provide more steam. But we need to have a manufacturing operation nearby that needs steam to make that feasible. The other option would be to generate electricity from waste."

Existing boilers at the steam plant produce steam at a temperature and pressure that is far less than the higher temperature and pressure needed to produce electricity.

"We need to establish what our real need is," Holladay said. "The issues of energy resiliency – the need for energy backups and how quickly energy can be resumed once a source has been lost – and distributive energy – the need to generate energy close to where it is used – are two things we need to consider for our future investments. As we increase the demand for electricity, there is a growing demand for having resiliency and energy



Photo by Kari Hawkins

**John "Doc" Holladay, executive director of the Solid Waste Disposal Authority, and Chris Spence, chief engineer for Covanta Energy, are part of the 40-employee team that manages and operates Huntsville's waste-to-energy steam plant. The plant is a seven-days-a-week, 24-hours-a-day operation that converts household waste into steam energy.**

sources that are close to the demand."

Smith said the Arsenal would consider being a customer of electricity from the steam plant as long as it is cost effective. In the Army's move to make installations Net Zero, meaning they produce as much energy as they use, new alternatives to energy from the steam plant would gain the Arsenal credit toward a Net Zero status, he said.

Holladay would like to see the steam plant grow into an operation that co-locates the production of steam and electricity for energy usage on the Arsenal.

"There is more potential for us to be more efficient," he said. "We've been blessed with the collaboration we've had with the Garrison commanders at Redstone. This is probably the closest thing this community has to a true partnership between the city and county, and the federal installation.

"Redstone is important to our future growth. This steam plant has done everything we've asked it to do. Now, we need to start looking at where we go from here for the future."

## SoldierStory

# Soldier runs in memory of battle buddy

*Aviation officer does marathons for friend*

By KARI HAWKINS  
Assistant editor  
kari.hawkins@us.army.mil

From the outside looking in, Lt. Col. Greg Fortier seems like any other determined runner on track to make a good time in completing yet another marathon.

But with every marathon he has run, Fortier carries with him the memory of a fallen Soldier whose own desire to finish 50 marathons keeps Fortier running.

In the summer of 2002, Fortier, now commander of the Aviation Flight Test Directorate, Redstone Test Center, was assigned to the 1st Squadron, 17th Cavalry Regiment, 82nd Airborne Division at Fort Bragg, N.C. A Kiowa helicopter pilot, Fortier soon became friends with fellow pilot Chief Warrant Officer 4 Matt Lourey.

"It was a unique time because the war in Afghanistan was still very new to everyone and we all wanted to be there," Fortier recalled. "The 82nd Aviation Brigade had Soldiers deploying and there was a lot of uncertainty as to whether we would or not. We all wanted to deploy, but Matt really, really wanted to deploy. He wanted to go to Afghanistan. We all did."

In December 2002, a group of Soldiers within the squadron, including Fortier, did deploy to Afghanistan. Nine months later, Fortier returned and Lourey was deployed to Iraq. After

Lourey's return, circumstances caused the two friends to again deploy. On this deployment, they went together to Iraq.

"Matt had completed a very successful combat tour in Iraq. He was geographically removed from his wife for years, who was also serving in Washington, D.C.," Fortier said.

"He came back in April 2004 and he had orders in hand to serve at Davison Army Airfield at Fort Belvoir (Va.). He was making plans to spend time with his wife and finish out the last few years of his career. When he learned that we were deploying again in the fall of 2004, he gave it all up without hesitation, and chose to deploy with us."

Lourey was 40 years old when, on May 26, 2005, his Kiowa Warrior helicopter came under small arms attack in Buhriz, Iraq, and crashed, killing both Lourey and his co-pilot, Chief Warrant Officer 2 Joshua Scott.

"It was a normal nighttime aerial reconnaissance mission. Troops on the ground had taken contact from the enemy and Lourey was the first responding to the fight. He and his wing man charged in to the sound of shots and his helicopter was soon shot down over a palm grove," Fortier said.

Fortier was working a night mission in Mozul, Iraq, at the time, a two-hour helicopter flight away from where his friend had crashed.

"We had just finished our mission and were winding down when we got the call that we had an aircraft down," Fortier said.

In the ensuing weeks, Fortier thought a lot about his friend. He remembered visiting his home in North Carolina, where Lourey had a coat rack covered in race medals.

"When I knew him, he was a 145-pound runner. At one time, before he was in running shape, he decided he wanted to do 50 marathons before his 50th birthday. He had done 39 marathons and there was no doubt that he would have completed that goal," Fortier said.

"He and I had a lot of conversations about serving, about going into combat, about doing the mission. He was an admirable Soldier, an absolute patriot."

During a memorial for Lourey in Iraq in June, Fortier knelt next to his friend's helmet, rifle and boots, and made his own commitment.

"I had run a few marathons, but I was not a big marathon runner. I decided



Photo by Kari Hawkins

**Lt. Col. Greg Fortier, commander of the Aviation Flight Test Directorate, stands in his office with his command guidon for Bravo Troop of the 1-17th Cavalry Regiment, 82nd Airborne Division, in the background. Fortier was serving on a deployment in Iraq with the 1-17th when friend Chief Warrant Officer 4 Matt Lourey's Kiowa helicopter was shot down in Buhriz, Iraq. Lourey and his co-pilot were killed.**

right then that I would pick up those last 11 marathons and finish them for him," he said. "The best way I could keep his honor alive and his memory alive was to stay connected to him in this way."

Throughout the deployment, Fortier's squadron came under at least 36 direct enemy attacks.

"Our squadron was highly decorated," said Fortier, who was the troop commander. "We provided 24-hour coverage in an area the size of West Virginia. An aviator's week was six days flying and one day off with missions lasting four to six hours. Flying in and around the cities was always the most difficult. The city of

**See Runner on page 31**



Courtesy photo

**The Disney World Marathon in January 2006 was the first marathon Lt. Col. Greg Fortier ran in honor of his friend Chief Warrant Officer 4 Matt Lourey.**

Photo by Skip Vaughn

## International sendoff

**Brig. Gen. Hesham Ismail, Egyptian aviation liaison officer for AMCOM's Security Assistance Management Directorate, receives a memento Friday from SAMD director Jeff Young. Ismail, an Apache helicopter pilot, is returning to Egypt after a year at Redstone.**



# Community takes stand for homeless veterans

*Operation Stand Down gives weekend of help*

By **AMY GUCKEEN TOLSON**

Staff writer  
amy.tolson@theredstonerocket.com

They came for a hot meal, a warm bed and a chance to get off the streets, but more importantly, they came for a new lease on life.

"These men and women have served our country loyally for so many years," Dan Hamrick, spokesman for Operation Stand Down Huntsville, said. "We've got people of all ages, from young people all the way up to senior citizens, and they honestly feel that their country has forgotten them. They were willing to give all for their country, and now they feel their country has left them behind. It's just not right. It's just not right. The reason we are able to enjoy the freedoms we have here is because these men and women were willing to make the ultimate sacrifice. We could at least help them get a home."

Homeless veterans came out for the fifth annual Operation Stand Down Huntsville at Joe Davis Stadium this past weekend. For three days the men and women that had so bravely fought for their country, but have fallen on hard times, were shown the support of the community, and given the opportunity to connect with resources to help them get back on their feet. Medical and dental care offered by the VA, free legal advice, job assistance through Still Serving Veterans, counseling, information about HUD-VASH, and free haircuts from Virginia College were just part of a wide array of agencies and vendors that were there to help, in addition to hot meals, entertainment and a place to sleep.

Artrice Chaptman, 57, proudly served his country as a member of the Marine Corps. But decades after taking off the uniform, he has fallen on hard times with the loss of his truck driving job years ago that he has not been able to recover from, and the death of his father this year that has left him with a stack of bills and legal matters to sort through. More than anything, he wants to get into his own home and back to work. But the opportunities simply are not available to many veterans in his situation, Chaptman said. The resources available at the Stand Down, including free legal aid and job assistance, were there to help veterans see the light at the end of what can be a very frustrating tunnel.

"There's a lot of people out there that know how to do a lot of stuff," Chaptman said. "I know people that are mechanical geniuses, these guys can do things. They

could work if they could get the opportunity to work. I'm ready to go back to work. I'm ready."

