

AMC News

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Headquarters, U.S. Army Materiel Command

January 1991

War: Shield Attacks As Storm



U.S. Army Electronic Photo

Patriot: First AMC-Developed System to Prove Worth in Gulf

The Patriot works.

After years in development and criticism of its cost, the Army's anti-missile missile has become the newest hero in the war against Iraq. Affectionately named Scudbusters, the Patriots have successfully destroyed incoming Iraqi SCUD missiles and kept damage to Saudi Arabia to a minimum.

Never before tested in combat, the Patriot has performed beyond expectations. Patriot systems have been shipped to Israel to provide protection against Iraqi Scud attacks.

In addition to Apaches, Blackhawks and M1A1s, AMC is playing a significant role in support of Operation Desert Storm.

AMCCOM plays a crucial role in supplying ammunition to the troops in Saudi Arabia. Since August, AMCCOM has handled 136,799 requisitions, worth \$3.7 billion, for items ranging from pistols to spare parts for M1 Abrams.

Included in the requisitions is 175,279 short tons of ammunition, or one semi-truck load.

DESCOM is providing shipment of materiel and supplies to the Southwestern Asian theater. MICOM is handling Patriots and hellfire missiles, which the Apache carries.

All of the other MSCs are in full operation and support of the United States' efforts in Operation Desert Storm.

Elements around the command are on 24-hour alert for continuing the supply mission and being on guard for possible terrorist activity.

Security here around the Headquarters building has been increased. Security personnel within the HQ facility are asking all employees to treat this threat quite seriously. All employees are asked to be alert for anything in the way of suspicious people and/or unattended packages. Checkpoints for the inspections of packages, purses and briefcases will continue. Alexandria Police have increased patrols in the area. Security Office personnel are asking that all employees cooperate with the measures in place to add to that security.

U.S. Army ground forces had not yet been ordered into action. As of this writing, the aerial bombardment of Iraq continues around the clock.

**CFC Campaign
A Success**

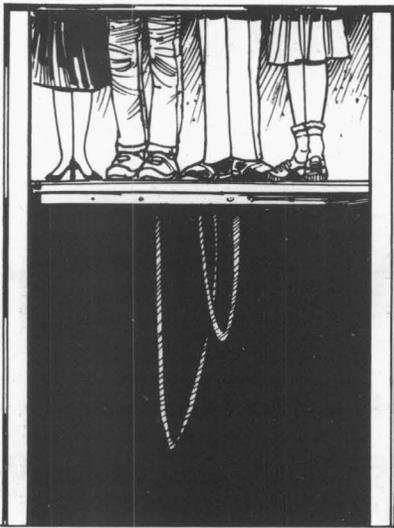
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**USASAC Woman
Visits the Desert**

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**Fitness Center
Wins OPM
Director's Award**

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By Otis

Otis is down in the shaft this month. The elevator lit up lights six and seven at the same time and he is still in transit somewhere. Otis apologizes for letting his avid readers down. When Otis get back up the shaft, his column will resume. So ... he'll converse with everyone next month.

Tech Library Support For Desert Storm Updated News Wire Reports Available

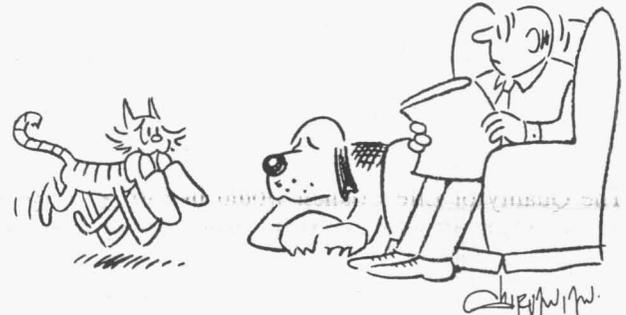
The Technical Library is continuing its support of Desert Storm which it began shortly after the initiation of Operation Desert Shield. In August, the library began providing the AMC Operations Center with daily updates of fast breaking international news stories, available from the Reuters wire service. This online database, updated every 15 minutes, 24 hours a day, contains stories filed by Reuters journalists around the world which frequently become available within an hour of filing.

For example, a search of Iraqi aircraft in Iran found stories within the last 45 minutes from London and Riyadh. There were other stories, datelined from Madrid and Nicosia, which had been filed three hours previously. Besides being current, this database offers news with the perspective of international sources and locales.

These factors contribute to the value of the information which has been used by Operations Center staff in daily briefings and distributed to AMC field offices.

With the beginning of Desert Storm, the library staff set up a revolving graphics display of photos, maps and drawings of the people, places and equipment involved in the Persian Gulf. This display covers the library bulletin board in the main lobby of the building and has been a major attraction for AMC personnel. Materials used in the display are drawn from current magazines and newspapers available in the Technical Library. A collection of these materials will be maintained in the library for use by library patrons, including the AMC History Office.

Chain of Command...



Chaplain's Corner

THE MAN WHO MISSED CHRISTMAS

By Chaplain (Maj.) Mark E. Fentress

Perhaps one of the most poignant figures in the background of that first Christmas story is the innkeeper.

I have often wondered who he was and if he even gave a second thought to Joseph's request for a room in his "motel." Apparently not. Because the Bible tells us that "Mary gave birth to her first child and laid him in a manger because there was no room at the inn."

Can you imagine the consternation of that innkeeper 30 years later when Jesus had become quite a public figure—a prophet and, ultimately, the Messiah? The thought must have pierced his soul—that the Savior of the world had been born right under his nose and he had missed it!

That obscure innkeeper of old captures our imagination. For one begins to wonder—why did he miss Christmas and the Christ born that holy night? Indeed, why does anyone miss Christmas?

The answers to that question are numerous as there are people in the world.

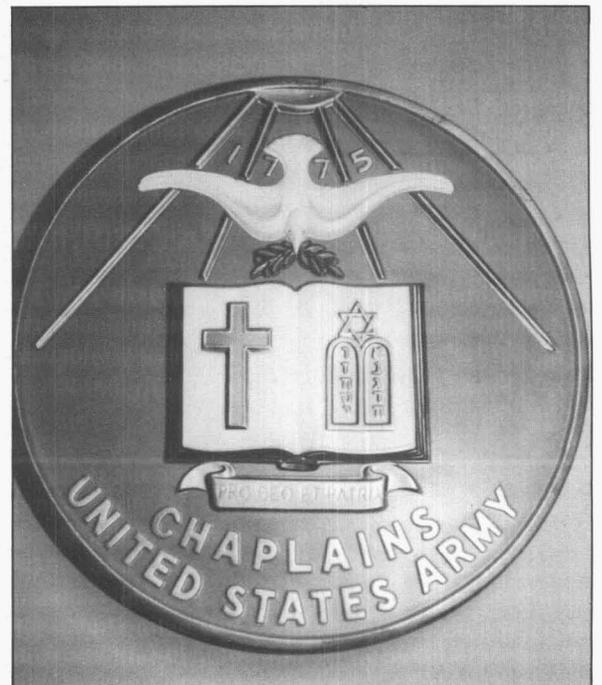
I believe one reason stands out.

I think that the major reason this innkeeper missed Christmas, and missed Christ, was that he was not expecting Him. He was not really looking for Him because his mind and his commitments were elsewhere, perhaps on making "big time bucks" with his chain of motels across Judea. Or maybe he was just "too busy" for God. And so, his life of quiet desperation continued without God.

Dear Friends: If we are not careful, we, too, can fall into the same trap as the innkeeper—of letting life's hectic activities and the drive for materialistic gain crowd Christ out of our Christmas and out of our lives.

If we do that, we will end up missing God's greatest Christmas gift to the world—His Son! And that's a gift you cannot afford to miss!

I hope that each and every one of you had a blessed Christmas and Hanukkah season.



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Commander Gen. William G.T. Tuttle Jr.
Chief, Public Affairs Col. Douglas H. Rogers
Editor Gregory J. Mahall
Assistant Editor Christine Born

Hqs Briefs

FORMER AMC AIDE IN SAUDI

Lt. Col. Jerry Wiedewitsch is the commander of the 2nd Battalion of the 1st Armored Division's 67th Armored Regiment which has been deployed to Saudi Arabia. You may remember Wiedewitsch as the aide de camp to former commanding general Louis C. Wagner from April 1987 to December 1988.

ENGINEER DINNER

The 124th annual Engineer's Dinner will be held on Thursday, February 21 beginning at 6:30 p.m. at the Fort Myer's Officer's Club. Cost is \$32.00 per person. Military dress is Army Blue Mess or Army Blue with bow tie. Civilian dress is tuxedo or dark business suit. All active, National Guard, reserve and retired officers are invited to attend. For more info, call (703) 693-4583.

EAST SIDE PARKING

The Quality of Life Council would like to bring it to our attention that the East side parking lot is for small cars and trucks. The use of this lot by larger sized cars and trucks is hampering the parking of smaller vehicles. Owners of larger vehicles are reminded to park their vehicles in the West side lot.

INCOME TAXES

A reminder to Staff Judge Advocates: Powers of Attorney used for income tax filing on behalf of absent personnel must be IRS form 2848 or a special or general power of attorney prepared by legal assistance offices authorizing the designee to "prepare, execute and file all tax returns and to receive and negotiate all tax refund checks." For further questions contact Army Legal Assistance.

ADOPTION EXPENSES

The test program for reimbursement of adoption expense expired on September 30, 1990. Adoptions initiated prior to this date and finalized by September 30, 1991 are reimbursable through then. "Initiated" means the date of the initial home study report or the placement of the child in the home for the purpose of adoption, whichever occurs later. If these circumstances affect you and you have need of further information, contact Mr. Robert Hill at DSN 699-3242 or (317)542-3242.

CFC Finish: Goal Exceeded

By Christine Born
Public Affairs Office

The traditional season of giving may be over according to the calendar, but one organization continues to give throughout the entire year. That organization is the Combined Federal Campaign.

