

The Eagle

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Flight 11 successful

The 11th flight test for the Theater High Altitude Area Defense, or THAAD, defense missile system was a success Aug. 2 when it intercepted the Hera target missile over the White Sands Missile Range, N.M.

THAAD uses technologies developed in earlier Ballistic Missile Defense Organization programs. It is the first weapon system developed specifically to defend against theater ballistic missiles. The THAAD system will provide upper-tier defense for the Army's two-tier theater missile defense concept. The higher altitude and theater wide protection offered by THAAD will provide more protection of larger theater areas than lower-tier systems alone.

The THAAD program is managed by BMDO in Washington, D.C., and executed by the Army Program Executive Office for Air and Missile Defense and the Army THAAD Project Office in Huntsville, Ala. Lockheed Martin Missiles & Space is the prime contractor. The Raytheon Co. builds the THAAD radar. Coleman Research Corp. and Aerotherm Corp. are the Hera target contractors.

Here comes Hera...again

The Hera target system has once again provided the target for a successful test of the THAAD. Developed by this command for BMDO, the Hera was successfully intercepted by THAAD. This was the sixth mission Hera has successfully flown in support of THAAD activities.

Hera is a tactical ballistic missile target typically used for test and evaluation of BMDO interceptor systems. The primary objective of this target mission was to provide a short-medium range separating target with specific characteristics of a tactical/theater ballistic missile threat. On-board instrumentation provided true flight and damage assessment data to support post-mission analysis. The target flew a conventional ballistic trajectory with a range of 127 kilometers and an apogee of 282 kilometers. Preliminary data indicates all objectives were achieved.

Hera consists of modified second and third stages from the Minuteman II missile, a modified Pershing II guidance and control section, various interstage hardware, and an instrumented ballistic re-entry vehicle.

The Hera program is managed for BMDO by SMDC's Ballistic Missile Targets Joint Project Office.

(This article compiled by Office of the Assistant Secretary of Defense and by Gerda Sherill, Huntsville, Ala.)



Photo by V Corps Army Regional Space Support Team

They lived in a growing community. Five soldiers and one civilian employee from Colorado Springs, Colo., spent 35 days in Albania to support Task Force Hawk's deep operations coordination cell.

Team sees Kosovo situation first hand

Army Space Support Team deployed to Albania

by Ed White
Colorado Springs, Colo.

"We went to V Corps in Heidelberg, and to Task Force headquarters in Albania and briefed the Army Space Support Team capabilities," said Lt. Col. LeRoy Maurer, chief of the Army Space Support Teams. "And they thought that sending a team to Albania would provide value added."

The V Corps team of Capt. Bill McLagan, 1st Lt. Pete DeGuzman, Staff Sgt. Kevin Newman, Sgts. Erik Herrmann and Anthony Simas deployed to Germany and awaited orders. In mid-May, they were given their orders to proceed to Albania. Two days later they were in country, and a short 24 hours later, were set up and operating. Civilian Jeff Faunce, from the Space and Missile Defense Battle Lab, went with the soldiers to provide an updated weather program being used to support the task force Staff Weather Officer.

"We were in Albania for 35 days to provide space awareness, expertise, and space analysis to Task Force Hawk in support of NATO Operation Allied Force," McLagan said.

The team was assigned to the operational control of the Task Force Hawk Deep Operations Coordination Cell. From there they also supported the G-2 Intelligence section, the Task Force Air Defense Element, the Engineers, G-3 Plans, and G-6 Communications. Their primary support came in the form of keeping track of satellite movement overhead, monitoring such things as SATCOM statuses, space weather events, performing a space threat estimate, and providing a status of theater ballistic missile warning elements.

This was no picnic for the team. Just 90 kilometers away, across the border in Kosovo, people were dying in combat. NATO air strikes were playing out the ages old life and death struggle of two forces in combat. The ARSST team lived in tents and moved from place to place

on wooden walkways because of the muddy conditions.

"Conditions improved as the operation matured," McLagan said. Still, it was a half-mile walk to the showers and people were constantly serenaded by the various airport noises as their tent was located about 50 feet from the runway. When it wasn't wet and muddy, the climate was "hot, humid, and dusty," McLagan said. The entire base was in a heightened state of alert in case Serb forces decided to make an incursion across the border.

"The morale of the entire Task Force was surprisingly high," McLagan added. And while the team did not get off the airfield occupied by Task Force Hawk, during their stint there, they did get a chance to see some of the Kosovo refugees who worked in the mess hall or cleaned buildings. Many of the local Albanians were housed, fed and generally cared for on the Task Force Hawk compound as a part of Operation Shining Hope.

(See photos on pages 6 & 7)

Spouses, coordinators delve into family action plan

Program for soldiers, civilians, contractors, and family members

by LuAnne Fantasia
Huntsville, Ala.

At the strategic planning conference in Virginia last week, a special group of people met together for the first time to flesh out the specifics of the command's Army Family Action Plan.

The AFAP is a 16-year-old, Armywide program, that affords soldiers, civilian employees, and all family members the opportunity to effect significant changes.

With strong support from SMDC leadership all the way up the Army chain, this powerful program "breaks down the barriers, to help us overcome the we-they way of thinking," said Michele Costello, wife of SMDC's commanding general. She is also a special project officer in the Army Family Liaison Office at the Pentagon.

"We don't want to think in terms of 'this is military versus civilian,'" Costello added.

She pointed out that this is the first time spouses have been invited to a SMDC offsite to discuss family issues. "And we're including the whole SMDC family..." she said. "...soldiers, civilian employees, contractors, and family members of all."