Approximately 186 veterans in the area have fallen on hard times and are homeless, according to Hamrick; 107 came for the Stand Down. And while they may not know where they will lay their head to sleep on any given night, this weekend was a reminder to the homeless veteran community that as long as they're in the Tennessee Valley, they are not alone.

"Our goal this weekend is to make these men and women feel like they should be feeling, respected members of the community and members of society," Hamrick said.

During the three-day weekend, some 400 volunteers showed their support by serving meals, handing out toiletries, pillows and clothes, and just listening to the veterans' stories. The American Legion Post 237, commanded by Billy Heatherly, dropped off several hundred pounds of toiletries, kerosene stoves, coats, shirts, gloves and other essentials for the veterans Saturday morning.

"To see us give a leg up to veterans, it is important, to say that they are still important in our lives," said Norma Ziegler, a volunteer with the American Red Cross, who helped hand out bags of towels, soap, toothbrushes and other toiletries. "You can't just walk away."

That is exactly why Operation Stand Down Huntsville, part of a nationwide movement, has become a year-round outreach in Huntsville. Veterans are able to stop by the organization's office off University Drive from 8 a.m. to 2 p.m. Monday through Saturday for clothing and food, and can also call 1-866-242-1790, to reach someone from the organization 24/7, as other needs arise.

"This is a military community, so they definitely care about their veterans," Chaptman said. "In another community where there's no bases, you might get a different response."

Operation Stand Down would like to extend a special thank you to Domino's, Hardee's, Kroger, Lawlers Barbecue, Sierra Toyota, Woody Anderson Ford, Carrabba's and Madison RV for their donations throughout the weekend. For more information about Operation Stand Down Huntsville, visit [www.operationstanddownhuntsville.org](http://www.operationstanddownhuntsville.org).

Photo by Ellen Hudson

**Artrice Chaptman, a veteran of the Marine Corps, visits with fellow veterans at Operation Stand Down Huntsville.**



Photo by Ellen Hudson

**Virginia College student Karen Maloney gives a free haircut to veteran Eddie Robins.**



Photo by Ellen Hudson

**Edward Morfenski, a volunteer from American Legion Post 237, hands out hot dogs, part of Friday's lunch at Operation Stand Down Huntsville.**

# 'Involved in something that is good'

*Madison youths learn leadership in newly formed Young Marines*

By **KARI HAWKINS**  
Assistant editor  
kari.hawkins@us.army.mil

Noah Jones is wearing a military uniform these days.

Granted, it's only kid size and he only wears it on Saturdays or at special events. But it fits just right – and might be a uniform he will someday wear as a grownup.

At 10 years old, Pvt. Noah Jones is one of the younger members of the newly formed Madison Alabama Young Marines, a community-based group led by adult volunteers associated with the Marines who want to teach the values of discipline, leadership and teamwork along with a healthy, drug-free lifestyle. Noah and his mom, Amy Delarosa, a logistics management specialist with AMCOM's Integrated Materiel Management Center, became active with Madison Alabama Young Marines just a few months ago.

"His cousin (15-year-old Cameron Smith) recruited Noah. We noticed that on his own, Cameron was doing physical training, he had more respect for other people and he was getting involved in the community. That's something I want for my son to do, too," said Delarosa, who volunteers with the group.

"This group teaches them structure and discipline, and gets them involved in the community. It teaches them about drug awareness, hygiene, taking care of themselves, respect for elders and other values that I want to see in my son."

Noah, a quiet guy who likes to play videogames, wasn't so sure about Madison Alabama Young Marines at first. A weeklong boot camp in early August was pretty tough, and, when the group meets at 8 a.m. on Saturday mornings, physical training is always a part of the agenda.

"We have to learn about the military rankings and how to stand correctly, and how to march," Noah said. "We have to learn about the Marine obligation, the Young Marine Creed, and discipline and respect.

"They made boot camp really hard. We had to be there at 7 a.m. every day for a whole week, and we had to run, and do sit-ups and pushups."

But then there are the fun things – like fishing, car wash fundraisers, marching in the Madison Street Festival and just hanging out with a good group of guys that includes his cousin and his half-brother.

"It's something new that I like," Noah said.

And then there is an upcoming trip to Washington, D.C., by invitation from the organization's national headquarters. The group will celebrate Veterans Day activities in D.C. and follow a jam-packed schedule that includes attending the 14th annual Veterans Conference, meeting with the five remaining Doolittle Raiders, laying a wreath at the Tomb of the Unknown Soldier, visiting U.S. Rep. Mo Brooks and touring Arlington Cemetery.

More than 15 boys ranging in age from 8 to 18 are members of the Madison Alabama Young Marines, which is led by Madison Police Officer Nathan Beard, a retired Marine military police officer who is the group's unit commander; and Madison Police Officer Bill Watson, also a retired Marine military police officer.

At one time, its members were associated with the North Alabama Young Marines, which meets at the Marine Reserve Office in Huntsville. But the growth in the number of members from Madison made it more feasible to start a group that meets at the Madison Police Station at city hall on Hughes Road.

"A bunch of us parents wanted to bring it closer to where we live," Delarosa said.

Delarosa has seen a difference in her son in the few months he's been in the group. He has learned about self-control, and has been better about not talking out of turn, listening to his teachers and not being silly when waiting in line, his mom said.

"He is taking more responsibility for himself," Delarosa said. "Instead of telling him he needs a haircut, he is now letting me know when he thinks his hair should be cut. I am proud of him. He is involved in something that is good."

Noah's younger brother, 6-year-old Isaiah, can't wait to be old enough to join his brother in Madison Alabama Young Marines.

"Boys and girls are welcome in the group," Delarosa said. "But this isn't a recruiting organization. They are



Photo by Kari Hawkins  
**Young Marines Pvt. Noah Jones is proud of selling 15 flag yard signs as a fundraiser for the Madison Alabama Young Marines' trip to Washington, D.C.**

teaching values. They aren't doing this to recruit future Marines. I do hope, though, that Noah will be in JROTC in high school."

On his uniform, Noah already has earned his first ribbon – for completing boot camp. Soon he will have a second ribbon for learning CPR and a third for participating in the group's yard sign fund-raiser.

"I want to fill up this whole side with ribbons," Noah said, as his hand brushes along the front of his shirt above the pocket.

*Editor's note: To learn more about the Madison Alabama Young Marines, visit their website at <http://www.orgsites.com/lallymariness1>. The group is working to raise funds for its Washington trip. Tax deductible contributions to help these Young Marines can be made by calling Judy Pettus, 316-2902, or Amy Delarosa, (732) 713-9664, or by emailing [madisonyoungmarines@yahoo.com](mailto:madisonyoungmarines@yahoo.com).*



Photo by Skip Vaughn

**Golf fund-raiser**  
Jody Brown, a member of the AMRDEC's foursome, putts during the G3/IMMC Charity Golf Tournament held Friday at the Becky Peirce Municipal Golf Course. The event raised funds for the Combined Federal Campaign.

# Program senses danger both above and below ground

By JASON CUTSHAW

SMDC/ARSTRAT Public Affairs

Besides detecting and defending against enemy attacks, members of the Space and Missile Defense Command/Army Forces Strategic Command also help America and the world detect natural dangers.

SMDC assumed responsibility for the Nuclear Arms Control Technology Program when the mission was transferred from the Defense Threat Reduction Agency to the Army in 2002. Under the NACT program, SMDC acts on behalf of the U.S. government.

“Our primary function is to detect a nuclear event anywhere in the world,” Mark Pickens, SMDC Nuclear Arms Control Technology Division chief, said. “We can detect if a nuclear event happens atmospherically, underwater or underground. Wherever there is a nuclear event anywhere in the world, our systems have to be able to detect it.”

“There are 321 monitoring stations throughout the world and they have to be operational 98 percent of the time.”

SMDC is responsible for site prepara-



Courtesy photo

**A member of the Comprehensive Nuclear Test Ban Treaty Organization participates in an integrated field exercise.**

tion, construction, documentation, preparing for United Nations certification, operation, maintenance, sustainment and life-cycle management of 37 international monitoring system stations from “cradle-to-grave.”

The IMS stations are at various locations from the continental U.S. to

Alaska, Midway, Guam, Wake Island, Hawaii, Antarctica and Puerto Rico. The monitor types range from seismic, infrasound, hydroacoustic, radionuclide, as well as a laboratory.

