

Redstone Rocket

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Marine Corps gives HIMARS high marks during demonstration



Potential customer likes Army system

By PFC KIANDRA KAISER
Fort Bragg, N.C., "Paraglide"

Gen. Eric Shinseki, Army chief of staff, says the Army's goal for transformation is "to field a force that is strategically responsive and dominant at every point on the spectrum of operations." This means the development of new weapon systems, like Redstone Arsenal's own High Mobility Artillery Rocket System, that will provide the light forces with the same lethal firepower capabilities that their heavier force counterparts now employ.

Apparently the Army isn't the only branch of service listening.

The Marine Corps is also taking a look at HIMARS, which takes the firepower of the Multiple Launch Rocket System and integrates it onto a medium tactical vehicle chassis. The High Mobility Rocket System is being developed by the MLRS Project Office—under the Program Executive Office for Tactical Missiles— to support the urgent needs of the Army for a light and highly deployable rocket/missile launcher that packs a punch.

See Demonstration on page 18

BIG BANG— Camp Lejeune has its first ever HIMARS rocket firings as part of the 18th Field Artillery Brigade deployment exercise.

PFC Kiandra Kaiser/ Paraglide

Flinn fills empty nest with new job as general's deputy

Following his predecessors an 'intimidating responsibility'

By SANDY RIEBELING
Staff writer

It is a season of change for Jim Flinn, AMCOM's new deputy to the commanding general.

Just weeks away from retirement eligibility and sending his youngest child off to college, Flinn and his wife, Nancy, had some big decisions to make. Should he retire from his position as director of the

Integrated Materiel Management Center and drift off into his golden years or does he continue on at AMCOM, accepting the challenges that will reshape the Aviation and Missile Command and in part, the Army's future weapons systems?

"It wasn't a quick decision," Flinn said. "This close to retirement, we had to look out and see what was next on the horizon for us. It was something we prayed about. Being here— it was the Lord's decision. Not to take anything away from the support Gen. Sullivan gave us, or Gen. Link or

See Flinn on page 19



Photo by Sandy Riebeling

A NEW BEGINNING— Jim Flinn, talking with his secretary, Sam Glover, is AMCOM's new deputy to the commanding general. Flinn succeeds Dan Rubery, who retired, July 1.

Watermelons flourish in wasteland

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Defense leader's commentary: Force protection remains my priority

Editor's note: This is the text of an OP-ED statement appearing in the July 31 issues of the Army, Air Force, Navy, and Marine Corps Times newspapers.

By WILLIAM COHEN
Secretary of Defense

As secretary of defense, I make the welfare, health and safety of men and women in uniform my top priority.

That is why in 1998 I accepted the recommendation of the Joint Chiefs to require vaccination of all U.S. military personnel against anthrax, a deadly biological warfare agent.

In making that decision I put safety first. I determined that vaccination is the safest, most reliable protection from a potential threat that is nearly always lethal to unprotected individuals.

I also put safety first when I ordered supplemental testing, consistent with Food and Drug Administration standards, to assure sterility, safety, potency and purity of the vaccine. Although the FDA has licensed anthrax vaccine for use, I wanted to make sure that every dose, whether from the stockpile or new production, met the highest quality and safety standards.

When we began the vaccinations, we had a stockpile of FDA-approved vaccine and one manufacturing facility that couldn't make enough vaccine to meet the military's needs. Bioport, a new company, took over anthrax vaccine production and began to replace the old plant with a modern facility. That facility cannot begin

operations until it meets the high standards set by the FDA. We expect approval later this year.

The military has been conducting the vaccination program with FDA-approved doses from the stockpile. Now, however, we are running low on doses of stored vaccine that have passed the rigorous supplemental testing that I required.

Anthrax vaccinations are as necessary to protect our troops as are tetanus shots and helmets.

— William Cohen

Last week I again put safety first when I decided to slow the anthrax vaccination program until we can start producing vaccine from a new facility that meets the most stringent Food and Drug Administration standards.

To make the best use of doses that have been certified safe and effective, we will vaccinate only those facing the greatest risk in the high threat areas of Southwest Asia and Korea -- those who are deployed on the ground for 30 days or more. Vaccinations for those deployed to these high threat areas for less than 30 days will be deferred.

Soldiers, sailors, airmen and Marines deploying to high threat areas ashore for more than 30 days will start the standard FDA protocol of six doses over 18 months, plus annual boosters. We will discontinue shots for those who leave the high threat area before the protocol is complete, and we will stop shots for oth-

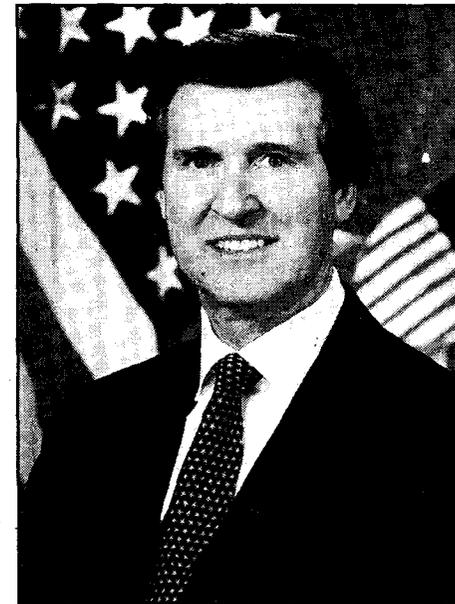
ers who have started the protocol but who are no longer in high threat areas. Units are, however, authorized to use remaining vaccine on hand locally to continue the shot series, if shipment of stocks to the high threat areas is not feasible.

For those whose next scheduled shot is deferred, we expect to resume the series of shots where it was interrupted, rather than to start it anew -- provided that the interruption is of reasonable length. In general, this means that those who have had the first three shots will resume the program with the fourth shot. The FDA supports this approach. Even the first shot begins to provide a degree of protection.

We will resume the full vaccination program as soon as we have a sufficient supply of safe, effective vaccine. The narrowing of the vaccination program reflects a temporary supply shortage -- nothing more. As Bioport, the sole vaccine supplier, works to achieve FDA certification for its new production facility, we will look for a second source of the vaccine to help meet future needs.

Anthrax remains the primary biological warfare threat to our forces. It is cheap to produce, easy to put into weapons, hard to detect and highly lethal when inhaled by those without protection. At least 10 countries have or are developing anthrax as a deadly weapon. This is why I added anthrax vaccination to our force protection program.

In the last two years, about 20 percent of our soldiers, sailors, airmen and Marines have begun to receive protection against



File photo

WILLIAM COHEN

the deadly anthrax threat, with emphasis on those in the highest threat areas. There have been very few side effects. We will continue to concentrate on protecting troops in the highest threat areas.

Anthrax vaccinations are as necessary to protect our troops as are tetanus shots and helmets. The vaccine has a 30-year record of safe, effective use. We will continue to protect troops on long deployments to high threat areas, and we will quickly resume the full vaccination program as soon as supplies allow.

Troops deserve this protection, and they will get it. (American Forces Press Service)

Team Redstone youngsters have their day this Friday

By Sgt. SHARON McBRIDE
Staff writer

It's going to be one last blast for kids before school starts.

Headquarters and A Company, 832nd Ordnance Battalion is holding a Team Redstone Kids Day on Friday at the Post Theater.

The event, open to all children on post, starts at noon and runs until 10 p.m. Kids and parents alike can enjoy

free movies, a moon bounce, a football toss, basketball shoot, duck pond, clown toss, dunk tank, and hot dogs, popcorn, candy and soda. All free of charge.

"We wanted to do something just for the kids," said 1st Sgt. Willie Pullom, first sergeant for Headquarters and A Company. "It will give them one last chance to do something fun on post before going back to school.

"And we're running it late in case parents have to work," he said. "They will still be able to take their kids to the event."

Advanced Individual Training students from B Company and C Company will run the events with soldiers from the BOSS (Better Opportunities for Single Soldiers) program. A local radio station will also be on hand for the event.

"It's going to be fun for kids and parents alike," Pullom said.

Prizes will be awarded. For more information, call 842-0584.

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Sky's the limit for new aviation program executive officer

Bergantz promoted to major general

By MARGARET BANISH-DONALDSON
For the Rocket

Newly promoted Maj. Gen. Joseph Bergantz would give the local community a star as well.

He received his second star July 31 from Lt. Gen. Paul Kern, director of the Army Acquisition Corps, in a promotion and change of management ceremony at Bob Jones Auditorium. Bergantz succeeded Maj. Gen. James Snider as the program executive officer for aviation.

"The move to Huntsville, Ala., turned out to be a positive turning point in my career as I moved up the ladder to my current assignment as Aviation PEO," Bergantz said. "In this new job, I plan to keep the emphasis linked to the Comanche."

One of his main goals is to see the Comanche-developed technologies upgraded on other defense systems such as the Apache, Black Hawk and Chinook so everyone can benefit. Another goal is to have a common display developed for the whole fleet instead of individual displays.

"One particular area I will concentrate on involves expanding our commonality to ground vehicles, which could prove to be more cost effective," Bergantz said. "However, it won't work in every case because of performance."

The promotion and change of management ceremony took place July 31 in the Bob Jones Auditorium.

Bergantz assumed duties as the Comanche program management officer in June 1997. The Comanche is designed to conduct multiple operational roles on the battlefield using its advanced avionics suite, and provide timely and accurate tactical information to other Army and joint assets across the tactical internet.

"When I took over as the Comanche PMO, there was only one flying prototype aircraft," Bergantz said. "By March of 1999, we were able to get a second prototype aircraft, 'The Duke,' in flight, a month ahead of schedule."

In order to strengthen the bond between industry and the government, the Comanche PMO, under Bergantz's leadership, convinced Boeing and Sikorsky to move their Joint Program Office to Huntsville. In the past, the JPO, which manages the RAH-66 development for Boeing and Sikorsky, alternated between sites near Sikorsky Aircraft in Stratford, Conn., and Boeing in Philadelphia, Pa.

According to Bergantz, Boeing and Sikorsky warmed to the idea, culminating this venture, which resulted in an office outside Rideout Road on Bradford. Eighteen people were moved here, and an additional 12 people were hired, making a



Dorothy Moore/Photo Lab

SEEING STARS-- Maj. Gen. Joseph Bergantz receives his second star from Lt. Gen. Paul Kern and Bergantz's wife, Helen. Bergantz also took over the job of program executive officer for aviation from Maj. Gen. James Snider, who left Huntsville to work in Army research and development in Washington, D.C.

total of 30 technical and administrative specialists in the office. There is a potential that number will grow to 35 people.

Bergantz has been initiating some international interest in the Comanche by having a static display at the air shows in Paris and Farnborough. "We are trying to grow and start working with our foreign allies and friends," he said. "We want to build a good case where we can get an export license with our allies."

Finally, Comanche was able to reach Milestone II during Bergantz's term. Instead of having a discrete proposal evaluation board: engineering, logistical, acquisition and legal aspects of the contract were negotiated using an upfront Alpha contracting approach. This process brings government and industry personnel integrated process teams together on a day-to-day basis to evaluate, clarify, and ensure that the proposal clearly meets the statement of work. Furthermore, Alpha ensures that the proposed price is reasonable.

This process, which is a major Defense Department acquisition reform initiative, reduces acquisition lead time, which resulted in a proposal that was delivered on schedule, within total available funding resources and met all critical program objectives.

"My crowning achievement came June 1, when the engineering and manufacturing development contract was signed," Bergantz said. "The contract signing came right after a Department of Defense Acquisition Board Milestone II review gave us the go-ahead for EMD."

Prior to his assignment as Comanche PM, Bergantz's stateside assignments included instructor, associate professor and acting professor at West Point; Army Aviation and Systems Command research and development coordinator, Light Helicopter Office, assistant program manager for Apache Longbow; project manager for

Communications and Electronic Warfare Aircraft; commander, Army Aviation Technical Test Center; and director for aviation and intelligence and electronic warfare programs, Office of the Assistant Secretary of the Army, R&D.

Also, his military career took him to overseas posts in Wertheim, Germany, where he served as flight platoon leader and assistant operations officer.

"What's more, my association with the Army Aviation Association of America, and being the president for the Tennessee Valley Chapter since our move here to Huntsville has been very rewarding," Bergantz said. "A vast majority of the St. Louis AAAA members transferred into the TV Chapter. Our scholarship fund has increased as well as our chapter activity functions, which has enabled us to meet and in many cases surpass the needs of the members."

Bergantz is a native of Huntingdon, Pa. He received his Army commission in the Field Artillery upon graduation from the U.S. Military Academy at West Point.

He is also a graduate of the Army War College, and holds a master's degree in aerospace engineering from Georgia Tech, and a master's degree in engineering management from the University of Missouri at Rolla.

Bergantz is married to the former Helen Anna Kobasa. They have a son, Eric, and daughter, Letitia, known as "Tish."

Eric is an Army captain, married to Tanya, and recently they had their first baby, Andrew Joseph. They are stationed at Fort Rucker.

Tish will be getting married in late August to Capt. Tom Snow and will reside at Fort Riley, Kan.