Those who met at the offsite said they



Photo by William Congo

(left to right) Leslie Bloxham, Dorothy Nelson, David White, and Micki Costello were a few of the participants at the command's Army Family Action Plan meetings during the summer offsite. Nelson is a conference planner and manager of the Army Family Team Building program. White is chief of the Army Family Liaison Office, where Costello is also a special project officer.

will continue to encourage members of the SMDC family to present issues to their local AFAP coordinators. Those issues will be resolved either at the command level, or at Army levels when the issue has a broad impact, according to Costello.

Portia Davidson is the command's AFAP coordinator. Designated coordinators throughout the command are: Don Mathis, ARSPACE; Cris Foster, HELSTF; 1st Sgt. Ozel Robertson, Kwajalein; Gloria Flowers, Huntsville; Master Sgt. Bill Peeler, ASPO; Sgt. 1st Class Bernard Coutour, 1st SATCON Battalion; and Regina Campbell, Arlington.

Costello said coordinators have information on local resources for the Army Family Action Plan, the Army Family Team-building program, and the Army Family Liaison Office. Leaders in the command, as well as those at the Army level, are supportive of finding a solution to all issues, and are supportive of promoting programs that enhance family readiness, according to Costello.

"My husband cares very deeply about people. Commitment, caring and compassion are part of building a cohesive organization," she said.

"We all have a certain amount of identity as individual family members, but what's more important is that we have an identity as the SMDC family as well," Costello said.

Infobytes

New Learning Resource Center

Huntsville SMDC employees have a new Learning Resource Center, located in the building's annex security area. The new LRC opened officially with a ribbon-cutting ceremony in late July, and is available to all soldiers and employees.

"I appreciate the efforts for this resource for all of us," said Deputy Commanding General, Brig. Gen. Steven Flohr.

"It is convenient and gives us an abundance of materials to support our command's professional development programs."

The center is already a treasury of reference books and literature on subjects ranging from calculus to negotiating strategies and tactics; from productive workplaces to physics. There is a computer system available for onsite use and study cubicles.

The center's hours are Monday, 12 - 4 p.m.; Wednesday and Thursday, 8 a.m. - 4 p.m.

(LuAnne Fantasia, Huntsville, Ala.)

U.S. Army Publishes Air and Missile Defense Plan of the Future

The U.S. Army Theater Air and Missile Defense Master Plan was

recently signed by the Army Vice Chief of Staff, Gen. John M. Keane, marking a significant step towards integrating present and future air and missile defense systems under a single long-term vision.

The U.S. Army Space and Missile Defense Command authors the plan which aims to integrate the traditionally separate four pillars of Air and Missile Defense into a synergistic, interoperable model that meshes within the Army's Battle Command System and future joint service architectures.

The four pillars are active defense; passive defense; attack operations; and Battle Management, Command, Control, Communications, Computers, and Intelligence.

The plan allows the Army to articulate a "one voice" position on AMTD issues while incorporating the Army Science and Technology Master Plan to influence future Army TAMD technical approaches.

Furthermore, this proactive plan sets the stage for future joint TAMD master plan development by articulating the Army's position during the development process of the joint plan. (SMDC press release)

10th Anniversary Inaugural Ball

The U.S. Army Acquisition Corps

will celebrate its 10th anniversary at the first annual AAC Ball to be held Oct. 10, 6 p.m. to midnight at the Crystal Gateway Marriott in Arlington, Va.

Tickets are available for the black tie dinner dance on a first-come-first-served basis at \$70 each.

All members of the Army Acquisition Workforce, including those traveling to the Washington, D.C. area Oct. 11-13 for the Association of the U.S. Army, or AUSA, annual meeting, are invited to attend.

The host of the AAC Ball will be Paul J. Hoepfer, Assistant Secretary of the Army for Acquisition, Logistics and Technology, and the Army Acquisition Executive.

The Master of Ceremonies will be Keith Charles, Deputy Director for Acquisition Career Management, Office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology.

Many senior acquisition leaders are expected to attend.

"We have a great team of acquisition professionals in the AAC," said Mr. Hoepfer. "The AAC Ball is a fitting way to celebrate and recognize the contributions they make in helping our soldiers in action. I'm

looking forward to being a part of this special event."

George Williams, President of Collazo System Analysis, or COLSA, Corporation, is the keynote speaker. When asked what he planned to talk about, Mr. Williams borrowed a quote from famed baseball star, Yogi Berra, and said, "The future isn't what it used to be!" Mr. Williams has more than 36 years of Army service, much of which has been in acquisition.

To commemorate the AAC's 10th anniversary, a number of other events also are scheduled beginning Oct. 10, continuing throughout the week of the AUSA annual meeting. The focus will be to highlight the AAC and the contributions it has made in the field of acquisition and in the development of future Army leaders.

Events include an AAC exhibit, career counseling suite staffed by career experts, the Army Ten-Miler race, and the inauguration of an association of acquisition professionals.

On October 13, 1989, the Army Chief of Staff approved the creation of the AAC. The AAC is a specialized, trained, and educated group of military and civilian Army professionals responsible for acquiring military systems for the soldiers in the field. (AAC press release)

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(Photo by Linda Jacks)

(left to right) Dr. Dusit Charern, Lt. Col. Phil Macklin, and Larry Burger symbolically opened the newest EADTB site at Quality Research, Huntsville, Ala., with a ribbon-cutting ceremony in late July. Charern is CEO for Quality Research; Macklin is the testbed product manager, and Burger is director of the SMDC Battle Lab. The EADTB—extended air defense testbed—is user-friendly and flexible for materiel and combat developers, as well as operational commanders.

Macklin turned the program around, turned on more lights, and retired

by LuAnne Fantasia
Huntsville, Ala.

In about three years he has pushed this product from nine to 30 sites. And, on his way out the door to civilian life, Lt. Col. Phil Macklin flipped the lights on to one more significant site for the Extended Air Defense Testbed.

