

# Redstone Rocket

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## Command on track for banner year in competition

BY SKIP VAUGHN

The new officer in charge of promoting contract competition at the Missile Command wants the command to keep the momentum from a record-setting fiscal year.

Lt. Col. Alfred Howard became MICOM's competition advocate June 18. His predecessor, Lt. Col. Robert Gaddi, is retiring from the Army July 31.

MICOM awarded 37.1 percent of its contracts competitively in fiscal 1989, exceeding the 35.5 percent goal. This was the highest end-of-year percentage since the competition program began in fiscal 1982, according to Gayle Walker, a procurement analyst and major items team leader in the Competition Management Office.

"We've got a goal of 43 percent for FY '90. That's the highest goal we've ever been faced with and we are on track toward meeting it," Walker said. From \$1.3 to \$1.4 billion of the command's \$3 billion contracting program is expected to be awarded competitively, she said.

Competition means buying from more than one company as opposed to sole source. The 10-member competition management office uses a number of tools to enhance competition. "I think the qualification of new sources of supply program is kind of the frontrunner; that program allows industry to come to the Arsenal and become prequalified prior to solicitation," said Bob Chalmers, a logistics management specialist and secondary items team leader.

"The government will in certain circumstances pay for the qualification testing for small businesses.

"Probably Lt. Col. Howard's most useful tool is going to be the competition advocate's shopping list. These are listings sent to industries on their request, projecting certain items (to be procured) in the future — about three years. And there are four Competition Advocate's Shopping Lists that are published: spare and repair parts; depot maintenance repair and rebuild; automatic data processing equipment; and test, measurement and diagnostic equipment," Chalmers said.

Before becoming competition advocate, Howard served as chief of the targets branch in Procurement Directorate. He arrived at Redstone from Germany in

July 1989. Howard, 41, is a native of Tuskegee Institute, Ala., where his mother, Minnie, still resides. His brother, Alexander, 36, is an Army sergeant first class stationed at Fort Gordon, Ga.

An ROTC graduate, Howard received a bachelor's degree in sociology from Tuskegee in 1971. He received

a master's in contract and acquisition management in 1979 from the Florida Institute of Technology. Assignments during his 19-year career have taken him to Fort Hood, Texas; Korea; Fort Knox, Ky.; the Aviation R&D Command in St. Louis where he was a  
(See Command, cont'd on page 3)



LANDSCAPING — Posing beside one of several flower beds recently constructed at the Redstone Army Airfield are, from left, SSgt. Leroy Clayton, SFC Yvonne Sanders and SSgt. Russ Horn. All the airfield workers pitched in to build beds and to plant more than 1,000 shrubs and annuals.

## Months of planning culminates in big picnic Saturday

About 3,800 people are expected for the annual Redstone Arsenal Community Family Picnic set for Saturday at the civilian recreation area.

The picnic is for the entire Redstone community: military people, civilian workers, members of tenant organizations, retirees, invited guests, and their family members. There will be family activities from 10 a.m. to 4 p.m.; the rain date is June 30.

"It's probably the only annual affair where the entire Redstone community is invited to participate in a family environment," said Jim Stephens, a division chief at Missile Logistics Center and this year's picnic chairman. There is no cost for entry to the picnic, free food and refreshments, and activities for all ages.

Besides the traditional sports and entertainment, a new event this year will be a special challenge softball game between the general officers and senior executives. The winners will get a team trophy; and each member of the losing team will be required to spend 15 minutes in the dunking booth. Game time is 10 that morning.

"An inside tip on this is the SES's have been practicing very hard to get ready for this game," Stephens said.

Jim Flinn, director of the Missile Logistics Center, is captain of the SES (Senior Executive Service) team. His teammates include Larry Daniel, Truman Howard, Larry Mixon, Glen Priddy, Al Reeder, Dick Rhoades, George Williams, Ernie Young, Jack Isom, and Clarence Tidwell.

Col. David Briggs, deputy chief counsel and staff

*"We'd like to be stampeded on picnic day by hundreds of people that are enthusiastic and want to come out and enjoy the fun."*

judge advocate for the Missile Command, is player/coach of the general officers team. "I'm not going to play much and I'm not going to coach much," he said.

Starters for his team include Col. John Burlingame, catcher; Maj. Gen. William Chen, pitcher; Maj. Gen. John Peppers, first base; Brig. Gen. Larry Capps, second base; Brig. Gen. Morgan Jellett, shortstop; Col. Thomas Smalls, third base; Brig. Gen. Robert Drolet, leftfield; Col. Richard Black, centerfield; Col. Bruce Garnett, rightfield; and Col. Robert Friedrich, shortfield. Team reserves include Col. Bart Noll, Col. Perry Butler, Col. James Crow, Col. Oleh Koropey, Col. James Patterson, and Col. David Jones.

Twenty-eight softball teams, counting the general officers and senior executives, will be in action in various categories. These include 16 men's teams, six "coed" teams, four 40-and-over teams, and the general officers plus senior executives. There also are 11 volleyball teams and nine horseshoe pitchers, according to Ron Walton, chairman of the sports committee. Playoff games in softball and volleyball will be

played Thursday and Friday nights with the finals on Saturday.

"We've got some new things under the teen-age activities, like a car show and a putt-putt golf ramp," Stephens said, listing some of the new additions to the annual event. "We've got karate demonstrations. We're pre-selling sun visors this year that have got the picnic theme (a bear family) along with T-shirts." Sun visors and T-shirts are on sale now, so they can be worn to the picnic; call Brenda King 842-6696.

Entertainment will include performances by the Hoot 'n Holler Cloggers, the Philippine Dancers, and Michael Ellison on Guitar. "Something new at the picnic will be a band that plays a variety of music under the names of Flash and Bandana," said Debra Mittler, chairman of the entertainment committee.

Teen activities will include trail bike and skateboard demonstrations, a local rock band, and contests in ping-pong, darts, volleyball, basketball shoot, and football throw. Activities planned for children include a moon bounce, a mini-train ride, face painting, a sea of balls, a magician, a clown, and several contests such as: pin the tail on the donkey, a coloring contest, an Easter egg hunt, a sack race, and a ball toss.

There will be displays by the Coast Guard, Ordnance Missile and Munitions Center and School, the K-9 Unit, Huntsville Hospital, the Crime Prevention Van (with a puppet show), and the Fire Department.

In addition to the outdoor activities, bingo will be offered in the Rustic Lodge, with shuttle vans provided.  
(See Picnic, cont'd on page 3)



## Food contractor

### Editor:

There is currently a grave situation facing contract employees working in the Army troop dining facilities on Redstone Arsenal that I personally feel needs to be exposed so these employees can get some help.

I am a former food service supervisor and food service sergeant at Redstone Arsenal who can vouch for these employees as being hardworking, dedicated and very professional in their craft. Evidence of their professionalism is witnessed each year when one of the two dining facilities is chosen to compete in Army worldwide competition for the prestigious food service Philip A. Connelly award, in which they always are a top competition finalist. Plus these employees provide both nutritious and delicious meals to the troops on Redstone, thus making them a "high morale" booster for the soldiers there. That is the good.

The bad is that these faithful employees are not appreciated for their hard work and dedication to both "the Army food service branch" and their job. The reason I mention the food service branch is because they are not without fault. It seems they are non-existent, having negotiated and sold these people out to the lowest bidder, thus washing their hands and turning their backs while these people are being understaffed and overworked.

The ugly is that now with each contractor who succeeds in winning the contract award, each one takes more rights from these employees while demanding more in production. Case in point is that these employees are currently working a mandatory six-day work week, six hours a day totaling less than 40 hours a week. This is a seven-day work operation, to include holiday, 365 days a year. These are no less than "slave hours" in this man's opinion. These people have personal lives and families. My question is, can't a 36-hour work week be done in five days? How long will the Army command sit idly by while this type of thing goes on? And finally, can anybody help these people; and how far will the Army let contractors go in their abuse and misuse of faithful and professional "government employees" because they work on a government installation in a government facility. This is a reflection of the government that I personally am embarrassed of.

David C. Craig  
Retired sergeant first class

*(Editor's note: The contract for the Army troop dining facilities was awarded to Yesrod K.E. Inc. on Sept. 29, 1989. The services provided in the Army troop dining facilities were converted to contractor operated in*

*the early 1970s. Army officials say the current contract was awarded based upon the contractor managing the contract and not the government. The government cannot instruct the contractor in reference to the total number of employees required to perform the effort under the contract or hours to be worked. The personnel hired by the contractor are not government employees. However, each employee must be paid in accordance with the Service Contract Act of 1965, as amended. Under the current contract, the employees or their representatives may request the U.S. Department of Labor to investigate any labor standards requirements dispute. The contractor had opportunity to respond to your letter but declined comment.)*

## Slow down, drivers

### Editor:

It seems to be accepted that commuters on Martin Road speed and tailgate. I've found that if you drive at the speed limit, no one tailgates your car. Instead, everyone passes by, at over 65 miles per hour. But defensive driving isn't protection from danger, as I found on June 12.

That Tuesday morning, I drove in the right lane toward the Arsenal. Further ahead of me, a duck and her ducklings crossed the road. The car in front of me plowed over two of the ducklings. There was no one behind me for some distance, so I braked safely to avoid additional "road kill." As the confused ducks stood in the left-hand lane, a sedan in the left lane squealed to a halt.

But a car that was tailgating the sedan did not brake at all. Like an Indiana Jones, he shot through the space between our two cars. It was an incredible miss. How frightening to realize drivers are so out of control that they can't brake, if necessary!

Redstone Arsenal teems with wildlife from the wetlands and adjacent refuge. For most drivers, it is an instinct to avoid running over something. Some will say, of course, that braking for animals is too dangerous to attempt. But that's not the point. People can "throw on the brakes" for any number of reasons. Redstone Arsenal commuters need to slow down and back off.

This drag strip area of Martin Road is under Huntsville Police jurisdiction. I thank the Huntsville Police Department, who responded the next day with radar surveillance. Unfortunately, it takes speed traps and traffic tickets (not the best use of police time) to force drivers to be considerate of others' safety. It's an embarrassment!

Name withheld by request

## Secondhand smoke

### Editor:

This letter is in response to Diane Davidson's "reasonable smoking" letter of June 13.

First, thank you for being a considerate smoker; although that appears to be an oxymoron to most of us nonsmokers. I feel for you that you must now be away from your work area to enjoy your addiction, but that is your choice. No one put a gun to your head to take up the habit of smoking.

Second, I grew up in a home full of smokers. I, myself, have never even had one in my mouth. The thought of putting a little white stick in my mouth and inhaling smoke just never appealed to me — kind of like voluntarily walking into a burning building and breathing in. During my years at home, I suffered one upper respiratory illness after another. I was sick most holidays and therefore never really got to enjoy the family times. A recently published article in a major medical journal has now confirmed that most of children's upper respiratory problems, who live with smokers, can be associated with tobacco smoke. Well, I could have told them that years ago. Even as a young child, I knew that being enclosed in a car on a cold winter day with someone who smoked wasn't a really pleasant or much of a healthy pastime.

My baby son's pediatrician has warned me about the dangers of secondhand smoke to him. We recently took him home to meet his relatives. Because of all the heavy smokers, she suggested we take an air purifier and keep him away from smokers at all costs. Among the problems she mentioned that he could encounter would be a sore throat, bronchitis, red eyes, and ear infections. So, don't preach to me about the supposed

non-effects of secondhand smoke. I have experienced it firsthand, and am bound and determined that my son won't have to suffer as I did. I consider the words of a trained and licensed medical doctor more valid than those of an addict.

Your rationalizations about your smoking sound like those of a drug addict. They, too, have thought out their addiction and have come to the conclusion that it's not hurting them or anyone else. Wake up and smell the fresh air. You are killing yourself. To compare your addiction of smoking to that of "coffee slurping or gum poppers" is absurd, to say the least. Slurping and popping may get on someone's nerves, but it certainly isn't going to make them sick, or worse.

You mentioned that you have already had one skin cancer removed. I'm sure it wasn't caused by smoking, but the word "cancer" would have been enough for me to break a habit that is the leading cause of cancer death in this nation.

Third, tobacco smoke stinks. It stinks. When I worked around smokers, in the old days of smokers having more rights than people wanting to breathe fresh air, I would go home in the evening and my clothes would reek. I had often thought of having the smokers in my office pay for the cleaning of my clothes.

And last, you as a smoker, are causing health insurance rates to soar through the sky. We nonsmokers should ban together again, and force the issue of separate coverage for smokers. We nonsmokers are paying your health care bills. Cancer treatments are some of the most costly in the world today. Nonsmokers do not cause cancer.