For the second year in a row, AMC has reached and exceeded its goal for CFC. This year, the headquarters raised \$128,358—surpassing the goal by \$6,612.

While initial contributions were slow, the pace picked up and retained a steady increase over the three full months until the goal was reached. But contributions continued to come in even after the goal ended Jan. 4.

"We received a very steady, straight line of contributions," Don Uber, the chief of the USASAC Administration and Security Division said. "We had a straight increase in money taken in."

USASAC was the organization tasked with handling the CFC this year.

An additional award which will be presented to AMC for the first time is the Honor Award. It goes to organizations which average \$75 or more contributed per person and a 70 percent or higher participation rate for the organization. AMC employees averaged \$76.13 and the command had a 79 percent participation, Cephas Thorton, a financial systems accountant in USASAC said.

AMC also has 30 people who will receive the Eagle Award from CFC. This award goes to individuals who donate one percent or more of their salary to CFC.

Capt. Marilyn Ray, who functioned as the vice chief of administration and security for CFC, said her staff used newsletters, weekly updates and

visits from the organizations CFC helps to spread the theme of this year's campaign, "Because you care, help is there."

"We invited organizations to visit the cafeteria and tell people what they are all about," Ray said.

"Initially, contributions were slow to come in, but people seemed to get into the spirit of giving around the holiday and we surpassed our goal. I think that is something to be proud of as an organization."

Back in October, Ray helped organize a tour of the Hopkins House in Alexandria. Gen. William Tuttle was the guest on the special tour open to all AMC employees.

The Hopkins House is part of the United Way and helps people to achieve economic independence and self-pride. It offers community organizations, pre-school services and youth services to those in need.

The AMC auditorium was also host to a number of programs to include guest speaker Dr. Calvin Rolark, chairman of the United Way/United Black Fund Management Services Corporation.

Other CFC charity organizations to visit AMC included Bethany House, No Greater Love and Whitman-Walker Clinic. Bethany House assists victims of domestic violence, No Greater Love cares for those whose lives have been affected by terrorist acts and Whitman-Walker Clinic helps AIDS victims.

AMC participates in the CFC as part of the National Capital Region which includes 14 commands. This year, the Army NCR made its goal for the first time in six years, raising \$2,176,033.

The CFC committee looks at the number of employees per command to determine that command's goal. AMC is made up of the headquarters, USASAC and the Joint Tactical Fusion Management Office in McClean, Va.

Tim Stone: AMC Soldier-of-the-Year



Last month, AMC News reported on the selection of AMC's NCO and Soldier-of-the-Year. Due to publishing deadlines, we were unable to give proper credit where credit was due.

Spec. Timothy S. Stone was named AMC's Soldier-of-the-Year. He is pictured with this article.

Stone is a light wheel vehicle mechanic assigned to the 95th Maintenance Company, U.S. Army Test, Measurement and Diagnostic Equipment Support Group at Redstone Arsenal, Ala. He is also the U.S. Army TMDE Support Group Soldier of the Year.

Stone originally planned to not participate in the competition, but changed his mind when he learned it could help further his Army career. He said the stress from the competition was difficult to manage at times.

"The stress was something else," Stone said. "You're never sure if you are covering all of the bases."

Stone was selected, along with NCO-of-the-Year Sgt. Patrick A. Carr, by an AMC command sergeants major board of review.

AMC News apologizes for printing the picture late.

Organizational History

Command Molded By Yearly Changes

By Bob Darius
AMC Historian

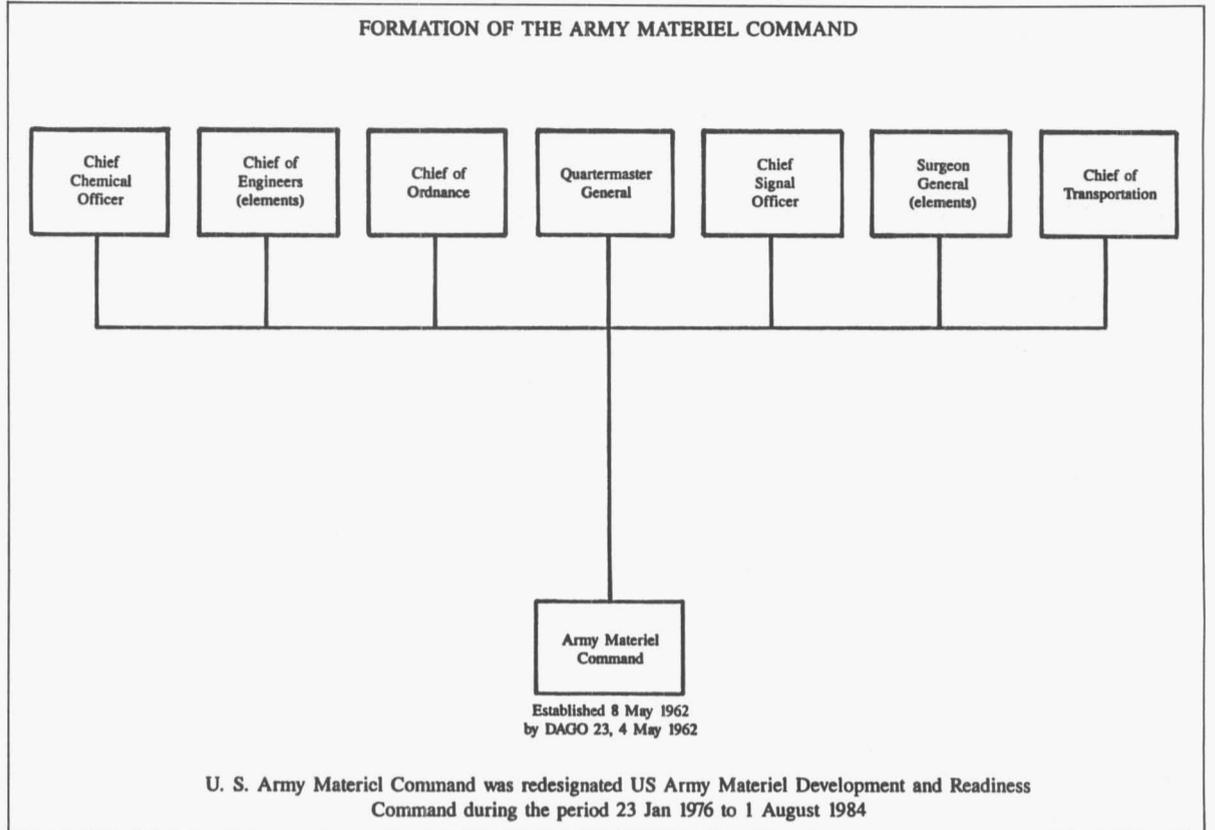
(Part 1 of 2)

This essay was extracted from a study entitled "U.S. Army Materiel Command Evolution, 1962-1989," prepared by the staff of the HQ AMC Historical Office, 1990.

Since its formation and activation on August 1, 1962, the U.S. Army Materiel Command, a major Army command, which combined most of the logistic functions of the seven technical services into a single organization, based on the Department of the Army study which recommended the creation of a "materiel development and logistics command," has seen major organizational changes.

The new Army MACOM came into being under the direction of Lt. Gen. Frank S. Beeson, Jr., who implemented the DA recommendation. AMC was originally organized into five commodity and two functional major subordinate commands: (1) the Electronics Command; (2) the Missile Command; (3) the Munitions Command; (4) the Mobility Command; (5) Weapons Commands; and the functional commands: Supply and Maintenance Command and the Test and Evaluation Command. In addition, 36 project manager offices were established to manage development of major/visible weapons and equipment.

In July 1966, the Supply and Maintenance Command, a MSC responsible for stock control, storage, distribution and transportation functions,



repair parts management and emergency planning, was absorbed by HQ AMC.

This action along with others, led to the creation of major directorates in HQ AMC dealing with supply, maintenance and transportation; international logistics; management system and data automation; and operational readiness. The absorption of the Supply and Maintenance Command into HQ

AMC affected the field programs as well. Depots and installations that reported to SMC now reported to HQ AMC. Procurement detachments were created in New York, Oakland, Los Angeles, Cincinnati and Chicago. New project managers were established at the MSC level. Ammunition plants were reactivated to meet growing needs in Vietnam. Some installations, such as Erie Proving Ground and Dickson Gun Plant were closed. Other changes also took place under now-Gen. Beeson in 1968.

