

# Simply the best... JMC achieves Army LSS award

By Rebecca Montgomery  
Joint Munitions Command Public Affairs

ROCK ISLAND ARSENAL, Ill. - The Joint Munitions Command's Lean Six Sigma program has received accolades for being the best of all the subordinate commands in the Army. But it's not resting on its laurels - - it's also striving to be world class in industry.

The JMC received the Subordinate Level Organizational Development Award at the 2009 Army Lean Six Sigma Awards presentation held at the Pentagon on Nov. 24.

The annual Army Lean Six Sigma Excellence Awards Program recognizes Army organizations and practitioners who demonstrate excellence in building, sustaining and using LSS capabilities. LSS is the continuous process of improvement to transform the way the Army does business.

"It's recognition of our command's use of Lean Six Sigma. It really is a measure of how everyone involved at the JMC has made a difference," said JMC Lean Six Sigma Program Office Acting Deployment Director Steve Tutt.

Since the JMC LSS program began in 2005, 19 percent of the eligible workforce have "belts" certifying them as LSS practitioners. At the end of the 2009 fiscal year, 353 projects were completed resulting in more than \$66 million in estimated financial benefits. Of the first 20 Army certified Master Black Belts in the Army, five are from the JMC - - three at the headquarters and two at JMC installations.

The award evaluation criteria included organizational capability, leadership, benefits and results, project identification and selection, replication and measurement. Organizations are evaluated on their deployment maturity and their efforts within the previous year to enhance that maturity.

"At the subordinate level, we are the best in the Army. We still have a ways to go, and there are still things we can do to be better," said Tutt.

Two JMC LSS projects resulted in significant cost savings financial benefits in 2009.

The first, a project that got unserviceable ammunition at the installations back into service, saved \$13 million in additional expenditures.



U.S. Army photo

**Winners** JMC was honored with the Subordinate Level Organizational Development Award at the 2009 Army Lean Six Sigma Awards Program. Accepting the award on behalf of JMC was former LSS Executive Director Walt Songaila, second from left, and current LSS Executive Director Steve Tutt, second from right.

"If we hadn't done this, we may have had to buy more ammunition instead of using what we already had," said Tutt.

A second project that stopped unnecessary shipping saved an estimated \$8 million. Tutt said that by applying LSS methodology and measuring techniques the team came up with the best available solution.

Another important type of LSS project, known as replication, is one that isn't just successful on its own. These projects can be reused or applied elsewhere within JMC and the Army, Tutt explained.

A workers' compensation project that put in place a process to stop fraudulent claims is an example of replication.

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# Inside NEWS

## A successful 2009 Combined Federal Campaign

By Kim Lundquist  
JMC CFC Co-Chair

Photos by Ted Cavanaugh/ EL Hamm

To date (Joint Munitions Command headquarters) have had 255 employees (34 percent) pledge or donate \$71,717. A sincere and hearty THANK YOU to those of you who have made a monetary sacrifice to help a cause you believe in. JMC accepted donations this year through Dec. 17.

For those of you who have not yet had the opportunity, please consider finding an organization that represents a cause you believe in and consider a contribution to help that organization succeed and flourish. CFC offers you the convenience of payroll deduction to give to those charities of your choice.

On behalf of the entire 2009 Illowa Bi-State CFC Local Federal Coordinating Committee [LFCC] and the countless recipients benefiting from your generosity, thank you for your time and consideration.

**Salsa** CFC co-chairs Teresa Hutcheson, JMC, and Mark Kane, Garrison-Rock Island Arsenal, serve JMC employee Karyl Hughes during the JMC Salsa Cookoff.



**General** JMC Commander, Brig. Gen. Larry Wyche, samples salsa from the JMC CFC Salsa Contest bringing awareness to this year's campaign. JMC Deputy to the Commander Jjuyi Hewitt's salsa was selected the winner.

**Pumpkin** Is it the Great Pumpkin?



**Old School** Members of the JMC Human Resource Division show their inner "funk" during the pumpkin decorating contest.

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# NDIA recognizes engineers

**By Audra Calloway**  
**Picatinny Arsenal Public Affairs**

PICATINNY ARSENAL, N.J. – Seven Picatinny employees and installation members were recently honored by the Picatinny Chapter of the National Defense Industrial Association at the organization's 29th Annual Firepower Awards Program luncheon at the Skylands in Randolph, N.J., Nov. 12.