In conclusion, there is no such thing as reasonable smoking (another oxymoron).

Name withheld by request

## Team loyalty

### Editor:

I am writing in reference to the Redstone Arsenal Post Softball teams and any other Post Team that may fall under this category. I have watched practically every softball game at the Sportsplex here in Huntsville, but have had great interest in the teams representing Redstone Arsenal. Recently, certain actions displayed by some of the Redstone players have left many with doubts. There are players who have quit playing for the post teams and are now representing some of the area teams here in Huntsville. As a soldier stationed here at Redstone Arsenal, your loyalty should be to Redstone. Such actions displayed by some of the soldiers should not be tolerated. How can you justify quitting because you did not get to play in one game or just simply quitting because you wanted to play with the winning team? You are a loser in my eyes and in the eyes of many! It is just absurd that such actions just happen to be by high-ranking soldiers who are tomorrow's leaders. For the record, I would never follow such individuals into battle: Would you quit if you were losing the battle and start shooting for the enemy? Enough said!

Kevin Matheson  
Retired major

## Reformed smoker

### Editor:

I have to reply to the recent letter on smoking I have just read in the June 13 issue of *Redstone Rocket*.

I am a reformed smoker; my doctor told me to quit or I would be dead in 10 years — for I was smoking two packs a day, and my pipe and a few cigars with them, and I was going into the hospital every six months with double pneumonia.

I have lost two friends recently; one was a brother-in-law. One was 52 years old and only lived 10 months after they found his cancer. The other one was 48 years old and only lived four months after the doctors found his. I am 52 and have chronic bronchitis, and emphysema. These two above-mentioned men worked outdoors a lot of their lives, and were not sick until cancer caught up with them. It has been proven that there are 40 cancer-causing agents in tobacco smoke.

I don't know why some people get cancer and some people don't, but I do know smokers have not been picked on; please be as patient with non- and ex-smokers as they are with you.

Rex L. Flack  
Ex-smoker  
Building 8024

## THE REDSTONE ROCKET

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# Contract competition gets 'best value' for government



**TOP VISITOR** — From left are Lt. Col. Alfred Howard, MICOM's competition advocate, Dr. Joann Langston, the competition advocate of the Army, and Maj. Gen. William Chen, commander of the Missile Command.

## Command

(Cont'd from page 1)

procurement officer on the Army helicopter improvement program; back to Korea; to Europe; and finally to Redstone Arsenal in his home state. "I've been to contracting assignments all over the world and I feel the professionalism and support that is provided here by the people in Procurement Directorate and leadership here at MICOM has just been outstanding," Howard said.

He and his wife, Lula, have four daughters: Felicia and Keisha, 19-year-old twins; Kimberly, 16; and Jamilah, 6. He has purchased a house in Madison. His hobbies include basketball and travel.

"The first reason we want to compete is we want to save money," Howard said, "and to increase product quality and reliability. Over the years, contract quality deficiency reports have decreased 30 percent since the Competition in Contracting Act (by Congress in 1984) has been in place. Competition will enhance the industrial base and more importantly promote fair play — contract awards will be based on merit and not favoritism. It's a law that seeks to serve those ends."

Dr. Joann Langston, the competition advocate of the Army, paid a visit last week to address the National Contract Management Association on Thursday night and meet with officials of the U.S. Army

Strategic Defense Command and the Missile Command on Friday.

"Lt. Col. Gaddi has led this MICOM program to new highs, and will be a tough act to follow, particularly in light of budget constraints we anticipate in the outyears," Howard said.



**NEW ADVOCATE** — Lt. Col. Alfred Howard is MICOM's new competition advocate.

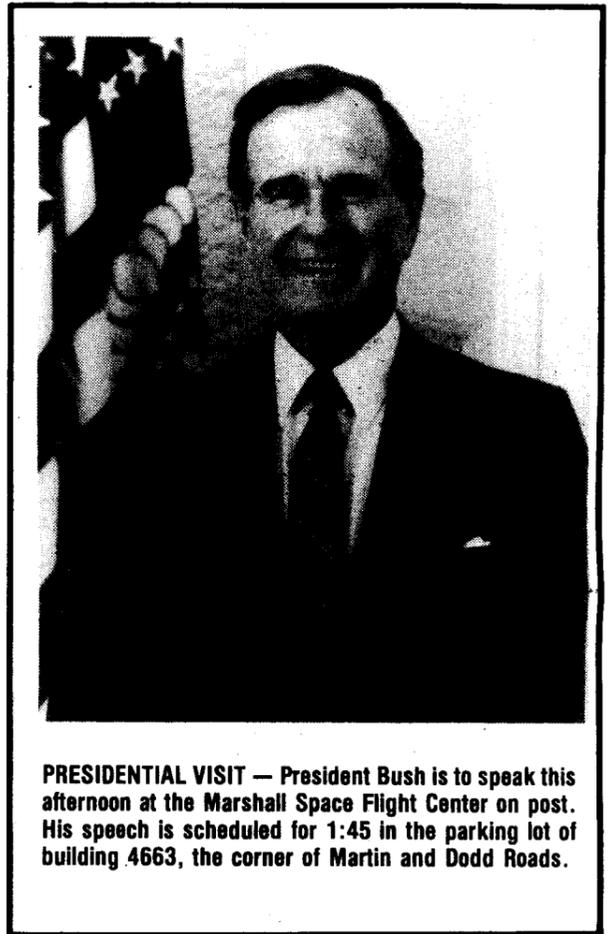
The Army hopes to award 62 percent of its contracts competitively in fiscal 1990, says the Army's competition advocate.

Dr. Joann Langston visited Huntsville and Redstone Arsenal last week to address the National Contract Management Association and meet with officials of the U.S. Army Strategic Defense Command and the Missile Command.

Langston uses Poland as an example of the importance of competition. "Eastern Europe, especially Poland, is undergoing total austerity right now to build in order to have in five years a total capitalistic economy — full range of products at best prices," she said.

"The real reason we advocate competition is to get the best value available for the soldier," Langston said, "the highest quality at the best price."

"This means companies work harder to get the government best value at the best price because they know if they don't we'll give the contract to their neighbor down the street."



**PRESIDENTIAL VISIT** — President Bush is to speak this afternoon at the Marshall Space Flight Center on post. His speech is scheduled for 1:45 in the parking lot of building 4663, the corner of Martin and Dodd Roads.

## Picnic

(Cont'd from page 1)

viding constant transport from the picnic area to the lodge. Cost for bingo is 25 cents per card or 50 cents for three cards. There will be grand prize games at noon and 3 p.m.

"You can expect an entire day of non-stop entertainment with lots of fun," Stephens said. "It'll be a family-oriented day for the Redstone community."

Free meal tickets will be given to the first 3,800 arrivals. The Maintenance Engineering Directorate of

the Missile Logistics Center is providing the free meals and soft drinks. The meal includes a hotdog and/or hamburger, chips, and three drinks. There will be vendors selling additional refreshments: ice cream from Baskin-Robbins, and candy and popcorn from the Shriners.

Sixteen committees within the Missile Logistics Center, this year's sponsor, have been planning the picnic since January. The Civilian Welfare Fund is the funding organization for the picnic. The 100 picnic volunteers from MLC — the number will probably

grow this week to 150 — have worked together with a number of volunteers from other Redstone organizations. "I think the thing that really sticks out in my mind is the committee chairpersons have worked extremely hard from January to June to ensure the community can enjoy an event that will be fun," said Stephens, acting chief of the distribution and transportation division in Materiel Management Directorate.

"We'd like to be stampeded on picnic day by hundreds of people that are enthusiastic and want to come out and enjoy the fun," he said.

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# Technology threatened by international competition

BY SANDA LAGER

In today's changing world, technology plays a more important role than ever before.

As the Soviet Union opens up to the West, it will need to advance quickly in technology and research and development to become internationally competitive, said James Dearlove of the Defense Intelligence Agency.

Dearlove spoke to a group of about 250 Army employees at the Rocket Auditorium June 12 about the continuing threat to Western technology brought about by an increase in international competition.

Two years ago the focus was on the military threat from Warsaw Pact nations, Dearlove said in an interview following his speech.

However, the sweeping political changes that have occurred in the Soviet-bloc countries, and the resulting easing of East-West tensions, now makes competitiveness a large issue, Dearlove said.

"We now have the Soviet Union wanting to compete economically as well as militarily," Dearlove said.

Dearlove believes a coordinated Western response is needed to address every mechanism the Soviets use — from the clandestine and illegal, to the legal and open source methods used to gain both military and economic information.

Among the legal mechanisms used to get informa-

tion, Dearlove mentioned the wealth of information to be obtained through open literature publications, business dealings and sales transactions.

He stressed that each person needs to do his own part by being aware of whether the information he is working with is something that could be attractive to foreign governments.

He said people also need to be aware that the flow of information goes both ways, and a balance should occur that allows the U.S. government to get something back for everything it gives away.

While the changing world brings different ways of doing business — joint ventures and exchange programs, for instance, — there still remains the likelihood that these programs could be exploited, Dearlove said.

The U.S. Congress has given the secretary of defense the authority to withhold certain types of unclassified, but sensitive, technical data from public disclosure by restricting the release of certain unclassified documents.

The purpose is to make this information freely available to any U.S. person who needs it, but prevent such information from being available in the open literature, at open conferences and to keep it out of commercial computer data bases.

"Throughout the 1980s the intelligence community devoted much effort in learning the extent of the Soviet program to acquire, assimilate and disseminate Western technology," Dearlove said.

The trade diversion program is one means by which the Soviets get items, he said. This program deals in the purchase of large numbers of dual-use equipment and related items for direct use in production lines. Since it is an export control issue, control is by the U.S. Export Control System or international control system.

The other primary means the Soviets use is the targeting of technical data, information and one-of-a-kind items, Dearlove said.

This program is more difficult to deal with and presents the greatest challenge today, Dearlove said. The threat posed by this effort to acquire data, information and technology transferred in a people-to-people mechanism is what the U.S. operations security program is designed to work against.

The current openness between East and West is good for the world, but on the person-to-person level, government, as well as private-industry people, need to use good judgment in releasing information; that is, balance our desires against theirs.

"I think people are becoming more responsible regarding the information flow (between countries)," Dearlove said.

Awareness is the key for government employees in determining what information to release to foreign governments.

Dearlove said one big problem our government faces in the release of information is different release policies by various agencies. This situation is exploited by those attempting to obtain information, he said.

A senior analyst with DIA, Dearlove received the 1987 Defense Intelligence Agency Director's Award for Exceptional Civilian Service and the 1990 National Intelligence Medal of Achievement for Exceptional Service.

He holds an undergraduate degree from Norwich University in Vermont and a master's degree in physics from Kansas State College.

He served 20 years in the U.S. Army Field Artillery before retiring in 1981.



DEARLOVE

## Office controls release of information

Technology transfer matters for the Missile Command and serviced activities are handled by the Intelligence and Security Directorate.

Col. George E. Lewis, director, is the command's foreign disclosure officer. He is responsible for controlling the foreign disclosure of classified military information and controlled unclassified information.

U.C. Jones is the command's U.S. contract officer. His responsibilities include processing foreign requests for visits and requests for information; consultations/activities of any foreign representatives visiting, accredited in a liaison capacity or integrated into the MICOM workforce.

A foreign representative is defined as, "either a foreign national or a representative of a foreign interest."

The Intelligence and Security Directorate processed

almost 3,000 foreign visit requests representing some 69,000 foreign representatives authorized to visit MICOM and MICOM contractors in 1989.

In addition, it approved some 50,000 documents for release.

Another way of controlling information for public release is the clearance process. Any time an author wants to publish or give a presentation on technical information developed by the Army, directly or indirectly, it must be approved for public release.

The review determines the material to be factual and unclassified and not in violation of the military critical technologies list.

Any questions concerning technology transfer should be directed to the Intelligence and Security Directorate, AMSMI-SI-CI-PT or to Jones at 842-7517.

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# Army Community Service serves as family advocate

*Editor's note: This is the first in a series of articles released by the Army Community and Family Support Center at Alexandria, Va., to highlight Army Community Service programs as part of ACS's 25th anniversary.*

Each year, more than 2 million American children are reported to suffer from child abuse, according to a report last March from the National Committee for Prevention of Child Abuse. In 1989, 1,237 children died from child abuse. That is three children a day. These estimates are low since many child deaths are not reported as the result of abuse. For many of those who live, the hurts inflicted on them as children influence their entire lives. Spouse abuse statistics are not as readily available, however current estimates indicate that there are roughly 2 million victims of spouse abuse each year.