"When Lt. Col. Macklin arrived three years ago to become the extended air defense testbed [EADTB] product manager, he was challenged to turn the program around," said Larry Burger, director of the command's Battle Lab, at Macklin's retirement ceremony. "The program was definitely in trouble."

The EADTB simulation's major strength is in modeling weapon systems, sensors and communications. It was built to show how weapon systems best work together, in both theater and national missile defense.

For seven years since the program had started and with more than a \$150 million effort, Burger said the primary customer—Ballistic Missile Defense Organization—was frustrated. "Macklin recognized that, energized the program and its people, and delivered the product the customer required," Burger added.

"Not everybody became a believer in EADTB, but those who did were grateful for it. Macklin found customers who needed a particular model for simulation and focused his team's efforts on delivering it and making it useful for them," Burger said.

Richard Ritter, chief engineer architect at BMDO, was also present for Macklin's retirement. "Some of you may not realize it but when theater missile defense was first taking off and became a joint program, and the other services started catching up with the Army, what became critically important was that we have an analytical base, the tools and structures to analyze the contributions of the different service membership.

"It was an ugly time. It was a tough time. And Phil stood up and established the standard in air defense simulation and modeling which the Pentagon accepted and it is used by the services today. That is a major contribution," Ritter said.

Macklin didn't wind down before switching from Army green to civilian clothes. To the contrary, he was turning on lights to new EADTB sites right up to the 11th hour.

"The more people who have the product, the more input and feedback you get from those users," Macklin said, "and, in turn, the more enhancements and improvements you can give the warfighter.

"It's like your body," he said. "The only way you get in better shape physically is by using your body more." (Macklin has scored a perfect 300 on his annual physical fitness tests for the past 20 years.)

"Simulation software is the same; the more you use it, the better it gets."

In mid-July, he cut the ribbon on the site at Quality Research, in Huntsville, Ala. "Quality Research has been an independent verification and validation contractor for EADTB since '92, but they shared the same site with a prime contractor," Macklin said. "Now they can be independent, which assists them during their quality control.

"They are the independent eyes of the product manager in testbed development. They're like my quality control agent for EADTB development," he said.

Macklin said this new site is important in verification because Quality Research is checking simulation specifications; and in validation because they validate that the simulation represents as close as possible theater missile defense and theater air and missile defense reality.

"When a missile flies in EADTB, we want the simulation to represent the physics of a real missile flight as much as possible," Macklin said. "Otherwise it's just animation."

Macklin said that with Quality

Research's own EADTB site, they can now do analysis for other DoD customers in their use of the testbed.

"It gives them the ability to do quality control for all of us," Macklin said.

If anyone knows what working with this West Point graduate, 20-year, trail-blazing soldier with a doctorate in chemistry is like, it's Terry Day. As deputy product manager for the EADTB for over two years, Day said Macklin is always ready to "take another hill."

"BMDO tasked him to get the EADTB out to the public, and he did," Day said. "He is the key driver for the number of testbed sites increasing from nine to 30 in three short years. He sold the testbed by showing the customer how it would benefit them." Day—a retired soldier himself—said Macklin is the umbrella. "He lets his people plan, brief and work the plan, and holds them to it," Day said. "But he's also a shield. He takes all the flak and gives all the credit."

In his comments during his retirement ceremony, Macklin did just that. "There are those who *make* things happen, those who *watch* things happen, and those who wonder *what* happened," Macklin said. "The members of my family—my wife especially—are those who have made things happen for me and my career in the Army.

"I am extremely proud to have served in a command filled with technically competent and personable professionals," Macklin said, "and SMDC's Battle Lab is undoubtedly one of the best organizations in DoD for those two reasons."

Lt. Col. Wilbur "Bo" Parker is Macklin's successor as product manager for the EADTB.

Although Macklin doesn't officially retire until late September, he won't be sitting around in the interim. Family priorities and corporate industry beckon. Plus, somewhere there's another hill to be taken, and more lights to turn on.

(Marco Morales contributed to this article.)

Raytheon gets big EADTB contract

by Gerda Sherrill
Huntsville, Ala.

The U.S. Army Space and Missile Defense Command just awarded a five-year contract for \$100 million to Raytheon Company for the Extended Air Defense Testbed, or EADTB, support, maintenance, and enhancements program.

The basic effort is worth \$42.5 million, with a \$57.5 surge option. There also is a five-year \$100 million extension option, if exercised, which puts the total potential value of the contract at \$200 million for 10 years.

The EADTB is a constructive simulation with real-time, interactive operation; robust, user-friendly representation of command, control, communications, computer, and intelligence systems, weapon systems, and sensors in a state-of-the-art synthetic environment for national and theater missile defense analyses. The EADTB supports modeling at all levels, with a high flexibility in choice of levels of detail and aggregation.

The special capabilities of the EADTB, setting it apart from other simulations, include the ability to simulate real-world processes of sensors and thinkers using perceived data; an extensive verification and validation legacy; and high flexibility in defining the detail of weapon systems, communication models, environment models and scenarios.

"With the EADTB, the user can develop his own system models and can place a number of these simulated systems on a host gameboard without having to rewrite other existing system models or modify the supporting architecture," said Terry Day, deputy product manager. The Testbed Product Office is an element of the command's Space and Missile Defense Battle Lab. "That's what makes this testbed so user-friendly and highly flexible, for materiel and combat developers as well as operational commanders."

Under this contract, Raytheon will be responsible to the government for the user and customer support, operations and maintenance, and enhancement of the EADTB systems under SMDC's control. Management and funding of EADTB user training has been transitioned from the government to the EADTB contractor.

The EADTB systems are comprised of software (2 million plus lines of primarily Ada code) and hardware systems (Silicon Graphics Host/Workstations), which are relevant to solutions of space and missile defense analyses and may include theater, national, cruise missiles; space assets; interceptors; conventional and unconventional aircraft; and naval assets.