More than 400 event attendees were on hand to watch Picatinny NDIA Chapter Chairman Victor Guadagno and Maj. Gen. (Ret.) John Michitsch recognize the Picatinnyans for their significant contributions to the defense of the country.

Since 1981, 300 individuals from government and industry have received the award.

The following employees were honored during this year's ceremony:

**Raymond E. Carr**  
**Firepower Technology Award**

Carr began his career at the Armament Research Development and Engineering Center in 1983 and is currently the director of ARDEC's Terrorism Technology Team. As this program management team lead, he is responsible for the rapid development and fielding of technologies that help our Soldiers and Marines defeat asymmetric threats.

Carr's efforts have led to the fielding of five different Counter-Improvised Explosive Device systems and the establishment of many development programs.

**Victor J. Galgano**  
**Victor Lindner Development Award**

Galgano has served in a variety of engineering and management positions since beginning his career at Picatinny in 1967.

He recently completed a 16-month assignment serving as Acting Competency Director of the Fire Control Systems and Technology Directorate at ARDEC and currently serves as the Deputy Director at the FCS&TD, where he is responsible for directorate operations.



*U.S. Army photo courtesy of Picatinny Arsenal*

**Achievement** Selected award winners by the Picatinny Chapter of the NDIA's 29th Annual Firepower Awards Program.

**Philip T. Gorman, Jr.**  
**Wilfred Hosking Production Award**

Gorman began his career at ARDEC in 1983 as an engineer in the Fuze Division. He became the Fuze Competency Manager of the Fuze Division in 2003 and is also the Army representative on the Joint Fuze Technology Panel, which oversees the Joint Fuze Technology Program. Gorman is also involved with the 2005 BRAC recommendation to consolidate ARDEC's fuze expertise to one location here at Picatinny.

**Philip J. Magnotti**  
**Firepower Technology Award**

Magnotti is the supervisor for the Future Munitions and Technology Branch in ARDEC's Non-Line of Sight Cannon Artillery Projectiles Division and also supports the Office of the Project Manager for Combat Ammunition Systems. He has acted as an ARDEC project officer, technical expert and integrated product team leader for many cannon artillery programs. Magnotti has received two PM CAS Outstanding Engineer of the Year Awards, as well as a 2003 Army Research and Development Achievement Award.

**Barbara A. Muldowney**  
**Firepower Management Award**

Muldowney is currently the Deputy Product Manager for Individual Weapons under Project Manager Soldier Weapons in the Program Executive Office Soldier.

*"NDIA" continued on page 11*

# ARDEC breaks ground on new fuze center

By Audra Calloway  
Picatinny Public Affairs

PICATINNY ARSENAL, N.J. - During a ceremony here Nov. 13, Picatinny officials kicked-off the first of six renovation and construction projects that will collectively create Picatinny's Fuze Engineering Complex.

The construction of this multi-building complex will bring the entire Armament Research, Development and Engineering Center Fuze Division to Picatinny as part of the 2005 Base Relocation and Closure recommendation to establish a joint center of excellence for guns, weapons and ammunition research, said Vicki Naujokas, Picatinny BRAC Project Manager.

Forty-five of ARDEC's more than 100 Fuze Division employees are stationed in Adelphi, Md., where they work on fuze science and technology efforts. These positions will relocate to Picatinny as a part of the 2005 BRAC decision, said Naujokas.

The Fuze Division is responsible for the entire life cycle of fuzes, including safing and arming devices and setters for fuzes in a wide variety of munitions, she said.

The complex will be located in various buildings throughout Picatinny, but collectively, these buildings will create a state-of-the-art fuze compound that will increase ARDEC's ability to provide service members with the most advanced weapons technology in the world, said Dr. Joseph A. Lannon, director of the Armament Research, Development and Engineering Center.

Lannon and Brig. Gen. Jonathan A. Maddux, Picatinny Commanding General, were the featured speakers during the ground-breaking ceremony

of Building 6, the first building to be renovated for the project.