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Contract managers beef up their skills over lunch

Association offers education, opportunity for career growth

By SANDY RIEBELING
Staff writer

The face of business is continually changing. Acquisition is being streamlined. Government and industry contracting and acquisition professionals are always on the lookout for new opportunities and ways to do it better, faster and cheaper. The profession defines the motto: survival of the fittest.

The National Contract Management Association is a non-profit organization created to develop and refine contract managing skills, to broaden the arena of knowledge and opportunities and provide an environment among its members to allow a free flow exchange of ideas.

"The purpose of our association is to foster professional growth and education advancement of its membership," Joe Hidalgo, association president, said. Hidalgo is a senior contracts administrator at Sparta, in Huntsville. "Our membership is opened to everyone and you'd be surprised by the variety of professionals we have, from accountants and attorneys to consultants, educators and all kinds of business managers."

The national association has about 21,000 members, 500 of those belonging to the local NCMA chapter, comprised of a combination of principally government and industry professionals. The prime mission directive, according to Hidalgo, is education, relative to contracting and acquisition management.

The chapter supports its prime mission by sponsoring monthly luncheons with topical guest speakers, special conferences and seminars throughout the year, educational products and literature, professional credentials through course study and a job referral service.

"We also sponsor a National Education Seminar, usually in the February-March time frame, that offers workshops in specific areas," Hidalgo said. "We are doing as much as we can, providing as many opportunities as possible to assist our membership in their personal and professional goals. Our luncheon in May was particularly well-received. Stephen Beale, director of procurement at Marshall Space Flight Center, gave a talk on career development, a topic most people are interested in."

The monthly luncheons are held at a variety of locations in Huntsville with the topic and guest speaker announced well in advance in their monthly newsletter to members.



Photo by Sandy Riebeling

IDEA EXCHANGE— One of the goals of the National Contract Management Association is to provide a forum for the exchange of ideas among members. Joe Hidalgo, association president, discusses plans for the upcoming monthly luncheon Aug. 17.

"The luncheons also provide a relaxed atmosphere to network and exchange ideas with like professionals," Hidalgo said.

NCMA is also one of the few organizations that offer professional credentials such as the Certified Professional Contracts Manager and the Certified Associate Contracts Manager certificates.

"The CPCM is an extensive course," Hidalgo said. "The exam is a six-hour essay answer test. It's tough, but that's what makes the certification so valuable."

The Association also has a website, <http://www.ncmahsv.org/homepage.shtm> that offers information on the organization, members to contact with questions or

topic ideas, web links to associated sites and full text of the current newsletter.

"Much of our government membership comes from NASA," Hidalgo said. "We are really trying to get the word out about who we are and what we offer to the Army side of the house."

Membership fees for one year are \$105, unless a person is joining at a national conference or seminar, then the fee is \$85. The annual renewal fee is also \$85. Members receive discounts on a variety of services and products offered through the organization. NCMA also offers discounted membership fees to lower-income individuals and retirees. Application can be made through the website.

Environmental Planning & Analysis Naval Air Station, Patuxent River, MD

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Environmental Project Manager

Environmental project manager to monitor environmental planning and implementation efforts at the Naval Air Station in southern MD. Ensure EIS commitments are fulfilled, providing routine technical reports to client. Required skills include working knowledge of environmental regulations including NEPA, strong communication and writing skills, excellent computer skills and organizational/project management experience.

Jr. Environmental Analyst

Junior analyst to support environmental planning projects at the Naval Air Station in southern, MD. Position requires strong writing, research and analytical skills as well as a strong background in environmental science or related field. Knowledge of environmental regulations is a must. Experience in NEPA compliance is desired.

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Teledyne Brown, Boeing reach contract agreement

Teledyne Brown Engineering has completed negotiations with the Boeing Company for several options on the National Missile Defense-Lead Systems Integrator (NMD-LSI) contract.

These contract options, when exercised, will mean more than \$507 million to Teledyne Brown Engineering. These options provide Teledyne Brown with additional scope of work on the NMD program from April 2001 through 2008. The areas of work covered by the agreement include a wide range of roles and responsibilities in Systems Engineering and Integration, Battle Management Command and Control, Test and Evaluation, and Deployment and Sustainment.

Teledyne Brown has performed as a subcontractor to Boeing on the NMD-LSI contract since May 1998, employing more than 400 personnel in multiple integrated

product teams under the basic portion of the contract that concludes in April 2001.

Teledyne Brown has more than 40 years of expertise covering virtually every area associated with the NMD program, including boosters, kill vehicle and sensor development, integration of the battle management command and control system, systems integration and engineering, test and evaluation, and environmental planning and deployment.

Teledyne Brown Engineering Inc. is a wholly owned subsidiary of Teledyne Technologies Incorporated, headquartered in Los Angeles. Teledyne Technologies is a leading provider of sophisticated electronics and communications products, systems engineering solutions, and aerospace products and components. Teledyne Technologies has operations in the U.S., the United Kingdom and Mexico. (Teledyne Brown Engineering release)

Long-distance marriage should work for rockets and missiles

Two project offices join to become one

By SKIP VAUGHN
Rocket editor

This office merger was like a wedding in which the bride and groom will live miles apart.

Wes McElveen, project manager of the newly-formed Aviation Rockets and Missiles Project Office, isn't worried about the long-distance marriage, however. The ARM office was born Aug. 2 out of the union between the 2.75-inch Rocket Systems Project Office at Rock Island, Ill., and the Air-to-Ground Missile Systems Project Office at Redstone.

No one will move with the merger. McElveen formerly managed the 2.75-inch rocket project at Rock Island and will remain there.

So, how does he plan to manage an office with members at both Rock Island and Redstone?

"Empowerment," McElveen said. "Got some good people. I'm going to fully empower them, give them responsibility and let them run with the ball. I've worked with them at Rock Island enough to know I can count on them. So I don't see that as a problem. And what I know of the missile people here at Redstone, same thing. Very competent. I'm very fortunate to have the opportunity to work with such a competent

group of professionals."

Rhett Farior, the outgoing project manager for air-to-ground missiles, said the same thing about the people he managed. He served the AGMS project office in various capacities over the past 18 years, the last year as the project manager. The activation ceremony Aug. 2 at the Recreation Center also marked his retirement with 32 years of military and civilian government service.

"They are collectively a national asset," Farior said of his workers. "And I really mean that."

Brig. Gen. John Holly, program executive officer for tactical missiles, presented the project office charter to McElveen. "This is a very important day for our PEO and our Army," Holly said.

McElveen, a native of Pamplico, S.C., received a master's degree in computer science and technology from Alabama A&M University in 1984. His more than 40 years of federal service has included stops at Redstone, first as a soldier in 1970. He returned to Redstone in 1974, 1978 and 1982. He and his wife, Essie, bought a house here in 1976 which they still own. McElveen served as product manager for test equipment modernization and calibration sets, under the program manager for Test Measurement and Diagnostic Equipment, before leaving for Rock Island in January 1998.

"This is quite an honor for me," he said during the ceremony. "As we say a significant, emotional event."

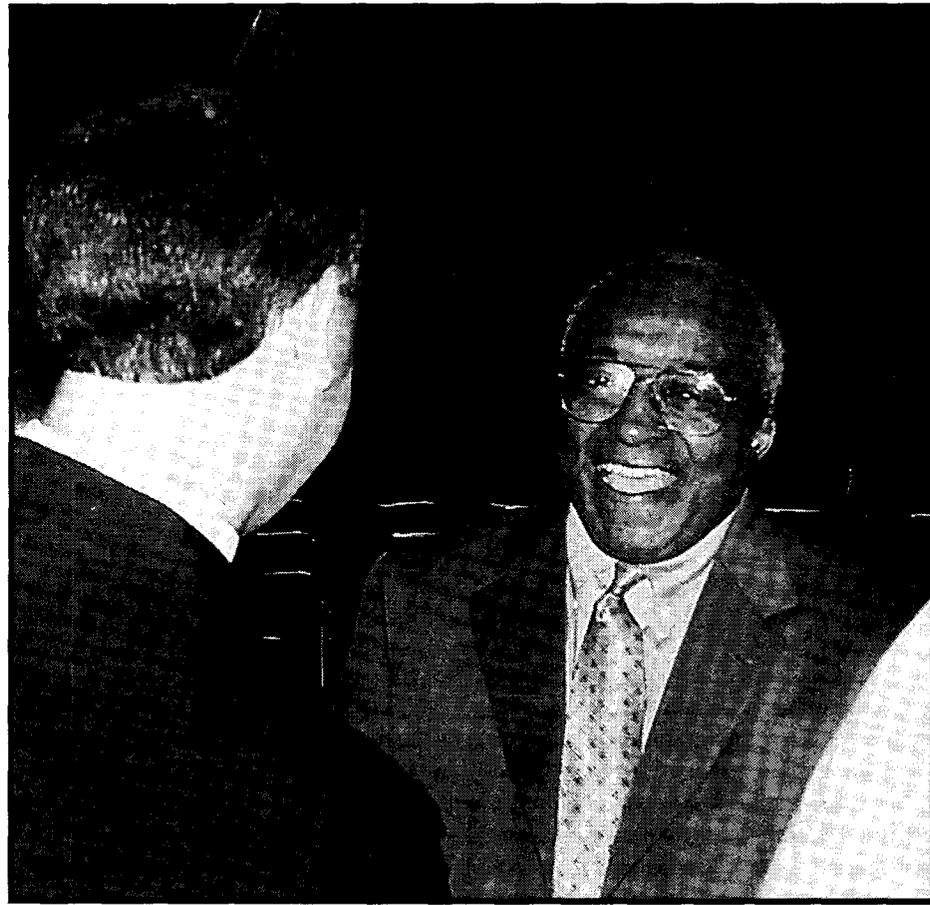


Photo by Skip Vaughn

RECEPTION TIME— Wes McElveen is congratulated after becoming project manager for the newly-formed Aviation Rockets and Missiles Project Office which includes members at Rock Island, Ill., and Redstone.

Helicopter controls unmanned aerial vehicle in flight test

The Aviation Applied Technology Directorate, Fort Eustis, Va., PM Tactical Unmanned Aerial Vehicle, Huntsville and the Air Maneuver Battle Lab, Fort Rucker have successfully flight-tested and demonstrated the Airborne Manned-Unmanned System Technology (AMUST) Program utilizing an AH-64D Apache and Hunter Tactical UAV at Fort Huachuca, Ariz..

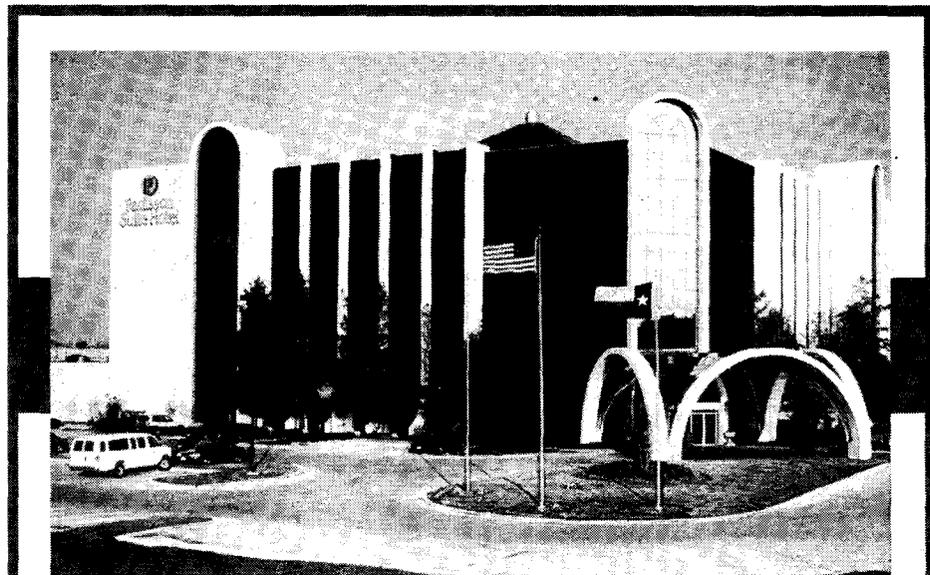
AATD was supported by PM TUAV for use of a Hunter UAV, Boeing-Mesa for integration of the AMUST System on the AH-64D, and TRW for the Hunter integration, ground support, and the Ground Control Station. AATD is part of the Aviation and Missile Research, Development, and Engineering Center. PM TUAV is part of PEO Intelligence, Electronic Warfare, and Sensors.

Flight-testing and demonstrations were completed July 25 culminating in a tactical mission demonstration in which the Ground Control Station launched the Hunter then transferred control to the AH-64D. The AH-64D commanded the Hunter to perform reconnaissance to clear a route for the AH-64D to an observation position. Upon arrival at the position, the AH-64D commanded the Hunter to establish a screen 10 kilometers forward of the AH-64D. Targets acquired by the Hunter sensor were linked to the AH-64D sensor. The

AH-64D was able to locate and identify targets at ranges up to 30 kilometers from the Apache utilizing the AMUST system. The Apache also demonstrated the Tactical Video Link by down-linking real-time Apache targeting video to Fort Huachuca's JSTARS Common Ground Station.