Countless adults are trapped by their history into acts of violence, according to Donna Ray, family advocacy program manager in the Army Community Service (ACS) Division at the Community and Family Support Center in Washington, D.C. "The ugly facts of child abuse as one child who is physically injured; one child who is deprived of what he or she needs to thrive; one child who is exploited for the sexual gratification of an adult; or one child who is made to feel unloved, small, worthless, not good. The good news is that child abuse can be prevented. The ACS Family Advocacy Program focuses on these prevention programs," she said.

Ray explained that abusers are friends, neighbors, and relatives. "The truth is that many abusers genuinely love their children, but find themselves caught in life situations beyond their control and ability to cope. Some of the very factors that make life in the military so attractive are the ones that can seriously impact on our ability to cope," she said. She added that the effects of the "mobile military lifestyle" are so woven into the daily activities of the Armed Forces that it is easy to overlook the powerful impact that mobility has on our day-to-day lives and its relationship to factors which increase the risk of abusive behavior.

Contributing factors include isolation from family and friends who can provide emotional support, money problems, youth and inexperience, and lack of control.

"Tours of duty in the military are often remote or isolated and in foreign countries. Soldiers and their families often find themselves away from normal family support units or from friends who help them through rough times," Ray said. "We all know what money problems do to our ability to cope. Military moves and setting up house at the new installation inevitably create expenses that many families do not have the resources to meet. Add to this fact that military families, in general, are young and inexperienced and the moves are more turbulent for these younger, less skilled families.

"While civilians can usually turn down a transfer

*Army Community Service was established in 1965 to assist commanders in reducing conflict between a soldier's family responsibilities and duty requirements.*

without jeopardizing employment, soldiers are under 'orders' to move. Decisions regarding assignments and their timing are made with little or no input from the soldier. Other stresses, such as a shaky, fight-filled marriage, teen-parent conflicts, even predictions of peace in the world and its implications for career soldiers cause stress. Whether it is one stressful circumstance or a number of crises that actually trigger abuse, it is clear that a combination of factors build so that a person simply cannot cope any longer," Ray added.

To solve the problem, treating the victims of abuse is vital. The primary goal of the Army supports the belief that it would be much better if not a single instance of child or spouse abuse occurred. Thus, prevention is even more important.

"Prevention is a matter of saving lives," Ray said. "The effects of violence on children and families are physically, mentally and emotionally harmful and often long-lasting or permanent. The possibility of successful rehabilitation is reduced the longer the problem is allowed to persist. The earlier support can be provided, the better. For abuse to be prevented, families need support at many times."

There are many ways you can help the Army prevent child abuse. Ray explained that each person can begin with himself or herself. "Reach out for help if you think you need it," she said. "For starters, you can prevent stress. Balanced, regular meals prevent stress. Exercise helps prevent stress, as does choosing to

relax, and limiting drinking or smoking. Each person can take responsibility for their own feelings and make good choices. Good questions to ask yourself include: What do I really need? Who am I trying to please? What do I need to make me feel good about myself?

"You can also help a friend, neighbor, or relative," Ray added. "You can do a lot to help those you care about cope with the problems that lead to abuse. Sometimes, just being a friend, helping out with household chores, taking care of children for a while, being around to listen, can help someone cope with the isolation and stresses that trigger abuse."

Reporting suspected abuse is also extremely important. "You may not be in a position to reach out to a family. You may suspect a child or spouse is being abused, but for many good reasons you may not want to get directly involved. In such cases, you can help a friend, neighbor, or relative by reporting the suspected case of abuse to Child Protection Services or Family Advocacy personnel on your installation," Ray said. "Don't wait until you can prove the abuse; you will not get into trouble if you are wrong.

"Help does not come magically to people; your concern and report may save a life."

ACS is celebrating its 25th anniversary of support to commanders, soldiers, and families. The organization was established in 1965 to assist commanders in reducing conflict between a soldier's family responsibilities and duty requirements. The initial support was in the areas of information and referral and relocation services. Over the years, the program has evolved and developed into the social service network Armywide to implement soldier and family support systems. Today, services are available at 166 ACS centers Armywide.

For more information about the Family Advocacy and other ACS programs and services, contact your Army Community Service center. The family advocacy program manager here is Salvatore Riccardi, building 3491, phone 876-5397.

## Wage grades to get 3.5 percent raise

Federal wage grade workers in the Huntsville area will get a 3.5 percent pay raise in September.

A new Wage Schedule for the Huntsville wage area was issued last week by the Department of Defense Wage Fixing Authority. This schedule was established under the Federal Wage System and applies to all wage grade employees of the federal government who are engaged in laboring, trade, and craft occupations in the Huntsville wage area.

"For the non-supervisory category, it would be (an increase of) 3.55 percent and that would also apply for the leader positions. And then for the supervisory positions it'll be 3.56 percent. That's the average increase," said Nita Dawson, the alternate chairman of the Local Wage Survey Committee.

The new schedule is dated June 12 and will be effective the first day of the first applicable pay period beginning on or after Sept. 8.

Average per hour rates, based on the second step of the pay scale, are as follows:

- WG-2, step 2, \$7.46; WG-5, step 2, \$8.88; WG-7, step 2, \$9.76; WG-10, step 2, \$11.10; WG-11, step 2, \$11.52
- WL-5, step 2, \$9.77; WL-7, step 2, \$10.75; WL-8, step 2, \$11.23; WL-9, step 2, \$11.72; WL-10, step 2, \$12.21
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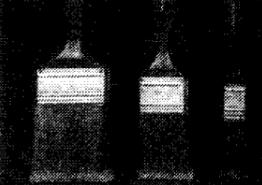
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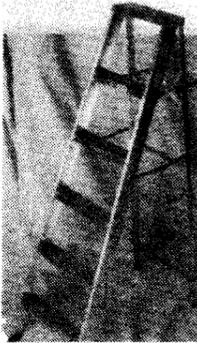
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# Reserve unit plans major ammunition exercise

Simulating actual combat conditions for conventional ammunition exercises is difficult, to say the least — what with requirements for several widely dispersed sites and other logistical concerns.

During their annual training, the 39th Ordnance Group (Ammo) has proposed a possible solution. The answer involves using Redstone Arsenal, Coosa Ammunition Army Depot, Fort McClellan, Childersburg Depot and facilities at Tullahoma, Tenn., and placing at each location a different type of ammunition storage activity.

This concept would not only simulate distances involved in moving ammunition but would also test the 39th's ability to coordinate and execute plans using various support units (i.e. transportation units).

Called CATS (Conventional Ammunition Training Site), the exercise will be tested during the 1991 annual training of the 39th here.

"GS/DS ammunition units at theater or corps have no current opportunity to train as they would fight. The field training assets at Redstone such as the Corps Storage Area, Ammunition Supply Point, airfield, railhead and port facilities are excellent for this purpose (CATS)," said Col. Bernard Kosowski, commander of the 39th Ordnance Group.

"The off-site locations are also available for exercise purposes to replicate time/distance problems of theater/corps class V movements," he said.

CATS is a viable solution to a training shortfall, he said, which is flexible enough to evolve with doctrine to support Airland-Battle Future (Non-linear).

The 39th, a major subordinate unit of the 78th Division, has its headquarters in Edison, N.J.



**BRIEFING** — Col. Bernard Kosowski, far right, presents a briefing on the Conventional Ammunition Training Site (CATS) to a group of officers from the Ordnance Missile and Munitions Center and School and the Missile Command. A test of the exercise is planned for the summer of 1991.

## Personal, unauthorized mail doesn't get delivered here

If you're missing some of your mail lately, it could be your own fault.

Because mail addressed to a person by name is considered personal mail and private property of the addressee, the Redstone Arsenal Central Mail and Distribution Center is prohibited from delivering it (see MICOM regulation 340-8).

But there are exceptions to the enforcement of that rule.

If the item is a letter and not part of a mass mailing, Central Mail delivers it.

"We don't send letters back (to the sender)," Seaburn Hyatt, the Army's contracting officer representative for the RASA support contract, said.

The rule *is*, however, enforced on mass mailings. In many cases, mass mailings for products, services, schools/seminars and individual company news releases arrive addressed to individuals, Hyatt said. The names sometimes appear to have been taken from a mailing list, and oftentimes the office symbols are outdated and names are incorrectly spelled.

"Our contractor people are instructed to refuse the entire batch if they look at the first few labels and they're wrong," Hyatt said.

"Our contractor is instructed to refuse a batch of mail if he looks at the first few and sees the sender has used outdated office symbols," he said.

Mass mailings received at Redstone are not a new

problem. The mail room stopped delivery of mailings that were personally addressed when Army Regulation 340-5 came out in 1980.

Addressees should stop unauthorized mail by removing their names from mailing lists or advising the sender of the correct address format, Hyatt said.



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# Dentist shortage crimps service at both clinics here

Due to the unexpected summer rotations of several dental officers, there is a critical shortage of space-available dental appointments for family members of active duty people at the Main Dental Clinic and the Fox Army Community Hospital Dental Clinic.

This shortage of space-available dental appointments is projected to last for the next six to eight months, according to Col. Dan Dalzell, commander of Dental Activity. Active duty people receive space required care and will be unaffected by the reduction of dentists. Priority of care is divided into three categories with active duty receiving first priority, family members of active duty second, and retired military and their family members third.

The DENTAC has an authorization of six military dentists and one contract dentist. Its current table of distribution and allowances is based on the active duty population only. As of Aug. 1, the DENTAC will have six dentists out of seven authorized.

"It is strongly recommended that military sponsors consider starting the Active Duty Dependents Dental Plan for their family members," Dalzell said. The Active Duty Dependents Dental Plan is a voluntary program under which sponsors of enrolled families pay a small monthly premium by payroll deduction; their enrolled family members may then receive certain basic preventive, diagnostic and restorative services. Covered diagnostic and preventive services are fully

paid; the plan shares 80 percent of the cost of a variety of restorative and repair services. Under the new contract, several benefits will be added or improved, beginning Aug. 1. A new, fully-paid benefit will be sealants on permanent molars for patients under age 14. These patients will also now be covered for space maintainers needed because of premature loss of baby teeth. New benefits that will be cost-shared are prefabricated resin crowns for baby front teeth, and partial payment for some other crowns.

Active duty people may enroll their dependents in the plan at their installation's personnel office.

Questions regarding dental care can be answered by calling 876-2530/2616, Monday through Friday from 7:30 a.m. to 4:30 p.m.



**CORPORATE TEAM** — A team from U.S. Army Strategic Defense Command placed third among 35 corporate teams in this year's 6.2-mile Cotton Row Run in downtown Huntsville. Maj. Gen. John Peppers, SDC deputy commander, presented a third place ribbon to each runner. From left are Peppers, Ellis Whitt from the Airborne Optical Adjunct Office, Donna Cancel from the Contracting and Acquisition Management Office, and Jim Hiley from the Environmental Office. The fourth team member was Lt. Col. Steve Rice, not present at the ceremony, from the Survivability, Lethality, and Key Technologies Directorate.

# Thiokol tests its newest launch vehicle

The Huntsville Division of Thiokol Corporation, Tactical Operations, has entered a new era in its production of Castor launch vehicles.

On June 13 the first Castor IVB qualification motor was static fired, adding thrust vector control (TVC) capability to the rugged Castor motor series.

Thiokol's Huntsville Division has produced the Castor propulsion system since the late 1950s and has accumulated more than 1,750 successful flights with a flight success record of 99.94 percent. Castor IVB is the latest addition to the Castor family of propulsion systems. The Castor IVB motor contains more than 20,000 pounds of HTPB propellant in a 40-inch-diameter steel case, and has a 6-degree omniaxial moveable nozzle TVC system.

This motor is being developed and qualified as the single-stage propulsion system for the Maxus sounding rocket being developed by a European consortium. A flex-seal bearing, based on a long heritage of successful systems at Thiokol's Strategic Operations in Utah, is the basis for the Castor IVB TVC system. Other components of this motor are based on the successful Castor IVA motor currently being used as strap-on propulsion for the McDonnell Douglas-Delta II launch vehicle. The Castor motor will inherit the reliability of its Castor predecessors and should service an array of future launch vehicle propulsion requirements, either as single-stage or clustered propulsion. This motor answers the market needs of a large launch vehicle propulsion system with TVC.