"Today's groundbreaking... is an important part of our installation's future as it transforms (Picatinny) from the largely Army research, development and acquisition facility it was during the last 30 years to a joint center for excellence for guns and ammunition that the 2005 BRAC commission envisioned," said Maddux.

"Once viewed by some as a candidate for relocation and closure, Picatinny's immediate future appears bright," Maddux continued. "The importance of our mission in support of our nation's warfighters is recognized at the highest levels of government, judging by the new construction we are experiencing."

Lannon said the ground-breaking was significant because it represents an awareness at Picatinny, and in the Department of Defense, of how crucial it is for ARDEC to continue to evolve and enhance its research capabilities if it is going to remain relevant for our nation's warfighters.

While Building 6 will be renovated to include the administrative office space and a fuze laboratory, other complex developments will include:

- Construction of a fuze explosive research building
- Construction of a fuze electromagnetic research building

- Renovation of the anechoic chamber in Building

407 and

- Construction of two ammunition storage bunkers to support the increased fuze mission.

Once completed, the \$18 million Fuze Engineering Complex will centralize fuze engineering expertise and facilities, ensuring ARDEC's continued leadership in fuze technology and the development and production support of a wide range of munitions for joint-service warfighters, Naujokas said.

The new facility is expected to begin occupation in Fall of 2011, she said.

This was Picatinny's second recent ground-breaking event. Officials also broke ground on a new naval packaging, handling, shipping and transportation facility Nov. 9.



U.S. Army photo by Todd Mozes

**New** Picatinny, Army Corps of Engineers, and contractor, Benard Associates representatives, break a wall to officially begin construction of the ARDEC's new fuze engineering complex. The five-building complex is scheduled to open in October 2011.

# At the heart of the ammo mission



**Mission** Sgt. Geoffrey Holdorf, an ammunition specialist, transports AT4 tubes for retrograde.

## By Capt. Amy Flores Special to the Bullet'n

During the last year, we have stepped up the withdrawal of both troops and equipment from Iraq, including the retrograde of live munitions. This is quite a daunting task as, over the years, ammunition storage points have accumulated millions of dollars worth of Class V. Identifying, handling and safely moving ammunition around Iraq, Kuwait and Afghanistan requires a great deal of safety precautions. These responsibilities are primarily handled by Joint Munitions Command Ammo Logistics Assistance Representatives and Quality Assurance Specialists (Ammunition Surveillance) located at the ammunition transfer and holding points. As a Sustainment Brigade with control over Multi National Division-Baghdad and Multi National Force-West, we provide oversight of five such ATHPs.

As part of our ongoing responsible withdrawal mission, we are retrograding a particular anti-tank weapon—the M136 AT4 Anti-Tank Rocket, which is the Army's primary light anti-tank weapon; a recoilless rifle used primarily by infantry forces for engagement and defeat of light armor. It is a

lightweight, self-contained, anti-armor weapon consisting of a free-flight, fin-stabilized, rocket-type cartridge packed in an expendable, one-piece, fiberglass-wrapped tube. Since our arrival in Iraq began roughly eight years ago, we have shipped thousands of AT4s into theater.

As we have started to retrograde these items, we have discovered that there is a show-stopping shortage of the particular pins used to safely secure the AT4s for shipment. These trans-

port safety pins, which are required by regulation to move the AT4s, have been absent in theater since about 2008, and so far this year, the orders through TACOM Life Cycle Management Command have not produced the correct-sized pins—bringing the overall movement of this high-value weapon to a screeching halt.

An inventory of Camp Taji real estate revealed a warehouse on the Iraqi side filled with more than 500 expended AT4 tubes. Upon receipt of this news, our 96th SB Class V Officer, Capt. Gabriel Flores, began planning with Denise Batchelor, JMC Ammunition LAR/QASAS, to rectify the situation. In a combined effort to remove the expended tubes of these serial numbered U.S. munitions from the Iraqi property, as well as salvage as many Transport Safety Pins as possible, they planned a mission with our brigade's ammunition handlers, Taji Explosive Ordnance, Taji Mayor Cell and military advisor teams from both the Air Force and Army.

The first mission was conducted Nov. 6 and the team successfully retrieved more than 200 empty tubes and 60 transport safety pins. However,



**Pins** Capt. Gabriel Flores carries more than 100 pins to Camp Taji.

*"Mission" continued on page 9*

# Wounded Warriors enjoy



U.S. Army photo

**Warriors** Wounded Warriors from Fort Knox, Fort Campbell and Blue Grass Army Depot personnel pose after the second deer hunt during which 20 deers were bagged with muzzleloaders.