The AMUST program integrated Hunter payload and air vehicle control into the Controls and Display system of the Longbow Apache, utilizing the existing display paging structure and sensor controls. This integrated approach required very little pilot training and eliminated concerns about high workload.

Future utilization of the Apache-Hunter Team are planned for the Joint Contingency Force and the Division Capstone Exercise scheduled for later this year and early next year. The AMUST participation in the Joint Contingency Force will conclude with a live-fire demonstration in which the AH-64D and Hunter will team to acquire targets for hand-over and Hell-fire engagement by another Apache and Kiowa Warrior. A real-time Battle Damage Assessment will be conducted by the Apache Hunter Team and video down-linked to the Tactical Operations Center utilizing AATD's Tactical Video Link system. (Aviation Applied Technology Directorate release)



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Bat assistant logistics manager concludes Army career



Mary Petty/ Photo Lab

RETIRING— Maj. Michael Safford plans to become a contract administrator at Boeing.

A retirement ceremony was held July 24 for Maj. Michael Safford at the Army TACMS- Bat Project Office.

Safford was born in Pensacola, Fla., on Nov. 27, 1959. After serving a four-year enlistment in the Marine Corps, he received a bachelor's degree in management at the University of West Florida. Also, Safford graduated as a Distinguish Military Graduate from ROTC and received an Army commission April 28, 1984.

In 1992, he earned a master's of business administration from Clemson University. His military education includes the Ordnance Officer Basic and Advance Course, Combined Arms and Services Staff School, Army Command and Staff

College and the Material Acquisition Management Course.

Safford served in troop assignments providing support in the 2nd and 3rd Armored Divisions and commanded a missile maintenance company in the 2nd Armored Division. Acquisition assignments include contracts manager, Defense Contract Management Agency, Houston, Texas; contingency contracting officer, 1st Infantry Division, Fort Riley, Kan.; deputy division chief and branch chief, Defense Information Systems Agency, Scott Air Force Base, Ill. His most recent assignment was as the assistant program manager for logistics, Army Tactical Missiles Systems- Bat Project Office.

Safford's military awards and decorations include a Defense Meritorious Service Medal, three awards of the Meritorious Service Medal, two awards of the Joint Service Commendation Medal, Army Commendation Medal and the Marine Corps Good Conduct Medal.

Safford is married to the former Linda Leigh from Pensacola, Fla. They have a son, Nicholas, 14, and a daughter, April, 10.

Following his retirement from active duty, Safford will be employed by the Boeing Corporation, International Space Station Project Office, Marshall Space Flight Center as a contract administrator.

Air traffic controllers see switch toward better communications

Product Manager for Air Traffic Control Systems, has fielded the Voice Communications Switching System (VCSS) to Davison Army Air Field, Fort Belvoir, Va.

The installation marks the eighth successful fielding in the Army's ongoing six-year program, commanded by Lt. Col. Cory Mahanna. The voice switch replacement, a part of a larger Federal Aviation Administration and DoD national airspace upgrade plan, is designed to modernize air traffic control and make FAA and DoD

systems compatible.

VCSS, also know as "voice switching," is the technology that allows pilots and air traffic controllers to pass critical flight information.

Many Army air traffic towers have 15- to 20-year-old voice switches. These switches-use technologies only marginally support the Army's high operations tempo.

Ronnie Tucker, Army project leader for the VCSS, believes these improvements

will increase safety.

"For us, the VCSS came about so that the Army could keep our current capabilities while updating obsolete technology," Tucker said. "The VCSS exploits advances in telecommunications technology which meets our need for reliable air-to-ground and ground-to-ground voice switching between air traffic control facilities and pilots."

According to Tucker, "improved reliability translates to improved aviation safety."

Besides increased reliability, Army air traffic personnel can look for improvements such as new circuit-related features, speed dialing, touch entry displays, and enhanced operational features, such as emergency push-to-talks radios and easier frequency selections, a task that the air traffic control performs in order to talk with aircraft. As a result of the move from analog to digital technologies, controllers can also look for improved audio clarity.

But like any change, the transition is slow. With the demand for high training tempos,

it is nearly impossible to simply shut down a tower, which would result in closing all Army air operations in any given area.

Since old systems must be removed before new systems can be installed, a task which takes anywhere from two weeks to a month, "making the switch" can be a timely process. Knowing this, PM-ATC works with installations to ensure the availability of one of the Army's mobile tactical towers, AN/TSW-7A, during the transition. This kind of cross utilization comes as a natural result of PM-ATC's dual mission as the proponent for both fixed base and tactical systems.

The tactical tower is a mobile facility that provides field air traffic services in a corps area. Moving air traffic operations to the tactical system during the VCSS installation allows controllers to couple sustained tactical training with their normal duty day.

The Army plans to install another 12 systems in fiscal 2001. (Air Traffic Control Systems release)

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Advanced Technologies

- Intro to Common Gateway Interface (CGI) Scripts with Perl . . . Aug 28-Sept 1 • M-F • 8am-Noon • 21010013N
- Microsoft FrontPage Sept 11-14 • M-Th • 5-9pm • 21010114N
- Introduction to Radar Systems Sept 18-22 • M-F • 8am-Noon • 23010117N
- The Unified Modeling Language Sept 25-29 • M-F • 8am-Noon • 21010097N
- Introduction to Linux Sept 25-Oct 6 • M-F • 8am-Noon • 21010098N
- Six Degrees of Freedom (DOF): Simulation and Missile Guidance Control Oct 10-Dec 7 • T&Th • 6-8pm • 23010139N
- Introduction to Propulsion/Rocket Propulsion Oct 23-25 • M-W • 8am-Noon • 23010072N

Business & Management

- Proposal Preparation Sept 11-18 • M • 6-9pm • 23010018N
- Internet Auctioneering Sept 11-30 • M • 6-9pm • 22010044N
- Securing, Organizing and Staffing the Project Sept 12-Oct 3 • T • 6-9pm • 23010050N
- Competing For Today's Workforce: Recruiting and Retaining Generation X Sept 14-21 • Th • 6-9pm • 23010073N
- Conversational Russian Sept 14-Nov 2 • Th • 6-8:30pm • 22010128N
- Civil War and Indian Collectibles Sept 19-Nov 7 • T • 6-8pm • 22010045N
- Interior Design I Sept 19-Nov 21 • T • 6-8pm • 22010029N
- Architectural Drawing I Sept 21-Nov 30 • Th • 6-8pm • 22010031N
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Virtual demo

Paul Griffiths, left, conducts a Virtual Targets Center demonstration at the Aviation and Missile Research, Development and Engineering Center booth during the Army Test and Evaluation Days held July 25-27 at the Von Braun Center. The exposition expanded on the conference theme: "Assessing DoD Test and Evaluation Accomplishments, Issues and the Evolution Ahead."

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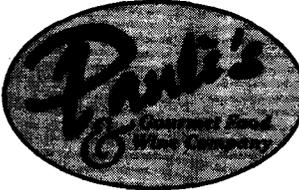
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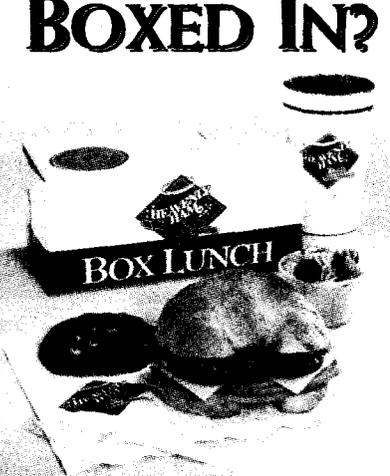
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Chess player moves toward All Army tryouts

Twelve soldiers selected to compete for six spaces

By Sgt. SHARON McBRIDE
Staff writer

One of Redstone Arsenal's own has been chosen to compete in the prestigious All Army Chess Tournament to be held Aug. 11-18 at Fort Meyer, Va.

SSgt. Jeffrey McAleer, an instructor at the technical escort branch here, was selected along with 11 other soldiers from across the Army to compete in this tournament. Once the competition is over, only six out of the 12 will be selected to be a part of the 2000 All Army Chess Team.

McAleer, who's been playing chess since he was in high school, hopes to be one of those six this year.

"I love the competition," he said. "I love outsmarting the other guy. That's why I love to play chess." It's a love that has led to his selection for the All Army team every year, except two, since 1993.

And he hopes this year won't turn out to be another exception. McAleer has been getting ready for the stiff competition by participating in other tournaments around the nation since the beginning of the year.

"I've done five tournaments since January so far," he said, "and I've done quite well in all of them."

Every time he competes he hopes to improve his overall U.S Chess Federation rating. Right now, McAleer holds a rating of 1863. Other competitors scheduled to compete in the Fort Meyer tournament have ratings that range from the low 1700s to the high 2100s.

But these other competitors aren't strangers to McAleer. Every year the same soldiers compete for the slots on the All Army Team.

"It's a reunion of sorts," he said. "There's great camaraderie. It's really fun to see who's going to beat each other. It



Photo by Sgt. Sharon McBride

CHESS WIZ- SSgt. Jeffrey McAleer practices his chess moves. McAleer has been chosen to represent Redstone Arsenal at the annual All-Army Chess Tournament to be held at Fort Meyer, Va., Aug. 11-18.

makes competition tight. Everyone always improves every year."

This year McAleer thinks he's ready for the best of them. He's been studying strategy books and practicing on the computer as well as competing in tournaments.

"But I use the computer mainly as a tool to study different strategies," he said. The computer doesn't replace the knowledge and the experience he gains by playing other USCF ranked players. And he's confident because he basically knows how the other soldiers play, and he's been studying to devise better strategies against his tougher competitors.

"But they're probably studying hard too," he said. "It's going to be fun to see who gets picked this year."

The selectees for the All Army Chess Team will represent the United States at the International Military Chess Tournament organized by the North Atlantic Treaty Organization committee Oct. 21-18 at Leopoldburg, Belgium.

BREATH TAKING.

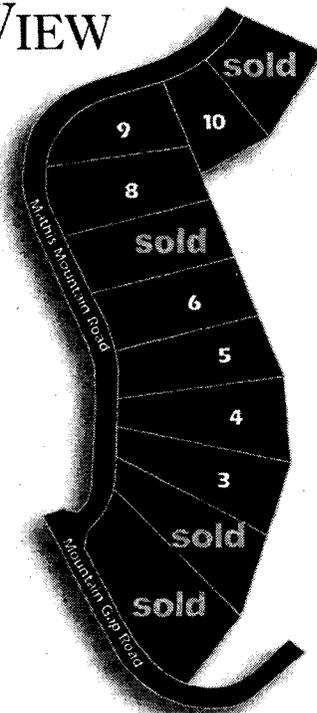


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Identity theft on rise with modern technology

Some 550,000 cases reported in 1998

By CHARLES KIPLINGER
Provost Marshal Investigations

This is a crime that most look at and say, "It won't happen to me, I'm careful." No matter how careful you are the potential for this to happen to you is there.

Nothing can be worse than to wake up one morning and find your entire life has changed. No longer can you just go to the store and purchase anything you want and pay for it by credit card or write a personal check. You cannot buy that new car you were wanting, nor can you purchase that new dream home you have worked years to get. All because someone has stolen your identity.

A recent incident occurred on Redstone Arsenal where a caller attempted to obtain medical information on a senior officer. The officer's wife, who did everything by the book, received the call. She would not provide nor confirm any information relating to her husband and tried to obtain a call back number to verify information from the caller to help identify where the call was coming from and who the caller was.

Identity theft is something that is not new, but with the advancement of technologies it is a crime that is on the rise and easier to carry out. Complaints of identity theft have risen from 35,000 in 1995 to 550,000 in 1998 and are estimated to reach 2 billion by 2005. Identity theft for members of the military, their families, and government employees can take on a different aspect.

Exactly what is identity theft? It is nothing more than someone who has obtained specific information on a person and is impersonating them. They have obtained your name, address, date of birth and social security number, or just your mother's maiden name.

The information is obtained by various means, such as stealing your mail, watching over your shoulder at ATMs, or dumpster diving. It is surprising how much information about ourselves we throw away.

Criminals then use this information to take over financial accounts, open bank accounts, apply for loans, credit cards, apply for social security benefits, purchase property such as cars, and other high dollar items, rent apartments and establish services such as telephone and utilities.

Now that your life has fallen apart it is time to start clearing your name and re-establishing your credit.

First off get yourself organized. Start a file to maintain notes in and include the names of persons called, time they were called, the phone number called and what you

discussed with that person.

Contact the police and report the identity theft and get a copy of the report for your files and to provide to others in the future. Remember it may take a while to get the copy of the report. The wheels of justice turn; they just turn slowly at times. The report is necessary and the most important item you will need to clear your name and credit.