Thiokol's Huntsville Division was established in 1949, and was the first aerospace company to locate in Alabama. In addition to the Castor series, the division

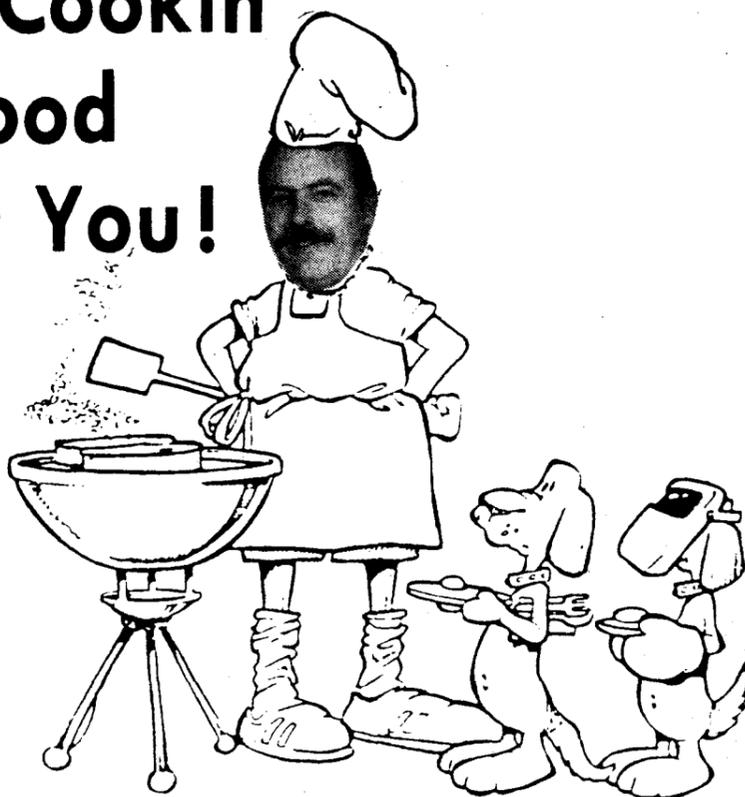
manufactures tactical rocket motors for defense applications. It employs about 875 people.

Thiokol is a \$1.2 billion Utah-based corporation with about 11,500 employees at 11 major facilities nationwide. The company is active in areas of solid propulsion systems, ordnance and composite products for the space and defense industries.



**COMMAND CHANGE** — Lt. Col. Brian Lee, left, accepts the 832nd Ordnance Battalion colors from 269th Ordnance Brigade commander, Col. James Amato, during a recent change of command ceremony. Relinquishing command of the 832nd was Lt. Col. John Hostettler who will be taking a post at Aberdeen Proving Ground, Md. Also during the ceremony the 73rd Ordnance Battalion was inactivated, giving Lee command of more than 2,000 soldiers.

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# Launch system work goes on despite money woes

BY TIM DOWNEY

AMERICAN FORCES INFORMATION SERVICE

America uses old technology to launch million-dollar satellites into orbit. Air Force and NASA scientists and engineers think they've found a better way to fly.

Once developed, the Advanced Launch System, or ALS, will enable the United States to put various payloads into space on demand while cutting the price to a fraction of today's figure. When ALS becomes operational some 10 years from now, program officials hope it will cut today's \$3,000 per pound cost to a congressionally mandated figure of one-tenth that amount.

Substantial savings would result, goes the philosophy, if performance takes a back seat to cost. Two ways the system could cut costs are by streamlining launch procedures and by using the latest lightweight alloys on the booster and payload.

ALS officials expect the program to meet the nation's future national space launch needs. They have three objectives: Develop technologies, system designs and operational concepts for use well into the 21st century; provide technological spinoffs that will improve existing launch systems; and serve as the basis for launch vehicles to follow.

Col. Michael Mushala, ALS program director at the Air Force Systems Command's Space Systems Division in Los Angeles, said officials are reeling from a major budget hit. A reduction from \$226 million last year to \$85 million for fiscal 1991 has resulted in a major restructuring, he said.

"Essentially, we will continue working on the prototype liquid-fuel rocket engine program," he said, adding the engine will take years to develop. Meanwhile, upgrades continue to the current fleet of space boosters. Air Force and NASA officials are re-examining where to focus efforts, given the sharply reduced funding.

"Reduced funding will push back our projected 1997 deployment date by several years," said Ed Gabris, NASA's project manager. He said NASA and the Air Force can rely on space shuttles and Titan IV launchers in the meantime, but the delay doesn't mean ALS is not needed.

"There is agreement in the national security arena that the Advanced Launch System is the method to provide the United States with the long-term launch capability it currently lacks," Gabris said.

Lt. Gen. Donald Cromer, Space Systems Division commander, put it this way: "The ALS concept is far more complex than simply developing a big heavy-lift booster. It's the foundation of our next generation of expendable launch vehicles. Work being performed today is targeting quantum leaps in both capability and cost savings."

Cromer's division develops satellites and space-launch vehicles. It has launch centers at Vandenberg Air Force Base, Calif., and at Cape Canaveral, Fla.

The Advanced Launch System is slated to include a family of boosters able to meet growing U.S. national

security, civil and commercial needs in space. Those boosters will launch into orbit a diverse range of payloads weighing from 1,000 to 220,000 pounds. Medium-lift loads, those weighing up to 50,000 pounds, would be carried by Titan IVs and space shuttles. Lighter payloads would be divided among Scout, Pegasus, Delta I and II, Titan II and Atlas II launchers.

Because the budget collar is tightening, the government's and contractor's early commitment to total quality management is proving even more important than first envisioned. Cromer said that everyone involved in the program is sold on TQM's promises of superior reliability and substantial savings. Because the system will develop over a decade or more, officials want to ensure emerging and existing technologies blend easily; TQM offers the necessary cooperation and coordination.

"TQM breaks down the functional 'stove pipes' and barriers that organizations develop over years of entrenched thinking," said Col. John McCabe, commander of Detachment 10 of the Air Force Systems Command's Contract Management Division, which performs final inspections of Titan missiles made by the prime contractor, Martin Marietta. "Total quality management gets rid of the 'throwing stones at one another' and injects mature, objective analysis: How do we improve the process, make the total system more efficient and reliable?"

Officials hope the teamwork-inspired TQM philosophy leads to the steady progress ALS needs to pull through its current budget woes and win back the priority it commanded just a year ago. If that happens, ALS may well launch America into the 21st century.



**NCO WIVES** — Newly-installed officers for the NCO Wives Club include, from left, Mary Moreillon, president; Linda Johnson, vice president; Mary Rose Ball, corresponding secretary; Kathy Shawkey, recording secretary; Mary Parrish, treasurer; Judy Fredrich and Emma Baulos, board members; and Sandra Davis, parliamentarian. Not pictured is board member Beryl Cutts. The honorary president, Sandra Chen, installed the new officers June 2 with the assistance of the honorary advisor, Minnie Clifton.

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# Services try to improve health care for military women

BY EVELYN D. HARRIS

AMERICAN FORCES INFORMATION SERVICE

Although military women are generally satisfied with treatment they receive at military hospitals and clinics, there are important pockets of discontent.

The services have been trying since last fall to solve the problems revealed when preliminary findings from the 1989 Active-Duty Health Care Survey were presented to the Defense Advisory Committee on Women in the Services. At the spring DACOWITS conference, Carol Galaty of the Office of the Assistant Secretary of Defense (Health Affairs) briefed committee members on results of those efforts.

"On the whole, the members of DACOWITS task force are pleased with the survey," Galaty said. "It shows that military health care is not in a crisis. There are some problems, but the services are working hard to resolve them and to improve health care for active duty women."

She said the most disturbing problem surfaced by the survey was harassment of women by both their doctors and their supervisors. Although harassment was cited by only 9 percent of the women surveyed, this represents almost 11,000 women, according to the final survey report.

The report quoted one respondent's account of harassment: "On my last visit when I saw the OB-GYN doctor, I specifically requested birth control pills. The physician's (female) response was 'Just say no to your husband.' Needless to say, I did not obtain birth control pills at that time. I am still without birth control pills."

The prevent further harassment, DoD is developing training material to sensitize supervisors to women's special medical needs. The Navy has sent a message on this subject to line command personnel. In addition, the Navy is using its "TEAM" (Treat Everyone As Me) approach and total quality management program to educate medical staffs on making inappropriate statements to patients seeking contraceptive care.

The services also addressed other survey issues about high rates of dissatisfaction or important quality issues.

The survey suggested a "low rate" of women receiving mammograms. The services followed the Army, which responded that its regulations require baseline screening at age 35 and annual screening after 40. It said Army standards exceed those of the American College of Gynecology, and screening before age 35 is not recommended in the absence of a medical requirement.

Because survey data on mammography were not segregated by age, the Army recommended getting bet-

*"There are some problems, but the services are working hard to resolve them and to improve health care for active duty women."*

ter data before proceeding on the issue. The Navy has taken steps to alert active duty women who need mammograms.

Another frequent complaint across the services was women's dissatisfaction with the reporting of test results. About a quarter of them said they either weren't told the results or weren't told in what they deemed a reasonable time.

The services responded that the survey did not specify which tests were at issue. However, the Air Force, Coast Guard and Navy, which also cares for Marine Corps women, decided to change their Pap smear notification procedures. They instructed clinics to notify women of normal results. Before, they didn't and didn't think the policy unusual; health officials say most civilian practitioners do not notify women of normal Pap results.

The Air Force is looking into the possibility of automating the notification process with prerecorded, digitized phone messages. It also recommended that the next survey should ask respondents to specify information such as which test results were too slow in coming — the women may not understand some tests take longer than others.

The Army is looking into an automated system whereby a woman awaiting test results is assigned a code and can call a phone number to hear whether her test results require a follow-up. Women whose tests indicate the need for follow-ups would also be contacted directly, Army officials said, adding the automated system is merely a fail-safe measure.

Survey complaints about clinic waiting times were prevalent. Waits of more than half an hour were reported by more than 30 percent of the respondents. Waits of more than an hour were not common, although a few women told of waits exceeding two hours. Waiting time was reported as less of a problem in the Air Force than in other services.

The Navy said its waiting times stemmed mainly from its shortage of doctors and nurses, particularly in obstetrics. It said it has been actively pursuing remedies such as retention bonuses, contract services and management efficiencies. The Navy is also work-

ing on improving its scheduling systems. In the meantime, the Navy's TEAM approach is focusing on improving communication between staff and patients. The waiting room staffs have been told to inform patients when waits may be unusually long, among other things.

The survey found that the percentage of military women receiving regular prenatal care is better than that for American civilian women. The services said they want to bring the rate up to 100 percent, and their measures include sensitizing commanders to the fact that prenatal care is necessary, not "just a way to get out of work." The Coast Guard made its commanders responsible for ensuring that pregnant women get prenatal care, and it recommended that the next survey specifically define "regular" prenatal care.

Surveyors reported a low rate of women receiving information on sexually transmitted diseases, breast examinations and contraceptives. The services said they provide such information at accession and various other points in women's careers, but added more must be needed if a significant number of women are dissatisfied. The services are looking at ways to improve the amount and quality of such information from health care providers and through other education efforts. They are also looking at ways to make such information more accessible to women too shy to ask for it.

The number of active duty women who feel they don't receive priority care was a survey problem for all services, and all services have taken steps to improve the situation. The Army, for instance, has asked medical commanders to find out why present rules are perceived as ineffective and to correct them to ensure active duty women get priority care.

Many women cited dissatisfaction with treatments for unusual bleeding or vaginal symptoms. The Coast Guard noted, "All the services took a beating on this issue." "The vast majority of vaginal symptoms are not life-threatening. These symptoms are nonetheless urgent to the patient," the Navy said. Though these survey complaints were specific, they pointed to a larger problem: The services addressed the need for health care professionals to be more sensitive to women's perceptions of their conditions.

The Navy responded by stressing to its medical professionals the importance of avoiding brusque or nonchalant responses — that routine conditions to them are not routine to patients. And that statement also echoes a theme that recurred throughout the report: A little communication and empathy go a long way toward patient satisfaction.

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# Redstone girl going to Germany on scholarship program

BY SKIP VAUGHN

A Redstone Arsenal girl has received a congressional scholarship to spend a year in Europe as an exchange student.

Lindsey Foulkes, 15, daughter of Maj. Brian and Kathy Foulkes, was selected to be a Bundestag scholar. The program is funded by the German Bundestag (Parliament) and the U.S. Congress. Only two such scholarships were awarded in Alabama.

Foulkes applied last November after seeing a poster advertising the program displayed at her guidance counselor's office at Butler High School. She got the necessary recommendations from her guidance counselor, from a teacher and from someone in the community. Youth for Understanding (YFU) International Exchange conducts the nationwide selection process.