## Blue Grass Army Depot News Release

RICHMOND, Ky. -- Drowned out by the roar of a dozen motorcycles from the Patriot Guard Riders, a police escort and the Commander's Humvees, the Soldiers shouted and waved as they met their escorts just off of Interstate 75 on a dark, cold night recently.

Thirteen wounded warriors, some for the second time this year, were then escorted to Blue Grass Army Depot for a free weekend of food, fun, deer hunting and camaraderie.

For the first time, BGAD employees and area organizations opened their hearts and wallets in support of Soldiers from Fort Campbell and Fort Knox who are part of the Army's Wounded Warrior Program. The weekend was designed to provide Soldiers injured in Iraq or Afghanistan with an opportunity to forget about their inju-

ries for a while and spend an enjoyable no cost weekend deer hunting.

Depot employees donated their time, money, hunting equipment and expertise during the two recent deer hunts on the depot. Proceeds from the depot's dunking booth during Employee Appreciation Day this summer also helped defray some of the costs of the Soldiers' hunting weekends.

Free hunting licenses, free homemade meals and billeting, donated gifts and escorts were made possible by various community organizations and companies.

"A few years ago, while working in the Pentagon, I had the opportunity to periodically visit with some true American heroes in the rehab center at Walter Reed Army Medical Center. Those visits turned into a trip to the NRA museum and shooting range with a severely injured Soldier. We

had a great time and at that point we knew that setting up a wounded warrior deer hunt would only be a matter of time. The outpouring of generosity and support to make it happen by depot employees, family members and the community was outstanding," said Blue Grass Army Depot commander Col. Joseph Tirone.

Numerous depot employees, family members, members of local communities and several commercial organizations went out of their way to make the two hunts very special for these Soldiers. "The wounded warriors were thrilled with the hunts, their guides and the support they received while at Blue Grass. From the escort in by the Patriot Guard Riders to the outstanding guides and home made meals, it was all just a first class act.

The experience contributes significantly to "Hooah!" or healing outside

# deer hunt at Blue Grass



U.S. Army photo

**Trophy** Spec. Catlin Mixson poses with the deer he shot during the second deer hunt held at the Blue Grass Army Depot.

of a hospital” said Sgt. 1st Class Ron Gullion, of Fort Campbell.

“It’s a testament to the way the employees here feel about Soldiers and veterans. We had a new group of riders trained by Department of Defense and by depot safety personnel to meet and provide escort to these Soldiers,” said Steve Verrigni, Patriot Guard Rider senior ride captain. “I’m honored to do this.”

The Patriot Guard Riders also awarded challenge coins to each Wounded Warrior who arrived for both hunts.

“We wanted them to enjoy the hunting experience and have ‘an arm chair hunt’ where they could sit back and we did all the work. We even had volunteers who field dressed the deer the Soldiers bagged and packed the meat in ice so they could take it home,” said Sgt. Maj. Paul Baxter, depot military affairs.

“We had so many volunteers that wanted to help with this we that we had to turn some away. It was a great opportunity for depot employees to meet and honor these Soldiers. Many of us made lifetime friends.” stated Tim Robinson of the depot’s environmental office.

Thirteen wounded warriors participated in the first bow hunt in September during which they harvested seven does with compound bows and cross bows. That weekend’s activities culminated in a

dinner for the Soldiers and volunteers attended by approximately 65 people. During the November muzzleloader hunt, the depot was shut down for the hunt and 20 deer were taken including several nice bucks. The second hunt also concluded with a large barbeque and party with food provided by the Richmond Elks Club.

Tirone, an avid deer hunter himself added, “This is what it’s all about, taking care of those who have made major sacrifices for our country. When the wounded warrior I was escorting shot his buck, I don’t know which of us was more excited. The event was as rewarding to the Soldiers as it was to the guides and everyone that helped make it a success. These two weekend hunts created lifetime memories and friendships.”

The Army Wounded Warrior Program is the official U.S. Army program that assists and advocates for severely wounded, ill, and injured Soldiers, veterans, and their families, wherever they are located, for as long as it takes.