*Exactly what is identity theft?
It is nothing more than someone
who has obtained specific
information on a person and
is impersonating them.*

If your identity was taken from the loss or theft of a wallet or purse, ensure a police report is filed for these matters and include a detailed listing of the items contained in them. In both cases you will be provided with a crime report number. Ensure you get the number, the officer's name who takes the report, and any information the police provide you and write it down in your notebook.

After you have filed the police report, the next step is to contact your bank and credit card holders. If checks have been taken have the bank close your account. If you have outstanding checks try to leave enough money in the old account to cover these checks. If you have overdraft protection make sure it is not in force. Cancel any ATM or check cards with the bank and have new ones issued. Next contact all your credit card holders and have the cards canceled and new ones re-issued. Don't forget to cancel library and video store cards. If books or videos are checked out under your name you may be liable for any charges.

Contact the social security administration at (800) 225-5674, and inform them your social security card has been stolen. They will send you additional information on what to do if someone else uses your social security number.

After you have canceled all your bank accounts, major credit cards, and other cards, you will need to contact the credit bureaus and notify them. There are three major credit card companies and you will have to contact all three. Even if you are told by your bank or credit card company that they will report it, do it yourself. The companies are: EQUIFAX (800) 505-2136; TRANS UNION

(800) 680-7289, and EXPERION (800) 301-7195. It is important to have them place a fraud alert to your credit file and that it stays in the file for at least one year. Have a good contact number listed in this alert so if an attempt to open an account is made you will be called for verification before any credit is granted.

There are several things you can do to help prevent your identity from falling into someone else's hands.

- Promptly remove mail from the mailbox.
 - Deposit outgoing mail in collection boxes.
 - Never, NEVER, give out personal information over the telephone.
 - Shred pre-approved credit card applications, credit card receipts, bills, and other financial information. A \$29 investment today could save thousands in the future.
 - Do not carry extra credit cards with you; pick one good one and use it.
 - Do not carry your social security card with you. Memorize it and other important numbers.
 - Beware of mail and telephone solicitations disguised as promotions offering instant prizes or as charitable organizations.
 - Use caution in disclosing credit card and personal information over the Internet. Use a secure site and use a browser with a minimum of 128 bit Cipher strength.
- From a Force Protection aspect, identity theft can be a safety issue for military personnel, their families and civilian employees. Identity theft can be used by subversive organizations to determine a person's position and responsibilities, or for use in potential kidnapping schemes. Preventive measures that can be taken are:
- Don't put your name on the mailbox or exterior walls of your house.
 - Don't answer your telephone with your name and rank.
 - Teach children not to give out family information on the telephone.
 - Consider the use of an unlisted and unpublished phone number.
 - Destroy all trash that could be a source of information.
 - Teach children to be on guard against the approach or questioning by strangers.
 - Advise school officials that children are not to be released to non-designated persons under any circumstances.
 - Don't share personal information about yourself, your job, or your family, particularly in public places.
 - Vary your route to and from work.
 - Be alert to your surroundings.

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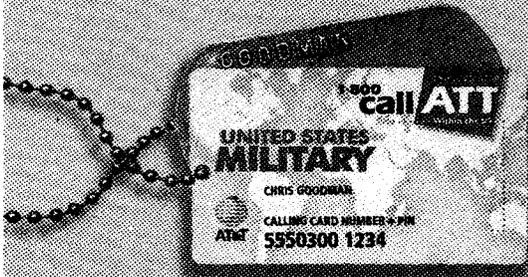
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Surfing into X-rated websites can be fatal to your career

Government computers intended for official use

By JACK LUNDY
For the Rocket

Beware of sharks while surfing the Internet at work.

If you happen to drift into an X-rated, sexually explicit website, you should leave the water immediately. A lengthy or return visit can be terminally hazardous to your health, wealth and career.

Official doctrine at all levels governs the proper use of government communications resources. It's OK to use your work telephone to call about a car repair, child care, coordination of on-the-way-home errands, etc. Such short, non-official calls are occasionally necessary, perhaps part of the cost of doing business. But such calls differ substantially from long calls to distant relatives; regular conduct of personal or commercial business; or, gambling on sports and the stock market. If caught, such misuses could result in official disciplinary actions.

Personal computers, as well as telephones, are government communications resources, and any usage is prohibited if it would reflect adversely on DoD or AMCOM. Further, such use is not secure, not anonymous, and subject to monitoring. Computers are actually easier to monitor than telephones.

Software applications exist that enable system administrators and investigative personnel to monitor sites and other activities computers access on the Internet. Everything done on a PC leaves a "footprint" of what was done; and, as such, can be traced. This includes surfing through the Redstone Arsenal servers via laptops while on TDY. Whenever access to the web is done through these servers, the chances of being caught hitting X-rated sites become excellent.

The best and easiest way to stay out of trouble is to avoid it in the first place.

Some sophisticated sites entrap in a loop, where every try to exit is redirected

back to that site's home page. One response is to hit the "STOP" button and exit the Internet browser. If that fails, it may be advisable to just turn off the computer.

This type of incident should be promptly reported to your immediate supervisor or ISSO/system administrator. The system administrator may subsequently have to do file maintenance on the involved computer to ensure that no files from X-rated sites stay onboard. Additionally, for self-protection, the errant surfer should write a Memorandum for Record explaining the incident and provide a copy to their supervisor.

If someone is the recipient of X-rated e-mail, there are a couple of choices. If the sender is unknown, the junk mail applet in MS Outlook can be used to block future mailings. If the e-mail is from a person subject to the Joint Ethics Regulation or the Uniform Code of Military Justice, consideration should be given to reporting the violation to the appropriate authorities. Otherwise, if the e-mail or attachment can be deemed inappropriate without opening or executing it, then it should just be deleted. However, if inadvertently opened, it should still be deleted. Do not distribute or forward any inappropriate material. After deleting it, the recipient should reply to the sender and request that they refrain from sending any more inappropriate material; and, that their action may cause them problems with their employer. If inappropriate material is repeatedly received from a "spammer" (a sender who bombards with unsolicited e-mail), then employees who have become Spam targets should contact their ISSO for help.

Employees under investigation for conducting Internet X-rated activities should consider cooperating with the investigators during any inquiry (for instance, doing a Memorandum for Record delineating the facts and circumstances). To falsely contend that someone else accessed the computer and used it to visit unauthorized websites when the employee

was away is generally a poor strategy. Investigators have the tools to obtain evidence to refute this defense. Self-protection precautions such as logging off the computer when away and not sharing passwords are superior strategies because they thwart unauthorized use by others.

Supervisors and managers have a responsibility to walk around and look at their employees' screens as an initial jeop-

ardly-avoidance measure. At the individual level, good judgment with self-discipline is vital. The easiest way to avoid all the aforementioned turmoil is to stick to business and avoid any risky web browsing that could reflect adversely on DoD or AMCOM, especially when it can boomerang and end up costing you everything. In other words, stay out of uncharted waters.

Legal web entraps those who misuse government computers

Potential legal penalties vary for touring X-rated websites.

They take into consideration the nature of the pornographic material, the particular facts of each case and specific law violated, and the sentencing guidelines for that violation.

There is a broad range of laws possibly applicable to what websites employees are, and are not, permitted to access: Alabama law, U.S. Code, Uniform Code of Military Justice, DoD directives, the Joint Ethics Regulation (JER), Army regulations, AMC policy and AMCOM policy.

Specifically, AMCOM Policy 25-8 references JER 2-301. It directs that authorized use for personal communications does not include those uses which would "reflect adversely on DoD or the DoD component (such as uses involving pornography... and other uses that are incompatible with public service)."

Generally, a military member subject to the UCMJ may receive non-judicial punishment (e.g. Article 15) or may be court-martialed for a violation of the UCMJ. A government civilian employee may receive adverse administrative action or may be prosecuted in federal court for a violation of federal law. A contract employee might receive adverse administrative action under the terms of their employment, or may also be prosecuted in violation of federal law. Moreover, under the Assimilative Crimes Act (18 U.S.C. 13(a)), if there is

no federal law that applies to a crime that occurs on Redstone Arsenal, then it may be prosecuted as a violation of applicable Alabama law. Some of the specifically applicable federal and Alabama laws are:

- 18 U.S.C. § 2251 et seq.— Sexual exploitation and other abuse of children, punishable by fine and/or imprisonment

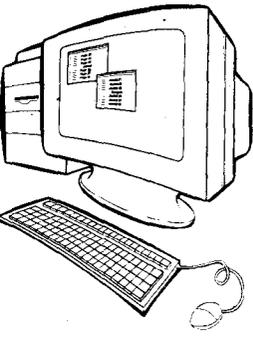
- 18 U.S.C. § 1460 et seq.— Possession with intent to sell, and sale of obscene matter on federal property, importation or transportation of obscene matters, etc., punishable by fine and/or imprisonment

- 47 U.S.C. § 231— The Child Online Protection Act ("COPA") restricts the dissemination of "obscene" materials and materials "harmful to minors" over the world wide web, civil penalty of not more than \$50,000

- Alabama Code Section 13A-12-190 et seq.— Alabama Child Pornography Act, Class B or C felony. A Class B felony is punishable by a fine of not more than \$10,000 and/or imprisonment for not more than 20 years or less than two years. A Class C felony is punishable by a fine of not more than \$5,000 and/or imprisonment for not more than 10 years nor less than one year and one day

- Alabama Code Section 13A-12-200 et seq.— Anti-Obscenity Enforcement Act, misdemeanor punishable by a fine of not more than \$10,000 and/or imprisoned for not more than one year.

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Photo by Skip Vaughn

FRUIT GARDEN— Valerie Carey shows one of three watermelons growing on top of the septic tank outside the Rustic Lodge.

Watermelons aren't choosy about where they grow up

Three impressive fruits sprout from septic tank

By SKIP VAUGHN
Rocket editor

Maybe fertilizer is the secret.

Whatever the reason, three large watermelons grew in the weeds atop the septic tank outside the Rustic Lodge. Go figure.

"I never dreamed when they first started that we'd have these huge watermelons," Valerie Carey, business manager for the Civilian Welfare Fund Council, said.



Photo by Margaret Banish-Donaldson

Chapter leadership

Outgoing president, Maj. Gen. Joseph Bergantz, left, congratulates Col. Bob Birmingham on his appointment as Tennessee Valley Chapter president of the Army Aviation Association of America.

And she doesn't even like watermelon.

The saga began a few months ago when the septic tank was leaking so workers dug it up. Meanwhile, somebody apparently spit a watermelon seed into the fresh dirt. So, guess what happened with in the yellow-taped square which marks off the septic tank? Well, duh...

Originally there were four watermelons but one didn't survive puberty. Now, one measures 18 inches long and the other two are 22 inches each. They apparently started growing in early May or so.

Folks have been asking Carey if she would mind parting with the prize melons. They also ask for the growth secret; and she tells them just try planting atop a septic tank.

Carey did ask environmental protection specialist Soos Weber about the watermelons' edibility.

"They're perfectly safe," Weber said. "The plant cannot uptake any organisms in their root. So that's not a problem.

"I speak from experience because I've always had my vegetable garden on the drain field," she added. "Actually a drain field is a great place to have a vegetable garden because of the nutrients and the water."

So, guess what might be the snack at the CWF Council meeting at 1 p.m. Aug. 15 at the lodge?

"We'll probably be serving watermelon, if they're ripe by then," Carey said. "They should be. They're getting there."

As for her own consumption at the meeting, Carey guesses she'll just buy plums or peaches or strawberries. She never has liked watermelon.



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Smokers can get help extinguishing their habit.

Health center offers education, support and anti-addiction aids

By **BETH SKARUPA**
Staff writer

"When you get up in the morning and you can't breathe, you think it's time to quit," Heike Judy said, referring to her habit of smoking cigarettes.

Heike and her husband Ted, a missile maintenance technician, recently completed the smoking cessation course at Fox Army Health Center. Designed to help smokers kick the habit, the next 12-week course begins Aug. 24.

"You've got to be ready to quit and you have to want to quit yourself," Eileen Bailey, a smoking cessation instructor and registered nurse, said. "It's a big change in your life and it takes time and effort."

The time commitment for the smoking cessation course consists of 10 one-hour classes over a period of 12 weeks. The classes are offered weekly at first, then biweekly toward the end of the course. They are open to all military eligible beneficiaries.

Easing the transition

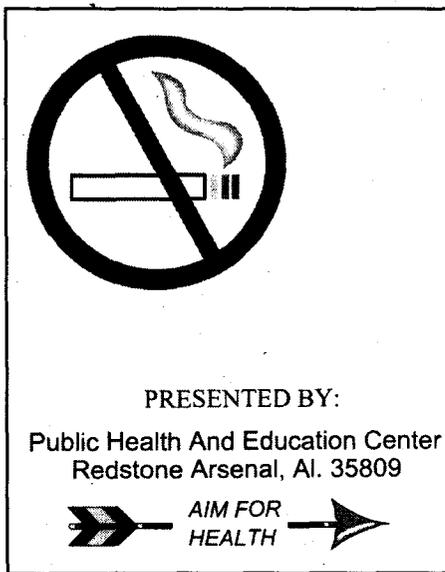
Those enrolled in the course can choose the Zyban pill or the nicotine patch to help them overcome their addiction to nicotine. These aids make the transition from smoking to not smoking easier.