“All the data we receive is in real-time,” Pickens said. “All of our sensors are passive sensors that sit out there recording data and then send it via satellite to Vienna, Austria, and there they analyze it.”

The NACT Program reports to the treaty manager at the Office of the Secretary of Defense. The command also works closely with other components of the Arms Control Interagency including the Department of the Army, Department of Energy, National Labs and the Department of State.

The NACT program was formed after the Comprehensive Nuclear Test Ban Treaty was opened for signatures in September 1996. The Comprehensive Nuclear Test Ban Treaty Organization created the international monitoring system to detect, locate and identify explosions of at least one kiloton detonation within the atmosphere, underground and underwater.

While the technology is centered on monitoring the planet for nuclear explosions, the data also offers a wide range of applications that are able to contribute to sustainable development, knowledge expansion and human welfare.

Disaster mitigation is a priority when looking at potential applications. After the tsunami caused by an earthquake off the coast of Indonesia in December 2004, the CTBTO’s members allowed the use of verification data for disaster mitigation purposes for the first time.

“In addition to our primary mission, there are a lot of potential civilian and scientific applications,” Pickens said. “With all of these sensors throughout the world, we can see tsunamis coming, when volcanoes erupt and earthquakes happen, as well as ice shelves falling off and other events.”

As studies continue and technology advances in detection analysis, potential civil and scientific applications of the four monitoring technologies – seismic, hydroacoustic, infrasound and radionuclide – have the potential to save lives during disasters.

Seismic technology can help in rapidly acquiring and disseminating data on earthquakes, in particular on potentially tsunami-generating earthquakes and to assist disaster management and response efforts. Seismic data can also assist in plane crash investigations by providing precise data on time and location.

Hydroacoustic data can support research on ocean processes and marine life, such as whale populations and mi-

gration patterns. Shipping safety can also be improved by monitoring underwater volcanic explosions and ice shelf break-up, which creates large icebergs.

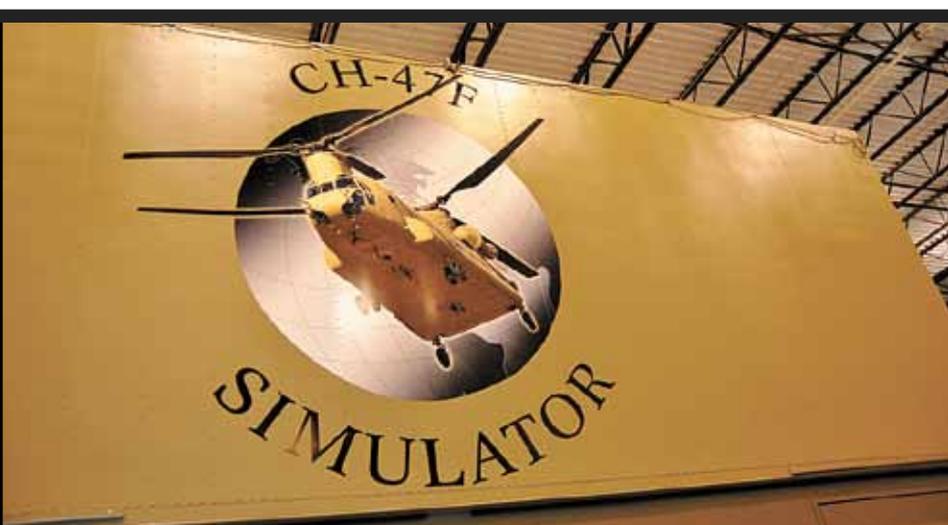
Infrasound technology can help detect volcanic explosions and thus contribute to aviation safety. It can also assist in detecting a range of other manmade and natural events on the Earth’s surface, including chemical explosions, meteors entering the atmosphere and severe storm systems.

“If you think about it, every thing in the world makes a sound,” Pickens said. “So we figure if you can hear it, you can detect it. The hard part is differentiating one item from another one. And we are trying to figure out if something is an elephant walking across the ground or if it is enemy soldiers.”

Radionuclide technology can contribute to the research of worldwide background radiation levels. Data from radionuclide monitoring stations can provide critical information on nuclear accidents and assist in providing rapid measurement of radioactivity to map the dispersion of radioactive material.

“Radionuclide sensors are like big vacuum cleaners, they suck in radiation,” Pickens said. “It can detect if there is radiation in the air. After the nuclear accident at Fukushima, Japan, we were able to track the plumes as they came across the ocean. We could tell how much radiation was going to hit the U.S.”

“This is just one of the ways we let the nation know we were safe.”



Courtesy photo

## Simulator rollout

The first Chinook Simulator is presented to the Army during a rollout ceremony Oct. 18 at the Yulista facility in Cummings Research Park. Attending the event were Col. Bob Marion, project manager for Cargo helicopters for the Program Executive Office for Aviation; Randy Harkins, PEO Aviation chief of staff; and Lt. Col. Brad Killen, product manager for the CH-47F helicopter. The Chinook is a multi-mission, heavylift transport helicopter. Its primary mission is to move troops, artillery, ammunition, fuel, water, barrier materials, supplies and equipment on the battlefield. Its secondary missions include medical evacuation, disaster relief, search and rescue, aircraft recovery, firefighting, parachute drops, heavy construction and civil development. The simulator will assist in training CH-47F pilots in a variety of mission scenarios.



Photo by Ronald Zak

**Robert Werzi, head of the maintenance unit of the Comprehensive Nuclear Test Ban Treaty Organization, inspects a measurement station for radiation on the roof of the International Center, in Vienna, Austria, on March 22.**

# Foreign military sales support coalition partners

By MICHELLE HARLAN  
USASAC Public Affairs

Typically foreign military sales are defined as a U.S. government to foreign government sale of defense articles, services and training. But for 1206 sales cases, the purchase is funded through Department of Defense appropriated funds. According to the National Defense Authorization Act, Section 1206, its purpose is to equip, supply and train foreign military who support U.S. military in joint operations.

"These countries are fighting alongside U.S. service men and women, so it is imperative that we provide them with the proper equipment to ensure they are successful in their mission," Brian Steinberg, a country program manager for the Army Security Assistance Command headquarters' EUCOM Directorate, said.

The United States acts as the buyer of materiel and transfers ownership of those items to the coalition partner. Cindy Decker, a country case manager at USASAC's New Cumberland, Pa. office, works on the 1206 Coalition Program for Georgia, Bulgaria and the Baltic states, which falls under

USASAC's EUCOM Directorate. She is responsible for ensuring the receiving governments are prepared to take responsibility of the FMS items being supplied to them.

"Once the COCOM (Combatant Commands) and country decide what is needed, the items and the potential dollars are defined on a Congressional Notification," Decker said. "This document is sent through the channels from DSCA (Defense Security Cooperation Agency), to State (Department) and to Congress. Once approved, the cases are written."

One challenge of 1206 sales is the imposed time frame to obligate appropriated funds on a contract before the end of a fiscal year. According to Steinberg, there are five years available to complete delivery,



Photo by Melody Sandlin

**USASAC commander Maj. Gen. Del Turner welcomes Security Assistance Enterprise members attending a 1206 program conference Oct. 18-21.**

services and billing for each individual case. Decker said the goal is to provide materiel and services to the coalition partners within six to 12 months once the money is obligated, but can vary based on various factors such as the time frame in which the U.S. budget is approved or correct items are determined.

It takes time to establish the correct items available for

shipment to these countries, according to Decker. Coalition partners request materiel that is being used by U.S. Soldiers. Because of the restrictions on what U.S. items can and cannot be used by foreign militaries, comparable items have to be found to provide to the coalition partners.

USASAC's motto, "Strength in Coop-

eration," is exemplified through the 1206 program because the U.S. provides defense articles or training to partner governments in order to aid in counter-terrorism activities and support the U.S. military. Latvia, Lithuania, Estonia, Bulgaria and Georgia are examples of countries who will receive items such as GPS, radio equipment, body armor and helmets which will be used in Afghanistan.

"It is important to help these countries because they are playing a vital role in Stability Operations in theater," Steinberg said.

"People don't understand why we give our money to a foreign government," Decker said. "The equipment and training received by the countries helps both us and them. It helps the U.S. because it creates a partner nation and ally in our war on terrorism."