**Welcome** Blue Grass Army Depot employees greet the Soldiers before the start of the deer hunt.



*Spotlight on*

# Lean Six Sigma

## Quality assurance benefits from Green Belt project

**Submitted by**  
**JMC Product Quality Management**

ROCK ISLAND ARSENAL, III.  
-- Product quality managers now have a new way of doing business and their Quality Assurance Procurement Package Input stands to fare better too. Thanks to a Lean Six Sigma Green Belt project, the overall cycle time for the QA portion of the PPI was reduced also.

The team was tasked with improving the Product Quality Management output for future recognition of reductions in management reviews. The scope of the project was to reduce the overall cycle time to less than 30 days and improve first pass yield to 85 percent.

The project team analyzed fiscal year 2008 PPI records to determine the current process capability. This was done to determine cycle time averages and the amount of rework required to effectively complete PPI. The project produced improved operating procedures, mistake-proofing efforts and process modifications. All were tested during a pilot program.

The team assembled to carry out the project initially consisted of four core team

members. The team was later reconfigured with support from eight subject matter experts, who were involved in root cause and solution selection, one financial validator and 12 additional product quality managers who supported the pilot testing.

"The eight original product quality managers were team leads but we also wanted to consult with leaders of the executing staff. We wanted their buy-in before identifying a solution or making changes," said Bryan Arensdorff, lead JMC Production Quality Manager.

During the pilot phase improvements were made to the process itself to control the work in progress for the secondary review. Standard operating procedures were written to better explain requirements and mistake proofing mechanisms were incorporated into the contract clause selection worksheet to prevent frequent errors.

By creating a team of secondary reviewers, instead of relying on one subject-matter-expert, there was significant improvement in review cycle

times by controlling Work In Process. Through improvements to the operating procedure the PQMs were provided with more thorough descriptions of how particular requirements applied to the items planned for procurement. In the analyze phase, it became clear that a small number of the QA requirements caused a large number of problems for the PQMs.

"We had confusion regarding the application of first article test clauses and of the different types there was confusion (regarding) which were applicable. There was also confusion about the propellant reassessment clause," said Arensdorff.

To prevent reoccurrence, simple modifications were made to the selection tools, which provided easy to understand questions to make programmed selections and provide a method for PQMs to further justify selections.

Although the Quality Assurance office anticipated minimal Type II cost avoidance saving, approximately \$3,000 to \$6,000, there was a greater need to improve a lengthy process. Final resource validation was \$6,354.12 in Type II Cost Avoidance.

### Did you know?

If you haven't had LSS training, it's not too late. Log on to TED and search "Lean Six Sigma".

# A thank you from Army Working Capital Fund installations

**By Mickey Clay**  
**JMC Headquarters**

ROCK ISLAND ARSENAL, III. -- A recent Green Belt project makes forecasting of ammunition logistics easier, and Army Working Capital Fund installations can thank Lean Six Sigma.

The project was intended to more accurately forecast the dollar value of orders issued by the Joint Munitions Command functional program managers. The ammunition logistics work would take place at the five AWCF sites (Blue Grass Army Depot, Richmond, Ky.; Crane Army Ammunition Activity, Crane, Ind.; McAlester Army Ammunition Plant, McAlester, Okla.;

Pine Bluff Arsenal, Pine Bluff, Ark.; and Tooele Army Depot, Tooele, Utah).

The project focused on the various ammunition logistics mission areas managed by the JMC including receipts/issues, inventory, surveillance, re-warehousing, Care of Supplies in Storage, and maintenance. The JMC mission budgets and sources of funding (OMA base and OMA supplemental) and existing work-loading system (Logistics Workload Module) were also reviewed.

The team carrying out the project consisted of five members; four at JMC headquarters and one from Resource Management at Tooele Army Depot.

The team's work project ensured

the most up-to-date workload forecasts were considered in development of the AWCF execution plans. Also headquarters functional managers and the G8 were involved up front in providing guidance and instructions to the AWCF sites for development and submission of the plans. A test pilot allowed two of the installations to input simulated data and work out any glitches. According to Mickey Clay, Chief, JMC Revolving Funds Division, "Tooele and Blue Grass participated in our pilot run for the improved process."