Bailey explained that nicotine binds with a receptor in the brain, so Zyban helps replace that craving initially. Usually Zyban is taken for 9-10 weeks; and because it is less addictive than nicotine there are no withdrawal symptoms.

The nicotine patch actually delivers a small amount of nicotine, so there are withdrawal symptoms when using it and it has more side effects than Zyban. But contraindications for Zyban include a history of seizures or bulimia.

Although it takes only 5-10 days to break the physical addiction to cigarettes, the psychological or emotional addiction is the most difficult to break, according to Bailey.

"There comes a time when you have to



be ready to give up smoking," she said. "People give so much power to cigarettes. If they're not willing to give up their smoking habits, it won't work ... I always say in my classes, 'Zyban is not the miracle, you're the miracle.'"

During the first class, students fill out forms to get Zyban or the patch and receive information on how to quit smoking. They also describe their smoking history and are given homework: they must track how many cigarettes they smoke each day.

Increasing awareness

"I try to make them become aware of their smoking habit. Some people think they don't smoke that much a day, but when they have to keep track of it they see how much they do," Bailey said.

Based on the American Lung Association's Fresh Start program, the course covers several educational and informational topics including the negative effects of smoking and ways to cope with stress and weight gain after kicking the habit.

Weight gain is the biggest complaint of those who quit smoking, according to Bailey. Smoking uses up to 200 calories per day and people who quit tend to eat more food to replace the hand-to-mouth motion of smoking. The way to avoid weight gain? Exercise.

"But don't worry about the weight gain. Tackle one thing at a time," Bailey said.

She explained that quitting smoking is like dealing with the death of a loved one for some smokers because they are used to having cigarettes around. Quitting smoking also can be stressful for some smokers because they use smoking to get out of volatile situations.

"They've taught themselves that smoking calms them down, but it doesn't. It actually constricts the blood vessels and increases the heart rate," Bailey said. "It's just that when they get in a fight, they go outside to smoke a cigarette. They're removing themselves from the situation and taking deep breaths."

Enabling success

Bailey said most of her students have tried to quit smoking several times on their own without success. Since studies show that having group support to quit smoking is more effective than quitting cold turkey, the smoking cessation classes offer a gradual way to kick the habit.

"Some people can just put it down and walk away without ever picking it up again, but that's not true for most," Bailey said.

Heike said she and her husband liked the smoking cessation course because they were ready to quit.

"For one thing, the questions they asked made you aware of smoking. It made you think twice," Heike said. "But if a former smoker had taught the class, they definitely would've been a lot more understanding. They (the instructors) have no idea that a cigarette could taste good."

Of the people who complete the course, usually 75 percent are successful in remaining smoke-free after six months, according to Bailey. After a year, the success rate drops to 50 percent.

"You really have to be ready to quit smoking," Bailey said. "Fortunately, we still live in a free country and it's your choice to smoke or not smoke."

For more information or to register for the course, call the Public Health and Education Center at 842-0196.



Mary Petty/ Photo Lab

Career day

SSgt. Todd Hokanson, from the Provost Marshal's Office, addresses 3- to 12-year-old students at Primrose School in Madison about careers in the military under the auspices of the AMCOM Speakers' Bureau program.



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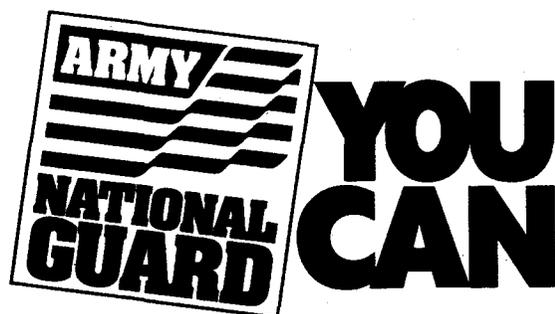
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Roving Sands represents largest air defense exercise

Air defenders converge on Fort Bliss in June

From the PEO Air and Missile Defense

FORT BLISS, Texas— "Dahaib has invaded Sabira and now controls all of Saballa State. Current situation as of June 14 has all U.S. and multinational forces in theater and conducting combat rehearsals in the western portion of the Joint Operating Area in preparation for Joint operations. Dahaib's IV Corps is in fortified defense positions. Diplomatic efforts have failed to resolve the conflict."

The stage was set for Roving Sands 2000 to continue in its role as the "Largest Air Defense Exercise" in the world. This year's exercise, June 14-23, took place in the fictitious region of "Gulfacia" providing the backdrop for Program Executive Office for Air and Missile Defense to obtain a realistic look at inter-

operability between THAAD, Patriot, SHORAD and other members of the Joint Integrated Air Defense System. The exercise also included allied members of the air defense family with participation by the Royal Netherlands Air Forces and the German Air Force.

Roving Sands is a Joint Forces Command scheduled, Forces Command sponsored and executed, Joint Theater Air and Missile Defense Field Training Exercise. All four services participate in Roving Sands, as do systems, units, and liaisons from the allied nations. Roving Sands participants were geographically distributed with forces, simulations, and operations in various locations throughout the continental United States. The exercise was linked by a common scenario (virtual battlefield) which supports training with live, virtual and constructive forces.

Army air defense units from the 11th, 31st, 35th, and 108th ADA Brigades and

the Army Air and Missile Defense Command participated from field locations in the Fort Bliss, Texas and McGregor Range, N.M., areas. The air defenders took advantage of the latest technology in Distributed Interactive Simulation that provides operators with realistic Tactical Ballistic Missile targets and operations. Additionally, live fly support, in the form of an "opposing forces" air campaign, was provided by F-16 aircraft from the 150th Fighter Wing, N.M., Air National Guard and AT-38 aircraft from the 586th Flight Test Squadron. The AT-38s flew routes and profiles that simulated cruise missile attacks on critical assets. Cruise Missile Defense has become an increasing area of importance to the PEO as potential adversaries realize the capability and relatively low cost of this type of weapon.

The PEO AMD's mission is to develop, integrate, acquire, and field theater air and missile defense systems based upon user

requirements to defeat all current and future air and missile threats. In support of PEO AMD, Lt. Col. Andre Kirnes, deputy for System Engineering and Integration Directorate, and Debbie Creel, team lead for the Test and Simulation Division, coordinate the conduct of, participation in, and assessment of exercises to assess the interoperability of theater air and missile defense systems.

PEO AMD used the opportunity of having trained soldiers on real equipment to assess the current state of interoperability between its systems. This year, Patriot used its latest version of TBM enhanced software, Post Deployment Build- 5, combined with THAAD to provide a two-tiered defense of assigned critical assets. These Army family of systems also fought in the same theater with the Navy Aegis and the Marine Corps Tactical Air Operations Center.

See Exercise on page 17



Courtesy photo

Readiness award

The 1st Squadron, 7th Cavalry Regiment, 1st Cavalry Division received the Kiowa Warrior Readiness Award during the Kiowa Warrior User Conference, June 27-28 at Fort Hood, Texas. Lt. Col. Bill Gavora, right, product manager for scout/attack helicopters, makes the presentation to, from left, Lt. Col. Paul Funk II, squadron commander; Capt. Bradley Hilton, F Troop commander; and CWO 4 Floyd Werner, squadron maintenance officer.

Use common sense while cooking out

Warm weather is the ideal time to cook out. More people cook outdoors in the summer than any other time of the year.

But warm temperatures are also ideal for bacteria to multiply and cause food-borne illness. Use these simple guidelines for grilling food safely:

- When purchased from the store, put meat and poultry into the air conditioned car, not the trunk, and take groceries straight home.
- Before grilling, completely thaw meat and poultry so it cooks more evenly.
- When carrying food to a picnic site, keep it cold to minimize bacterial growth. Food must be kept at least 40 degrees Fahrenheit.

Remember to keep everything clean. Be sure there are plenty of clean utensils and platters for separately handling the raw foods and the food after cooking. Don't use the same platter and utensils for raw and cooked meat and poultry. Any bacteria present in raw meat or juices can contaminate the safely cooked meat.

In hot weather (90 F and above), food should never sit out for more than an hour.

Discard any food left out for more than two hours.

For more information, call the USDA meat and poultry hotline at 1-800-535-4555 or go to the following website: <http://www.usda.gov/fsis>.

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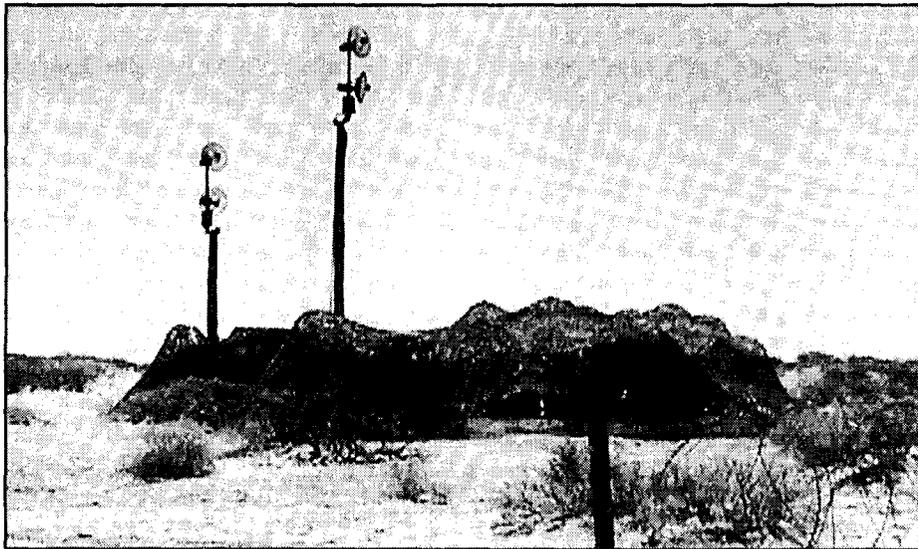
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Jay Forsyth/ SAIC

OPERATIONS CENTER— The 31st Brigade Tactical Operations Center participates in Roving Sands, June 14-23 from its position at McGregor Range, N.M.

Exercise

continued from page 16

In its assessment, PEO AMD provided insight into the current state of the Army family of systems capability to execute coordinated theater air and missile defense engagements; the capability to support and display a single integrated air picture; and the capability to provide and use external sensor support.

Joint field training exercises like Roving Sands, coupled with hardware in the

loop testing, provide a complete view of where our systems are today in implementing required interoperability enhancements to address and defeat the near term and future threat faced by our Army air defenders.

(Editor's note: The authors of this article included Debbie Creel and Lt. Col. Andre Kirnes, who both work for the PEO Air and Missile Defense in the Systems Engineering and Integration Directorate, and Jay Forsyth, a senior scientist for Science Applications International Corporation.)



File photo

New assignment

Col. Robert Birmingham has been named to succeed Maj. Gen. Joe Bergantz as the Comanche project manager. Birmingham moves to his new assignment following duty as the Aviation Systems project manager for the Aviation and Missile Command's Deputy for Systems Acquisition. Previously, he served as the Comanche's T-800 product manager.

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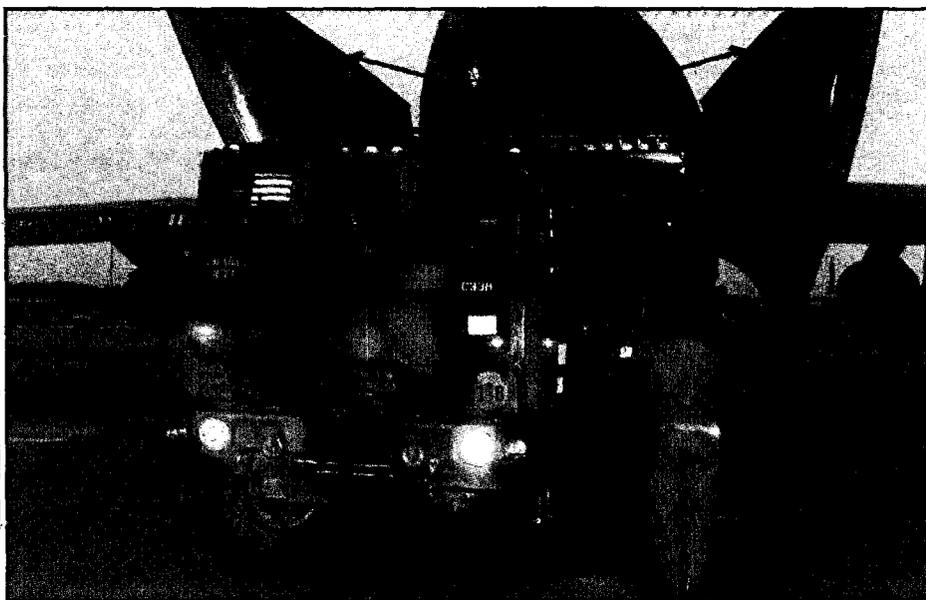
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■ Marines express interest in HIMARS system

Demonstration

continued from page 1

So when XVIII Corps Artillery conducted an Emergency Deployment Readiness Exercise in conjunction with the 2nd Marine Corps Division, Camp Lejeune, N.C., July 21-Aug. 1, there was an underlying purpose aside from training.