Supporting the smaller countries also helps them to develop as a nation.

"It helps the partner nation because these are usually small, emerging countries that do not have a robust budget for military equipment," Decker said. "It provides a means for them to receive military training from the best military in the world."

## Runner

continued from page 27

Mosul represented a 5-kilometer area that included 2.4 million people.

"You just never knew what would happen. We needed to fly as fast as we could — about 105 knots — and as low as we could — about 50 to 100 feet. There were many times when we had to make a choice between whether or not we were going to hit a flock of birds because we couldn't get high enough or whether we would be able to dodge antennas on roof tops."

In October 2005, Fortier returned to Fort Bragg and departed the squadron for another assignment. In January 2006, Fortier completed his first marathon in honor of Matt — the Walt Disney World Marathon in Orlando. Since then, he has completed eight other races. His 10th race will be the New York City Marathon on Nov. 6. The 11th and last marathon has not yet been decided, but Fortier is hoping to qualify for the Boston Marathon.

For each race, Fortier doesn't write his name on his race number. Rather, he writes the words "For Matt" in honor of his friend. Besides that, he has kept his mission pretty much to himself.

"The only time I have really talked about this in public was at that first race in Orlando," he said. "I was in Iraq and missed the registration for the race. So, I asked the race officials if they could make an exception. I told them about Matt and what I was try-

ing to do. So, they made an exception, and asked me to speak at Epcot Center about Matt and why I was in the race."

That first race set the pace for Fortier's other marathons.

"My time of three hours and 20 minutes was really encouraging," he said. "I had not run a marathon in five years and I had certainly not run distances of that magnitude. It was a perfect day for a marathon. It was a little cold for Orlando, 34 degrees, but the morning was extremely peaceful and there was absolutely no wind."

"Usually, at the 20- or 21-mile mark, you start fighting with severe fatigue. I never really felt that during that race. I had times of being tired, but I didn't hit a wall. I finished 314th out of 11,000 finishers."

The run took him through all the Disney parks and through MGM Studios and Universal Studios.

"When you run that long of a distance, there are times when things are really quiet and lonely. You get in a secluded place where you are channeling energy to sustain as much as you can," Fortier said. "I prayed often and talked out loud. There was an amazing choir singing at the finish. It was very spiritual, very inspirational. Running marathons are never easy. But it was the easiest marathon I've ever done."

Fortier went on to run in Sarasota, Fla. (March 2006, three hours and 17 minutes), Detroit, Mich. (October 2006, 3:20); Disney World (January 2007, half marathon in one hour, 45 minutes on a Saturday and then a full marathon in 3:31 on the following Sunday); Washington, D.C. (March 2008,

3:29); Richmond, Va., (October 2008, 3:23); San Diego, Calif. (June 2009, 3:39); Virginia Beach, Va. (March 2010, 3:23) and Minneapolis, Minn. (June 2011, 3:26).

Fortier's last race in Minneapolis was especially sentimental as Minnesota is Matt's home state.

Fortier has made the races a family affair. During the earlier marathons, it was only his wife Angela cheering him on. In the later races, his wife has often been joined by their children, 4-year-old Grace and 2-year-old Faith.

"My wife is always at the finish line. Seeing my wife and kids on the course is extremely important to me," he said.

"I recently started running with my Blackberry (cell phone). So I can communicate with my wife and kids while I'm running. I also pre-format a bunch of text messages, so that I can just hit and send them to friends when I get to certain mile markers. Often, my friends text me back with encouraging words. It is a nice extra source of motivation for me, but it doesn't take the place of seeing my wife and kids cheering me on the course."

The New York City Marathon has been a race Fortier has been looking forward to for a while. His registration was denied twice — the standard — before being accepted this year. The race takes about 45,000 runners through the city's five boroughs and through Central Park. Fortier is now in training to get the best time possible, running 6 to 8 miles five days a week and a 12-18 mile run on the weekends. He has been running between 150 and 175 miles a

month.

"New York City is a once-in-a-lifetime deal. So I want to be in the best shape for it," he said. "But the tempo at the Redstone Test Center is so fast and furious. We have had a lot of significant events and a lot to accomplish daily. When I am running consistently, I have more energy throughout the day and, in this job, you need as much energy as you can get."

Another ulterior motive for Fortier is his desire to earn a qualifying time in the New York City Marathon that will allow him to run in the Boston Marathon. The qualifying time is 3:15 for his age and gender. To date, Fortier's personal best is just two minutes longer at 3:17.

"But I was only 32 years old then," he said of his best time. "This might not be my year for the Boston Marathon, even if I do qualify. In February, I will be leaving this assignment to be the executive officer and future commander of the U.S. Naval Test Pilot School at Patuxent River, Md. It's where the Army makes its experimental test pilots."

Fortier is an experimental test pilot rated to fly not only the OH-58D Kiowa Warrior, but also UH-60 Black Hawk, as well as fixed wing aircraft like the C-12 and the T-34.

Once he finishes Matt's 11 races, Fortier said he will retire from marathon running.

"But I won't retire from running," he said. "Before college, I never ran to just run. But as my days in the Army have passed, my passion for running has grown. It's more of a way of life now."

## Win or Lose

# Engineers fling into disc golf tournament



Photo by Ellen Hudson

Reaching the target is competitor Greg Tackett.

By ELLEN HUDSON  
Staff photographer

AMRDEC's Organization Day on Oct. 18 featured a disc golf tournament on the Redstone Arsenal disc golf course.

Fifty participants competed in groups of four. They included 11 advanced, 20 intermediate and 19 beginners.



Photo by Ellen Hudson

Michael Barnett takes his turn during the disc golf tournament.

The advanced division winners were: first place, Chris McCravy (TMD), 53 (-1); second, Kevin Woodsinger (TMD), 55 (+1); and third, Dave Huebner (WDI), 55 (+1).

Intermediate division winners were: first, Mike Pessoney (SED, "APT"), 59 (+5); second, Jimmy Dodd (SSDD), 60 (+6); and third, Greg Tackett (SSDD), 60 (+6).



Photo by Ellen Hudson

Jimmy Dodd throws during the disc golf tournament. Looking on, from left, are Greg Tackett, Michael Barnett and Matt Gruber.

Beginner division winners were: first, Tom Barnett (SSDD), 63 (+9); second, Corey Davis (WDI), 67 (+13); and third, Shane Muse (WDI, "Amtec"), 68 (+14).

Winners of the closest-to-the-pin contest included SSDD employees Donnie Lynn (advanced) and Jim Buford (beginner).

## Georgia Bulldogs put clamps on Florida Gators

By SKIP VAUGHN  
Rocket editor  
skip.vaughn@theredstonerocket.com

Skip's Picks were 289-78 for 79 percent after seven weeks of college football. Here are my predictions on this week's games:

Florida at Georgia – **Georgia**  
Alabama A&M at Alabama State – **Ala. St.**  
Arkansas at Vanderbilt – **Arkansas**  
Mississippi at Auburn – **Auburn**  
Mississippi St. at Kentucky – **Miss. St.**  
Connecticut at Pittsburgh – **Pittsburgh**  
Virginia at Miami (Fla.) – **Miami**  
Rice at Houston – **Houston**  
BYU at TCU – **BYU**  
Oregon St. at Utah – **Utah**  
Colorado at Arizona St. – **ASU**  
Michigan St. at Nebraska – **Nebraska**  
Illinois at Penn St. – **Penn St.**  
Syracuse at Louisville – **Syracuse**  
N. Carolina St. at Florida St. – **FSU**  
Northwestern at Indiana – **Northwestern**

Purdue at Michigan – **Michigan**  
UAB at Marshall – **Marshall**  
Virginia Tech at Duke – **Va. Tech**  
VMI at The Citadel – **The Citadel**  
Air Force at New Mexico – **AF**  
Furman at Chattanooga – **Furman**  
Washington St. at Oregon – **Oregon**  
Boston College at Maryland – **Md.**  
Georgia Southern at Appalachian State – **GS**  
Weber State at Montana – **Montana**  
Baylor at Oklahoma St. – **Oklahoma St.**  
Iowa at Minnesota – **Iowa**  
Oklahoma at Kansas St. – **Oklahoma St.**  
West Virginia at Rutgers – **WV**  
Wake Forest at North Carolina – **Wake**  
Missouri at Texas A&M – **Texas A&M**  
Navy at Notre Dame – **ND**