Although not completed as soon as originally planned, the project was successful. Additionally, \$6,000 in Type II savings were documented.

## **Mission** continued from page 5

during this operation, the Soldiers and QASAS recognized that there were some live anti-tank rockets and rocketry of possible Russian origin in the warehouse. They safely segregated those items until Explosive Ordnance Disposal could properly dispose of them.

After the area had been cleared, the team returned to complete the mission of clearing the expended AT4 tubes, over 50 Dragon AT missiles and assorted ordnance of unknown origin. Overall, the ammunition specialists from the 96th SB recovered more than 300 transport safety pins. Because they are such a high-demand item, they were hand delivered to the AMC ammunition manager in Balad for distribution throughout Iraq in order to

retrograde AT4s in accordance with the responsible drawdown plan.

With each anti-tank missile valued at more than \$1,100, being able to successfully transport more than 300 of them for future, as opposed to demilitarize and the costs associated with the demil, has saved the U.S. military an estimated one million dollars! Who says it doesn't pay to recycle?

The Camp Taji QASAS team sings the highest of praises for the 96 SB's efforts in accomplishing this mission. Not only were they able to recover hundreds of pins, directly impacting the movement of ammunition throughout Iraq, but they safely identified, secured and turned in live ammunition that was found on the Iraqi side of Camp Taji. This act alone prevented

the munitions from falling into the wrong hands—giving the terrorists one less chance for using our ammunition against us. Denise Batchelor stated, "I hope we will someday be able to find out how these AT4 tubes came to be in this warehouse. I am sure there is some history there, but for now I am very grateful to all those who helped get them back into our ATHP."

It is evident that our Class V team sets the mark for being subject matter experts in ammunition—far exceeding expectations placed on them as a brigade staff. Next time you see them, please congratulate them for the great credit they have brought upon themselves, the 96 SB and the U.S. Army—and also for saving some of our hard earned tax dollars!

# DAC begins open burning and open detonation air emissions initiatives

**By Jaime Thompson**  
**Defense Ammunition Center Public Affairs**

McALESTER, Okla. -- Open burning and open detonation (OB/OD) of munitions and their energetics is an essential treatment technology for reducing the stockpile of excess and obsolete strategic, tactical, and conventional munitions. With more than 500,000 tons in queue for demilitarization, OB/OD continues as the safest and most efficient process for treating large quantities of waste military munitions.

As the leading capability integrator for demilitarization, the Defense Ammunition Center Technology Directorate, has been at the forefront of maintaining the viability of OB/OD from an air emissions perspective.

"DAC gathered OB/OD emissions data obtained from open range, Bang Box, and tunnel tests conducted at Dugway Proving Ground, Sandia National Laboratories, and the Nevada Test Site," said Ryan Williams, DAC Environmental Engineer. "We then coordinated review of this compilation of OB/OD air emissions data by the Joint Ordnance Commander's Group (JOCG) Demilitarization and Disposal Subgroup (D), JOCG Environmental Subgroup (E), and the Clean Air Act Services Steering Committee (CAA SSC)."

In July 2009, DAC personnel met with the United States Environmental Protection Agency to present the draft document for publishing in the AP-42 emission factor clearing house. The EPA approved submission of this new chapter, "Chapter 16 – Emission Factors for Demilitarization Processes: Open Burning and Open Air Detonation," to its AP-42 database. The document is currently being

formatted to meet AP-42 criteria for final submittal to EPA.

The work to compile historic OB/OD air emissions data has provided demil and environmental communities with an integrated set of OB/OD emission factors. "Publishing this data in AP-42 should allow easy access to air emissions data and save resources for installations when obtaining or renewing permits for OB/OD units," said Williams.

DAC is also currently leading several air emission testing efforts, including work with China Lake Naval Weapons Station and U.S. Army Corps of Engineers - Construction Engineering Research Laboratory, to improve areas of lower data quality within the proposed Chapter 16 submittal in order to keep the data current and accurate. Chapter 16 will continue to be updated as new data is collected.