Can we talk?

by Cynthia Brewer
Kwajalein Atoll

They're experts at living on a tiny, isolated island Army base, a six-hour flight away from the nearest city.

"The Kwajalein Family Action Plan was formed as a way to consult the residents, who are our experts on quality-of-life issues," said 1st Sgt. Ozell Robertson, Kwajalein's coordinator for the Army Family Action Plan.

"The community was canvassed in an island-wide survey that drew 82 suggestions for improving quality of life at the base," Robertson said.

Kwajalein's Army Family Action Plan committee is made up of volunteers in four sub-committees: island teens, Kwaj unaccompanied personnel, Roi unaccompanied personnel, and family-status members. The group met in July for orientation on the Family Action Plan, after which committees met for round-table discussions of the issues brought out in the survey.

"The goal is to prioritize quality-of-life issues that could lead to positive change at Kwajalein and possibly on other isolated, overseas duty stations—even stateside Army communities," Robertson said.

Colonel Gary McMillen, USAKA/KMR commander, said, "It is exciting to know that previous Army Family Action Plan issues have resulted in positive changes. The Army and contractor team may look very unusual to the Army right now, but as more Army functions are privatized, we could be a prototype for the Army of the future. It is very important that we include the contractors in quality of life issues."

One of the residents, Department of the Army civilian Robert Harris, said, "We were encouraged to think beyond regulations to what quality-of-life issues challenge our particular isolated situation. Have we fully utilized the limited resources available to us? The groups were challenged to be innovative."

Bert Scott, director of installation management, introduced a panel of government and contractor managers who are experts in various areas of life on the island. He called them, "an available resource" for the Family Action Plan. Each sub-committee brainstormed through round table discussions to identify its three to five most important issues.

Issues presented to the entire committee for group discussion:

Kwaj teen issues

1. Extend visitation privileges to Marshallese students attending our school to allow them full student body experiences (sleep-overs, birthday parties).
2. Have an activity center that meets teen needs (computers, extended hours, snack bar).
3. Arrange or secure cheaper fares to and from Honolulu.

Kwaj bachelor issues

1. Lack of laundry facilities in the Sands bachelor quarters.
2. Underage family members should be allowed in UPH trailers.
3. No morale, welfare, recreation program.

Roi bachelor issues

1. Renovate Café Roi.
2. Make more seats available on



(Photos by Larry Allen)

Residents of Kwajalein Atoll will soon realize the fruit of their labor in the Army Family Action Plan—a viable, dynamic program that changes as employees' needs change.

planes to and from Honolulu during peak periods.

3. Improve bachelor housing to apartment-style quarters.

Family status issues

1. Improve off-island and inter-island communications (more and better quality Internet access; more phone lines to Honolulu and the continental U.S; island-wide cabling to support Internet access, phone access, and TV access; VTC for classes, meetings, hospital consultations).
2. Make more seats available for plane travel to and from Honolulu; innovative thinking about access to plane seats.
3. No cost-of-living allowance for military and DAC civilians.
4. No military retiree medical benefits.

Top three issues

The entire committee selected the following top three issues that cannot be resolved locally:

1. Improve off-island air transportation.
2. Improve unaccompanied personnel housing.
3. Improve communications systems.

"I can assure you that all issues will be addressed, and the community will be informed of progress," McMillen said. "As each of the issues is resolved, a new one will take its place on the list."

"I expect this program will be ongoing, with input from the community, and with one or two meetings a year of the Kwajalein Family Action Plan committee to keep us going in the right direction."

Robertson assured the group, "Everyone who submitted an issue will receive a reply. Issues that must be resolved above the local level will be taken up the chain of command."



To keep the smiles on these Kwajalein residents' sun tanned faces, USAKA/KMR Commander Col. Gary McMillen kick-started the Army Family Action Plan on the island. The 16-year-old Army-wide program provides a road map to effect significant and positive change.



Army Capt. Jennifer Knies

(Photo by Angela Gatti)

Knies: linguist to lawyer

by Melva Tillar
Colorado Springs, Colo.

The Funded Legal Education Program is a paid legal studies program for active-duty Army officers at a law school accredited by the American Bar Association. Officers successfully completing the program are eligible to be designated as a judge advocate.

Captain Jennifer Knies performed a 50-day, on-the-job, summer training assignment in the Army Space Command's Counsel Office. Although she worked on various projects, the greatest portion of her time was spent working on a United States Federal District Court case.

Knies enlisted in the Army as a Russian linguist in 1987. After basic training, she spent a year at the Defense Language Institute, or DLI, in Monterey, Calif.

"While I was at DLI, I decided to make a career out of the Army, and started looking into ways to finish my degree in the Army," Knies said. She applied to the United States Military Academy Preparatory School at Ft. Monmouth, N.J. After DLI, she went to her military occupational specialty training at Goodfellow Air Force Base in Texas, and from there, she went to the prep school.

In 1990 Knies attended West Point and graduated in 1994.

"West Point was an incredible experience. Sometimes I can't believe I actu-

ally spent four years there. It was the most challenging thing I've ever done in my life, and also the most fulfilling. I have great memories from my time there. I got to spend a summer at the University of Moscow and I spent some time as an exchange officer with the German Officer School in Munich," said Knies.

After three years as a Quartermaster officer in Hawaii, she was accepted into the Funded Legal Education Program, or FLEP.

She has completed two years of law school at William and Mary in Williamsburg, Va. "Law school has been a great experience. I got a taste of what real college life is like, as opposed to West Point, and it has been a nice break from the fast paced life in the Army. I have one year left, and I look forward to getting back to life in the Army," she said.