Fordham at Army – **Army**  
SMU at Tulsa – **SMU**  
Tulane at East Carolina – **EC**

Tennessee Tech at Jacksonville State – **Jax St.**  
Memphis at UCF – **UCF**  
California at UCLA – **UCLA**  
Iowa St. at Texas Tech – **Texas Tech**  
Kansas at Texas – **Texas**  
South Carolina at Tennessee – **SC**  
Clemson at Georgia Tech – **Clemson**  
Southern Miss at UTEP – **So. Miss**  
Wisconsin at Ohio St. – **Wisconsin**  
Stanford at USC – **Stanford**  
Wyoming at San Diego St. – **Wyoming**  
Arizona at Washington – **Wash.**



## Sports & Recreation

### Slot car racing

Marshall Space Flight Center has begun a 1/32 slot car club for enthusiasts and is looking for new members. Membership is open to all those who work on the Arsenal (NASA employees, active/retired military, DoD civilians and contractors). The track is assembled in building 4666, and the club races most Friday evenings from 5-7. If interested, call Dave Cockrell 544-1279 or David Wilkie 544-3140.

### Basketball tournament

Redstone Arsenal will have a Holiday Basketball Tournament Dec. 5-19 at 6 p.m. at Pagano Gym. Games will be played Monday through Thursday evenings. This competition is open to all adults on Redstone Arsenal. Cost is \$40 per team. Registration is open Nov. 10-22. The schedule will be based on the number of teams entered. For more information, call Joe Reed 876-6701 or 876-2943.

### Bowling benefit

Big Brothers Big Sisters of North Alabama will have its annual Bowl for Kids Sake Nov. 13 at Plamor Lanes in Huntsville. This year, more than ever, BBBSNA needs community support to keep the organization up and running, according to a prepared release. A federal program was recently cut, which provided \$147,000 of the agency's budget. Satellite offices in Marshall and Limestone counties have already been closed and there is a serious impact to the number of children the agency will be able to continue to serve. So, if you like to bowl, sign up on the Big Brothers Big Sisters website at [bbbsna.org](http://bbbsna.org). Put a team together and challenge your friends and co-workers to do the same. A recommended donation of \$25 per bowler is suggested. To contribute or for more information, call 880-2123 or visit [bbbsna.org](http://bbbsna.org).

### Bass tournament

National Bass Fishing Trail, Alabama North District, serving the Redstone Arsenal and the Tennessee Valley area, is a tournament trail for the weekend angler. NBT offers a low cost entry fee and membership with a high percentage payout. No partner needed, this is a solo trail. However, junior division is also included for anglers 17 and under. Juniors fish with the adult that brings them, but against the other junior anglers. New members, non-boaters, large and small boats and juniors are always welcome. Alabama North will hold its next tournament Saturday at Pickwick Lake, at the McFarland ramp. For more information, visit [nbtbass.com](http://nbtbass.com) or contact Donnie Story 777-3428 or [donnie@nbtbass.com](mailto:donnie@nbtbass.com).

## Conferences & Meetings

### Weekly worship

The Contemporary Christian Worship Service is held each Sunday at 11 a.m. at the Youth Center, building 3148. For more information, call 842-2964.

### Protestant women

Beginning Thursday, you are invited to join the Protestant Women of the Chapel on Thursdays at Bicentennial Chapel as they meet for friendship, fellowship and Bible study. Choose from three sessions: morning from 9:30-11:30, lunch time from 11:30-12:30 and evening at 6. Some child care is available at the morning session, upon registration with Youth Services.

### Gang program

Huntsville police officers who work in Huntsville City Schools will present a Gang Awareness Workshop at 6 p.m. Thursday at the Youth Center, building 3148 on Youth Center Road near Gate 8.

### Student chapter

Alabama A&M University's new student chapter of the American Institute of Aeronautics and Astronautics will achieve special recognition Nov. 1 by a leading NASA administrator. Leland Melvin, NASA associate administrator for education, will address some 20 members of AAMU's new AIAA chapter Nov. 1, during an 11 a.m. luncheon at the Ernest L. Knight Reception Center. A veteran of two space flights with more than 500 hours in space, Melvin is responsible for the development and implementation of NASA's education programs. The buffet luncheon provides an opportunity for community networking and support of AAMU and AIAA Greater Huntsville Section. Individual tickets are \$20; corporate tables also available to respondents by Friday to [distribution@al-ms-aiaa.org](mailto:distribution@al-ms-aiaa.org).

### Sergeants major

The Sergeants Major Association conducts a monthly meeting every third Thursday of the month at 6:30 a.m. at the Officers and Civilians Club. Breakfast is available at the club. The Sergeants Major Association meetings are open to all E-9 ranks, from all services – Army, Navy, Air Force, Marines and the Coast Guard. Membership into the association is a one-time lifetime fee of \$30. "We encourage all active, retired, reserve and National Guard senior Soldiers to come out and join us," a prepared release said. "Let's try and make a difference in the lives of the Soldiers, families and retirees in the Tennessee Valley area." For information call retired Command Sgt. Maj. Reginald Battle 955-0727.

### Toastmaster clubs

Anyone interested in improving their public speaking ability is invited to attend the Research Park Club 4838, which

# Rocket Announcements

meets Wednesdays from 11:30 a.m. to 12:30 p.m. at the Sentar offices, 315 Wynn Drive, Suite 1. For information call Valerie Cortez 313-9753. The Strategic Speakers Toastmasters Club 6054 meets on the second and fourth Wednesday from 11:30-12:30 at building 4488, room B-306. For information call Claudinette Purifoy 955-9422. The Redstone Toastmasters Club 1932 meets Tuesdays from 6-7:30 p.m. at the Radisson Hotel, 8721 Madison Boulevard in Madison. For information call Dan Cutshall 684-2359.

### Engineering workshop

The Institute of Electrical and Electronics Engineers will conduct a workshop series Nov. 4-5 at the Von Braun Center. The IEEE workshop will cover topics on the cutting-edge of technical innovation today. It will offer two full day courses in Smart Grid, Software Engineering Essentials, Wireless Communications Engineering, and a career assistance track designed to help engineering and technology professionals. Attendees can earn CEU credits for the courses they attend. The workshop will include a reception and plenary speaker address Nov. 4. Former NASA administrator Michael Griffin will address attendees during the evening's reception. For more information and to register, visit <http://www.ieee.org/metroevents>.

### Men's ministry

Men's Ministry, "addressing the needs of men and planting seeds for spiritual growth in Christ Jesus," meets every second or third Saturday – for exact monthly date, call Harry Hobbs at 425-5307 – at 9 a.m. at the Redstone Links golf clubhouse. Breakfast is served for \$5. For more information, call Hobbs 425-5307.

### Losing weight

TOPS (Take Off Pounds Sensibly) Chapter AL 0047, Huntsville, invites all who are interested in losing weight the safe way to its weekly meetings at the First Christian Church, 3209 Whitesburg Drive, at 10 a.m. Wednesday. The purpose of TOPS is to help you follow your doctors' recommendations on losing weight through mutual help. For more information, visit <http://www.tops.org/default.aspx> and [http://www.ehow.com/about\\_5415201\\_weight-loss-tops.html](http://www.ehow.com/about_5415201_weight-loss-tops.html).

### Southern Miss alumni

Retired Maj. Gen. Jeff Hammond will speak to the University of Southern Mississippi alumni associations and friends Nov. 16 at the Officers and Civilians Club. The luncheon is 11 a.m. to 1 p.m. in ballrooms 1 and 2. Cost will be \$16 per adult and checks payable to USM North Alabama Alumni Association. Send by Nov. 12 to Stacy

A. Busby at 106 Rockingham Circle, Madison, AL 35756. For more information, email [usmnov2011@busbyfamily.org](mailto:usmnov2011@busbyfamily.org). Hammond served as chief of staff for Forces Command. He also served as commander of the 4th Infantry Division and of the Multi-National Division in Baghdad, Iraq. He was a quarterback for the Golden Eagles from 1976-78. He joined in the Southern Miss athletic department in October 2010, and serves as the chief fund-raiser for the department.