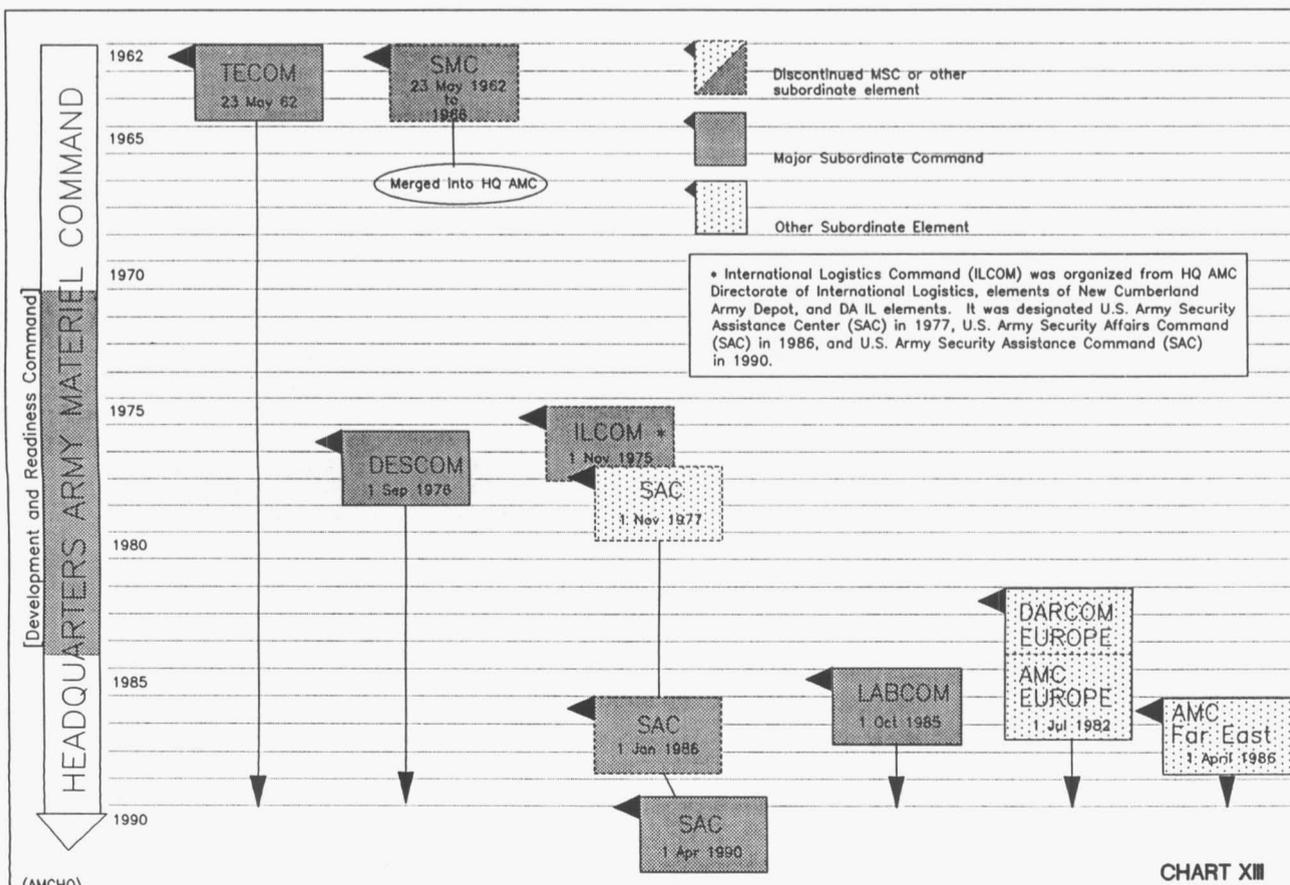
In 1969, Gen. Ferdinand J. Chesarek, AMC's second commander, initiated a major realignment of HQ AMC. This reorganization/realignment, partly driven by a DA manpower survey calling for space reductions, led to adding a third deputy commanding general and elevating the chief scientist to deputy level, cut backs on the number of PMs, increased MSC role in monitoring PM activities, decreased the CG's span of control and provided greater latitude to MSC commanders and to deputies in their specific areas.

As manpower cuts grew due to drawdown emphasis in Vietnam and general cutbacks in federal employment, AMC lost about 6,400 civilians in 1970. That loss was followed by losses of over 15,300 in 1971 and over 7,700 in 1972. Another 5,456 authorized civilian spaces were lost in 1973.

The military side also experienced cuts. These reductions were handled through attrition and a one-for-five replacement hiring freeze.

Also, in 1973, as part of the Total Optimum Army Materiel Command (TOAMAC), DA's Baseline Development and Utilization Planning Project and the Army Reorganization, AMC pulled together Electronic Command elements at Fort Monmouth, N.J.; consolidated Munitions Command and Weapons Command into a new MSC, the Armament Command; and revamped the Mobility Command into the Troop Support Command (TROSCOM).

EVOLUTION OF AMC'S FUNCTIONAL COMMAND ELEMENTS



USASAC Employee Breaks Saudi Barriers

By Christine Born
Public Affairs Office

As a member of the Arabian Peninsula Division of USASAC, Linda Schweppe spends her entire day immersed in the business of dealing with Saudi Arabia. In her wildest dreams, she, and her co-workers, never imagined they would get a chance to visit the country and people who had been only voices on the telephone.

In December, Schweppe, Lt. Col. William Morgan, the division chief for the Arabian Peninsula division, Maj. Tom Pigg and Andy Griminger made the long journey to Saudi Arabia to do several things, among them discuss several programs for Saudi Arabia which have recently been approved by Congress.

Schweppe is one of seven country program managers for Saudi Arabia, and manages the artillery and infantry programs.

When Schweppe was first assigned to the Saudi desk, she was advised of the Saudi's past refusal to conduct business with the women working in the Foreign Military Sales programs. She said she knew her chances of traveling to Saudi Arabia were hindered by this cultural aversion, and was surprised and apprehensive when asked to be a part of the trip.

"Traveling to a country where the woman's role is so different from that of the western woman's role gave me cause for concern," Schweppe said.

In the process of conducting business, Schweppe was involved in breaking new ground for women in a country, which in the past, had not dealt with women on a professional level.

Schweppe set a series of firsts: the first female civilian to visit the Royal Saudi Land Forces Building; the first woman to enter the Al-Kharj Military Depot; and the first woman to visit the Armaments Museum at the depot.

The visits to the Land Forces building to discuss the programs and the visit to the depot and museum were prompted by a visit of Maj. Gen. Thomas Lightner, USASAC commander, to those locations. Lightner was the first American general officer invited to visit these facilities.

"The Saudis were very gracious," she said. "They made me feel very welcome."

The United States and Saudi Arabia are breaking new ground in their dealings with each other, Morgan said.

"This is the first time the Royal Saudi Land Forces have entertained a U.S. civilian woman and received one on official channels," he said. "It is significant that she is the first woman to enter Saudi headquarters (the Land Forces Building). This may not seem like a big deal to us, but it is significant to the Saudis."

"The impact of Desert Shield is really impacting on their culture."

Schweppe said the Saudis were very receptive to her and spoke easily with her. "They were very gracious at all of the office calls and allowed me to present my issues—something they had previously denied as being a woman's role."

She said she knows Desert Shield has provoked unusual circumstances and she feels the Saudis viewed her as their friend, not as a woman.

Schweppe and Morgan spent most of their visit working, but they still had a little bit of spare time to observe a very different culture.

"We stayed at the Marriott, which had a beautiful pool and an exercise room, but women were

not permitted to use them," Schweppe said. "There was a guard at the entrance of the pool, monitoring access to it."

Restaurants also offered a different experience.

"Some of the restaurants don't allow women to eat in them but they can go in and place their orders," she said. "Because of those restrictions, we were forced to eat outside sitting on the curbs. While I'm sure this was not in compliance with Saudi social rules, we were left with no alternative."

At the Al-Kharj Depot, Schweppe was pre-

wore long skirts or dresses and covered her arms.

"In public, I wore an abaya, which is the black cloak, but I didn't cover my face, nor my head," she said. "I noticed when we went shopping, there were a lot of fabric stores, filled with colored, bright and flowered materials. The shops were also filled with plenty of activity and I was told that beneath these black cloaks, the women dress in vibrant colors."

Schweppe said she thoroughly enjoyed her trip and tried to remain open about the way women are treated in Saudi, but admitted that it was indeed a

Schweppe ... enjoyed her trip and tried to remain open about the way women are treated in Saudi, but ... it was indeed a culture shock.

sented with the gift of an incense burner in recognition of being the first woman to visit there and was treated to a meal of capza, which consists of goat and rice.

"We went to the dining room," she said. "They brought out this traditional meal, where everyone eats sitting on the floor and use only their right hand to eat. Dinner is also normally eaten with the men and women in separate rooms. But this time we ate together, sitting at tables and using knives and forks. It was quite an honor to be included and I really appreciated their graciousness."

In public, Schweppe wore clothes acceptable to the Saudis. In business meetings, she said she

culture shock.

"I was fortunate Col. Morgan and Gen. Lightner were very supportive in this endeavor to open new lines of communication," she said. "I really appreciated their support."

It helped that Morgan had spent a year and a half on active duty in Saudi, she said. He explained that Saudi men treat women very graciously and women are highly revered in their culture.

Schweppe returned from Saudi Arabia with an appreciation for the Saudis, their requirements for United States military equipment and a better understanding of their very different culture.

All in all, a very successful trip.



US Army Photo

A Multiple Launch Rocket System in action, is one of a variety of weapons systems being considered by the Saudi government.

Quality Corner

We encourage sharing of Total Quality Management success stories. One way to accomplish this is to send them to the AMC TQM office (DSN 284-4988). We'll put it in the Quality Corner. If you have any neat ideas for sharing success stories—let us know.

This month's TQM success story is from TACOM:

In the quest for an ever increasing quality in the defense industry, the U.S. Army and General Dynamics Land System's division recently reached another milestone. GDLS' Sterling manufacturing facility was praised for their achievement of full certification in the Army's Contractor Performance Certification Program.

In a unique ceremony held on November 8th, the Sterling facility joined the ranks of those defense contractors who have received (CP)2 certification as a result of a proven commitment to continuous quality improvement. The ceremony was unique in two different ways.

The certification was awarded to the facility by the U.S. Army Tank-Automotive Command and

the U.S. Army Armament, Munitions and Chemical Command, making it the first joint major subordinate command certification program by a TACOM contractor. The letter of certification was signed by Maj. Gen. Leo J. Pigaty, commander of TACOM; Maj. Gen. Paul L. Greenberg, commander of AMCCOM; Col. James B. Smith, of Defense Contract Management Area Operation - Detroit; and by Charles Hall, Vice President of Manufacturing at GDLS.