She and eight other finalists in Alabama were interviewed by a panel of statewide professors Feb. 28 at the University of Montevallo. Foulkes was notified of her selection in March along with Jennifer Sholund of Gardendale. She will be leaving July 19 to spend a year as a high school senior in Germany.

"I feel honored and proud to have received it. They told us there were over 150 entries in the Birmingham area alone," Foulkes said. She is taking a U.S. government course this summer to earn that high school credit before she leaves. Foulkes should receive her diploma from Butler High in July 1991 upon returning to the states with a transcript of the credits she earned overseas.

After high school Foulkes plans to attend the University of Alabama in Huntsville for a year then probably the University of Texas-Arlington. "I'm going to major in criminology and after that I will apply to work with the Dallas Police Department as an undercover narcotic (officer) and then I will apply for the Drug Enforcement Agency in Galveston," she said.

Foulkes was active in the DARE (Drug Abuse Resistance Education) Program, which is in conjunction with the Huntsville Police Department, during her

year at Butler. She was also involved in the theater club, Latin club, peer counseling, national junior classical league, national honor society, national Latin honor society, and played flute in the band. She had a 3.62 grade point average on a 4-point scale. Her hobbies include swimming, riding horses, playing piano, reading, writing and dancing.

"I used to want to be a veterinarian," Foulkes said, referring to her career choice of drug enforcement. "I started reading up on drugs and talking to police officers, and it just really sort of hit home; I felt it was something that really needed to be done."

Her family came to Redstone last August from Lancaster, Calif. They spent 1985-88 in Yongsan, Korea. "I spent my freshman year in high school in Korea, my sophomore year in California, my junior year in Butler (High), and my senior year in Germany," Foulkes said, laughing. She was born in Lake Havasu City, Ariz., and has done the typical stateside traveling of military family members. But apart from three weeks at Girl Scout camp — she was a Girl Scout for seven years — she has never been away from home.

"I'm very proud of her that she has been awarded the scholarship but to say it's easy to let her go, I can't say that," her mother said. "We certainly will miss her. I feel comfortable with her going to Germany, and this certainly is a very exciting time for her to go — with politics changing over there as rapidly as they are." All of the Bundestag scholars are to attend a conference in Berlin in February, probably on the subject of their impressions of the country.

Foulkes will be leaving Huntsville for New York on July 19 and will arrive the following day in Frankfurt, Germany. She will live with a host family while attending an intensive four-week language course, and will live with another host family for the duration of her year in Germany.

"I just think it's a wonderfully exciting experience and (it's) for someone that has a sense of adventure," her mother said. "It's certainly not something I would've done at that age. She's always been independent."



GOING TO GERMANY — Lindsey Foulkes, shown with her mother, will spend a year in Germany as an exchange student.



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# Unit gets physical with a challenging 'fun' program

*Editor's note: A Company, 73rd Ordnance Battalion became HHC, 832nd Ordnance Battalion during change of command and 73rd Ordnance Battalion inactivation ceremonies June 7. Lt. Col. Brian Lee became the new 832nd Ordnance Battalion commander.*

BY TAB SHIOTA

It seems that everyone's into fitness, what with fad diets and killer-paced exercise programs.

While A Company, 73rd Ordnance Battalion's physical training program may seem to fit that mold, its variety and thoroughness exemplifies the Army ideal for a fitness program.

"I feel that we have a good, effective PT program," said Capt. Carolyn M. Hamilton, 29, a native of Jackson, Miss., who is commander of A Company. "I feel it's the best program in OMMCS (Ordnance Missile and Munitions Center and School). Through the program we have increased unit esprit de corps and morale. I have received many favorable comments about the PT program from soldiers both in my unit and other units. Physical fitness is a very important part of being a soldier; being physically fit enhances combat readiness and that's the bottom line...to win in battle."

Hamilton's strong right arm is her "lean and mean" first sergeant, Doyn Epperson, 37, a native of Morrilton, Ark. Shortly after taking over, Epperson began changing and improving the PT program. "We conduct PT under the Master Fitness concept," Epperson said. "Under Master Fitness, the only limitation is imagination: You can make the program as challenging and interesting as you want to — the guidance allows a lot of latitude; it doesn't have to be a boring old grind."

And because of that latitude, A Company's program not only includes calisthenics and running, but also has aerobics, circuit routines, grass drills, and sports. "The soldiers seem to enjoy PT because of the variety and physical and mental challenge that it presents them," Epperson said. "Individual soldiers still have to put forth effort into PT to receive its benefits...to be physically and mentally prepared for combat."

For the soldiers of A Company, those challenges come in several different forms. Running is still a large portion of PT, but it isn't just running from point A to B in formation. A Company does variations such as Indian style runs, where the last rank of the formation dashes to the front while the group maintains a steady pace; timed group runs, where a group runs a two-mile course within a specified time; one-mile speed runs, and two and a half and three-mile runs to build up stamina.

Relays not only inject variety, but also some friendly competition. These include wheelbarrow races, inverted crawls, crabwalks, hopping, fireman's carry and dashes. Even though soldiers know what routine is being used, they may not know what *kind* of events will be used. A Company soldiers react to this uncertainty with enthusiasm.

"The PT program is now exciting and more challenging," said Sgt. Richard Neese, 23, a wire guided missile repairer. "The variety breaks up the boredom. I think it's a good program, designed to keep us fit, but I think that soldiers still need to do something extra...work on their own to excel."

Spec. Mickey Dickerson, 20, a Hawk fire control repairer, likes PT for another reason. "For me, it's an



GO! — Soldiers of A Company, 73rd Ordnance Battalion begin the two-mile run event of the Army physical fitness test.

*"Physical fitness is a very important part of being a soldier; being physically fit enhances combat readiness and that's the bottom line...to win in battle."*

outlet for stress," Dickerson said. "PT helps my mental attitude...I have a positive outlook after doing PT...I feel good, both mentally and physically. I have always enjoyed PT but I tend to train only in my physically strong suit — running. The company's program is now helping me improve my weak points — push-ups and sit-ups; that's a personal challenge for me and I'm going to do my best to improve."

SFC Nancy Rachel, 29, a former basic training drill instructor, sees the physical training program from an unusual vantage point: She has seen the fitness level of typical Army recruits starting basic training, and how the permanent party PT program must maintain fitness levels developed during basic and advanced individual training. "Units need to train more to improve fitness," Rachel said. "A Company's program has gotten better since the inclusion of Master Fitness concepts. Overall, I feel that the soldiers like the program and are benefiting from it...if they willingly apply themselves to get the most out of it."

While both Hamilton and Epperson are ultimately responsible for A Company's fitness program, they rely on the unit's fitness experts to help plan and run the physical training program: the master fitness trainers (MFT). One of A Company's master fitness trainers is SSgt. Raymond Lennon, 33, an accounting specialist working for the OMMCS Logistics Division. Lennon is not a typical paper pusher; he is a bodybuilder and presents a fine role model for the soldiers of A Company. He attended the four-week master fitness trainer's course at the Army Physical Fitness School at Fort Benjamin Harrison, Ind. The course is worth seven college credits and is not just a how-to-lead-exercises course. Subjects covered include physiology, nutrition, stress management and PT program management.

"I am there for the unit, writing programs for both the unit as a whole and for individual soldiers," Lennon said. "Programs that I write may be general in nature and include aerobic conditioning, muscle endurance, muscle strength and flexibility or they can be very specific, like helping an individual improve their two-mile run time. Most of the soldiers know that I'm an MFT and some come to me for programs, but many just don't know what I can do for them." But Epperson *does*, and relies on input that the two unit MFTs provide.

"I would say that about 75 percent of our input is used to change or improve the PT program," Lennon said. "Currently the company conducts PT three times a week and that's done to maintain the soldiers' current fitness levels. It's up to the individual soldiers to improve or increase their fitness levels."

For those soldiers wanting to improve their fitness, A Company runs a volunteer developmental PT program which meets five days a week. SFC Frank Morales, 36, a native of Oakland, Calif., leads a group of 15 including five females. "This program's emphasis is to help soldiers exceed both the Army's and the company's fitness standards," Morales said. "That's a big challenge for soldiers and I believe that soldiers want a challenge and a sense of completion when doing things. The volunteer program does just that by challenging them to run longer distances (over hilly terrain) than the unit does and adds a weight training program. The sense of completion comes when soldiers see that they can complete long runs or when they can do more push-ups and sit-ups because

of the weight training. I have to show them that they can do it: overcome mental blocks first; get mental to get physical. It really works...the volunteers have made great progress."

For soldiers who fail an Army physical fitness test, A Company runs a special development PT program. Special PT is conducted six days a week, Monday through Saturday, and works on improving participants' endurance and strength with different length and types of runs, weight training, partner-resistance exercises and circuit routines. Sgt. James Benn III, 34, a native of Baltimore, Md., an administrative specialist, is one of the special PT leaders. "We try to help soldiers work on their weaknesses and improve their endurance," Benn said. "We especially work on endurance because we have found that lack of muscle endurance causes most APFT failures." A Company's special PT program requires soldiers who fail an APFT or are found to be overweight/overfat be enrolled for 90 days, during which they work on their weak areas and prepare to take another Army physical fitness test or lose weight.

The unit's motto, "Lean and mean," is more than just a pep builder; it's also aimed at reminding soldiers of the weight standards. "The 'lean' relates to the traditional image of the military: physically fit and mentally prepared," Epperson said, "and the 'mean' describes soldiers who are motivated and determined to get the job done, and that they mean to stay No. 1. Those ideas relate directly to Army guidelines and standards for both physical fitness and height/weight of soldiers. The Army's goal is to present a 'lean and mean' image, which goes a long way to bolster soldier morale and builds public confidence in its Army."

The Army's soldier fitness program is governed primarily by two regulations, a field manual and several Department of the Army pamphlets. Hamilton also receives additional guidance from the 73rd Ordnance Battalion commander, Lt. Col. Brian Lee, on means for planning, conducting and evaluating the company's PT program. Not just a one-sided program, it's concerned with *total fitness*: physical fitness, body composition/weight control, nutrition, smoking cessation, and stress management.

What all this guidance boils down to is this: The Army is serious about soldier fitness, and every soldier is responsible for their fitness levels.

"The Army is becoming smarter in the realm of fitness," Lennon said. "PT is now more exciting, challenging and just plain *fun*; and the other fitness program components shows that the Army is concerned about the total soldier — mind and body."

Yes, A Company still does double-time in formation and sings cadence along the way, but now that's part of a multifaceted, well-balanced fitness program which is neither faddish nor killer-paced.



ROW, ROW, ROW — SSgt. Ray Lennon demonstrates the proper way to use the rowing station of the universal weight machine.



PUSH IT — Sgt. James Benn III, left, counts the push-ups of an A Company, 73rd Ordnance Battalion soldier during an Army physical fitness test.

# Clouds part just in time for armed forces air show

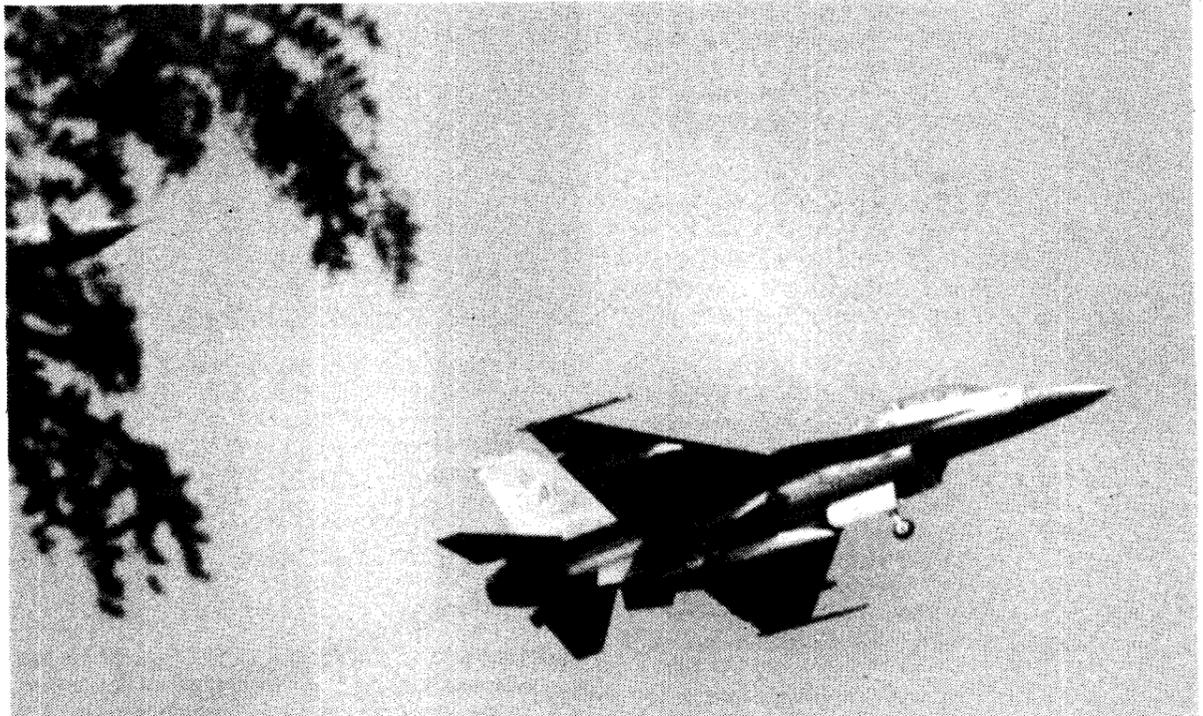
Somebody up there must like the armed forces of this community.