"With this exercise, we want to emphasize not only training, but also use this opportunity to demonstrate HIMARS capabilities, put them further to the test and also emphasize the joint roles in today's military," said Col. Peter Vangjel, 18th Field Artillery Brigade commander.

"It is not at all unrealistic, that we might at any time be called on to provide fire support for the Marines or any other branch of the military," he said. "Or that the vice-versa could happen."

So while 18th FAB soldiers began training up in one area of Camp Lejeune, in another section a unique demonstration occurred.

Before an audience of Marine Corps officers, including the commander of Camp Lejeune, Maj. Gen. Robert Blackman Jr., and several other general officers, the HIMARS fired 18 rockets deep into the impact area.

Each three-man crew of the first two HIMARS launchers quickly went through their computerized fire control system checks and fire mission sequences and thundered six rockets each toward the simulated enemy positions.

Blackman and Maj. Gen. Martin Berndt, II Marine Corps Expeditionary Force commander, then got a chance to get on board and try their fingers on the fire button, firing three missiles apiece.

"The Marine Corps is definitely looking to procure HIMARS as a means to improve our direct fire capabilities," said one observer, Maj. Robert Garay, Marine Corps Systems Command, HIMARS

project officer.

With the help of the Army, the Marine Corps plans to obtain two launchers of its own by fiscal 2002. These launchers will participate in a Marine Corps-funded technology demonstration program, similar to the Army's current trials at Fort Bragg, N.C. The Marine Corps' HIMARS derivative program will make maximum use of the Army's engineering, manufacturing and design efforts prior to customizing the HIMARS to meet the Marines' unique requirements.

Currently the Army possesses four HIMARS.

"These are (three of the) prototypes that you see before you now," Vangjel said, when he addressed those attending the demonstration. "To these prototypes we will continue to add technology until we reach a fully developed system."

Already equipped with Global Positioning System, built on a slightly modified FMTV frame, and with firepower at the push of a button, one might ask what more could be needed for a deadly, easily deployed weapon?

"Well, the Marine Corps is looking at possible amphibious deployment of the system, and there are still a few kinks to work out as far as successful short notice deployments and long-term capabilities go," said Lt. Col. Max Carroll, the Army's HIMARS product manager.

With this EDRE being the beginning of what could be a partnership between the two services in the near future, Brig. Gen. Larry Gottardi, XVIII Corps Artillery commander, promises there is more yet to come.

"It was exciting for us to get off post and encouraging that the Marines were so willing to commit sizable resources to support us," Gottardi said. "XVIII Corps Artillery and 18th Field Artillery Brigade are anticipating the opportunity to have a Tactical Operations Center Exercise in October when the 10th Marine Regiment, 2nd Marine Corps Division, comes to Fort

Bragg for their semiannual training."

Carroll also echoed praise for the exercise support provided to the Army by the Marine Corps and enthusiastically commented on the continued professional user-evaluation that the 18th FAB was conducting on the HIMARS during its stay with the 3rd Battalion, 27th Field Artillery Regiment ("Steel Rain").

"I would like to again recognize and thank the 18th FAB's senior leadership and especially the numerous MLRS crews that have worked with the HIMARS to evaluate both its technical and tactical strengths and weaknesses over the last few years," Carroll said. "Their exhaustive evaluation of the system has allowed us to incorporate significant enhancements into the redesign of the launcher during the ongoing Maturation Phase of the program. The six Army and two Marine launchers that will roll off the Lockheed production line in the near future will be much lighter, more responsive and reliable, and an even more impressive weapon system than those you see before you."

HIMARS is being developed by the MLRS Project Office of the Program Executive Office for Tactical Missiles at Redstone Arsenal. The prime contractor for the HIMARS launcher integration and fire control system development efforts is Lockheed Martin Missile and Fire Control-Dallas, of Dallas, Texas. The developer of the HIMARS crew compartment/cab is O'Gara-Hess & Eisenhardt Armoring Company of Fairfield, Ohio. And the developer of the modified FMTV chassis is Stewart & Stevenson of Sealy, Texas.

The lighter and more deployable HIMARS prototypes have been stationed with the 3-27th FA for experimentation and evaluation since early 1998. The unit recently received Army approval to retain the system until the unit is equipped with the production model in 2005. Army plans currently direct the fielding of 16 battalions of HIMARS. Fourteen battalions will be stationed in the Army National Guard and two battalions in the Active Component.

(Editor's note: Bill McArdle, senior staff engineer for System, Studies & Simulation Inc., contributed to this article.)



Harold Garner/ Photo Lab

Road renamed

Formerly called Pheasant Road, the street near the Bat production facility in the old Thiokol area has been renamed Bat Road. Marking the occasion are, front row, from left Col. Kelley Griswold, Army TACMS-Bat project manager; John Miller, chief, Huntsville Bat Facility, Northrop Grumman; and Col. Brent Swart, deputy post commander. In the back row are Lt. Col. Mark Rider, left, P31 Bat product manager, and Lt. Col. Bill Breffeilh, Army TACMS Block II product manager.

Guard does Buick dance in rubber-sole shoes

Gatekeeper moves traffic through with unique style

By SANDY RIEBELING
Staff writer

It's all about attitude for Redstone civilian guard Tommy Miller, who does some fancy waving at the guard gates around the post.

"Everybody out here on the Arsenal



Photo by Sandy Riebeling

DOING THE WAVE— Tommy Miller's exuberant wave through the guard gate has earned him a lot of early morning smiles from employees on the Arsenal. He's been a civilian guard at Redstone for 14 years.

thinks I'm crazy," Miller said, referring to his unusually high spirited wave through the security gates. "But that's OK. It feels good to make somebody smile. I don't care if they're laughing at me or with me, as long as it brings a smile to their face."

Miller, 47, has been a civilian guard at Redstone for 14 years but his waves weren't always so enthusiastic.

"I used to come in to work just like most of the people I see driving through the gates— long face, sort of sorry they have to be here. Things changed two years ago, when my wife died," Miller said. "For a while I stood out here and cried. But then I realized, I'm still alive. I still get to get up and go to work every day. I'm still here. I used to have to come to work, now I get to. Realizing that made a big difference."

So Miller starts his shift at 5:30 every morning, filled with at least two cups of coffee and grateful to be surrounded by the natural wildlife at the Arsenal. He steps up to the curb bright eyed and ready to usher in the thousands of people that pass through the gate with a smile and an energetic wave.

He admits that it's hard to "dance all day on concrete wearing rubber shoes, with GMs and Buicks," and sometimes his energy is drained but he still does what he can to bring a smile to the peoples' faces. Many people stop and say hello and have even come to expect his warm greeting in the mornings, no matter what the temperature outside.

It wasn't always like that, though. When Miller first made the change, in attitude and style, co-workers as well as those entering the gates were a little bothered by it. Not everyone liked his new style and he was encouraged to be a bit more traditional by supervisors but Miller refused. After a little while though, people began to enjoy his greeting and called the office to tell management.

"My biggest fear is that people might have the perception that I'm not serious about my job but they are wrong," Miller said. "I take my job and the security of the Arsenal very seriously."

Miller simply feels that since he's been given the privilege of another day on this earth, why not make someone's day a little brighter with a smile and a wave? When he's not working, he spends much of his time outdoors biking, swimming, fishing and walking. Miller is also a Tony Stewart NASCAR fan and is anxiously awaiting the upcoming Alabama football season.

■ Deputy to commanding general sees challenges ahead

Flinn

continued from page 1

even Gen. Coburn. Their confidence in me was very important but I feel comfortable here because I know this is where I'm supposed to be."

"I'm going to do the best I can to serve and support the general and to serve and support the people of this organization, by protecting jobs, finding new opportunities, and providing training."

— Jim Flinn
deputy to commanding general

And he continues among friends. He worked with his secretary, Colette "Sam" Glover, when he came to Redstone in 1984 as assistant project manager for support in the Patriot Project Office. He was selected as director of IMMC in 1988.

"Working with Sam again is a real blessing," Flinn said. "Of course I miss my old buddies— especially Hazel (Crawford, former secretary) — but the transition has been really great."

Flinn's first official day in the office began with the retirement luncheon of the former deputy to the CG, Dan Rubery.

"When I got back from the luncheon, the first thing I had to worry about was a call about a 5-foot chicken snake in one of the buildings. It was a interesting start but it's been a good month."

Flinn spoke of the honor of the office and the "intimidating responsibility" he faces following Rubery, who served during merger of ATCOM and MICOM, and the man who served before Rubery, Ernie Young.

"During their time here, no one has been involuntarily separated," he said. "We've got some real challenges ahead with the (Quadrennial Defense Review) and reductions. Next year will be a tough budget year. We're looking at a loss of 1,300 positions through '04. But we are already able to offset that number by getting some reimbursable positions, about 270 so far. It's encouraging to see that the work is out there for us to get."

The ability to engineer and orchestrate a strategy that incorporates the reduction while at the same time finding new opportunities to branch out and support the Army's new Objective Force, is what Flinn calls his major responsibility. "And to do it without adversely affecting the work force."

There are exciting times ahead for Redstone, Flinn said. New prospects and new opportunities for Huntsville and Redstone to contribute to the Secretary of the Army's vision for a lighter, more versatile force.

But Flinn is careful not to overlook the needs of the current work force and the needs of people to feel valued, to feel a pride in the contributions they make every day, that they aren't overwhelmed with work and frustrated.

"I'm going to do the best I can to serve and support the general and to serve and support the people of this organization, by protecting jobs, finding new opportunities, and providing training," he said.

He sees Redstone's outlook as bright, calling it an "enduring installation."

As this new chapter begins for Flinn professionally, there are personal changes ahead, too.

"We are sending our daughter off to Auburn in a week or so," he said. "Nancy and I will be dealing with the empty nest syndrome."

Flinn and his wife, Nancy, a personnel specialist at South Central Civilian Personnel Operations Center, have two children, Josh, a junior at Auburn and Katie, who begins her freshman year at Auburn.

"I graduated from Alabama but when you send that much money to Auburn, you can go, 'War Eagle.'"

Filling up the days shouldn't be a problem. Upon his daughter's high school graduation, Flinn bought his wife a set of golf clubs. The couple golfed before their son was born and are now planning to take lessons in an effort to get back out on the course together.

"We want to do some traveling, visit the kids," he said. "We already have season tickets for Auburn football."

Flinn's dream vacation is to take his wife on a tour of the Holy Land. His wife and children gave him a trip to Israel several years ago as present.

"It was a most wonderful place," he said. "To go to the church in the Garden of Gethsemane where Christ might have gone to pray, the place of His betrayal and where He made His choice to go to the cross for me. It was overwhelming."

"We visited Nazareth and Bethlehem. I remember standing on the shores of the sea of Galilee, surrounded by the hills of Israel. It was so peaceful. I want to take my wife there and share all of those places with her and let her experience it for herself."

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Sports & Recreation

Ten-miler tryout

A tryout for Redstone Arsenal's team in the annual Army-Ten Miler will be held 7 a.m. Saturday beginning and ending at Sparkman Fitness Center. The team is to consist of eight members including up to five military plus coach Skip Vaughn and assistant coach Alexander Steel. Eligible persons include military, Army civilian workers, military family members, and Army civilian family members. They should be stationed here through December. The Army Ten-Miler is Oct. 15 in Washington, D.C. For more information, call Vaughn 876-1500 or Steel 876-3867.

Golf tournament

Tennessee Valley Chapter of Army Aviation Association of America will hold its golf tournament Aug. 18 at Redstone Golf Course; 36 four-player teams. For reservations call Phyllis Heberer 464-9191.

Recreation volunteers

Outdoor Recreation is accepting applications for volunteers through Aug. 20. Eligible persons can apply at Outdoor Recreation, building 5132, from 9:30 a.m. to 5 p.m. Sunday through Saturday. For more information, call 876-4868 or 876-6854.

Basketball league

The Civilian Welfare Fund Council is planning a 35 and over, 4-on-4, "short court" basketball league. The league will begin in September with games being played on post one night per week. If you are interested in playing or forming a team, call Mark Sweeney 876-3052.

Miscellaneous

Mr. Man premiere

The 10th annual "Mr. Man Premiere," a presentation of S.B. Productions, will be held Saturday at the Officers' and Civil-

ians' Club. "Selected men will compete in gentlemanly style, finesse, personality and performance for the honorable title of Mr. Man," a prepared release said. "Due to the overwhelming response to the concept and buildup of this Premiere, tickets are currently on sale until sellout." Seating is limited and there will be no standing room. Ticket locations are Regions Bank (Redstone), Burch & Hatfield Formal Shop, Sew 2 Fit, and T&L Records. For more information, call Samuel Brown (256) 233-4702 or pager 650-7736.