### Tricare briefings

Humana Military Healthcare Services, the Tricare managed care support contractor for the South Region, holds informational briefings on Tricare every Monday at 1 p.m. and Wednesday at 10 a.m. in the Tricare Service Center, Fox Army Health Center, second floor.

### Air defenders

The Redstone-Huntsville Chapter of the Air Defense Artillery Association will have its annual dinner dance Nov. 5 at 6 p.m. at the Officers and Civilians Club. Featured speaker is Brig. Gen. Heidi Brown, deputy for test at Missile Defense Agency. For more information and reservations, call Anna Gamble 922-9300, ext. 100, or email [anna.gamble@irtc-hq.com](mailto:anna.gamble@irtc-hq.com).

### Deployed workforce ceremony

In appreciation and recognition of Team Redstone's service and sacrifice, AMCOM commander Maj. Gen. Jim Rogers would like to honor those who are serving or who have served in deployments in support of Team Redstone operations for OIF/OEF. The Team Redstone Deployed Workforce Recognition Ceremony is Dec. 1 at 8:30 a.m. in Bob Jones Auditorium. Rogers will present letters of recognition and command coins to Soldiers, civilians and contractors of Team Redstone who have deployed in support of Redstone Arsenal operations. For information call Cindy Gordon or email [cindy.gordon@us.army.mil](mailto:cindy.gordon@us.army.mil). Send the following information: full name of deployed person, contact information (phone numbers and email address) and name of organization or office supported by the nominee's deployment to [Redstone-DeployedWorkforceCeremony@us.army.mil](mailto:Redstone-DeployedWorkforceCeremony@us.army.mil).

### Small business forum

The Army Engineering and Support Center-Huntsville is conducting its 12th annual Small Business Forum from 9 a.m. to noon Nov. 18 at the University of Alabama-Huntsville, University Center. This is an opportunity for small businesses to talk with contracting professionals, program managers and subject matter experts from Huntsville Center about their programs and upcoming

# Rocket Announcements

opportunities. The Huntsville Center supports very specialized missions that require unique technical expertise in programs that are generally regional or global and are very broad in scope. For more information about Huntsville Center programs visit <http://www.hnd.usace.army.mil> and review our "Fact Sheets." Pre-registration for the Small Business Forum is encouraged to help ensure appropriate representation of subject matter experts. Registration is free with information available on the web at <http://www.hnd.usace.army.mil>. If you have questions or comments, email [sbo-hnc@usace.army.mil](mailto:sbo-hnc@usace.army.mil).

## Small business conference

NDIA 15th annual Small Business Conference is Nov. 16-17 at the Westin Huntsville. This features the Army Materiel Command small business enterprise. For more information, visit <http://www.ndia-tvc.org/wpfallconf/>.

## Reliability engineers

The Society of Reliability Engineers, Huntsville Chapter, invites you to its fourth annual RAM Workshop, Nov. 1-2 at the Holiday Inn Hotel Downtown, 401 Williams Ave. For more information and to register, call Anna Gamble 922-9300, ext. 100, email [anna.gamble@irtc-hq.com](mailto:anna.gamble@irtc-hq.com) or visit the website <http://events.r20.constantcontact.com/register/event?llr=46uhokgab&oeidk=a07e4acce3b6fccc30d>.

## Federally employed women

The North Alabama Chapter of Federally Employed Women will hold its monthly meeting Thursday at the Officers and Civilians Club at 11:15 a.m. in the Loft Room. The discussion topic will be Legislative Issues that Impact Women. All are invited.

## Administrative professionals

Redstone Arsenal Chapter of the International Association of Administrative Professionals will hold its 17th annual Seminar and Education Forum, with keynote speaker Ron Woods, on Feb. 6 at the Officers and Civilians Club. The topic is "My job would be easy if it weren't for other people!" For more information, call Alpha McRae 313-1957 and Gala Horry 842-8389.

## Civil War round table

Tennessee Valley Civil War Round Table will meet Nov. 10 at 6:30 p.m. at the Elks Lodge, 725 Franklin St. Scheduled speaker Luke Slaton, an historian, newspaperman and preservationist, will discuss "Joseph 'Fightin' Joe' Wheeler - The Man, His Life and His Plantation."

Optional chicken buffet is available at 5:30 for \$8.95. Visitors are welcome. For information call 539-5287.

## University women

The Huntsville Branch of the American Association of University Women is holding a brunch meeting Nov. 5 from 10 a.m. to 1 p.m. at the Covenant Presbyterian Fellowship Hall, 301 Drake Ave. The speaker will be Annie Houle, a trainer for Start Smart, a joint project of the WAGE Project and AAUW, helping young women learn how to negotiate salaries/wages, starting from their first jobs. Meals are \$15. RSVP to 880-8643 or [herb.guendel@knology.net](mailto:herb.guendel@knology.net) by 5 p.m. Nov. 3. The meeting is open to the public.

## Organization birthday

The American Association of University Women is celebrating its 130th birthday nationwide by holding a Cocktails and Convo (conversation) event, with up to 1,000 branches throughout the nation participating. The Huntsville Branch will hold its event Nov. 8 from 5-7 p.m. in the Privé Lounge at Monaco Pictures. Kellee Crawford, senior coordinator for career development at the University of Alabama-Huntsville, will speak briefly on Successful Wage and Salary Negotiation for Women. The event will be "Dutch treat." RSVPs are appreciated but not required by calling 880-8643 or emailing [mar172@yahoo.com](mailto:mar172@yahoo.com). The meeting is open to the public.

## Reserve officers

The Reserve Officers Association, Department of Alabama Local Chapter 20, will meet Nov. 16 from 11:45 a.m. to 1 p.m. at the Officers and Civilians Club. The goal of the meeting is to reactivate Chapter 20. For more information, call Lt. Col. Ruby Lardent 799-1246 or email [ruby.lardent@us.army.mil](mailto:ruby.lardent@us.army.mil).

## Miscellaneous Items

### Civilian deployment

Army civilian volunteers are needed to support Aviation and Missile Command missions in Iraq, Afghanistan and Kuwait in support of Operation Enduring Freedom and Operation New Dawn. Skill sets needed include acquisition, maintenance, supply, quality assurance, operations, logistics and automation, among others. The new personnel deployment website is at the AMCOM homepage or <https://apdw.redstone.army.mil>. Volunteers must be currently employed by AMCOM or AMC. Contractors cannot be considered. Army civilians interested in deploying should notify their supervi-

sor and visit the deployment website or call Nicole Massey 842-2564. Contractors and others interested can access [www.cpol.army.mil](http://www.cpol.army.mil) for openings and opportunities for overseas employment.

## Fraud hotline

The Huntsville Fraud Resident Agency (USACIDC) has implemented a fraud hotline. It is designed to help you, the taxpayer, to report incidents of suspected fraud involving government contract companies, government employees or government agencies. If you suspect or know someone who either is committing, or has committed any type of fraud against the government on Redstone Arsenal, or surrounding area, report it by calling 876-9457. You do not have to leave your name - all information will remain confidential and anonymous. Please leave enough information so any followup investigation can be completed.

## Education test center

Taking online courses? Need a proctor for your exams? If so, call the Army Education Center Testing Office 876-9764 for an appointment. They can proctor exams for most colleges. Proctoring services are free and available to the Redstone Arsenal community (military/government ID card holders).

## Ride needed

Julie Jordan, a badge checker in building 5303, works 7:30 a.m. to 4 p.m. and does not drive because of her disability. She lives off Airport Road and is willing to pay. No handicap accessible equipment will be required. If interested call 604-8433.

## Senior volunteers

Madison County Retired & Senior Volunteer program is partnered with various nonprofit organizations in Huntsville and Madison County that utilize volunteers. R.S.V.P. recruits, places and trains individuals who are 55 or older to fill our community service needs. For more information about R.S.V.P. or its volunteer opportunities, call R.S.V.P. director Pamela Donald 513-8290 or email [pdonald@seniorview.com](mailto:pdonald@seniorview.com).

## Family fun event

Club H2O, at Bicentennial Chapel, will have its third annual October Slam on Friday from 6-9:30 p.m. at the Youth Center. There will be free food, games, blowups, train ride, hay ride, Andy and the Praise Band, horseshoe competition, door prize and the Garbage Can Band. For more information, call 842-3318, visit [www.redstoneclubh2o.org](http://www.redstoneclubh2o.org) or email [darrell@redstoneclubh2o.org](mailto:darrell@redstoneclubh2o.org).