After another year of law school, Knies will be in the Judge Advocate General Corps and her plans are to work as an Army lawyer until she retires.

"I loved my time here at Army Space Command. I got hands-on legal experience and met lots of wonderful people. It was the first time I got to work with so many Department of the Army civilians, and I really enjoyed that aspect of it," she said.

Space-knowledgeable officers now have a career field. For more information about FLEP, contact Bruce Fresh, (703) 588-6774 or DSN 425-6774; email is freshba@hqda.army.mil.

Family support group vital to deployment

by Melva Tillar
Colorado Springs, Colo.

Army Space Command is implementing a family support group to provide an avenue of mutual support and assistance for the soldier's family. It is a network designed to foster communications and the sharing of ideas among soldiers' family members and the chain of command.

It will also ensure that families know about and have access to community resources, especially during deployments. The network's purpose is to pass accurate and helpful information to families, and to act as a conduit to identify problems and needs to the commander.

Captain Wendy Lupo, who serves dual-hatted as Headquarters and Headquarters Company Commander, and Chief, Army Space Operations Center, was tasked by Col. Michael McKeeman, ARSPACE commander, to head up the family support group.

"We will work closely with the families and the public affairs office to publish the "Time on Target News".

This is a newsletter that will address family issues and concerns, offer information on community activities and demonstrate command support for our soldiers' families," Lupo said.

She explained that the Army has mandated that each command will have a family support group. "This command's FSG is geared toward helping family members prepare for imminent separation, cope during the separation, and to bond with other families in the command for mutual support.

"The Family Support Group becomes a vital link between families, the soldiers and community agencies

allows the deployed soldier to focus on the mission. The FSG can increase family knowledge of the mission, the soldier's duties, the military way of life, and the benefits of military service."

McKeeman's intent is to eventually have family member volunteers run the FSG, coordinating directly with the public affairs office in the publication and distribution of the group's newsletter, on a quarterly basis. The first edition of the newsletter came out July 1999. "We hope we can get enough volunteers to come forward," Lupo said

Presently, Lisa Watkins, wife of Sgt. Maj. Samuel Watkins, is the first volunteer. "The Family Support Group needs to be sensitive to the needs of families in this command," Watkins said. "In order to accomplish this, family members need



Watkins

to come out, support the Family Support Group, and make their needs known."

The FSG newsletter will include social/leisure activities, Army Community Services support, hotline numbers and contacts, and an avenue for suggestions on ways to improve the program.

To ensure widest dissemination of FSG information, the plan is to provide incoming soldiers with a family support newsletter and questionnaire for their spouse to complete and return.

In short, the FSG should be flexible, individualized, and designed to meet the diverse needs of families once their needs are determined.

It should enhance the ability of families within the command to network for mutual support, and provide equal access to an array of quality family support services and resources.

"The FSG will be a beneficial tool to the command," Lupo said.



Lupo

during deployments," Lupo said. "It will contribute to the effectiveness of this command. It will ensure that each soldier's family is adequately cared for at all times. This caring

Regional Space



Photos by V Corps Army RegionalSpace Support Team

Staff Sgt. Kevin Newman and Sgt. Anthony Simas at their work station supporting Task Force Hawk.



Home sweet home for 35 days. The space information to Task Force Hawk.



Kosovar refugees living on the base provided a ready labor pool to help make things comfortable for themselves and the deployed soldiers.



With his equipment set up and operational, Jeff Faunce was able to help Task Force Hawk planners anticipate the weather in the region.



The scenery.



Staff Sgt. Kevin Newman and Sgt. Erik Herrmann preparing to go into the theater to support Task Force Hawk.



Jeff Faunce, of the Space and Air Operations Center, looks relaxed during the flight.

Support Team



The V Corps ARSST team spent their days providing vital support to Task Force Hawk.



“ We went to Albania to provide space awareness expertise, and space analysis to Task Force Hawk in support of NATO Operation Allied Force.”

-- Capt. Bill McLagan



Home sweet home! 1st Lt. Pete DeGuzman and Staff Sgt Erik Herrmann demonstrate living conditions for those deployed to Task Force Hawk.



The V Corps ARSST team spent their days providing vital support to Task Force Hawk.



A new subdivision rises from the fields of Albania.

“Miredita! Welcome to America!”



Army Reserve Spc. Brandy Gillam of the 358th Mobile Public Affairs Detachment, Salt Lake City, Utah, reaches out to a refugee Kosovar child in The Village at Fort Dix, N.J. Gillam said she extended her temporary duty at the Army Reserve post because working with the children was so rewarding.

(Photo by Staff Sgt. Keith O'Donnell, USA)

By Linda Kozaryn
American Forces Press Service

FORT DIX, N.J.—The crowd of Kosovar refugees doesn't look all that different from a typical gaggle of Americans. They'd certainly blend right in with the fans at a Red Sox game.

Except for the old people, that is. The wizened, elderly women in babushkas and men in dark suits, vests and caps who arrived here obviously come from another land, another time.

More than 4,000 ethnic Albanian refugees reached safety at this Army Reserve installation in May. One by one, they got off buses at the post gym, which had been turned into a reception center. Toddlers clutched teddy bears with one hand and their moms or dads with the other. Teens in T-shirts, jeans and sneakers warily

eyed adults. Women of all ages looked strained and worn. Young men seemed on edge, leery of what was to come. All ages looked tired after their 13-hour trans-Atlantic flight from the former Yugoslav Republic of Macedonia.

All in all, considering what these people had been through, they looked damned good. They were not the skeletal, beaten figures now seen on CNN emerging from Serb prison camps. Yet, there was something about the refugees that weighed heavily on the hearts of all who witnessed their arrival.