It was raining Friday shortly before the scheduled start of the air show, a featured event of the weeklong Armed Forces Celebration. Only about 10 minutes before 4 p.m., however, the clouds parted, the sun came out and the show went on without a hitch.

Maj. Gen. William Chen, commander of the Missile Command and Redstone Arsenal, reviewed the troops participating in a military parade from atop a mobile reviewing stand. He presided over a retirement ceremony which preceded the show. Music was provided by the 14th Army Band from Fort McClellan.

Aircraft featured in the air show included a CH 54 Skycrane helicopter from the Alabama National Guard in Birmingham; CH 47 Chinook, UH 60 Blackhawk and AH 64 Apache helicopters from Fort Campbell, Ky.; UH1 Huey helicopters and U 21 and C 7 Caribou airplanes from Redstone; two F4 Phantom jets and two F16 Fighting Falcon jets from the Alabama Air National Guard in Birmingham and Montgomery.

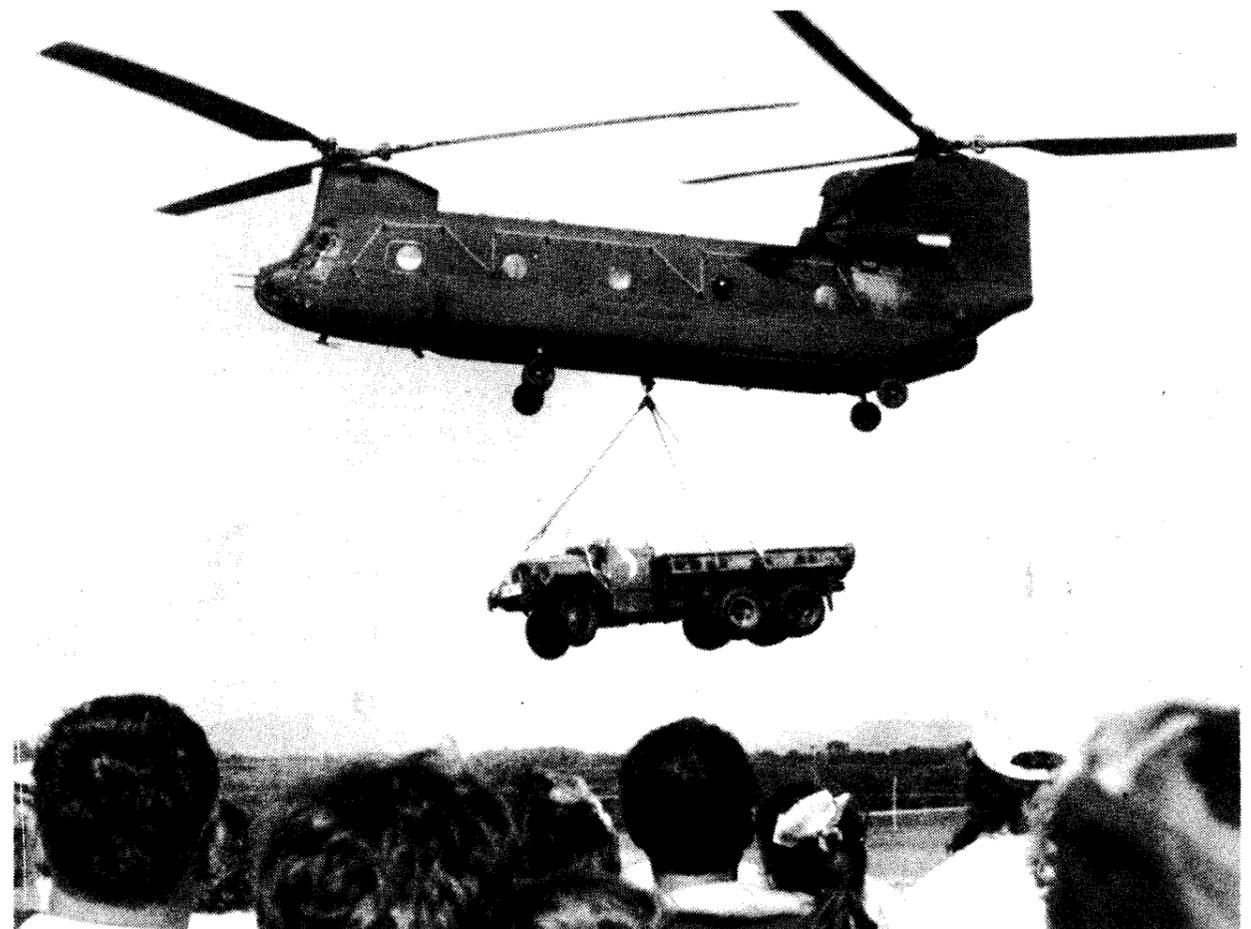
The Golden Knights, the U.S. Army parachute team, demonstrated their skills along with members of the Alabama National Guard's 1st Battalion, 20th Special Forces who gave an air assault demonstration. The questionable weather probably hurt the attendance; a military police officer providing crowd control estimated there were about 500 people.



**HOLD YOUR EARS** — A jet plane, from the Alabama Air National Guard, flies overhead as part of the air show.



**GOLDEN KNIGHT** — A member of the U.S. Army parachute team comes down for a landing.



**UP, UP AND AWAY** — A CH-47 D helicopter, from the 101st Airborne Division Air Assault out of Fort Campbell, Ky., draws oohs and aahs from the crowd as it carries aloft a large truck.

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# Rockwell signs up for contractor performance program

A contractor that received a poor quality rating just three years ago was officially commended Friday for making a complete turnaround.

Rockwell International Corp. Tactical Systems Division of Duluth, Ga., contractor for Hellfire system, was welcomed into the Contractor Performance Certification Program (CP-squared). A memorandum of agreement was signed by Rockwell, the Missile Command and the Defense Logistics Agency in a ceremony held here.

At the completion of the five-month program, Rockwell can join Martin and Raytheon as certified contractors.

"I can say from a personal standpoint that I have been through the plant at Rockwell and I was certainly very much impressed with not only the processes but the people," said Maj. Gen. William Chen, the MICOM commander. "The processes are important but it's the people that make this happen."

Paul B. Smith, vice president and general manager for Rockwell, said he was representing the 1,400 employees who helped the company convert a red rating received in a 1987 audit to a gold rating. "We all signed onto a plan and then the 1400 folks made it happen," Smith said.

He said his company is "very pleased" to be able to participate in the CP-squared program and hopes to become certified within four months. "Thank you very much for this opportunity and we will not let you down, and we will not let the program down," Smith said.

"Paul, you can be very proud of all of your people," said Air Force Col. Vinson Grosse, commander of Defense Contract Management Region in Atlanta, representing the Defense Logistics Agency. "We look forward to the certification this fall."

The memorandum of agreement was signed by Chen, Smith and Grosse. Other participants in the ceremony included Truman Howard, director of Product Assurance, and Col. Tom Devanney, acting deputy program executive officer for fire support.



**SIGNING CEREMONY** — From left Paul Smith of Rockwell, Maj. Gen. William Chen and Air Force Col. Vinson Grosse sign the CP-squared memorandum of agreement.

## Troop softball

Here are the troop softball standings as of June 15:

Eastern Division		Western Division		Won	Loss
A Company 73rd	5	0	95th	6	1
C Company 73rd	7	1	B Company 832nd	4	2
515th	4	1	MEDDAC	3	2
Navy	1	4	Marines	3	2
C Company 832nd	1	5	HHC	3	3
291st MP	0	6	B Company 73rd	3	4
			D Company 832nd	1	5

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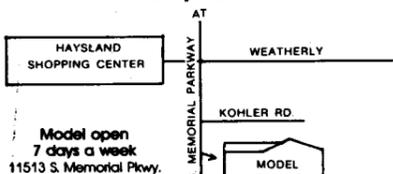
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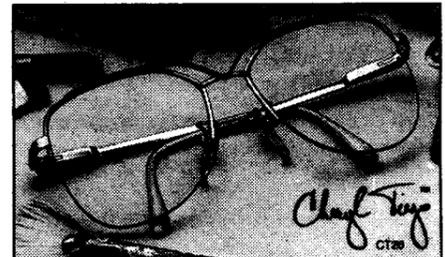
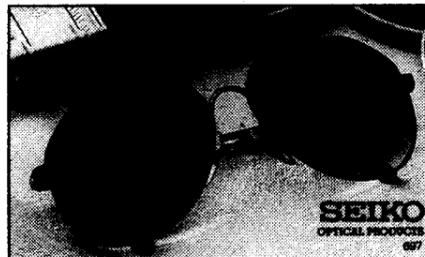
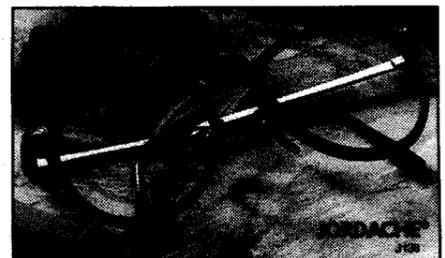
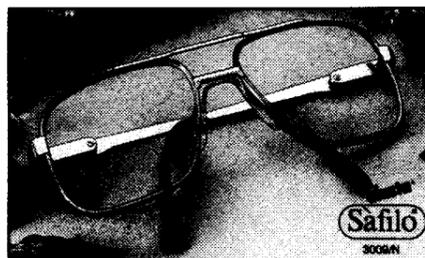
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RR = Pearle Vision Center MNA RR = Pearle Vision Center NNA



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# National awards program recognizes volunteers

AMERICAN FORCES INFORMATION SERVICE  
 Virtue may be its own reward, but a little recognition doesn't hurt. Americans who have made outstanding contributions as volunteers may get that recognition through the President's Volunteer Action Awards Program.

**VOLUNTEER** — The National Center, will accept 1991 nominations from Sept. 1, 1990, through Jan. 31, 1991. You can nominate yourself or someone else.

The competition, which recognizes volunteer contributions to the nation, draws a large DoD audience. "About 200 entries from military people were received in the 1990 competition," said the center's Richard Mock.

The awards program is co-sponsored by his organization and ACTION, the federal agency for volunteer service, in cooperation with the White House Office of National Service. Funding for the

program comes from private corporations and foundations. The program began in 1984.

For more information and nomination forms, call

1-703-276-0542 or write to:  
**The President's Volunteer  
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**INSPECTION:** Anytime Or Join Us Sunday, June 17 & 24 From 1 P.M. To 5 P.M. Maps & Plats Available.  
**DIRECTIONS:** Turn North Off HWY. 69 (5 Mi. From Guntersville, AL And 5 Mi. From Arab) Onto CR261. Follow Signs 4 Miles.

### Sat. June 30th At 1 PM

### EXCELLENT

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On Hwy. 69 Between Guntersville, AL & Arab, AL

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# Army ranks among nation's top patent recipients

WASHINGTON — With 163 patents in 1989, the Army tied with Ford Motor Company for 50th place in a list of top U.S. patent recipients published in the April 30 issue of "New Technology Week."

The Air Force and Navy received 137 and 124 patents to place 64th and 73rd, respectively.

According to Bob Shaw in the Office of the Assistant Secretary of the Army for Research, Development and Acquisition, Army technology advances serve more than just the immediate needs of the Army; many Army patents have applications in the private sector, and some are likely to prove important in future research and development.