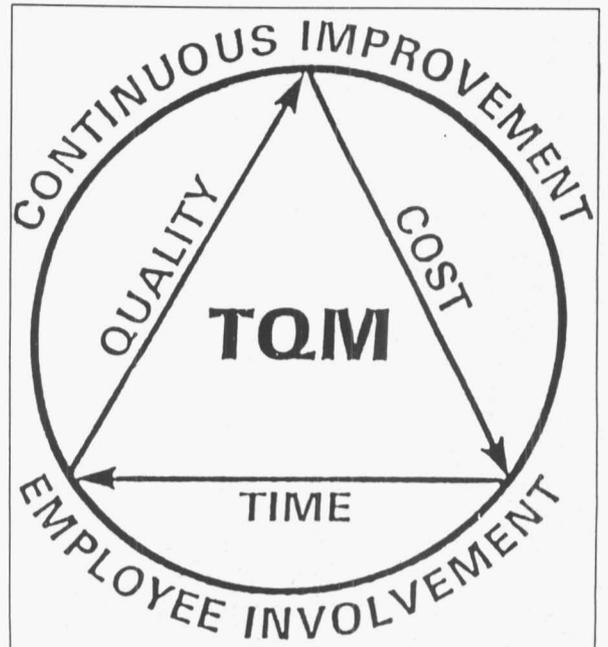
The ceremony was also unparalleled in the fact that it marks the first program in which the contractor was certified prior to the originally scheduled certification date. The Sterling facility signed a letter of intent to participate in the program on January 12, 1990, and the certification process normally takes 12 months. However, due to the contractor's exemplary performance, the certification requirements were met in just 10 months.

With the certification of the Sterling facility, GDLS has two of their four plants completely certified and flying the (CP)2 flag, which is awarded upon that certification. As Lowell Barnett, director of the TACOM Product Assurance and Test division explained, the flag "portrays the same message as the 'E' flag presented during the 1940's and World War II to contractors who had demonstrated commitment to deliver quality material."

This commitment to quality is becoming increasingly important to the way the Army does business. The troops need to have a product that is available when needed, and the Army's (CP)2 Program is a way of recognizing those contractors

who are committed to the production and delivery of a high quality product.

The Sterling facility is located in Sterling Heights, Mich., and produces tank parts for the M1A1 Abrams tank.



Fitness Alert Loss of Heat Deadly In Winter's Cold

By Jill Williamson
AMC Fitness Center

Where is that summer heat? This past summer, we worried about too much heat. Hypothermia, on the other hand, involves loss of heat, which is a common problem in cold weather exercise. This article provides an explanation of the physiological response of the body to cold temperatures and offers some tips on how to exercise in the cold weather.

By the time you are aware of the cold, the brain has already begun its response to help and get you warm. If the body is chilled even after putting on extra layers, peripheral vasoconstriction occurs, whereby the blood is directed toward the center of the body in order to maintain body temperature. With continued coldness, metabolism increases; muscle tension develops; and shivering begins in order to produce heat. If body temperature decreases to between 87 and 90 degrees, shivering stops. With extreme cold temperature, a person will become disoriented and act intoxicated. Loss of consciousness may occur when the body temperature drops between 80 and 88 degrees. Death may occur when the body temperature is between 75 and 80 degrees.

Due to the decrease in heart rate in extremely cold temperature, it is often difficult to feel the pulse, which may be misleading to someone approaching a hypothermia victim. Because of this, it is very important to seek medical attention immediately when hypothermia is suspected.

The body can increase tolerance through acclimatization, a gradual adjustment to the change in weather. After several exposures to the outside cold air, the body will become

acclimatized. The following are some helpful tips for exercising in cold weather:

—Be aware of the conditions before going outside, and dress accordingly. Wind and dampness can be just as hazardous as temperature.

—Run with a friend. According to Murray Hamlet, Director of the Cold Research Division, U.S. Army Research Institute of Environmental Medicine, most of the cold weather athletes he has treated had problems due to falling while alone and not being able to get help.

—Listen to your body. Poor judgement, cold hands and feet, shivering, and sluggishness are warning signs of hypothermia.

—Wear clothing that wicks away perspiration. Use layers to insulate. The first layer should wick away the perspiration; polypropylene is excellent for this. The outer layer should be wind and rain resistant; goretex or nylon works well. Head, hands, and feet should also be covered and well insulated.

—Take in plenty of calories. Apparently, low levels of caloric intake can reduce and individual's tolerance level.

—Be aware of the various effects that chemicals have on the body. Alcohol produces a false feeling of warmth and also inhibits the body's ability to shiver.

—Diabetics or those with thyroid disease may be less able to tolerate the cold.

—If you find someone suffering from hypothermia, give them extra blankets, or anything you can find for added insulation, and get them to a hospital as soon as possible.

AMC Donation Allows Local Students to Learn

By Christine Born
Public Affairs Office

Old software never dies, it just gets recycled back into the system. When one organization upgrades its computer systems, there's always someone else who can use what you're about to throw away.

The Director Of Information Management at AMC did just that—donated its outdated software to local Virginia schools. The schools are located in Brunswick County, Arlington County, Fairfax County and Stafford County.

After canvassing HQ AMC, local activities and Major Subordinate Commands to determine if they wanted the software, the DOIM offered it to Virginia and Maryland school districts. The four who responded received a variety of software packages to include Enable, Timeline, Microsoft Windows and Super Cal Tutor.

The districts will use the software for instructional purposes only. Most will use it in adult education classes.

"It's a good idea," Joyce Ruthven, director of the DOIM said. "We can help the schools and it helps us to clear up storage space. It wasn't doing any good here."

With cuts in school funding, many districts do

not have the money to buy software, Ruthven said.

"We are trying to find ways to re-utilize the software and to assist schools in their training curriculum," she said.

James Bersch, DOIM computer specialist, said he contacted school districts and when they said they wanted the software, he sent a list of what was to be donated for them to pick from. After all responded, Bersch divided up the spoils.

"Brunswick, which does not have a large budget, asked for copies of all of what we had to offer," Bersch said.

Wade M. Morrison, director of the Arlington County School District, in a letter to Ruthven, thanked AMC for providing the software. He wrote it will be greatly appreciated and will be used for the classes of Business Computer Applications and Office Tech II.

This marks the first time AMC has donated software and Bersch said he hopes we can provide the service to those who need it in the future.

Ruthven was happy to help the schools and was very appreciative of her staff's work. Bersch and Linda Pierpoint, the resource management and plans division chief, did a great job, she said



Chris Born

James Bersch (DOIM), Linda Pierpoint (DOIM), Mary Ellen Mehler (Arlington County Schools) and Beverly Dobler (Fairfax County School System) were on hand for the AMC presentation/donation of used software.

LABCOM Director Named Fellow in US Physical Society

Dr. Gerald J. Iafrate, director of the U.S. Army Research Office, has been selected as a Fellow of the American Physical Society.

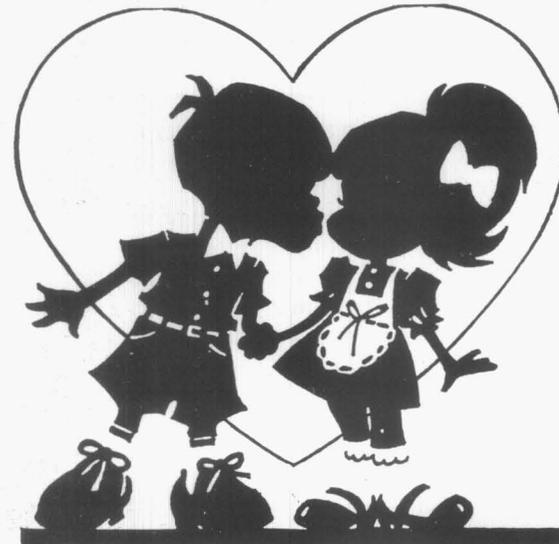
The Fellow category is reserved for eminently qualified scientists of international repute. Iafrate's appointment was based on his many years of research in submicron electronic devices. This year, fewer than one-half of one percent of the APS members became Fellows.

Iafrate has received worldwide acclaim for his theoretical investigations in the field of submicron devices research—both in the analysis and development of the complex theory of physical phenomena at ultrasubmicron dimensions. His findings have led to the conception and design of novel submicron semiconductor devices that ultimately will meet the pressing military demand for high-speed, real-time signal processing capabilities.

Iafrate earned a bachelor of science degree in physics at Long Island University, a master of science degree at Fordham University and a Ph.D. at the Polytechnic Institute of Brooklyn.

—LABCOM Public Affairs

AFRICAN-AMERICAN (BLACK) HISTORY MONTH						
FEBRUARY 1991 - CALENDAR OF EVENTS						
EDUCATING AMERICA:						
Black Universities and Colleges - Strengths and Crises						
3 (SUN)	4 (MON)	5 (TUES)	6 (WED)	7 (THURS)	8 (FRI)	9 (SAT)
			OPENING CEREMONY! 1000 Dr. Beatrice Tignor State Delegate (25th Legislative District of the Maryland House of Rep's G3E18	Ethnic Lunch in Cafeteria	VIDEO 1000 EYES ON THE PRIZE II: "The Time Has Come" Intro by Mr. Michael Sandusky DCS for Management G3E18	
10 (SUN)	11 (MON)	12 (TUES)	VIDEO 1000 EYES ON THE PRIZE II: "Two - Societies" Intro by Mr. John Mitchell G3E18	Ethnic Lunch in Cafeteria	Guest Speaker: 1000 Dr. Thomas Battle Moorland Spingarn Res Center Howard University G3E18	16 (SAT)
17 (SUN)	18 (MON)	19 (TUES)	VIDEO 1000 EYES ON THE PRIZE II: "Power" Intro by Mr. Clifford Young DCS for Supply, Maint & Transport G3E18	Ethnic Lunch in Cafeteria	VIDEO 1000 EYES ON THE PRIZE II: "The Promised Land" Intro by Ms. Muriel Slaughter HISA G3E18	23 (SAT)
24 (SUN)	25 (MON)	26 (TUES)	VIDEO 1000 EYES ON THE PRIZE II: "A Nation of Law" Intro by Mr. Ed Korte Office of Command Counsel G3E18	Ethnic Lunch in Cafeteria		
	VIDEO 1000 EYES ON THE PRIZE II: "Ain't Gonna Shuffle No More" Intro by COL Gipson DCS for Personnel G3E18	VIDEO 1000 EYES ON THE PRIZE II: "Back to the Movement" Intro by Ms. Lucille Thomas DCS for Management G3E18				



Holiday Care by AMC:

Holiday Season Deliveries: Headquarters' Pe To Any Soldier: Office Ships Gifts

By Greg Mahall
Public Affairs Office

To say that the Army Materiel Command is heavily involved with Operation Desert Storm would be an understatement. Millions of supplies, equipment and technical expertise are being dispensed daily. AMC is always involved somewhere along the line.