Men and women, military and civilian, fought back tears set off by little things, little things that meant so much. Like the sight of a young mother gratefully releasing her sleeping 3-year-old into the welcoming arms of a gray-haired Red Cross volunteer. One could only imagine



(Top) 1st Lt. Kristine Sullivan poses with new friends at Fort Dix, N.J. (Right) Army Pvt. Joshua Bennett holds the hand of a refugee boy.



(Photos by Capt. Ronald Kopp, USAR)



(U.S. Army photo)

An unidentified soldier plays ball with a group of Kosovar girls at Fort Dix, N.J. Soldiers assigned to Joint Task Force Provide Refuge volunteered to spend their free time with the Kosovo conflict's youngest victims.



(U.S. Army photo)

An unidentified airman takes over for a weary refugee Kosovar mother, embracing her child after a long flight from Macedonia.

Refugees' plight touches American hearts



(Photo by Capt. Ronald Kopp, USAR)

how long the mother had clung to her child, afraid to let go, fearful that he, too, might be lost like her husband, her father and brothers.

As the refugees began to look and smile at their new hosts, the red-eyed Americans quickly blinked away the mist, wiped away sniffles and warmly welcomed Kosovo's tired and poor. "Miredita!" (Mare-dee-tah), soldiers and civilian relief workers said—"Good Day!" in Albanian. "Miredita! Welcome to America!" they said over and over. "Welcome to America!"

Nine Boeing 747 charter flights brought more than 4,000 refugees to nearby McGuire Air Force Base, N.J. From there, buses brought them to Fort Dix. "You had to be there to see it," said Army Lt. Col. Joseph A. Brown, commander of the 530th Supply and Services Battalion, XVIII Airborne Corps, Fort Bragg, N.C. "It's something you can't explain and something I will never forget the rest of my life."

A picture of an elderly Kosovar man giving Brown a "high-five" now hangs in the colonel's office. The commander in charge of the refugee camp known as "The Village" said it's something he'll cherish as a permanent memento of Operation Provide Refuge.

"In some cases, I've shaken the hand of every refugee to come off the buses," said the officer from Marion, Ind. "A lot of the time, they come off the bus with a 'thousand-mile stare' and you can see they've been through a tremendous amount. But as they get off the bus and see American volunteers and soldiers, they start to brighten up. You can tell that they're just absolutely thankful to be in a safe haven away from that environment they left."

Sgt. Maj. Steven Woods of Army Reserve Command headquarters, Fort McPherson, Ga., said he tried to imagine his family being forced to abandon their home, live without shelter and then leave the country for another land where they didn't speak

the language. "Trying to think about what these people are really going through overwhelms me," he said.

"I wanted to be involved," said Army Reserve Command's Staff Sgt. Daniel F. Holden, who like many others volunteered for the humanitarian mission. "Everybody sees the war, the bad side—this is the good side of the Army," said the property book NCO from Brattleboro, Vt.

Even when Holden was tired and wanted to call it quits, he said, he'd walk in The Village, see the children, and that would make it all worthwhile. "If it ever happened to me, I would like to think somebody out there would try to help me pick up my life," he said.

What struck many of the Americans was the refugees' lack of personal belongings. Army officials had two trucks standing by when the first planeload of 450 refugees arrived May 5. As it turned out, the trucks weren't needed. For some refugees, a plastic bag contained all their worldly possessions. Whole families carried a small suitcase.

"Here's a 747, a big plane," said Army Reserve Command's Maj. Kent Jennings, "and you could have taken all the baggage these folks had and put it into the back of a pickup truck. They lost everything."

A fence thwarted a young girl and her boyfriend's farewell embrace that day, Army Spc. Brandy Gillam recalled. "It was the saddest thing. They were both crying and hugging. I thought to myself how lucky I am that I'm not divided by a fence from my loved ones. But at the same time, I was happy they had somewhere to go.

"That's how it's been around here all along. Everyone is happy for the Kosovar Albanian people, but sad for what they've lost."

A wedding at the camp brought out similar mixed feelings, she said. The young couple "wanted to keep

it low-key, but there was music and they were smiling, dancing and having a good time," she said.

"That was nice to see, but then I looked on the sidelines and saw single mothers with their children just sitting there crying," Gillam said. "They had lost their husbands and fathers to the war, and you could see the heartbreak in their faces as they watched this new romance, this new family beginning.

"I tried to comfort one woman, but she just sobbed. I cried then, too," Gillam admitted. "I see this stuff and I can't help but get emotional. It's hard to be in your uniform representing America—you want to be strong and help support these people, but at the same time, you're human, too."

Gillam, from Salt Lake City, Utah, said she thought about what it would be like if someone tried to eliminate people of her faith. "I can't imagine having everything torn away, not having anywhere to go," she said. "I just hope if I were in that situation that somebody—some people—would reach out and say we're sorry for your heartache. What can we do to help?"

"It's a humbling experience to realize how much we have, and it makes me feel good to help out even in the slightest," she concluded.

America's religious freedom was also on Army Chaplain (Maj.) John Stepp's mind as he helped support the Fort Dix mission. As the Christian chaplain helped prepare for the Muslim refugees' congregational "Jumma" prayers one Friday afternoon, he said he was approached by one of the Albanian men.

"I was helping one of the Army's Muslim chaplains deliver prayer rugs," Stepp recalled. "One of the men came to me and said in broken English, 'I never would believe a Christian would help a Muslim worship.'

"I told him I was there to serve him," Stepp said. "I told him, 'This is America, and here in America we are all brothers.'"

Soldiers pull together to help refugee neighbors in Germany

Charlie Company
1st Satellite Control Battalion
Landstuhl, Germany

Just a few hundred miles from the Balkan theater of operations, the soldiers of Charlie Company, 1st Satellite Control Battalion have always kept a watchful eye on events there.