In addition to efforts relating to past and current OB/OD air emissions, DAC has worked with JOCG (D) to develop a standardized DOD review protocol for emission factors from OB/OD of ammunition items. This process will allow for Department of Defense review and approval of Test Plans, prior to conducting the proposed testing, and then subsequent review of the results. DOD review of this material will ensure that air emissions data submitted to AP-42 is of the highest quality possible. The DOD review protocol has been reviewed by JOCG (D), JOCG (E), and the CAA SSC, and the final document has been submitted to the JOCG for approval and distribution.

With the past, current, and future OB/OD air emissions under control, DAC has taken a major step towards sustaining a crucial demilitarization operation.

## Award

*continued from page 1*

Cost avoidance at the project's installation was \$121,000, and other JMC installations are using the process resulting in cost avoidances of more than \$7 million, Tutt said.

"Key to our being seen as the best is that we're tracking this effort. We're not just saying we're good. We've been saying we're getting better, and we have the measures to say where we are and where we're going," Tutt said.

Tutt sees a bright future as well as challenges for JMC's LSS program.

"Our Commander [Brig. Gen. Wyche] has made it clear: We're not to looking not at just ourselves in the Army, we're looking at how to be world class. Industry has been doing LSS for two decades. So that's a pretty lofty goal," he said.

## Scranton employees trained to respond to an emergency

By Linda Gumas  
Scranton Army Ammunition Plant Public Affairs

SCRANTON, Pa. -- The Scranton Army Ammunition Plant government staff received its Automated External Defibrillator (AED) and Adult/Children Cardiopulmonary Resuscitation (CPR) refresher training from the Scranton chapter of the American Red Cross in December.

The government staff practiced the proper operation of its "HeartStart OnSite M5066A" AED, and adult/children CPR skills. After passing three comprehensive tests, an American Red Cross completion certificate is awarded to each attendee.

Legal protection of those individuals trained in CPR comes under the "Good Samaritan Law," passed in all 50 states, which protects people who willingly give emergency care to an ill or injured person without accepting anything in return.



U.S. Army photo submitted by Scranton Army Ammunition Plant

**Training** Scranton Army Ammunition Plant first responders take CPT training with American Red Cross instructor Kristen Sampson.

## Training continued from page 4

She has more than 27 years of hands-on experience with design, manufacture, test, evaluation and use of all individual weapons, ammunition and target acquisition and fire control systems.

### Marilyn Phillips Chapter Appreciation Award

Phillips and her husband, Maj. Gen. William Phillips, moved to Picatinny in June 2007. Since arriving at Picatinny, Phillips has joined other spouses in helping military members, Family members and civilians support the Picatinny mission.

She has served as the honorary president of the Picatinny Military and Civilian Club, providing guidance and oversight on how to best serve the Picatinny community. Phillips has also lead the Picatinny Military Spouses Coffee Group and volunteered her time in support of the Army Emergency Relief Campaign, vacation bible school and

numerous Army Community Service events such as blood drives, monthly mailings and Santa's Helper.

### Henry T. Rand, Jr Wilfred Hosking Production Award

Rand began his career at Picatinny in 1981 and has served in numerous engineering management positions in support of the research, development and production of mortar systems and the production and sustainment of munitions.

He is currently the acting deputy director of ARDEC and is responsible for the research, development and engineering for a broad spectrum of armament technologies and products that support both current and future fighting forces.

Rand has received an Army Research and Development Achievement Award, as well as a Department of Defense Value Engineering Team Award. He also has one U.S. patent.

# Radford housing accomplishes its mission

**By Rikeshia Davidson  
JMC Public Affairs**

RADFORD, Va.- Perhaps good news has spread fast. Or maybe current economic conditions are at the forefront; no matter the cause, the Radford Army Ammunition Plant family housing complex has soared in popularity.

“(There’s) usually a waiting list,” said Betty Roop, staff housing specialist.

A small well-kept community, Radford’s housing complex sits just beyond Peppers Ferry Road. Featuring quaint homes built in 1941, the area has undergone cosmetic surgery, and the improvements continue to make the area a hidden treasure.

As the staff housing specialist of the Radford Army Ammunition Plant Staff Village, Betty Roop has worked to make the housing area a real community for the families residing there. The goal of making every house a home has always been a priority, but a face lift has taken place to ensure a new look and feel overtakes every home.

Beginning in 2006 with then commander Lt. Col. Ronald Fizer (July 2005 – July 2007), the housing village began its transformation. Two leaders later, the improvements continue.