Quarterly retirement ceremony

The Quarterly Post Retirement Ceremony will be held Aug. 17 at 9 a.m. between buildings 5303 and 5304 at the Sparkman Center Parade Field. For more information call MSgt. Loew, RASA Support Operations, 876-2819.

Alcoholics Anonymous

An Alcoholics Anonymous group meets each Thursday at 11 a.m. in the Sparkman Center, building 5304, room 4309. For information call 313-1478. The Redstone Arsenal Group of Alcoholics Anonymous meets each Wednesday at noon and Friday at 5:15 p.m. in room 11 of the Bicentennial Chapel.

Sergeants major

The Sergeants Major Association will hold its monthly meeting Aug. 18 from 6:30-7:30 a.m. at the Radisson Suite Hotel on South Memorial Parkway. For more information, call Sgt. Maj. Marvin Whitted 842-2879.

Project office activation

PEO Tactical Missiles will hold an activation ceremony for the Kinetic Energy Missiles Project Office at 10 a.m. Aug. 21 in the Bob Jones Auditorium. Program Executive Officer for Tactical Missiles, Brig. Gen. John Holly will present the project manager charter to the incoming project manager, Col. Tommie Newberry. A reception will follow the ceremony.

Fox center celebration

Fox Army Health Center will have its annual Organizational Day celebration Friday. Minimal staffing will be instituted and clinics will curtail regular services as of 11 a.m. that day to allow maximum participation at this event. Same day urgent appointments will be available through the Advice Nurse from 11 a.m. to 8 p.m. in the Evening Weekend Clinic. Advice Nurses are available 24 hours a day at 955-8888 or 1-800-223-9531 to schedule urgent appointments. The pharmacy, laboratory and radiology will be open with limited staffing. The Troop Medical Clinic will be open from 6:30-11 a.m. After 11 a.m., urgent active duty patients can be seen by calling the Advice Nurse for an urgent appointment.

Prayer breakfast

The August Nondenominational Prayer Breakfast sponsored by the IMMC will be held at 7 a.m. Aug 22 in the Sparkman Center, building 5308, room 8124 (conference room). Scheduled speaker is Russell Medley, founder and chairman of the board for Mustard Seed Ministries. The previously scheduled speaker, Chaplain (Lt. Col.) Aloysius Rodriguez of HHC 59th Ordnance Brigade, will speak at a later date. "No food or drinks will be served, but you may bring your own or come and feast on the spiritual food that will be served," a prepared release said. Everyone is welcome.

Union meeting

AFGE Local 1858 will hold its monthly meeting Aug. 14 at 4:30 p.m. at building 3202 (Union Office). All employees are invited. For more information, call 876-4880 or 881-7430.

Resource managers

The American Society of Military Comptrollers will hold a luncheon Thursday at 11:30 a.m. at Trinity Personal Growth Center on Airport Road. Dusty Charern is to speak on "Quality Research— A Story

of Success." Cost is \$9 for members and \$10 for non-members. For reservations call Lisa White 955-6806.

Women's equality day

OMMCS/59th Ordnance Brigade and AMCOM are celebrating Women's Equality Day, Aug. 28 with an essay contest and unit department static display contest. This year's theme is "The right is ours. Have it we must. Use it, we will." Fax or mail essays by COB Aug. 18 to the following: Commander, AMCOM, Attn.: AMSAM-EO (SFC Bryant), Redstone Arsenal 35897, fax 876-8947; or Commandant, OMMCS, Attn.: ATSK-AE (SFC Quesenberry), Redstone Arsenal 35897, fax 842-6853. Plaques will be awarded for the top three essays. Static displays should be in place by COB Aug 18 for the judging Aug. 21. Trophies will be awarded for the top three displays. For more information, call SFC Bryant 876-8648 or SFC Quesenberry 876-9224.

Retired officers

The Retired Officers Association will hold its informal monthly breakfast Saturday at 8:30 a.m. at Mullins Restaurant. For more information, call retired Lt. Col. Bill Aldrup Jr. 881-0652.

Federal retirees

The National Association of Retired Federal Employees will meet Saturday at the Senior Center on Drake Avenue. The four candidates for Huntsville mayor have been invited to participate in a mayoral candidate forum. They will make opening statements, followed by questions from the audience. Refreshments begin at 9:30 a.m., chapter reports at 10, and the forum at 10:30. For more information, call 837-0382 or 881-3168.

Decal and badge

Vehicle Registration and Badging Office, building 3423, will be closed Friday for computer upgrade. "We are hoping this

See Announcements on page 21

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will speed up the process," a prepared release said. "Sorry for any inconvenience." For more information, call 876-5770.

Genealogical society

Huntsville Genealogical Computing Society will hold its monthly meeting at 7 p.m. Aug. 21 in the auditorium of the Huntsville-Madison County Main Library. Visitors are encouraged to attend. Reservations are not required. Gale Fuller, past president, is to speak on "Roadblocks, Detours and Lost Trails." For more information, call Bob Pace 881-6670.

Bible study

The Redstone community, civilian and military, is invited to Bible study held each Wednesday from 11:30 a.m. to 12:15 p.m. at Bicentennial Chapel. For more information, call 955-4086.

Supply center job

The Base Supply Center, Alabama Industries for the Blind, has a job opening for a warehouse clerk. Requirements include: high school diploma or high school equivalency certificate; prior work experience within a retail store preferred; knowledge of warehousing operations and equipment; general knowledge of office equipment and machines, including computer terminal and personal computer; ability to deal pleasantly and courteously with management, customers and co-workers, by telephone, written correspondence and in person; ability to work as a member of a team; and good interpersonal and communicative skills. Salary is \$7.47 to \$8.59 per hour. Application deadline is Aug. 14. For more information call Dan Wirth, coordinator of recruitment and employment, (256) 761-3353.

Dental clinic

Redstone Arsenal Dental Clinic will join the Fox Army Health Center Organizational Day for a day of fun Friday afternoon. The clinic will be open 7:30 a.m. for sick call. Clinic is available for scheduled

patients until 11 a.m. Advice Nurse available for emergencies 24 hours a day at 955-8888 or 1-800-223-9531. Active duty patients may leave message on voice mail at 876-1643 for Monday.

Computer fair

The Huntsville Section IEEE will host the 19th annual Computer Fair, Aug. 25-26 in the South Hall of the Von Braun Center. Along with the theme of "Open Source Systems" featuring Linux operating systems, the 2000 Computer Fair features a re-direction to technology showcasing break-through innovations from companies throughout the U.S. The 2000 Computer Fair is free of charge and open to public for viewing from 9 a.m. to 7 p.m. Aug. 25, and from 9 a.m. to 5 p.m. Aug. 26. For more information, call 882-1234.

Ordnance brigade day

Soldiers and Marines of the OMMCS/59th Ordnance Brigade will coordinate, conduct and participate in the OMMCS/59th Ordnance Brigade Organizational Day, Aug. 22 from 8 a.m. to 4:30 p.m. at the Softball Fields and vicinity. In case of inclement weather, the alternate date will be Aug. 29.

Labor Day weekend event

A two-day event planned for Labor Day weekend, Sept. 2-3 at Smith Lake Park, near Cullman, features a patriotic theme and will also include some top name entertainment. The Red, White and Blue Veterans Salute is part of an effort to raise funds for the National World War II Memorial to be built in Washington, D.C. The Vietnam Wall Replica Tour will make one of only a few stops in Alabama at the park for both days. Veterans of all wars who register at the special hospitality tent will receive a ribbon of appreciation. Spouses will also receive ribbons. Grammy winning country artist Larry Gatlin will perform at 7:30 p.m. Sept. 2 and Ronnie McDowell and The Rockits will perform at 3 p.m. Sunday. Duane Walker and the Desperado Band

will open for both acts. Tickets are \$12 per day or \$20 for a two-day pass. Veterans receive a \$2 discount while children under 6 are admitted free. Ticket prices include use of the park's venues such as the swimming pool, water slide and putt-putt golf. Children's midway games are also free. Proceeds go the Cullman County World War II Monument Fund. For more information, call (256) 739-5305.

Tobacco cessation

Fox Army Health Center/ Public Health and Education Center is offering a tobacco cessation class which begins Aug. 24. The class will be offered at 11 a.m. Thursdays. It continues for 10 one-hour sessions over a 2 1/2 month period and is offered at Fox Army Health Center. These classes are limited to military eligible beneficiaries. The "pill" (Zyban) will be available for use. Recent research has shown this to be highly effective in helping reduce the craving for nicotine. The success rate increases to close to 50 percent when used with education and group support. To register call PHEC, Fox Army Health Center, 842-0196. For more information call Eileen Bailey, registered nurse, 842-0149. Space is limited.

Catholic community

Our Lady of the Valley, Catholic community at Bicentennial Chapel announces the following: Rosary is recited daily at 11:30 a.m.; and mass or a communion service is noon Monday through Friday. Holy Day mass will be held at 6 p.m. Aug. 14. Korean mass is 6 p.m. Aug. 19. Filipino mass will be held at 6 p.m. Aug. 27. Weekly mass is 5 p.m. Saturday and 9:15 a.m. Sunday. Annual parish registration will be held Aug. 26-27 following weekly mass.

Prenatal class

Expectant parents (military beneficiaries) are invited to a free prenatal educational program sponsored by Fox Army Health Center. Registered nurses provide information on nutrition, exercise, labor and

delivery, and infant care so parents can make informed choices about their health during and after pregnancy. The program is both fun and informative. The program will be held Aug. 16, from 8 a.m. to 4 p.m., at the New Parent's Support Group building, 1220 B Lacrosse Drive. Join now and don't miss your chance to win a door prize - an infant car seat. Call Public Health and Education Center 842-0196 for information and to register.

Women's tribute play

In honor of Women's Equality Day, UAH's Women's Studies Program presents the original play "Women Great of Heart" at 7:30 p.m. Aug. 26. Actor/playwright Bette Yeager stars in the one-woman show about Alabama voting rights activists Pattie Ruffner Jacobs and Dr. Hallie Farmer. Tickets are \$12 each, \$10 for Friends of Women's Studies, and free for students. There is a group rate of \$10 each for 10 or more tickets. Ticket price includes a pre-show lecture at 6:30 and a reception immediately following the play. Tickets are available at Shaver's Books and the University Center at UAH. The play will be held in Chan Auditorium of the Administrative Science Building at University of Alabama-Huntsville. For more information, call 890-6210.

Red Cross blood program

The Red Cross blood program schedule this month is as follows: Aug. 10, from 7 a.m. to 12:30 p.m., building 5309, first floor, room 9128, call Dianne Stephens 955-8719, Pam Lee 955-7179 or Betty Mountain 313-1779. Aug. 11, from 4-8 a.m., 832nd Ordnance Battalion, 1st Sgt. Fencher 876-6853. Aug. 18, from 8 a.m. to 1:30 p.m., building 4752, NASA, Nancy Jane Spears 544-7561. Aug. 25, from 7-noon, Corps of Engineers, Donna Smiley 895-1760; and from 7 a.m. to 12:30 p.m. at SMDC, Al Longhi 955-5901. Aug. 31, from 8 a.m. to 1:30 p.m., building 7613, conference room 106, Cathy Brown 313-6885.