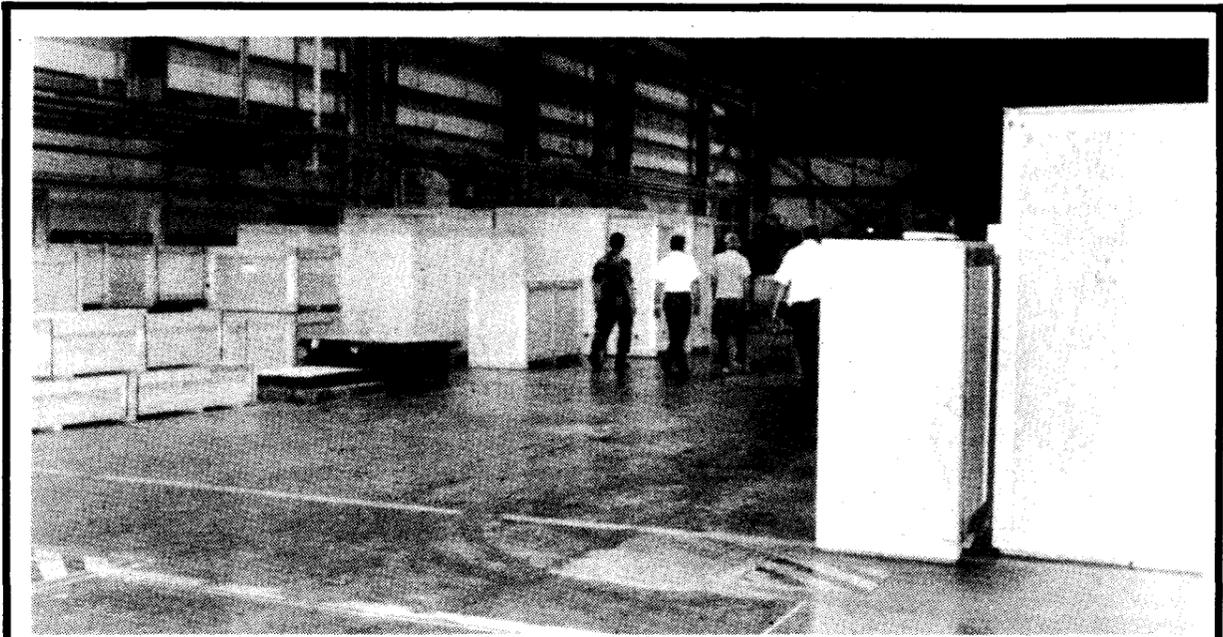
Shaw said important Army discoveries that could benefit civilian industry and the American public include:

- Patented Army research in pursuit of a vaccine for the AIDS virus.
- Advances in helicopter technology by the Army's Aviation Systems Command in St. Louis, Mo. Army developments in rotary-wing flight include helicopter cargo carriers, anti-torque and air-foil designs, and an optical assembly that gives pilots better control over trailing ground lines.
- Developments in air purification and toxic agent detection and decontamination. Shaw said these discoveries, patented in the cause of chemical and biological defense, could also aid in civilian toxic waste disposal efforts.

Many of the Army's patents during 1989 have little to no application to civilian industry, Shaw said, such as improved military parachutes, improved armor and

turret transversing mechanisms, and reduced-weight gun tubes. Others, he said, could prove valuable to future generations — optical computing devices and

super-directive antennae arrays developed by the Army's Missile Command at Redstone Arsenal, Ala., for example. (Arnews)



**PACKED AND READY** — Looking like the final scene from "Raiders of the Lost Ark," crates of Pershing missile training equipment from the Ordnance Missile and Munitions Center and School stand packed and ready to go to their new locations. Some of the equipment will be shipped to Pueblo Depot Activity, Colo., while the rest will go to Anniston Army Depot to be returned to the Army supply system.

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# REWARD \$500

For information leading to the arrest and conviction of the person responsible for the assault and attempted robbery of a Domino's Pizza Driver. The suspect is a white male, in his early 20's with a thin mustache and short black hair. He is approximately 5'6" to 5'7" and 145-160 lbs. The assault and robbery attempt occurred Saturday evening, March 10th at approximately 9:30 p.m. at the Regal 8 Inn on University Drive.

Crime Stoppers is offering up to a \$1000 reward for the arrest of this assailant. If you have any information regarding this crime, please call Crime Stoppers at 53-CRIME. You will remain completely anonymous, and could receive up to \$1500 for helping to solve this crime.

# Ammunition officer takes heavy lifting to the max

BY TAB SHIOTA

"Bullet stacker, BB stacker and ammo humper" are slang names describing the work of the conventional ammunition soldier: lots of physical labor, mainly moving ammunition around.

At least one ammunition officer, Capt. Keith Angles, takes that idea of physical labor to the limit. Angles, 32, of Jacksonville, Ala., won the American Drug-free Powerlifting Association's Alabama State Powerlifting Championship held in Enterprise. The one-day event drew lifters from throughout the state and Tennessee.

Angles hoisted a total of 1,170 pounds to take the title in the 165-pound class. He benchpressed 300 pounds, squatlifted 430 pounds, and deadlifted 440 pounds.

His personal records for each of the three lifts are: bench 345 pounds, squat 450, and deadlift 545.

Angles, a student in the officer advanced course at Ordnance Missile and Munitions Center and School, competes only in *drug-free* matches. These are matches that prohibit use of anabolic steroids by competitors.

"I really believe in drug-free powerlifting," Angles said. "To me, doing drugs to compete in powerlifting just doesn't make sense — putting something into your body that can harm it, while supposedly working on improving your physical fitness. The two just don't go together."

To prepare for this particular match Angles trained five weeks, seven shy of his normal training time. "My training time was short because of the short notice I got about the meet," he said. "But it must have been enough because I came home with the trophy and that's why I compete: I go to win."

Angles has been in the Army for five years; after completing the officer advanced course, he will be going to Explosive Ordnance Disposal school.

His favorite leisure activity is spending time with his family. He and his wife, Patty, have a 2-year-old son, David, and are expecting their second child in September.

Besides weightlifting, Angles enjoys training dogs and is a black belt in hapkido which is a form of karate.



WORKING OUT — Angles works out with a barbell at Pagano Gym.

## FOR RENT

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# Short-term extension program issued for lieutenants

WASHINGTON — The Army will extend more than 850 first and second lieutenants so their records can be reviewed by a projected fiscal year 1991 Conditional Voluntary Indefinite/Regular Army Probationary Board.

Officials at the U.S. Total Army Personnel Command in Alexandria, Va., say Other Than Regular Army lieutenants from year group 1988 who have or will have first lieutenant temporary dates of rank between Oct. 1, 1989, and Sept. 30, 1990, and who have an expiration of current service between Oct. 1, 1990, through July 30, 1991, will be given short-term extensions until July 31, 1991.

"This short-term extension will be automatically 'top loaded' here," says Maj. Lois Faires, a PERSCOM spokeswoman. "Officers who do not desire this extension need to decline the extension through their chain of command in writing to their appropriate career management division at PERSCOM."

Officers who decline the extension will be separated on their original expiration of current service, she adds.

Faires explains that installation personnel service centers will provide a list of the eligible officers to the first colonel in the chain of command. The colonel then will screen the list, counsel the officer and request

removal of any officer's extension because of substandard performance or misconduct.

This request for removal of extension, she says,



**NEGOTIATOR** — Dr. Thomas Patton, right, SDC's arms control-treaty adviser, welcomes to the Strategic Defense Command the deputy U.S. negotiator for the defense and space talks between the U.S. and U.S.S.R. Dr. William Courtney headed a contingent of interagency representatives and members and advisers of the defense and space talks negotiating team who visited the command last week.

must be approved before the officer enters the extension. The appeal authority is the first general officer in the chain of command, and any appeals must be processed before forwarding the request for removal.

"Officers having questions should contact their local personnel service center," Faires concludes. "This information has been provided to the field by military personnel message number 90-167 with a date-time group of 231200 May 1990."

For more information, contact CWO 2 Sutterfield at PERSCOM, Autovon 221-9765.

## Civilian softball

Here are the standings as of June 15:

Team	W	L	Pct.	GB
1. MLC Lasers	9	0	1.000	—
2. TSPO	8	1	.889	1
3. Stallions	7	2	.778	2
4. Hawaiinoids	7	3	.700	2½
5. Smith Adv. Tech.	7	4	.636	3
6. Thiokol-1	7	4	.636	3
7. Aeroheads	6	4	.600	3½
8. Thiokol-2	4	5	.444	5
9. Rads	4	7	.364	6
10. PAD	3	7	.300	6½
11. USAIC	1	8	.111	8
12. Mavericks	1	9	.100	8½
13. TMDE	1	10	.091	9



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of the 1950s to the recent successful flight experiment of the High Endoatmospheric Defense Interceptor (HEDI)—and you have a resumé of proven capability no other contractor can match.

Project after project, we've demonstrated our ability to develop and test complex systems under demanding schedules and cost constraints. For example, the recent Delta 180 series of demonstration/validation flight experiments were initiated just 14 months after go-ahead. We've consistently delivered on time and on price. Our promise: ASAT will be no exception.

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# Announcements

## Support activity news

Education, training, and improved customer services are integral parts of the Army Communities of Excellence (ACOE) Program. "To provide improved service and support to the community, we are canvassing all interested persons — soldiers, civilians and family members — who would like to attend a demonstration of how to make expensive cuts of meat from ordinary inexpensive meat items," states a news release from Redstone Arsenal Support Activity. Kevin Morse, a meat cutter in the Commissary, will use ordinary kitchen utensils in his demonstration. He will also provide cooking tips for best possible uses of these meat items. Capt. George Renison will provide information on recognizing bad cuts of meat and possible spoilage. An approximate number of attendees is needed for scheduling purposes. Interested personnel should call Liz Wilson or Jean Keahey at 876-3946 by June 25. Based on interest, a class will be scheduled. "Your cooperation in this effort is appreciated."

## Chapel events

Frank Roughton Harvey, an actor renowned for his portrayal of biblical characters, will perform at 7 tonight at the Post Chapel. In the monologue "Roman Centurion," the actor presents the drama in military attire. "The Roman Centurion graphically reveals the Roman method of dealing with conquered subjects," states a chapel news release. "The crucifixion of Jesus is described in bold strokes as the Centurion's concept of macho succumbs to real manhood and divinity in Jesus Christ." All are welcome to attend.

## Donations sought

Bridge Ministries is seeking donations of your old (but useable) household goods. Bridge Ministries is a Christian non-profit organization to help ex-inmates of the Alabama prison system make an honest transition to society. A halfway house has been obtained for this purpose in Huntsville and will be ready for occupancy by late June. "We particularly need curtains, linens, blankets, dishes, cookware and utensils, and a clothes washer and dryer." For more information about this organization, its goals and its needs, call Lt. Col. Jack Lawrence 830-6437 after 8 p.m.

## Travel vouchers

The Travel Pay Section is experiencing a five to seven day delay in processing travel vouchers because of the slow responsive time of the system, according to the Finance and Accounting Division. Because of this delay, travelers are requested to limit their on-the-spot settlement vouchers to one voucher, unless it would create an undue hardship. Two legible copies of all supporting documents are required and must be attached to the travel voucher. *Travelers are reminded* that a travel advance can be received up to 10 days prior to their scheduled departure. Therefore, travelers are encouraged to schedule their visits to the Travel Pay Section, building 3619, as soon as practical to avoid long waiting lines, especially on Mondays and Fridays.

## Weight watchers

"Tired of trying to find the time and energy to attend nightly Weight Watchers meetings?" If so, visit building 4722, Rideout Road, for an at-work meeting that is especially designed for working individuals at their place of employment. For more information, call Kym 876-4007.

## Box lunches

The Greek Orthodox Church of Huntsville will be sponsoring a box lunch featuring a large "gyro" sandwich with all the trimmings on Thursday, June 21. Gyro is spiced and seasoned lamb that is slowly roasted and then sliced into pita bread pockets with lettuce, tomato and onion. The luncheon will be carry-out or eat-in and will take place at the parish hall from 10:30 a.m. to 3:30 p.m. Beverages will be available for those wishing to eat in. For quicker pick-up, larger orders should be called in and a pick-up time scheduled. Tickets are available from parishoners or by calling 534-4221 or 851-9749. Proceeds from the sale will go into the church building fund.

## Cholesterol course

Fox Army Community Hospital is offering a short health education course on high serum cholesterol and its long-term effects on one's health. The purpose of this class is educational and no lab testing will be performed. The course includes a discussion on two topics: first, the types of blood cholesterol and their relationship to increased risk of coronary artery disease; and second, the methods to reduce the serum cholesterol levels through lifestyle changes. The two-hour course will be offered for the first time on June 27, and thereafter every fourth Wednesday of the month. The course is available to active duty, retired personnel, their family members, and Defense Department civilians. Seats may be reserved by calling 876-8483, or stopping by the Medical Clinic at Fox Army Community Hospital. For more information call Annie Friend, registered nurse, 876-8483.