"Many of our neighbors here in the community have deployed to Bosnia over the past few years, including one of our own soldiers, Sgt. 1st Class Lester Blandin, who just finished a six-month tour as communications chief for General Miegs, the commander of both U.S. Army Europe and the Stabilization Force," said Capt. Christina Guthrie, Charlie Company's commander.

"We see what is going on there with much more clarity than most people back in the U.S. We're exposed to the tragedy in the Balkans on a daily basis through AFN radio and television, the Stars & Stripes [newspaper], and first-hand accounts of our friends and neighbors, both Army and Air Force," she explained.

Charlie Company decided to get involved on a personal level to help the Albanian refugees fleeing their homeland. The community commander announced a clothing drive sponsored by a local center, and Guthrie's company jumped at the chance to get involved.

Guthrie passed the information on to Carla Hall, the unit's Family Support Group leader. Hall and husband, Sgt 1st Class Weldon Hall, pulled together a local collection point on site and advertised the clothing drive to soldiers and their families.

Within two weeks, Charlie Company soldiers had donated approximately 520 articles of clothing and three dozen pairs of shoes for men, women, and children. Carla Hall personally sorted through the huge pile of clothing to ensure that every item was clean and serviceable. She and her husband then drove to the Kaiserslautern Islamic Center on Pulaski Barracks to deliver the clothes, where members of the center gratefully helped them unload the van. Most of the clothing collected in the community drive was donated to refugee families being temporarily housed in Germany.

"Many of these soldiers could use a little extra cash by selling these clothing items at yard sales or consigning them at one of the local military thrift shops," Guthrie said. "Instead, they made the conscious decision that there were people whose need was much greater than their own."



(Photo by Carla Hall)

Sgt. 1st Class Weldon Hall

Space-knowledgeable officers now have career field

Assignment opportunities open up for Functional Area 40

Twenty-three officers recently became the first career field designated Army space operations officers. These officers are part of a unique group charged with leading the service's continuous advance into the final frontier.

Officers assigned to this new field called "Functional Area 40" will focus on exploiting the capabilities of space-based systems to provide Army commanders the ability to make maximum use of space assets throughout all phases of theater operations.

Space Operations in the Army involve the understanding and coordina-

tion of information from space systems to ensure the protection of friendly space capabilities, the control of space, and application of force from and through space.

In a letter to the newly selected officers, the Commander of the U.S. Army Space and Missile Defense Command, Lt. Gen. John Costello, said these officers fill a vital need for the Army of tomorrow.

"Virtually every level of Army operations has become dependent upon the use of space capabilities," he said. "Future Army operations will require offic-

ers to be well versed and experienced in space systems and their joint applications. Commanders must have a space-knowledgeable staff that understands space capabilities and can optimize their application in support of the commander's intent. Functional Area 40 is in the pivotal position to provide the comprehensive coordination of space assets," Costello said.

The Army's first Career Field Designation Board results were released in May. Eleven lieutenant colonels and twelve majors were "career-field designated" into Functional Area 40 - space

operations. Currently there are 140 Army officers who have been assigned to the Functional Area 40.

Twenty-three are Career Field Designated FA40, eight are single tracked FA40, and 109 hold FA40 as their secondary skill. Officers will be assigned to this command, the Army Space Command, and the U.S. Space Command, with the remainder filling billets throughout the Army.

More information about the FA 40 program can be found on SMDC's Website at www.smdc.army.mil/fa40/fa40.html. (SMDC press release)

Achieving fullest accounting for these Americans is high national priority

National POW/MIA recognition day keeps hopes alive in finding, returning remains of many unforgotten war veterans who fought in Southeast Asia

**American Forces
Press Service**

The remains of five American servicemen previously unaccounted for from the war in Southeast Asia have been identified and returned to their families for burial in the United States.

They are identified as Marine Capt. Robert A. Holt, of Reading, Mass.; and Marine Capt. John A. Lavoo, of Pueblo, Colo.

On Sept. 19, 1968, Holt and Lavoo were flying their F-4B Phantom on a combat mission over Quang Binh Province, North Vietnam. After they launched their rockets at the target, their aircraft appeared to pitch very slightly without breaking its dive. It then pulled suddenly to the right 90 degrees, then back 45 degrees. It crashed amid a large explosion. No parachutes were observed and no beepers were heard by their wingman.

The wingman and another tactical control aircraft made low passes over the wreckage, but saw no evidence that the crew survived. An additional electronic search yielded no indication of survivors. The hostile ground threat precluded any search and rescue efforts.

In July 1992, a joint U. S and Vietnamese team, led by the Joint Task Force-Full Accounting, visited the suspected area of the crash and interviewed several informants with first-hand knowledge of the site. One of the informants turned over remains they said were taken from the site. The team also examined some aircraft wreckage in the possession of the villagers.

Another joint team re-interviewed one of the informants in August 1993, while another team in January 1994



surveyed the site again and recommended it for excavation. Then in May 1994, excavation team members recovered numerous pilot-related items as well as human remains.

A fifth team continued the excavation in June and July 1994 and recovered additional remains and pilot-related artifacts. A sixth team completed the excavation in August and September 1994, recovering some artifacts, but no remains.

2,057 Americans still unaccounted for

The remains of Maj. Charles F. Morley of Warrensburg, Mo., and Capt. Thomas C. Daffron of

Pinckneyville, Ill., both of the U.S. Air Force, have been identified and returned to their families for burial in the United States. A third Air Force officer, once missing in action from North Vietnam, was also identified, but at the request of his family, his name will not be released.

On Feb. 18, 1970 Morley and Daffron were flying a night strike mission over Khammouan Province, Laos, when their F-4C Phantom was struck by enemy anti-aircraft fire. The crew of another aircraft in the flight reported seeing a large fireball erupt approximately one mile east of the target area. There were no responses to the search and rescue radio calls and no emergency beeper signals were

detected. Four days of additional search and rescue operations met with negative results.