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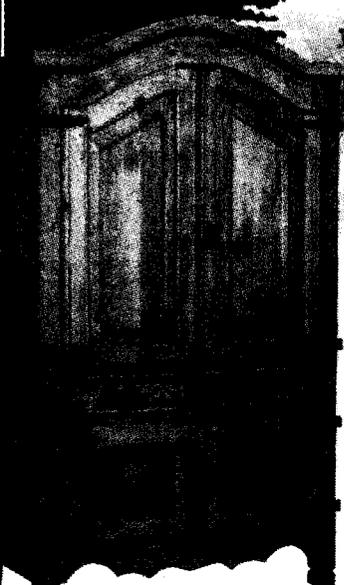
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ARMY POSITION VACANCY ANNOUNCEMENTS REDSTONE ARSENAL AND HUNTSVILLE, ALABAMA AREA

ANNOUNCEMENTS As of 09 Aug 00	POSITION TITLE	CLOSING DATE	ORGANIZATION LOCATION	PAY PLAN & SERIES	GRADE LEVEL	POT GRD	PAY RANGE (FROM - TO)	WHO CAN APPLY?															
								A	B	C	D	E	F	H	I	R	T	V	U				
THE FOLLOWING ARMY ANNOUNCEMENTS CAN BE FOUND ON THE WEB AT WWW.CPOL.ARMY.MIL																							
00D0581DB	Training Instr (HD)	9-Aug-00	OMMCS	GS-1712	11	11	42,007 - 54,609	X	X	X	X	X					X	X	X				
00D1455BL	Management Asst	9-Aug-00	AMCOM SAMD	GS-0344	8	8	31,432 - 40,859	X	X														
00C1494FM	Logistics Mgmt Sp	9-Aug-00	LOGSA	GS-0346	12	12	50,345 - 65,447	X	X														
00D1451DV	Patent Attorney	9-Aug-00	AMCOM Legal	GS-1222	13	13	59,868 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00C1493FM	Military Personnel Clrk	9-Aug-00	AMCOM PTD	GS-0204	6	6	25,540 - 33,202	X															
00C1457IG	Secretary (OA)	9-Aug-00	AMCOM RASA	GS-0318	6	6	25,540 - 33,202	X															
00B1424MW	General Engineer	11-Aug-00	AMCOM RDEC	DB-0801	IV	IV	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00D0582DB	Training Instr (HD)	14-Aug-00	OMMCS	GS-1712	11	11	42,007 - 54,609	X	X	X	X	X											
00B1369OD	General Engineer	14-Aug-00	AMCOM RDEC	DB-0801	IV	IV	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1370OD	General Engineer	14-Aug-00	AMCOM RDEC	DB-0801	IV	IV	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1346MW	Electronics Engineer	14-Aug-00	AMCOM RDEC	DB-0855	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1418AC	Logistics Mgmt Sp	15-Aug-00	PEO AVIATION	GS-0346	12	12	50,345 - 65,447	X															
00B1503DT	Support Services Spc	15-Aug-00	AMCOM RDEC	DE-0342	II	II	22,913 - 45,130	X															
00BKE	Accountant	15-Aug-00	CoE HUNTSVILLE	GS-0510	11	11	42,007 - 54,609	X	X														
050429ACM	Support Program Spc	16-Aug-00	AMCOM SMO	GS-0301	12	12	50,345 - 65,447	X															
00D1491WT	Optometrist	16-Aug-00	MEDDAC	GS-0662	11	11	42,007 - 54,609	X	X	X	X	X	X	X	X	X	X	X	X				
BKM0425083	Supv Engineer Data Mgmt Spc	16-Aug-00	AMCOM CIC	GS-0301	13	13	59,868 - 77,827	X															
00D1487WT	General Engineer	17-Aug-00	AMCOM CAD	GS-0801	13	13	59,868 - 77,827	X															
00D1486BL	International Prog Mgmt Spc	17-Aug-00	AMCOM SAMD	GS-0301	9	9	34,718 - 45,130	X															
00D1485BL	Information Mgt Spc	17-Aug-00	AMCOM TMDE	GS-0301	11	11	42,007 - 54,609	X															
00D1401WT	Financial Sys Spc	17-Aug-00	AMCOM RMD	GS-0501	9	9	34,718 - 45,130	X															
00B1409AC	Strategic Plan Officer	18-Aug-00	PEO AMD	GS-0340	15	15	83,218 - 108,182	X	X														
00B1474AC	Electronics Engineer	18-Aug-00	RTTC	GS-0855	13	13	59,868 - 77,827	X															
00B1427MW	Mechanical Engineer	21-Aug-00	AMCOM RDEC	DB-0830	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1426MW	Mechanical Engineer	21-Aug-00	AMCOM RDEC	DB-0830	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1483AC	Supervisory Engineer	22-Aug-00	RTTC	GS-0855	14	14	70,747 - 91,967	X															
00B1469OD	Mechanical Engineer	28-Aug-00	AMCOM RDEC	DB-0855	IV	IV	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1468OD	Electronics Engineer	28-Aug-00	AMCOM RDEC	DB-0855	IV	IV	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
BKM06500	Medical Officer (RAD)	30-Aug-00	MEDDAC	GS-0602	14	14	70,747 - 91,967	X	X	X	X	X	X	X	X	X	X	X	X				
00B1465FM	Aerospace Engineer	31-Aug-00	AMCOM RDEC	DB-0861	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1466FM	Aerospace Engineer	1-Sep-00	AMCOM RDEC	DB-0861	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1512FM	Electronics Engineer	1-Sep-00	AMCOM RDEC	DB-0855	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1515FM	Electronics Engineer	1-Sep-00	AMCOM RDEC	DB-0855	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1516FM	Electronics Engineer	1-Sep-00	AMCOM RDEC	DB-0855	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1514FM	Electronics Engineer	1-Sep-00	AMCOM RDEC	DB-0855	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1513FM	Lead Electronics Engr	1-Sep-00	AMCOM RDEC	DB-0855	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00B1467FM	Aerospace Engineer	2-Sep-00	AMCOM RDEC	DB-0861	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
00D1217WT	Telecom Equip Oper	13-Oct-00	AMCOM CIC	GS-0390	7	7	34,718 - 45,130	X	X	X	X	X	X	X	X	X	X	X	X				
00-B-1359-DS	General Engineer	30-Nov-00	AMCOM RDEC	DB-0801	2	3	22,913 - 54,609	X	X	X	X	X	X	X	X	X	X	X	X				
00-B-1359-DS7	Computer Scientist	30-Nov-00	AMCOM RDEC	DB-1550	2	3	22,913 - 54,609	X	X	X	X	X	X	X	X	X	X	X	X				
00-B-1359-DS6	Ops Research Anly	30-Nov-00	AMCOM RDEC	DB-1515	2	3	22,913 - 54,609	X	X	X	X	X	X	X	X	X	X	X	X				
00-B-1359-DS5	Aerospace Engineer	30-Nov-00	AMCOM RDEC	DB-0861	2	3	22,913 - 54,609	X	X	X	X	X	X	X	X	X	X	X	X				
00-B-1359-DS4	Computer Engineer	30-Nov-00	AMCOM RDEC	DB-0854	2	3	22,913 - 54,609	X	X	X	X	X	X	X	X	X	X	X	X				
00-B-1359-DS1	Mechanical Engineer	30-Nov-00	AMCOM RDEC	DB-0830	2	3	22,913 - 54,609	X	X	X	X	X	X	X	X	X	X	X	X				
00-B-1359-DS3	Electrical Engineer	30-Nov-00	AMCOM RDEC	DB-0850	2	3	22,913 - 54,609	X	X	X	X	X	X	X	X	X	X	X	X				
00-B-1359-DS2	Electronic Engineer	30-Nov-00	AMCOM RDEC	DB-0855	2	3	22,913 - 54,609	X	X	X	X	X	X	X	X	X	X	X	X				
00B1364OD	Aerospace Engineer	30-Nov-00	AMCOM RDEC	DB-0861	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1365OD	Aerospace Engineer	30-Nov-00	AMCOM RDEC	DB-0861	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1366OD	Aerospace Engineer	30-Nov-00	AMCOM RDEC	DB-0861	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1398MW	Electronics Engineer	30-Nov-00	AMCOM RDEC	DB-0855	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1367OD	Aerospace Engineer	30-Nov-00	AMCOM RDEC	DB-0861	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1368OD	Aerospace Engineer	30-Nov-00	AMCOM RDEC	DB-0861	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1334DT	General Engineer	30-Nov-00	AMCOM RDEC	DB-0801	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1348FM	General Engineer	30-Nov-00	AMCOM RDEC	DB-0801	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1349FM	General Engineer	30-Nov-00	AMCOM RDEC	DB-0801	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1371OD	Aerospace Engineer	30-Nov-00	AMCOM RDEC	DB-0861	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1397MW	Computer Engineer	30-Nov-00	AMCOM RDEC	DB-0854	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1425MW	Aerospace Engineer	30-Nov-00	AMCOM RDEC	DB-0861	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1350FM	General Engineer	30-Nov-00	AMCOM RDEC	DB-0801	3	3	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B1351FM	General Engineer	1-Dec-00	AMCOM RDEC	DB-0802	3	3	50,345 - 77,828	X	X	X	X	X	X	X	X	X	X	X	X				
00D1314DB	Electronics Engineer	29-Dec-00	STRICOM	GS-0855	12	12	51,650 - 65,735	X	X	X	X	X	X	X	X	X	X	X	X				
00BKBK048548BMB	Position Class Spec	13-Jan-01	SCCPOC	GS-0221	11	11	42,007 - 54,609	X	X														
00BKBK049351BMB	Personnel Act Clerk	18-Jan-01	SCCPOC	GS-0203	4	5	20,479 - 26,626	X	X	X	X	X	X	X	X	X	X	X	X				
00B0479SS	Aerospace Engineer	18-Jan-01	AMCOM RDEC	DB-0861	III	III	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B0843FM	Materials Engineer	3-Apr-01	AMCOM RDEC	DB-0806	III	III	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
00B0838OD	Aerospace Engineer	6-Apr-01	AMCOM RDEC	DB-0861	III	III	50,345 - 77,827	X	X	X	X	X	X	X	X	X	X	X	X				
THE FOLLOWING OPM/DEU ANNOUNCEMENTS CAN BE FOUND ON THE WEB AT WWW.USAJOB.S. OPM.GOV																							
X-CP-00-1668	Engineering Tech	10-Aug-00	CoE HUNTSVILLE	GS-0810	11	12	42,007 - 65,447	X	X	X	X	X	X	X	X	X	X	X	X				
X-SP-00-1626	Pilot, Aircraft	11-Aug-00	AMCOM RASA	GS-2181	12	12	50,345 - 65,447	X	X	X	X	X	X	X	X	X	X	X	X				
X-SP-00-1625	Strategic Plan Officer	18-Aug-00	PEO AMD	GS-0340	15	15	83,218 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
X-SP-00-1630	Physical Scien (Lead)	18-Aug-00	AMCOM RDEC	DB-1301	4	4	70,747 - 108,182	X	X	X	X	X	X	X	X	X	X	X	X				
X-SP-00-1638	General Engineer	18-Aug-00	AMCOM RDEC	DB-0801	4	4	70,747 - 108,182																

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Solid Pine Armoire
Holds up to a 35" TV.

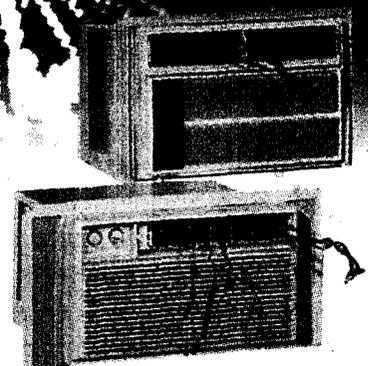
**Sharp Mini-Stereo System
With 3-CD Changer**

- 3-disc drawer changer • Dual cassette deck
- Remote control 631227 Limited quantities.

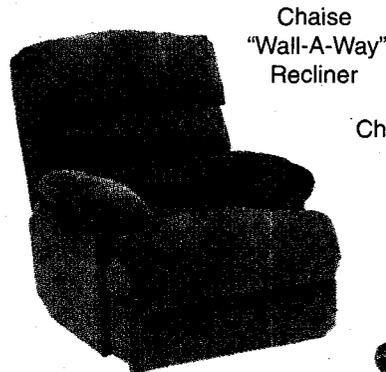


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- High performance video system
- Digital comb filter
- Universal remote
- Audio/Video input 631752



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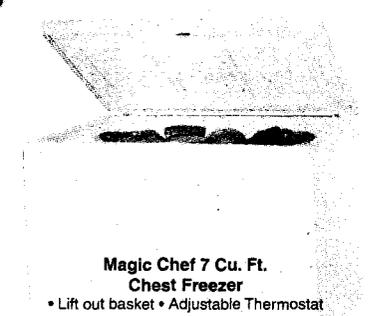


Chaise
"Wall-A-Way"
Recliner

**Chaise Rocker
Recliner**



**Sharp
DVD/CD
Player**



**Magic Chef 7 Cu. Ft.
Chest Freezer**
• Lift out basket • Adjustable Thermostat



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- 6-pt. suspension
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- 3-Temperature settings
- 2-Speed motor
- 3 Water levels 614213

Magic Chef Dryer

- Super Capacity
- Heavy Duty 1/3 HP motor
- 4-Pt. suspension system
- Auto-dry control
- Temperature controlled drying
- 3-Way venting
- End-of-cycle signal 614197
- Gas dryer 614179

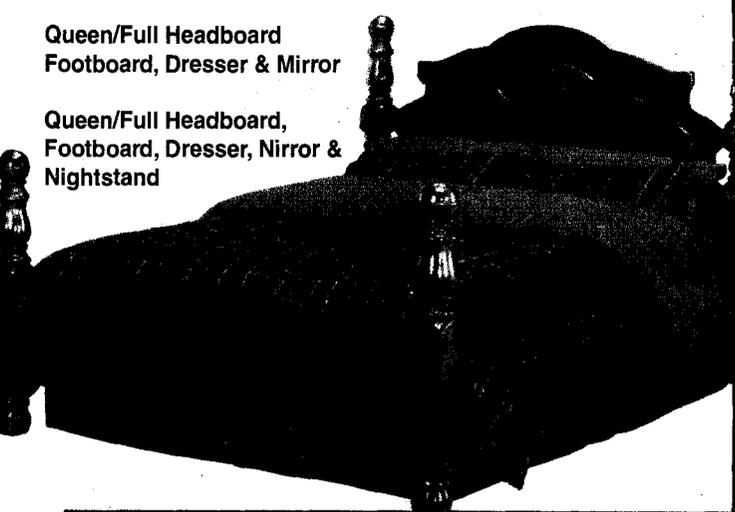
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pine. Scroll and
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Footboard, Dresser & Mirror**

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Footboard, Dresser, Mirror &
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