But there is more. AMC may take care of the military end of our soldiers in the Persian Gulf, but there are others who believe in doing more. Especially now, when the holiday season has engulfed those here on the home front.

That same holiday spirit, with the thoughts of loved ones who are not able to join in at the dinner table or the fireplace, moved some AMC personnel to supply our troops with something else. Something that would lift the spirits of those guarding the "line drawn in the sand."

Such thoughts were the guiding factors behind an idea from Carol Lightner and Jeanine Childers of AMCPE-CC.

Both were discussing who would get who and who would get what in the annual office Christmas party when the thought of the troops in the desert came to mind.

"We were talking about Christmas in general and in the office," said Lightner.

"There was the usual talk about what was going to be done in the office, when we would have it and so on," she continued, "when it hit us that it would be of better use to send the troops in Saudi Arabia something that would bring some of home to them when they're so far away.

"Instead of giving gifts to each other, let's give it to them, instead."

A great idea, but what a madcap rush to deal with.

Lightner and Childers said that the decision to do it was an unanimous one but they didn't leave quite enough time for mailing.

"We thought of this on November 9th or 10th," Lightner said. "The deadline for holiday mailings, free at Woodies, was November 15th. We had to, how do you say it, hustle."



Lightner: "... no publicity please."

And hustle she did. Lightner spent all of Saturday, November 10th at Fair Oaks Mall and other places picking up assorted items the troops in Saudi could use.

"I bought candy, cookies, hand cream, lip balm, manicure sets, paperbacks, stationary, pens, find-a-words, beef jerky, cans of fruit and games," Lightner said. "Basically everything we could think of—that wouldn't stretch Saudi customs."

Lightner said that a list sent out by the Department of the Army helped coordinate the things she bought.

The end result was that some serviceperson in the Gulf would have a happier holiday season, even though they were so far away from home.

"We wanted to do it because it was so spontaneous, it came from our hearts," Childers said. "We wanted them to know that we believe in 'em, we love them, and that



Childers: "... everyone should do it."

they're away from their homes but greatly appreciated."

"We still hope that someone who wouldn't receive something, that had no one, would get something," Lightner added. "Anything to take their mind off the situation and get a smile ... at least for one day, for a little while."

Lightner and Childers said that, even though they were doing the talking, everyone in the office contributed to make it a group project.

"It was a combined effort of everyone in Career Management and CPD," Lightner said. "Everyone appreciated the idea and if we only would of thought of it sooner, we could have done more."

But the idea is catching. Lightner said that her daughter, an 11th grader at Bishop O'Connell High School and a member of the Keyette Club, took mom's idea to school and now her club is doing it too. They didn't make the Christmas mailing deadline but that is not stopping them.

Such undertakings are occurring nationwide. AMC is no exception. Even if one soldier's spirits are lifted, Lightner and Childers think that their efforts were well worth it.

"It's a thing that could be done more in the future," Childers concluded.

"The way its been looking over there, who knows ... Valentine's Day isn't that far off."

(Since this story was written, Operation Desert Shield has attacked as Operation Desert Storm.

Department of Army officials answering the 800-number phones at the Pentagon are asking people to hold off on the sending of packages at this time. DA officials are saying that packages that are sent should be kept to a minimum and made as small as possible due to the constant movement of troops now deployed in the area.

Officials are also saying that the time lag between packages being sent and actually arriving is anywhere from two to four weeks. Actual locations of individual units cannot be released at this time due to security reasons, but people wanting addresses can call the Pentagon to obtain the proper mailing numbers for such units.)



Bonnie Braun (AMCRM, top photo) stands Force Development Division for the Marine Continental Federal Savings Bank match (Bottom photo) Chaplain (Maj.) Mark Fent Slaughter (HISA) and Sgt. James Thomas collected by HQ AMC personnel in a holiday civilian and military families who were in

Personnel Work to Make Others Happier

Sisters Aid Friend's Cancer Fight

By Greg Mahall
Public Affairs Office

The holidays have come and gone. Usually there isn't a more festive time of the year that the period that begins in late November and stretches through January 1st. A time of family and friends, sharing and caring, giving and receiving.

Such was the case among many families here at AMC. And such was the case of an AMC family taking it beyond the boundaries of AMC.

Sisters Cecelia Whitlow, AMXIG-IS, and Debbie England, AMXDO-PA, tried everything in their power to make this time of year happier for someone else, someone closer than a somewhat faceless CFC campaign. A little girl with cancer.

Cecelia and Debbie have lived in the Stafford area for the past 20 years. So had many of their neighbors and friends. A family who had been friends of theirs for this period faced the holidays with the fact that their 11-year-old daughter has cancer.

The little girl had been diagnosed as having cancer of the pelvis. Chemotherapy had been used to stunt the tumor's growth but had failed. The tumor continued to grow until it literally caused the pelvis to explode. An operation was performed in August and the little girl was in a body cast from chest to ankles until November.

Cecelia and Debbie just could not sit back. Something, anything, had to be done to help.

"We decided that we could best unite the community to support and help the little girl through a benefit dance," said Debbie.

It was an effort made not to offset hospital bills, one approached \$160,000, but to help the family enjoy the holidays a bit more and show that the immediate community cared.

"We kind of knew that we couldn't really do a lot to offset the total medical bill," Whitlow said. "All we tried to do was maybe cover the expenses for her mother to stay with her for a while and be close to her. We thought that would be a little something in the way of making the holidays easier." The little girl was



England: "... even to help a little."

being treated at the Medical Center of Virginia in Richmond.

The benefit dance was a labor in love and caring. Whitlow and England, along with another friend, Judith Lee of Stafford, called hundreds of people in the Stafford area. They put together letters, solicited donations, approached local businesses to see if they would donate cash or prizes to raffle off. Grocery stores donated gift certificates, department stores donated merchandise. All of which went into 11 separate raffles conducted at the dance.

In addition, food and drinks, donated by Coca-Cola, Pepsi, Lays and others, was sold at the dance itself. A DJ donated his services to provide entertainment and someone else picked up the cost of renting the equipment for the DJ. The local fire house donated their building for the cause. A lot of work and love went into the event.



Whitlow: "...everyone we called, helped."

"It was Standing Room Only," said England. "We sold over 1150 tickets to the event. The rescue squad picked up the girl and made a grand entrance to the event. She was so surprised and tickled pink—and she wore a pink outfit that seemed to emphasize that fact."

The dance occurred the day after the little girl's birthday and a local bakery donated a "New Kids On The Block" birthday cake, her favorite group, making the event an even huger success. Over \$5,000 was raised to support the little girl and her family. Whitlow and England were on their feet from seven in the morning to well past midnight to insure the benefit's success.

"It was a lot of hard work, but the look on her face made it well worth it," England said. "It was so crowded, there wasn't even room to dance. It had to touch everyone because there wasn't a dry eye in the place when it ended."

"So many people opened up and gave and gave and gave," Whitlow said. "Out of everyone we called, hundreds of places, only one couldn't help."

Even though the benefit is over, both Whitlow and England asked that their co-workers here at AMC remember to say a little prayer for the girl.

"Remember her in your prayers and thoughts," both sisters said, "those are free."

Both sisters were shy of the publicity being offered to them in this story. Neither saw themselves as anything more than a single person helping those in need.

Both saw the need for people to become involved, to help in the local community, to help in the "home area." Both thought nothing of the gigantic effort each had undertaken to help someone else. Both wanted to make the holidays more special for someone less fortunate than themselves.

"But please add one thing," Whitlow concluded. "Try to explain that people don't have to wait until Christmas and the holidays to things like this. Families in need are always in need—not just at this time."

"Remember to remember."



Before some of the 200 toys collected by the corps annual Toys For Tots drive. Each toy with a \$1 donation toward the drive. (far left), Gloria Haney (DCSPER), Muriel J. (Motor Pool) pose with some of the gifts from a food and toy drive. The items were given to the child during the holiday season.

Fitness Center Captures OPM Citation

AMC's Health Promotion Program, better known as the Fitness Center, has won the 1990 Office of Personnel Management's Director's Award for Outstanding Employee Health Services Programs.

OPM annually recognizes agencies that best develop employee health and assistance programs that encourage employees to take advantage of preventive measures such as health risk screening, counseling, health education and physical exercise. AMC's Fitness Center, established in 1985 in conjunction with American University, won this year's award.

Maj. Gen. Albin G. Wheeler, Deputy Chief of Staff for Personnel, along with Fitness Center staffers presented the award to the AMC Command Group in the staff meeting on December 19. Accepting the award for Gen. William G.T. Tuttle was Lt. Gen. Marvin D. Brailsford.

AMC's program is considered a model program and is routinely contacted for information on "how to start a wellness program" including legal and regulatory issues. Requests for such information and guidance total well over 100 per year.

Seventy percent of employees who have been invited to participate in the program use the center

AMC Fitness Center Is Model Program to Others

regularly. Other aspects of the Center include mobile mammography screening, healthy recipe swaps, Daily Fitness Facts, and a Fit Stop promotion table set up in the Cafeteria.