## Logistics achievement awards

The Ernest A. Young Logistics Achievement Award Luncheon/Ceremony is Nov.

10 at 11 a.m. at the Officers and Civilians Club. This will present two awards: the Management/Executive Award to GS-13s and above (or military equivalents) and the Professional/Technical Award to GS-13s and below (or military equivalents). These awards are presented annually to recognize Team Redstone individuals who have provided outstanding service in logistics support, made notable contribution to the efficiency and quality of logistical support, and demonstrated excellent and professionalism in his or her assigned duties. Tickets are on sale through Nov. 4 for \$18. For tickets call Barbara Harris 876-3805, Jennifer Marchant 842-6768, Desiree Galloway 842-0848, Kelly McDaniel 313-1641, Darlene Readus 876-2392 and Kim Lund 842-2468.

## Driver safety course

In honor of all veterans, AARP is waiving the tuition for veterans and their spouses and spouses of deceased veterans for their Driver Safety Courses offered during November. A course on Redstone is being offered Nov. 8-9 from 12:30-4:30 p.m. at the Community Activity Center, building 3711 at the intersection of Patton and Aerobee roads. Completion of this eight-hour classroom refresher, designed for the older driver, may qualify participants 55 and older for an auto insurance discount. (Check with your insurance agent.) To register for the course at Redstone, call instructor Vince Guarin 880-6928. Class size is limited to 25. For other course locations, call AARP at 888-227-7669.

## Resumes for college students

LogiCore will hold a free resume building workshop for college students or recent grads Nov. 17 from 4:30-6:30 p.m. at 920 Explorer Boulevard, Suite B. The workshop will educate students on how to write a powerful resume, perform effective job searches and master the interview process. To register, attach your resume and email [resumeworkshop@logicorehsv.com](mailto:resumeworkshop@logicorehsv.com). Space is limited, so reserve early. This is not a job fair.

## Fraternity's gala

The Xi Omicron Chapter of Omega Psi Phi Fraternity Inc. announces its Centennial Achievement Week/Founders' Gala will be held Nov. 18 at 7 p.m. at the Von Braun Center, North Hall. The speaker is NASA administrator Charles F. Bolden Jr. Omega Psi Phi Fraternity Inc. was founded Nov. 17, 1911 on the campus of Howard University by three undergraduate students and their adviser. Proceeds from this event will benefit the chapter's community programs. "We invite you to be a part of this Black Tie Centennial Gala," a prepared release said. For more information, call 852-4417 or 656-2741.

See Announcements on page 35

# Rocket Announcements

## Children's center

The MSFC Child Development Center on Redstone Arsenal accepts anyone with Arsenal access and currently has openings for children in the Preschool area and mobile/older infants. "If you have RSA access, we welcome you," a prepared release said. For more information or a tour, call Kelli Wright 544-8609 or see the website at <http://mcdc.msfc.nasa.gov/>.

## Jazz concert

Smooth Vibrations, a benefit concert for education featuring jazz keyboardist and composer Brian Simpson, will take place Nov. 5 from 8-11 p.m. at Calhoun Community College-Research Park, 102 Wynn Drive. All proceeds will support the Jack & Annie Anderson 2nd Chance Endowed Scholarship at Calhoun Community College. Tickets are \$50 (VIP) and \$35 (general admission) and can be purchased through PayPal at [www.maximumlifeenhancement.com](http://www.maximumlifeenhancement.com), by credit card at [http://www.eventbrite.com/myevents?org\\_id=1242635](http://www.eventbrite.com/myevents?org_id=1242635), or by check by calling 679-4241.

## Contracting workshop

"Government Contracting 101 - Are You Ready?" will be presented by University of Alabama-Huntsville procurement specialist Mary Jane Fleming from 9-11 a.m. Nov. 29 at the Chamber of Commerce of Huntsville/Madison County auditorium, 225 Church St. This is sponsored by the UAH Small Business Development Center and Procurement Technical Assistance Center. The fee is \$20 per person (pay day of event with check or credit card). To register call 824-6422 or email [SBDC@uah.edu](mailto:SBDC@uah.edu).

## Understanding solicitations

UAH procurement specialist Mary Jane Fleming will present "Understanding Government Solicitations" Dec. 13 from 9-11 a.m. at the Chamber of Commerce of Huntsville/Madison County

auditorium, 225 Church St. This is sponsored by the UAH Small Business Development Center and Procurement Technical Assistance Center. The fee is \$20 per person (pay day of event with check or credit card). To register call 824-6422 or email [SBDC@uah.edu](mailto:SBDC@uah.edu).

## Community assistance

Each year the Redstone Arsenal Community Women's Club distributes money to a variety of requesting nonprofit organizations. "Thanks to all of our enthusiastic and supportive members who contribute their time and talent to make each fund-raising event a huge success," a prepared release said. Several fund-raising events are being planned this year to continue the club's humanitarian efforts to benefit the military and civilian communities. Applications for the RSACWC community assistance grants are now being accepted. Forms are available at the RSACWC website at [www.rsacwc.org](http://www.rsacwc.org) (click on community assistance) and will be used to collect the same information from each requesting organization. By doing this, it will reduce the influence of such things as professionally prepared advertising, writing styles, supporters and the amount of information the club receives. All requests must conform to the RSACWC Community Assistance Request Form. Send to [rsacwccommunityassistance@gmail.com](mailto:rsacwccommunityassistance@gmail.com). Deadline for submission of the grant request is Jan. 28. All requests must be postmarked no later than the deadline. Requests received after the deadline will not be considered.

## Turn in old drugs

The Redstone Arsenal's Army Substance Abuse Program, Fox Army Health Center and the Redstone Arsenal Police will give the Redstone community an opportunity to prevent medication abuse and theft by ridding their homes of potentially dangerous, expired, unused and unwanted prescription drugs. Bring your

medications for disposal to the Redstone Exchange on Saturday from 10 a.m. to 2 p.m. The service is free and anonymous, no questions asked.

## Military housing

Military members can now access AHRN.com via their mobile device at [www.ahrn.com/mobile](http://www.ahrn.com/mobile). The information they currently rely on at AHRN.com is now available in the palm of their hand. They can access AHRN.com/mobile from any mobile device with Internet access. From [ahrn.com/mobile](http://ahrn.com/mobile) they can: Login to an existing account or register/create an account; view listing information including photos and maps; search for listings, including a geo-based search option to show listings near their current location; check their AHRN message center; view housing office contact information; and manage their account. Military members just enter their existing AHRN Username and Password into the mobile site and they are ready to go. Note: The AHRN Mobile site is not available for property managers or housing offices. AHRN stands for the Automated Housing Referral Network.

## Breast cancer campaign

October is Breast Cancer Awareness Month. In support of Breast Cancer Awareness and Education, Zeta Tau Alpha Fraternity is teaming up with Yopliat for the 2011 "Save Lids to Save Lives" campaign. From now through Dec. 15, drop off your pink "SLSL" Yopliat lids in the Pink Collection Box located in the Sparkman Center Cafeteria (by the doors to the courtyard). For each lid collected,

Yopliat will donate 10 cents to Susan G. Komen for the Cure to benefit breast cancer outreach programs and research. Join in on the fight to end breast cancer.

## Medical update

Crestwood Medical Center has announced it has requested a Certificate of Need from the Alabama State Certificate of Need Review Board to permanently establish elective percutaneous coronary intervention services in addition to its existing diagnostic cardiac catheterization and emergency PCI services. This is the last step in obtaining full approval from the state to continue providing this service. On June 10, the Statewide Health Coordinating Council voted to adopt Crestwood's adjustment to the State Health Plan to allow the provision of elective PCI on a permanent basis. Gov. Robert Bentley approved the adjustment June 14, a Crestwood release said.