Roop mentioned the number of projects Fizer saw during his tenure (five) and the critical five-year plan that served as a roadmap to future improvements.

“We had a Project Prioritization System that would prioritize which projects we had. And we told them (Army Materiel Command) which ones we would like to do first and then they would give us the



**Playtime** The housing section includes a playground area for younger residents.

funds,” said Roop.

While it sounds easy enough, the projects were in the making and now that they’re underway, residents couldn’t be happier.

Four weeks into their arrival at Radford, Air Force Lt. Col. Patrick Marshall and his wife, Pamela, formerly of Langley Air Force Base, Hampton, Va., worked hard in their yard adding the finishing touches to their new home.

“We like it better because it’s a nicer neighborhood. It’s more spacious and we’re comfortable. The neighborhood we were in was big--it was a large military neighborhood,” said Lt. Col. Marshall.



**Home** Housing at the Radford Army Ammunition Plant makes for a comfortable living.

With 21 years of experience, Lt. Col. Marshall can attest to what he likes and dislikes in a new area: from neighbors, houses and value.

“A very friendly staff; they help take care of the neighborhood. That was lacking at our last neighborhood.”

And for those lucky enough to make the list of potential residents, like the Marshalls, Roop talked about the benefits of living on Radford AAP.

“Housing” continued on page

## *10 Key Indicators of terrorist associated insider threats to the the Army*

1. Advocating violence, the threat of violence, or the use of force to achieve goals that are political, religious or ideological in nature.
2. Advocating support for international terrorist organizations or objectives.
3. Providing financial or material support to a terrorist organization or to someone suspected of being a terrorist.
4. Associations with or connections to a known terrorist.
5. Repeated expression of hatred and intolerance of American society, culture, government, or principles of the U.S. Constitution.
6. Repeated browsing or visiting internet websites that promote or advocate violence directed against the United States or U.S. Force, or that promote international terrorism or terrorist themes without official sanction in the performance of duties
7. Expressing an obligation to engage in violence in support of international terrorism or inciting others to do the same
8. Purchasing bomb making materials or obtaining information about the construction of explosives.
9. Active attempts to encourage others to violate laws, disobey lawful orders or regulations, or disrupt military activities.
10. Family ties to known or suspected international terrorist or terrorist supporters

**MOVE – Away from sound of gunfire. Swiftly, orderly, and keep moving.**

**SHELTER – If in an office with a door – close door, lock door, move away from door/out of view from windows.**

**COMMUNICATE – Call 911. Report location of incident, brief details/clearly, and stay put.**

## **Housing** *continued from page 12*

“If you can get on the waiting list and there (are) houses available--it’s the place to live. Security is very tight here. You have to have a need to come here (Staff Village). You just can’t come here,” said Roop.

Radford, situated near the college towns of Blacksburg and Christiansburg, offers overall ease for residents living on RFAAP that cannot be compared to many other areas. “We looked all over the local community. The neighbors are real tight and the houses are much smaller. It’s not a very good value living off (the installation)--living on base is a very good value for the amount of BAH, or Basic Allowance for Housing, we get for this area,” said Lt. Col. Marshall.

“We (Radford AAP) provide them electricity, water, trash pick-up, their heat and needed home repairs,” added Roop.

As residents of Staff Village, Soldiers and their Families stand to reap the benefits of extensive repair work completed on the homes.

According to Roop, some of the repairs were minor

while others will be major overhauls.

“Some are major, like your bathroom projects. They go in and gut them out, redo them (and the) same thing with the kitchen. They’re old kitchens. They just go in and gut them out--put in new fixtures, redo the walls and floors,” she said.

In addition, the kitchen remodeling projects included new flooring, cabinets, countertops and plumbing work. Interestingly, it has been the installation commander’s call when deciding the new look of the homes.

Roop said the commander selects cabinets, bathroom upgrades and the many more of the soon-to-be added features.

Radford AAP commanders can relate to effort placed into making Staff Village a livable community. As Roop explained, the condition of the Staff Village is of most importance to the leadership at RFAAP as he lives among the Soldiers as well. “He (Lt. Col. Andy Munera) lives in one himself, and he wants their quality of life to be the same as his. He shows no difference there.”