Other AMC installations received citations and nominations for the award. Letterkenny Army Depot received a citation as one of the finalists for the award. Nominated for the award but failing to qualify for the finals were programs from Sacramento Army Depot, Calif; U.S. Army Aviation Systems Command, St. Louis; U.S. Army Armament, Munitions and Chemical Command, Rock Island, Ill.; and Seneca Army Depot, Romulus, N.Y.

A reception was held at the Center in the afternoon to celebrate the winning of the award.

Even though spirits were high, and celebration was in the air, some people just could not stop doing what the Fitness Center won its award for—working out.

Sometimes, it is hard to put a good thing down.



Greg Mahall

Maj. Gen. Albin Wheeler accepts OPM Director's Award for AMC from Mark Bergel, the Fitness Center's Project Coordinator.

Command Institutes New Award

Army Materiel Command has established a new award to honor family members that volunteer their time and talent to a wide range of mission-enhancing quality of life programs.

Known as the Commander's Award for Public Service, the award is designed to recognize the importance of family members as an integral part of the AMC military and civilian community, according to Patsy Washington, coordinator of the program with the HQ AMC Deputy Chief of Staff for Personnel.

"Family members play an active role in the community life of our installations," Washington said. "They volunteer their time and talent for service members and their families. Their time and help contribute greatly to the readiness and retention of service members by providing them the support they need to meet the demanding challenges of a military life."

The award is designed to permit the recognition of voluntary contributions from individuals not employed directly by AMC. Any individual who is a family member of a military or civilian sponsor residing and/or employed on an AMC installation

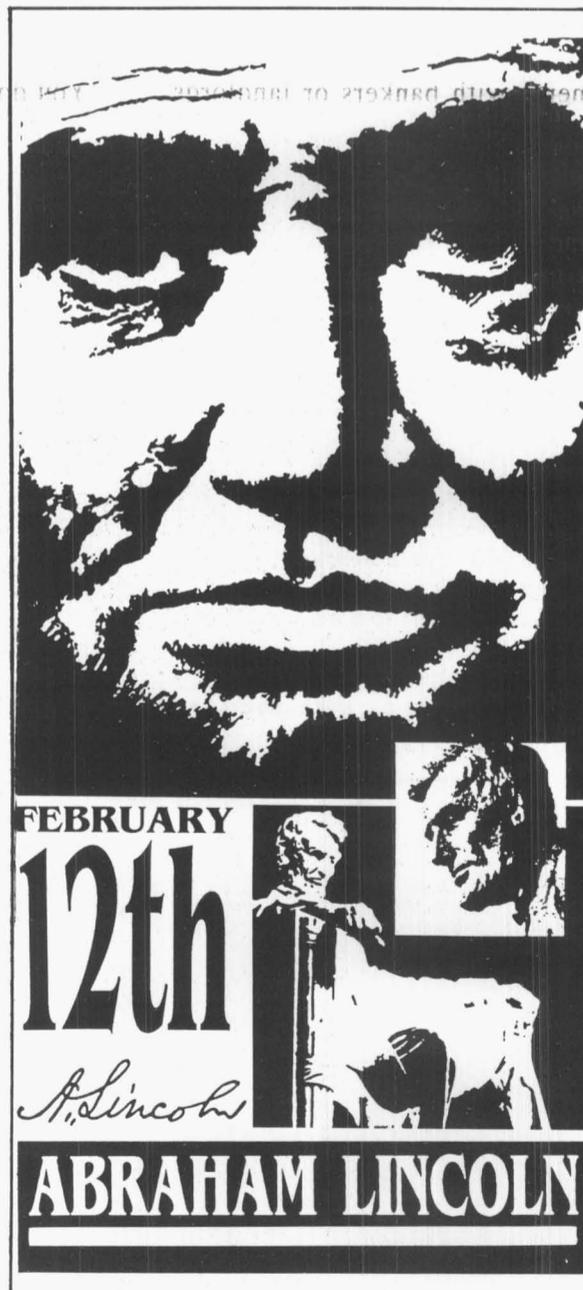
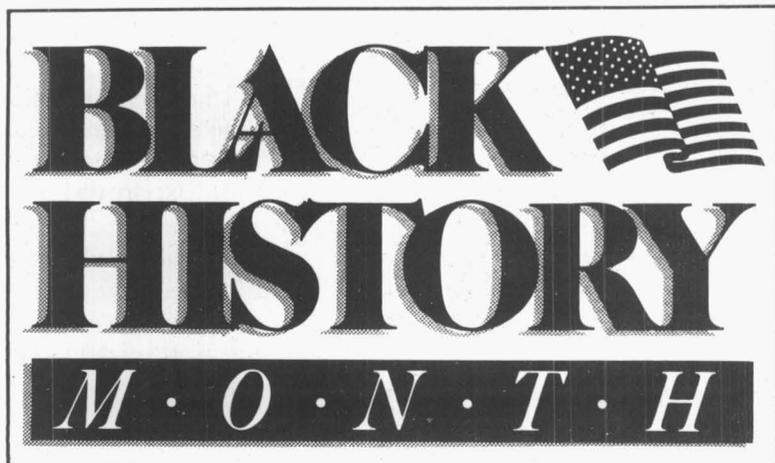
may be nominated.

"An actual AMC employee may not be nominated for the award," Washington said. "This award is designed to show the importance of other family members, that they are an integral part of our total community."

The AMC award differs from the Army level award of the same name in that there is no restriction on the period of service covering the nomination. The Army award usually requires one year of service to the community. The AMC award may be used to recognize short-term accomplishments in the community.

"Nominations should be based on achievements that have had a meaningful benefit to the AMC community," Washington continued. "These are members of the AMC community that are as vital as any others, but sometimes get lost in the shuffle. What we are trying to do is recognize them publicly and thank them for a job well done."

A memorandum outlining the nomination procedures along with criteria for selection is currently being drafted and will be transmitted to all sections of the command in the near future.



Desert Storm Logistics

Deploying the Deployed: New Matters

By Debra Fowler
VII Corps.
Public Affairs Office

STUTTGART, Germany (ARNEWS)—Never before has the U.S. Army deployed soldiers from one overseas location to another. But, it's doing it now.

Thousands of American soldiers are heading from Europe, primarily Germany, to the Persian Gulf to support operation Desert Shield. That presents a number of circumstances that have never been encountered before.

For example, where do the single soldiers' cars go?

If they don't live in the barracks, what happens to their apartments in German villages?

What about their cats and dogs and parakeets?

When unmarried soldiers in the United States deploy, these questions are answered fairly easy.

Cars go home to parents or are secured in designated lots on Army posts. The soldiers make arrangements about their houses or apartments with bankers or landlords,

who speak English. Pets can be boarded at kennels or cared for by neighbors, family or friends.

In Germany, things are more complicated.

"We've never done a process for overseas movement in the U.S.

seas Movement when you're heading here from the states," Broussard continued, "but we've never done a POM from here to somewhere else."

Broussard was tasked with setting up an 18-station POM center to prepare VII Corps soldiers for their trip

Vehicle registration officials ask each soldier what he or she intends to do with his or her car. Young soldiers often buy inexpensive German cars to use while in Germany. Because they don't meet U.S. environmental and safety standards, these cars can't be shipped back to the States. So, in that regard, soldiers usually sell them before leaving Germany.

"We want to make sure no cars are abandoned," said Sgt. 1st Class John Antes of the vehicle registration station. Antes is helping Broussard run the POM Center at Kelly Barracks.

Cars that will be kept will be put into guarded motor pools which usually house military equipment. The military equipment will, in all likelihood, also be deployed.

"This situation (with the cars) is unprecedented," Broussard said. "To have their cars stored in the motor pools, soldiers have to sign over their cars to the government and turn in their keys. We're not in the States, where other options are available ... so this is our only option."



Army—Europe before," said Maj. Paul A. Broussard, deputy commander of one of the American communities here.

"You do a Processing for Over-

to the desert.

At the POM Center, officials with various military agencies check to insure each deploying soldier's affairs are in order.

See DEPLOYED, Page 15

Honoraria Benefits Prohibited—Ethics Reform Act Says No!

Army officers, warrant officers and civilians who moonlight as freelance writers or speakers may not accept pay for their efforts as of Jan. 1.

A provision of the Ethics Reform Act of 1989 prohibits most federal employees—including military officers and warrant officers—from accepting "honoraria" for any off duty "speech, article or appearance." Enlisted military personnel, say officials from the Office of Government Ethics, are not affected.

The ban applies whether or not the article, speech or appearance is related to an officers' or employee's job. Previously, only payments for speeches or writings that were related to, or interfered with, a government employee's job were banned.

The maximum penalty under the new law is a fine of \$10,000 or the amount of prohibited honoraria received, whichever is greater.

OGE intends to propose legislation lifting the ban on pay for freelancing that has no connection to a federal worker's job. But, because the law will take effect before Congress will be able to consider its proposal, OGE has given the Army these definitions that apply to the new prohibition:

Honorarium—"A payment of money or anything of value for an appearance, speech or article by a member, officer or employee, excluding any actual or necessary travel expenses incurred by such individual, and one relative, to the extent that such expenses are paid or reimbursed by any other person ..."

Appearance—"Attendance at a public or private conference, convention, meeting, social event, or

like gathering, and the incidental conversation or remarks made at that time."

Speech—"An address, oration, or other form of oral presentation, regardless of whether presented in person, recorded, or broadcast over the media."

Article—"A writing other than a book, which has been or is intended to be published."

Officers, warrant officers and civilians may still accept pay for performances as entertainers or artists, such as musicians or actors in stage productions. Payment for works of fiction, poetry, lyrics or scripts will be allowed. Pay for private teaching, such as music lessons, will not be prohibited.

In addition, OGE is excluding some forms of compensation from the definition of honorarium; examples of these include meals incidental to an appearance; copies of publications in which one of their articles appears; awards from artistic, literary or oratorical competitions; and pay for multiple presentations while teaching a state- or locally funded course, or as part of the regular curriculum of an accredited institution of higher learning.