In May of 1993, a joint U.S./Laos team, led by the Joint Task Force-Full Accounting, interviewed several villagers in Khammouan Province who provided details about a nearby aircraft crash. Following the interview, the team was led to the crash site where they found wreckage and pilot-related items consistent with an F-4 crash.

In July and August of 1995, a second joint team excavated the crash site surveyed in 1993. The team recovered human remains and crew-related items. A third joint team completed the excavation in October of 1995 recovering additional human remains and crew-related items.

Anthropological analysis of the remains and other evidence by the U.S. Army Central Identification Laboratory Hawaii confirmed the identification of these servicemen. With the accounting of these, there are now 2,057 Americans unaccounted-for from the Vietnam War. Since the release of American POWs in 1973, the remains of 526 MIAs from Southeast Asia have been accounted-for and returned to their families for burial with full military honors.

The U.S. government welcomes and appreciates the cooperation of the governments of the Laos People's Democratic Republic and the Socialist Republic of Vietnam that resulted in the accounting of these servicemen. We hope that such cooperation will bring increased results in the future. Achieving the fullest possible accounting for these Americans is of the highest national priority.

PEOPLE



(Courtesy Photo)

Tennis anyone?

SMDC employees, Richard Curtis and Nelson McKown (*second and third from left, respectively*) are members of a men's Seniors tennis team that won the Huntsville (Ala.) City Championship this spring, and went on to win the state championship. "The team played three double matches," McKown said, "with pressure coming down to the last match." The team competes in the 3.0 men's skill level division. The team recently went to Mobile, Ala., to compete against eight other states for regional championships. "It was excellent experience and exceptional competition," McKown said, "and we feel good to have finished in the middle of the pack."

Nottingham receives Air Force award

by John Ralls
Huntsville, Ala.

The Air Force recently gave one of its "Director's Awards for Small Business Achievement" to Daryll Nottingham, a business specialist at the Army Space Command in Colorado Springs, Colo.

Acting Secretary of the Air Force, the Honorable Whitten Peters, presented the award to Nottingham, who is ARSPACE's deputy chief of staff, contracting, and part-time director of the Small and Disadvantaged Business Utilization, or SADB, office.

Nottingham is a member of the Colorado Springs Military Installations Partnership of Small Business Specialists, which won the team award.

The group consists of specialists from Peterson and Schriever Air Force bases, the Air Force Academy, and the Army's Fort Carson and ARSPACE. All are military activities located in or near Colorado Springs, Colo.

This team was established to

provide outreach and counseling services to small business firms within the state of Colorado.

The partnership furthered the progress of each member's unit small business goals by becoming a tight knit unit that operated by loosening agency boundaries in order to promote opportunities for small businesses.

Jointly, they sponsored outreach conferences and educational sessions that have become recognized as the single voice of the military installations for the small businesses in the Colorado Springs area.

The results of the partnership are impressive, with the five military activities awarding over \$180 million in contracts to small businesses, to date. This partnership effort established a unique standard of excellence in executing and promoting both the Army and Air Force Small Business programs.

(Ralls is associate director for the command's Small and Disadvantaged Business Utilization, or SADB)



(Air Force photo)

(left) The Honorable Whitten Peters, acting secretary of the Air Force, presents an award to Daryll Nottingham. She is deputy chief of staff, contracting, at the Army Space Command, Colorado Springs, Colo. Nottingham earned the Air Force award as a team member on an Army and Air Force partnership team, providing outreach and counseling services to small business firms in the state of Colorado.



Hail & Farewell ...

Farewell to Dr. Claire McCullough, Tom Scharfenberg; and Marc Johnson; welcome to Lt. Cols. Wilbur "Bo" Parker, Jerry Bradshaw, Mary Fulmer and Randy Pestona, and to Maj. (P) Steve Morris.

Awards ...

Command awards for Army Emergency Relief Campaign recognition from Redstone Arsenal, Ala. and from American Red Cross for employees' donation of 415 pints of blood during the past year; DoD award for excellence, Pat Lampton; 40-year civilian pin to Paul Sinclair; 35-year pin to Jerry White; 30-year pins to Charles Bailey, Thomas Delong, and Scott Horkman; 25-year pins to Karol Boutwell, Jennifer Greiner, Albert Reinecke, William Strickland, Joan Duvall, and Jess Granone; 20-year pins to Judy Krawczyk and Jean Sims; 10-year pin to Rob Darnell.

Promotions ...

Gisele Wilson
Melitta Rankin

Retirement ...

David Lambert

... and I think to myself

what a wonderful world!



“I believe our children are our future, teach them well and let them lead the way...” Lt. Gen. John Costello (far right) visited Martha’s Table in July, a center in Washington, D.C., that SMDC soldiers and employees often support. The center provides nutritious meals and supervised after-school learning and literacy activities to low-income children and teens. The non-profit organization is listed in the Combined Federal Campaign.

Photos by
Marc Raimondi
and
Mike Biddle



“Get out in that kitchen and rattle them pots and pans...” Chief of Staff Col. Bob Pollard assumes “other duties as assigned”—slinging burgers—during a 4th of July cookout at Lt. Gen. and Mrs. John Costello’s home.



“We are the world, we are the children...” The U.S. Army Space and Missile Defense Command believes that you can’t start too early grooming future soldiers and employees. Four of those future leaders are: (left to right) Kayla Nicole Berrios,

twins Natalie and Glenna Boggs, and Collin Parker. Their dads are Capt. Jose Berrios and Lt. Col. Bob Boggs, both of the Deputy Chief of Staff Operations; and Maj. Michael Parker, Army Space Program Office.