## Food policy group

North Alabama Food Policy Council Steering Committee is a grassroots initiative of citizens working to launch a regional Food Policy Council in North Alabama. Everyone is welcome to join, whether as a professional or consumer and resident. The purpose is to improve communication and collaboration among consumers, farmers, restaurateurs, retailers, distributors, processors, planners, health professionals, educators and other supporters in order to inform policies that foster a more locally-based, sustainable and self-reliant food system accessible to all. For more information,

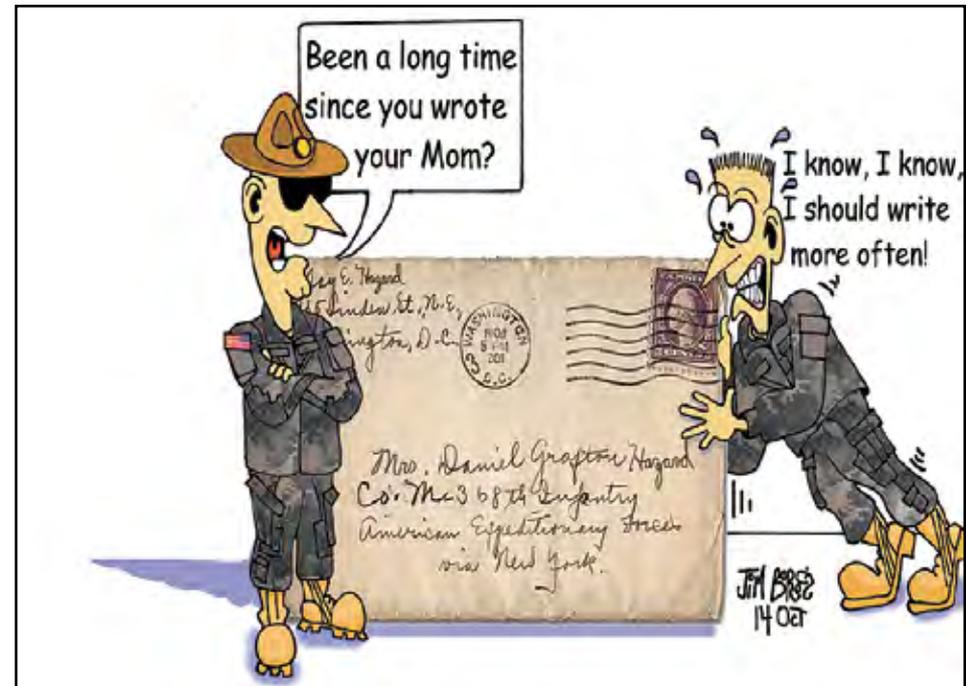
**See Announcements on page 36**



Photo by Ellen Hudson

## Financial class

Kathleen Riester of Army Community Service leads a personal financial class Oct. 20 AMC Band members in their band room.



# Rocket Announcements

call Kathryn Strickland 655-8585 or email kstrickland@fbfna.org.

## Veterans' dinner

The Disciples Men of Madison Christian Church (Disciples of Christ) will honor veterans with a free steak and baked potato dinner Nov. 11 from 6 to 8:30 p.m. at Madison Christian Church (Disciples of Christ), 1400 Hughes Road in Madison. All veterans and friends are welcome. Donations will be accepted.

## International festival

The University of Alabama-Huntsville, in conjunction with the International Society of Huntsville, will present the second annual International Festival of North Alabama on Saturday in the Atrium and open-air Courtyard of the Shelby Center, just off North Loop Road on the UAH campus, with easiest access via 301 Sparkman Drive. Open to the public, the event has no entry fee and takes place from 10 a.m. until 4 p.m. The festivities kick off with a ribbon-cutting ceremony featuring Mayor Tommy Battle. For more information, call Belinda Ong 824-6432 or email ongb@uah.edu.

## Army museum

The National Museum of the United States Army, scheduled to open at Fort Belvoir, Va., in 2015 will be the nation's only museum to present the complete Army's history since 1775. Its immersive ex-

hibits, Soldier artifacts and venues will tell the stories of selfless service and personal sacrifices of the 30 million Americans who have worn the Army uniform. For more information, call 1-800-506-2672 or visit [www.armyhistory.org](http://www.armyhistory.org). The 2011 Army Commemorative Coins, benefiting the museum's construction, will no longer be sold by the U.S. Mint after Dec. 16. The \$5 gold coin, silver dollar, and clad half-dollar made available to the public early this year celebrate the Army's storied history. All three coins can be ordered at [www.usmint.gov/catalog](http://www.usmint.gov/catalog) or by calling 1-800 USA-MINT (872-6468). The pricing of the coins includes a surcharge – \$35 for each gold coin, \$10 for each silver coin, and \$5 for each clad coin – which is authorized to be paid to The Army Historical Foundation to help finance the museum.

## Idol concert

American Idol singer Bo Bice will perform Nov. 18 at Club Xplosions, 3832 Highway 31 South in Decatur. Doors open at 6 p.m. For ticket information, call 280-8163 or 274-2986.

## Benefit walk

Epsilon Sigma Alpha International, Beta Pi Chapter, Huntsville, is sponsoring the fourth annual Give Thanks Walk to raise money for the children of St. Jude and to help St. Jude fight childhood cancer. A 5K walk will be held Nov. 19 inside Madison Square

Mall at the food court entrance. Registration begins at 7 a.m. and the Walk starts at 8:30. There is no charge to participate. Donations will be accepted. All participants that pre-register online with a donation of \$35 or more can choose their shirt size and will receive a shirt on walk day. A limited number of shirts and sizes will be available at the Nov. 19 registration with \$35 or more donation to St. Jude. To pre-register or for more information, visit [www.givethankswalk.org](http://www.givethankswalk.org).

## Lost dog

A Chihuahua was lost Oct. 18 near Fox Army Health Center. The 2-year-old, female was last seen near the visitors lodges north of Goss Road at Golf Course Road. Her home is off post. Tip-pie is wearing a purple harness and a pink collar which has a bell and a tag bearing her name and phone number. She needs immediate medical attention when found. If seen, do not chase her, but lure her with food instead and call 682-1461.

## Thrift shop

Last chance to get your little goblins a Halloween costume at an "eerily low price" at the Thrift Shop. Like to read? Check out the selection of books in stock, some of which are six for \$1. There is a section of baby clothes costing 25 cents each or five items for a dollar. Fall items are still being taken for consignment. Consignments are taken from 9-11:45 a.m. Tuesday, Wednesday and Thursday. Call the NO-LIST number 881-6915 before bringing your consignments. The list changes each week. The shop's hours are

Tuesdays and Wednesdays from 9 a.m. to 4 p.m., Thursdays from 9 to 5, and the first Saturday of the month from 10-2. The Thrift Shop is in building 3209 on Hercules Road. Donations are always welcome and tax deductible.

## Red ribbon week

Redstone will recognize Red Ribbon Week through Oct. 31. The campaign's theme is "It's Up to Me to be Drug Free." The national Red Ribbon Week campaign is the oldest and largest drug prevention campaign in the country.

## Free boo bags

It's that time of year again and the Army Substance Abuse Office is providing BOO Bags for Redstone Arsenal kids who will be going trick-or-treating on Halloween. The BOO bags are filled with coloring books, crayons, stickers, pencils, pouches, pencil sharpeners, calculators, rulers, key chains and airplanes. If you would like some bags, call Patricia Johnson 313-6977 or Harold Smith 876-7256.

## Von Braun exhibit

"100 Years of Von Braun: His American Journey" is now on exhibit at the U.S. Space & Rocket Center. The exhibit showcases the life of Dr. Wernher von Braun in honor of his 100th birthday on March 23, 2012. It reviews von Braun's American experience, beginning with his surrender to U.S. forces and continuing on through his death in 1977, and including his technical achievements with NASA, the Army and private industry. The exhibit will continue through May.



Photos by Ellen Hudson

## Garrison picnic fun

Food and fellowship along with bingo, horseshoes and softball at the Col. Carroll D. Hudson Recreation Area make events like Thursday's Garrison Organization Day fun for employees. Lunchtime meant picnicking along the river for Garrison employees, from left, Gaybrielle Valverde, Andrea Schilling, Amelia Flournoy, Jennifer Robinson and Penny Davis. At the nearby fields, first baseman Demarco Harris tried to catch a softball in a game that pitted a Garrison employee team against the Emergency Services team. Other Garrison workers enjoyed their own pursuits along the river, including singer and guitar player Lawrence Crawford, who was joined by musicians Sal Riccardi and Don Henderson.