Pay received after Jan. 1 for freelancing performed or contracted for before the law takes effect will not be affected. In addition, an honorarium of \$2,000 or less may be diverted to a charitable organization approved as tax-free by the Internal Revenue Service. However, the amount may not be deducted from contributors' income taxes as a charitable contribution, and members of their families may not receive any special benefits from the recipient organization other than those it normally provides.

The Red Cross: Not Just For Blood Anymore

WASHINGTON (ARNEWS)—Life goes on for the families of the 500,000 American servicemembers in Saudi Arabia.

Babies are born, grandfathers die, mothers rebound from life-threatening illnesses and teen-aged brothers and sisters die on the highways.

Since Operation Desert Shield began in August, American Red Cross workers have relayed more than 40,000 urgent messages from family members in the States to servicemen and women in Saudi Arabia. On an average day, close to 600 Saudi-bound messages pass through Red Cross headquarters in Washington. Officials there estimate at least 80% of them are directed at soldiers.

"The Red Cross is IT in terms of effective communication between soldiers and family members," said Jesse Cowart of the agency's Worldwide Emergency Communications Network.

"When a family needs to get a message through, we verify that it gets through, and when they need a reply, we make sure they get one."

And if that means walking a couple of miles through the desert, or jumping in a HUMVEE—or on the back of a camel—to get to the soldier, that's what the messenger will do, according to Red Cross spokeswoman Diane Powers.

Powers and Cowart encourage family members to contact the Red Cross first for any emergency involving soldiers in Saudi Arabia. The Defense Department goes even further, calling the American Red Cross "the only official organization used by the armed services to relay and verify legitimate emergencies to servicemembers."

Because the caseworkers verify all messages concerning medical conditions, the Army regards Red Cross members "as credible in deciding whether to grant or extend emergency leave in the event of a death or serious illness," according to a Red Cross information packet.

Choosing a route other than the Red Cross to relay urgent messages to Saudi Arabia "only serves to delay the message, which is ultimately routed to the Red Cross, anyway," said Isaac Templeton, Army Consumer Affairs manager and Red Cross liaison.

To get an urgent message to soldiers in Saudi Arabia, family members should call the nearest Red Cross chapter; caseworkers are on-call daily. For fastest service, callers should know the soldier's rank, military address—including APO number—and social security number. Once the message is verified, the information is sent via military communication lines to one of 12 Red

Cross stations serving soldiers in Saudi Arabia. Once there, the message is delivered to the soldier's commander and then to the soldier.

The process—from the time the initial call is made to the Red Cross, until the message is received by the soldier—takes between 24 and 48 hours.

Because of a minimize order from the Pentagon, only birth, serious illness and injury, and death notifications are being allowed into Saudi Arabia through the Red Cross.

The first Red Cross caseworker for Operation Desert Shield was on the ground in Saudi Arabia in mid-August; as of December 11th, 45 workers were on duty there, with more expected before Christmas, according to Powers.

"They're living in tents with the troops," Powers said. "If the troops are walking, so is the Red Cross."

While most emergency messages to Operation Desert Shield deal with bad news, Red Cross caseworkers have their share of good news to pass on.

"We've relayed a lot of news about successful operations, along with 300 birth messages, so far," said William Martin, manager of Emergency Communications for the Red Cross.

And you thought they only delivered blood.

G. Washington



F E B R U A R Y 1 8

Neither Rain, Nor Snow, Nor Sleet... Just Get It to the Mailroom in Time

by Joyce Ruthven
DOIM

With budget constraints, reductions in force and hiring freezes becoming a way of life here at AMC, your mailroom, like the old pony express, still gets your mail—come rain, shine, sleet or snow.

The mailroom has had to cut back on some services but still offers once-per-day mail delivery, X-ray service for all incoming mail, limited courier service within the Military District of Washington, express mail processing, locator service for improper and incomplete addressed mail, classified waste collection and disposition along with other official mail duties.

Mail and correspondence arrives in the mailroom from numerous sources: USPS, couriers from throughout the area, overnight mail couriers as well as our own courier. Your mailroom processes approximately 78,000 pieces of incoming mail each month and each item is X-rayed prior to delivery to detect any dangerous items that could be in the mail. Additionally, the mailroom processes about 15,000 pieces of outgoing mail each month. Prior to the U.S. Postal Service pick-up of outgoing mail, each piece must be classed, sealed, weighed and stamped, and bundled by class.

The mailroom process over \$5,000 worth of express mail quarterly. Due to the cost, a memorandum with justification is required when requesting express mail. Since express mail is picked up at 3:30 each afternoon by the Postal service, it should be in the mailroom by 2:30 for processing. On one occasion in October of this past year, the mailroom received 54 copies at 3:32 to be processed for express mail the same day. When checking the copies, it was discovered that two pages in each package were illegible and that one activity was incorrectly addressed to California in lieu of Rock Island, Illinois. Due to the conscientious effort of the mailroom staff, this package was corrected and expeditiously processed.

Classified waste collection and disposition is another service the mailroom provides you. Classified and FOUO waste is collected from 2:00 to 3:00 pm on TUESDAYS and from 9:00 to 10:00 am on WEDNESDAYS in Room G2C30B. Classified waste containers must be 10 pounds or less in weight and contain only classified or FOUO waste.

The official mail control officer for this facility is Walter Harris, AMXDO-SM, Room G2W07 and can be contacted at 274-8693. Harris and his staff will gladly assist you with your mail situations—so give them a call.

New Year's Resolutions:

AMC's Thoughts and Wishes for 1991...



BARBARA WAKEFIELD, AMCDE

—I wish I had more time to help the needs of those less fortunate than myself.

CHAPLAIN (LT. COL.) JOHN F. TEER, AMCCH

—To live a Christian life everyday as if it were my last.



PAT BURWELL, AMCMM-L

—All of America is praying for peace in the Middle East, including me.

LANCE WILTSHIRE, AMCGS

—My New Year's resolution is to save money, which, to tell you the truth, is probably virtually impossible for me.



*Photos and
legwork by
Robin D. Anderson*

Lex-Blue Sends Materiel and Support to 'Desert Storm'



US Army Photo

This letter, along with photo, accompanied the Army Oil Analysis Vans as they began their mission in the Gulf. The AOVs were produced by members of Lex-Blue.



DEPARTMENT OF THE ARMY
HEADQUARTERS, LEXINGTON-BLUE GRASS ARMY DEPOT
LEXINGTON, KENTUCKY
40511-5060

REPLY TO ATTENTION OF
November 26, 1990

To The Troops In The Gulf:

On behalf of the Transition Team, let us express our heartfelt gratitude and appreciation for your efforts in the Gulf. You and the job you are doing never stray far from our thoughts. We have pledged our steadfast support to you and your mission, and trust this Army Oil Analysis Van will assist you in the accomplishment of that mission.

This van was fabricated with pride at the Lexington-Blue Grass Army Depot by the dedicated personnel of the Transition Team, and represents many long hours of hard work in the past few months. The members of the team believe we have provided you a first class piece of equipment, both in quality and performance. This van was designed with two groups of people in mind: to those of you who will operate its state of the art technology, and to those who will operate the equipment it services. It's our sincere hope that it will make all of your jobs a little easier, and in some small way, help to hasten your return home.

Any sacrifices we have made to produce this van pale by far in comparison with the sacrifices you have made and are making. Know also that your sacrifices and dedication have not gone unnoticed. America is proud of you. We will remain committed to your support for as long as even one American is left in the Gulf. Our thoughts and prayers are with you for a safe and speedy return home.

Lain McDonald
Christine Johnson
Thomas McCarry
Jerry St Baker
John F. Clough
Charles R. Adde
Ernie A. Moutz
Charles E. Blackburn
Douglas J. Hanna
John W. Neely

Dean B. ...
Vern D. Adams
Al B. ...
W. B. ...
Pat Smith
Wayne King
David W. Berry
Billy G. ...
Joe J. Conroy
Joseph ...
Ray ...

Francis F. Stone
Ray ...
How ...
Sean ...
Nancy B. ...
Harold ...
William ...
Bonnie ...
Carl ...

DEPLOYED, From p. 11

The Military Housing Office is also handling some unprecedented situations.

Uncertain of the length of their deployment, some soldiers are telling housing officials that they want to give up their apartments in nearby German villages.

Maj. Rene de LaPena and his wife, both of whom will go to Saudi Arabia, plan to give up their Stuttgart apartment.

"There's no one to water the

plants," LaPena said.

At another station, representatives from the Military Veterinarian's office are handing out information to single soldiers and dual military couples who have no choice but to send their pets to the States.

What's really difficult is sending the children back home, Broussard said.

"Single parents or dual military couples have to exercise their family care plans, under which they've des-

ignated someone to take care of their children in this kind of situation," Broussard explained.

"Most of them are either taking their children home or a family member from the States is coming to get them. A few are having family members come here to care for the children. That's a whole bunch of new problems to deal with."

Soldiers whose families are in Germany are required at the POM Center to list their spouses' and chil-

dren's names with Army Community Support Service, which plans to work out transportation for spouses with no European drivers' licenses and to keep spouses informed about activities.

"We were just celebrating our community's getting a piece of the Berlin Wall the end of the Cold War," Broussard said.

"And that very day ... we found out we were deploying."

COOPER, From, p. 14

tion—her easy laugh is her trademark to her co-workers. "I've had to cut down on my work hours because of commitments with my family," she says.

Cooper tells how she keeps her four-year-old daughter, Lizzie, occupied by spinning verbal yarns at bedtime or during long trips in the car. She hopes in the not-too-distant future to turn these stories into children's books, following a literary tradition passed down from writers like Kenneth Grahame's "The Wind and the Willow," A.A. Milne's "Winnie-the-Pooh," and Frank Baum's

"The Wizard of Oz." Like in those tales, the events and characters in her verbal yarns are triggered by her family life.

"When my older daughter, Tina, lost her tooth, she was upset that the tooth fairy only left a dollar. So we started to talk about who is the tooth fairy? Where does she come from? It evolved into a story about Lucinda, the Tooth Fairy, who lives in the cloudy skies above heaven. Even though Lucinda is the tooth fairy, children can talk to her anytime—they don't have to lose a tooth to talk to her."

Cooper urges caution, though, in what tales you spin to your children. As a case in point, she tells of how her daughter was getting cranky on a long ride home from a camping trip. So Cooper spun a tale about a dog that ran away from home, to keep the little girl occupied. "When we got home, my mother-in-law, who had been watching the house for us, came running out to tell us our dog ran away," she laughs.

Family is obviously high on her priority list, and she sees family commitments as something American

businesses will have to increasingly come to terms with in the 1990s.

"As the economy gets worse, companies will be downsizing," she says, which she predicts will cause young professionals lucky enough to have jobs to work fewer hours. She sees this as being positive for families.

"If the 80s were about money and possessions, the 90s will be about family. We'll still be taking work home in our briefcases—but a lot of the work will remain undone."

command roundup

Ballistic Research Laboratory Upgrades Aircraft Test Areas

Aberdeen Facility Used to Test All Army Air Systems

ABERDEEN PROVING GROUND, Md.—The Ballistic Research Laboratory, the Army's lead laboratory for conventional ballistic vulnerability/lethality assessments and for vulnerability reduction technology for Army materiel, has just completed a campaign for a much needed, state-of-the-art upgrade to its aircraft vulnerability test facility.

This new test range complex is managed by the Vulnerability/Lethality Division of BRL. VLD is responsible for matters relating to the vulnerability of US military systems due to combat damage inflicted by conventional weapons. It is also responsible for assessing the lethality of US weapons against targeted systems.

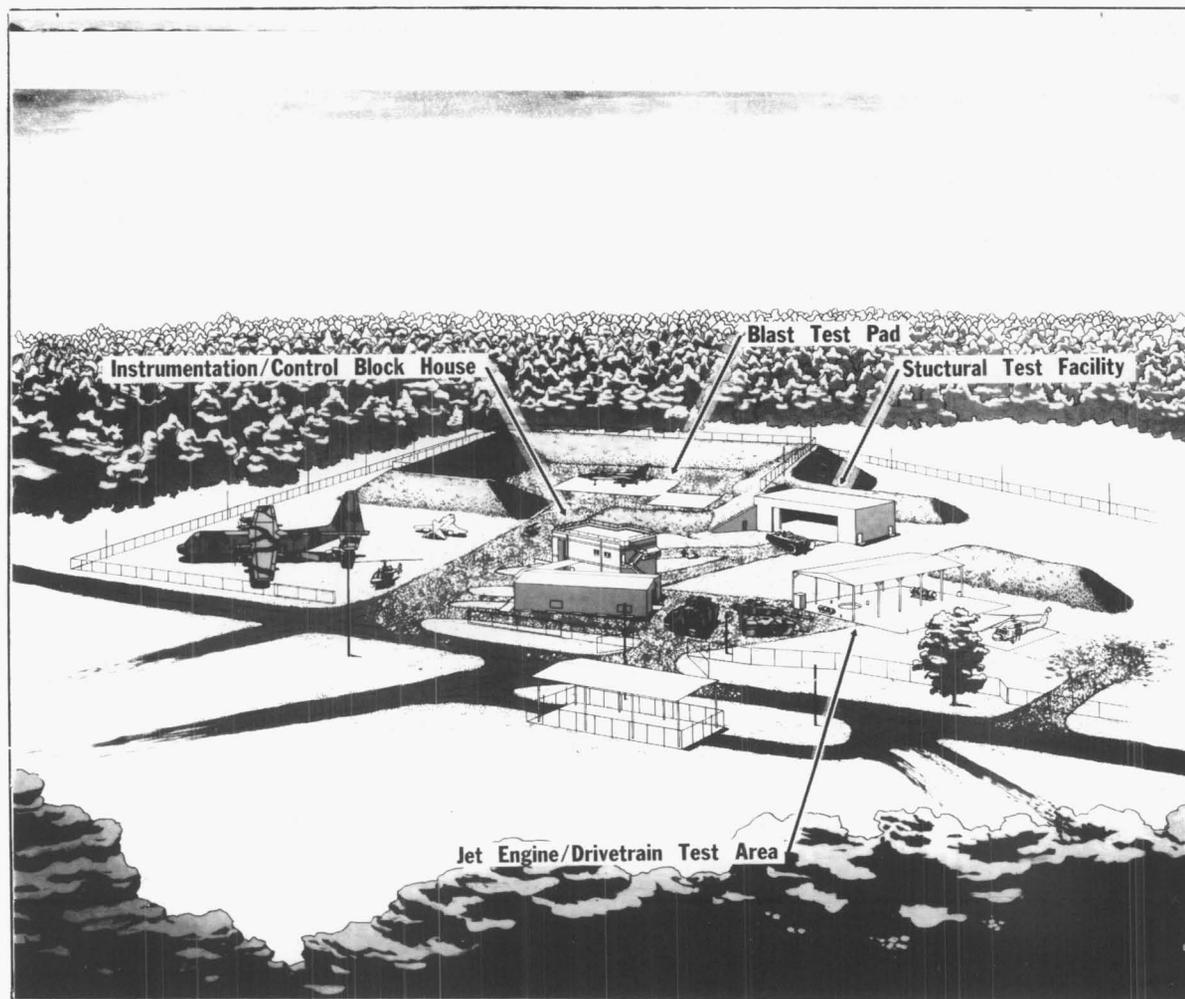
The completion of the \$5.7 million Test Range for Advanced Aerospace Vulnerability gives VLD a modern, centralized complex to evaluate the effects of explosive blast and fragmentation warheads, armor piercing incendiary and high explosive incendiary projectile impacts, experimental penetrators and weapons, as well as unconventional threats on fixed and rotary-wing aircraft. This advanced testing capability will directly benefit BRL's current participation in the DoD Joint Live-Fire Army-Air Program as well as the Congressionally-mandated Live Fire Test and Evaluation associated with major Army aviation and anti-aircraft developmental programs.

Specialized facilities at TRAAV include a blast test pad for large blast/fragment warhead evaluations; a covered, full-scale dynamic turbine engine and helicopter drivetrain test pad; indoor and outdoor ballistic ranges for component and subsystem testing; EPA-approved fuel test capability; static rotor blade loading fixture; remote ground test tie-down facility; mobile airflow generators to produce winds up to 500 knots; and a centralized control and instrumentation building.

Situated on 14 acres at Air Base Range 6 located near Phillips Army Airfield on Aberdeen Proving Ground, TRAAV consists of eight specialized test locations. Five new structures were added to complement existing test facilities.

The nucleus of the TRAAV is the Instrumentation/Control Block House, designed to centralize the management of the entire range complex, with all testing being controlled and data gathered through a computerized Test Management System. The 4,600 foot facility is constructed of 14" thick concrete with a Brush-Hammer finished exterior for blast wave abatement. The interior consists of a photographic/electronics workshop, field hardware workshop, a test control room and a customer/visitor observation and administrative area. Off-port windows allow for observation of all test activities. Remote control video cameras are located on the building's roof observation deck to view the entire range of test activities.

The outdoor blast test pad enables the facility to test up to 100 pounds of high explosive against loaded or simulated loaded aircraft that would have an external airflow on their structure. Included is a 25-foot high, three-sided berm to



U.S. Army illustration

BLR's new state-of-the-art aircraft vulnerability test facility at Aberdeen Proving Ground.

allow for the testing and containment of fragments, projectiles and other target debris that may be ejected during test procedures.

The indoor structural test facility provides a sheltered test area for warhead threats of up to 25 pounds of explosive with the test doors open. Three to five with test doors closed.

Other facilities on the test site include a jet engine/drivetrain area that allows for ballistic testing of aircraft engines, shafts and gear boxes; a test pad that features two thrust engine stands for turbojet and turbofan engine testing; fuel system testing facilities designed to EPA requirements; and air flow generators that can create an air flow environment of up to 500 knots.

When the Test Management System is completely installed, TRAAV will operate while saving approximately \$97,000 annually in costs previously associated with test set-up, check-out, execution and data reduction.

Over 10 JLF test programs have been scheduled this year for testing of UH-60A Blackhawks and AH-64A Apache components at TRAAV. Several foreign aircraft subsystems have also been scheduled for testing. Future large-scale Army aircraft vulnerability tests will involve the Longbow-Apache, Cherokee LH attack helicopter, and FADDS lethality. In addition to Army test requirements, TRAAV is scheduled to support Air Force and Navy sponsored anti-aircraft warhead lethality evaluations and Aircraft Battle Damage Repair technique development.

With this addition, BRL has demonstrated its

continuing intent to use progressive technology to support the task of providing Army soldiers with the most survivable and effective equipment possible.

—E. Michael Vogel
—Joseph A. Gatto

Wanted

The AMC NEWS is always looking for stories and events that are happening command-wide. We devote the final two pages of our paper to stories happening in and around the command. And we get a lot.

We are always looking for more. All stories should be relevant and pertinent to the command. Stories highlighting personal accomplishments are always welcome. The final publication decision rests with the editorial staff.

We would like to hear from you. If you have a story that you feel is newsworthy and might interest the rest of the command, send it in. Photos or graphics are a must.

Please send any and all command roundup articles to: HQ Army Materiel Command, ATTN: AMCPA-AMC NEWS, Room 10C45, 5001 Eisenhower Avenue, Alexandria, VA. 22333-0001. And watch these pages for it to appear.