## Commissary hours

The Commissary is offering new longer hours on most days to better serve the shopping needs of its patrons. The new operating hours are: Tuesday, 9 a.m. to 7 p.m. (the change is one hour later); Wednesday, 9 a.m. to 7 p.m. (open one hour later); Thursday, 9 a.m. to 7 p.m. (no change); Friday, 9 a.m. to 7 p.m. (open an hour later); Saturday, 8 a.m. to 4 p.m. (open an hour later); Sunday, 10 a.m. to 4 p.m. (change); Monday, closed (no change).

## Lost item

A 22-karat gold bracelet was lost June 5 in the Package Store. If found, a reward will be offered. Call Pat at 880-9426.

## Civil War reenactment

The third annual General John Hunt Morgan Celebration will take place July 14-15 at Burritt Museum. The celebration will include a Civil War living history and skirmishes. An authentic military reproduction camp will be open to the public from 10 a.m. to 5 p.m. Saturday, and 10 a.m. to 3 p.m. Sunday. Military drills and firing demonstration will take place during both days. Skirmishes between Confederate cavalry and Union troops will take place each day at 2. The event is sponsored by the E.J. Jones Camp, Sons of Confederate Veterans and the General John Hunt Morgan Chapter, United Daughters of the Confederacy. The event is to honor Huntsville native General John Hunt Morgan who commanded the 2nd Kentucky Cavalry during the War Between the States. Dismounted cavalry tactics used by Morgan will be featured during the skirmishes. There will be a short tribute with 21 gun salute to Morgan before each skirmish. The event is free to the public. For more information, call 883-5463.

## Dental clinic

The Main Dental Clinic, building 3494, will be closed on July 2 from 7:30 a.m. to 1 p.m. for a change of command ceremony and reception. Emergencies only will be seen at the Fox Army Community Hospital Dental Clinic, building 4100, room 108, (phone) 876-2530/6860 during this time.

## Name that building

Under the auspices of ACOE (Army Communities of Excellence) Program, the Redstone Arsenal Support Activity is conducting a contest to name building 244 — which houses billeting, unaccompanied personnel housing lodging, and guest house operations. This contest is open to all members of the Redstone community. The winner will receive a \$100 U.S. savings bond. July 16 is the deadline for entry. Entries should be mailed in a sealed envelope addressed to AMSMI-RA-PP-ME, Attn: Jean Keahey, and marked "to be opened by addressee only," or delivered to Keahey at building 112, room 220. Each entry will be assigned a control number and marked with the date and time of receipt. The ACOE Steering Committee will select the winning entry by July 23. Presentation of the savings bond will be scheduled for a later date. All entries will be retained for possible future use. Selection of the winner will be based on the idea that is judged to best symbolize the history of Redstone Arsenal. *Names of people will not be accepted.* For more information about the contest, call Keahey 876-4122.

## Community mental health

Community Mental Health Services will be moving to building 3433 on June 25-26. Emergency services will be available on these dates through the ER. Telephone numbers will remain the same: appointments, 876-9085; social work services, 876-9966; family crisis hotline, 876-8000; NCOIC/Psychologist, 876-9859.

## Surplus sale

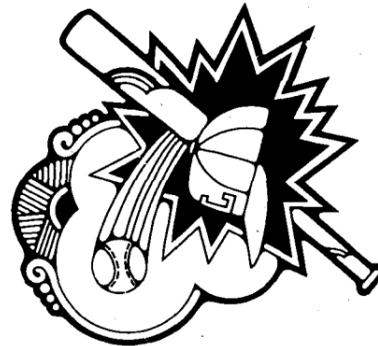
A local spot bid sale of government surplus property will be held June 22 in the Defense Reutilization & Marketing Sale building 7427 on Warehouse Road. Registration starts at 7:45 a.m. and the sale begins at 8:45. Some of the items for sale include computer equipment, filing cabinets, bookcases, desks, electronic test equipment, photographic equipment, electric motor, bed frames and pipe insulation. The items may be inspected from 8 a.m. to 3 p.m. June 20-21, and from 7:45-8:45 June 22. A list of items for sale and additional information will be available during the inspection period in building 7426.

## Movies

Here's the Post Theater schedule; starting times are 7 p.m.: Thursday, June 21 — *Hard to Kill*, rated R, 95 minutes. Friday, June 22 — *The Guardian*, R, 92 minutes. Saturday, June 23 — *Miami Blues*, R, 97 minutes. Sunday, June 24 — *Miami Blues*. Tuesday, June 26 — *Everybody Wins*, R, 97 minutes. Admission is \$1.50 for adults, \$1 for children.

## Post exchange

The post exchange and shoppette will open at noon Sunday, June 24. The delay is because of electrical repairs. Both facilities will close at the regular time.



## Sports festival

Volunteers are needed to help out with the sports festival to be held in Huntsville June 21 through 24. If you can work at the opening ceremony June 22 from 4:30 to 8:30 p.m. at the Von Braun Civic Center or at the track meet June 23 and 24 call Ralph Stone at the Parks and Recreation Office, 537-7426.

## Multicrafts

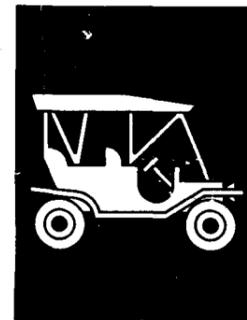
Here's the schedule for the Multicrafts Center for the remainder of the month. June 27, *Double oval mat workshop*, 5 p.m.; *Stencil workshop*, 5:30 p.m.; June 28, *Bandanas of Love applique*, 3:30 p.m.; June 29, *Make-it-and-take-it rigid-wrap jewelry*, 11 a.m. The center is open to all active duty and retired military members, federal civilian employees, family members and guests. For more information call 876-7951 or visit building 3615.

## AUSA meeting

Redstone-Huntsville Chapter of the Association of the United States Army will meet 6 p.m. June 27 at the Officers Club. Election and installation of officers will occur at this general membership meeting. Col. John G. Zierdt Jr., COSCOM commander, 18th Airborne Corps, is to speak on "Support Operations of Hurricane Hugo in the Caribbean, and Just Cause in Panama." For reservations, call Bekye Cristen 880-4500.

## Public affairs careerists

The Public Affairs and Communications Media Career Program, CP-22, is being converted to the new Army Civilian Career Evaluation System. An ACCES briefing will be held 9-11 a.m. June 25 in the Rocket Auditorium. CP-22 employees who are GS-9 and above are encouraged to attend. For more information, call Vickie Gist 876-4580.



## Car show/swap meet

The River City Classic Chevy Club's annual car show and swap meet will be held June 23 (rain or shine) at Point Mallard Park in Decatur. There will be classes for all 1955-57 Chevrolet cars, trucks and Corvettes; free swap meet space (with car registration). Show registration costs \$12 per classic. For more information, call Steve Koelbl 772-0256.



# Carpool Hotline

Call 876-1500 to place your free carpool ad.

## Birmingham

Carpool wanted from Birmingham to Redstone Arsenal, hours flexible. Yvonne Perry 842-7380.

## Arab

Carpool wanted from Arab to SDC/SDC Annex, hours 6:30-3 or 7-3:30. Diane Brown 895-5299.

# classifieds

Federal law makes it illegal to advertise any preference, limitation or discrimination in housing based on race, color, religion or national origin. The REDSTONE ROCKET will not knowingly accept advertising that is in violation of the law, and readers and advertisers are hereby informed that all dwellings advertised in this paper are available on an equal opportunity basis.

According to the Inspector General, the use of office phone numbers in classified advertising is contrary to regulation. Please submit home numbers only.

**FOR SALE:** 1987 Chevy Sprint. Red, 2 door, automatic, am/fm cassette. \$3300. Call 880-9330 and leave message.

**FOR SALE:** 1970 Johnson Runabout. 75 Horsepower, \$1000 or best offer. Call 880-9330 and leave message.

**FOR SALE:** Tan wood furniture (4 ps, sofa, chair, rocker, ottoman, 2 end tables, and coffee table), all of same pattern in good condition, \$400. Golf pull cart, \$15. Esprit III computer terminal, \$25. Call 461-7364 after 4 p.m.

**FREE PUPPIES!** Mother is full-blooded German Shepherd. Father is full-blooded Border Collie. Five and a half weeks old. Two males, five females. Please call anytime. 776-4527.

**FOR SALE:** 1987 Conquest, excellent condition, all leather interior, must sell, \$10,500 or best offer. Call anytime 881-0544.

**MOVING SALE:** Pickup Duratiner, '88-'90 Chevrolet, GMC \$90; Cannon portable video camera, recorder, tuner and power supply belt with battery, \$1050; Justin Boots, 9D, \$40; Nocomo Boots, 9 1/2D, \$60; 2 Johnson 3000 mobile radio/tele units, \$450 each; Two piece sofa-love seat, \$225; Sears 22 cu. ft. refrigerator/freezer with icemaker, water dispenser, two door, \$800; Sears Refrigerator Coldspot 18.5 cu. ft., \$80; Stereo equipment-various; Antique phonograph, \$200, plus much more! All items are in excellent condition, many like new. Call John or Chris 881-3963.

**FOR SALE:** 1977 Toyota Corolla, lift back, 5-speed. Mechanically sound, runs good. Daughter needs automatic transmission, reason to sell. \$600. Call 882-1399.

**FOR SALE:** Solid pine, 4 drawer student desk, 16"x34"x19 1/2" tall, excellent condition, \$70; 3 wireless intercoms, works great, all for \$40; lawn mower with grass catcher, \$20; 225 x 15 Michelin white wall tire on rim, excellent condition, \$25; solid oak bar and cooler for rear of van, \$50; commercial video game, needs repair, \$45; humidifier/air cleaner, \$20. Call 882-0407.

**FOR SALE:** 1977 Camaro, new 350 motor, aluminum intake, 750 dual line double pumper carb; new transmission with shift kit; new rear end with 343 post-traction, new paint - "plum crazy" with turquoise trim; new dark blue diamond interior, 15" Corvette rally wheels. \$4500. Phone 233-2110 (Athens).

**FOR SALE:** Round wood table without chair, small pine green small Oriental rug. Call after 5 p.m. 883-2630.

**New House For Rent**  
3 bedroom, 2 bath with great room, kitchen, dining room, double garage. Beautiful lawn with plenty shade. Red Oak Sub-division on Delynn Drive. \$600 per month. Call 828-4549.

**Vacation Rental**  
Panama City Beach. Brand new condo, fully equipped kitchen, microwave, TV, sleeps 6, REASONABLE RATES. 880-6928.

**A PETTING ZOO**  
music,  
VARIETY  
SHOWS  
MAGICIANS  
ANIMAL  
ACTS  
**PONY RIDES**  
(205) 536-2406

**FOR SALE:** Take over payments on '89 Hyundai Excel GL. Less than 10,000 miles, air, am/fm cassette. 837-5649 after 6 p.m.

**FOR SALE:** 1988 Suzuki 250 street motorcycle, excellent condition, 1600 miles, two helmets included. \$1600. Call 837-4090.

**FOR SALE:** Grammer guitar, 1966 with hardshell case, comparable to Martin D-28, \$750 firm. Classical guitar, student with hardshell case, \$150. Conrad 5-string banjo, with instruction books and case, \$375. 539-9346.

**FOR SALE:** Sailboat. Hunter 25, 3 sails, bimini top, knotHog, depth finder, compass, opening ports with screens, powered marine head, 7.5 HP Mercury, bottom refinished '89, excellent, fully equipped, \$12,500. Call 881-3656.

**FOR SALE OR TRADE:** 1984 Hunter 31 Sailboat, excellent condition, navy blue velvet upholstery, full sail complements, 13 HP Kanmar, low hours, completely self contained. Goran VHF. Will trade for smaller boat. Call 233-8263 or 539-7141.

**FOR SALE:** Waterbed with new king-size full wave mattress, headboard with mirror, \$50. Girl's ten-speed bike, used 4 times, like new, \$60. 1 set Mama San, Papa San water carrier figurines, approximately 20" high, hand-tinted porcelain, \$100. Call 830-4467 for more information.

**FOR SALE:** Sears Coldspot chest freezer, green, 17.2 cu. ft., good condition, \$75. Call after 4 p.m. and weekends 837-6425.

**FOR SALE:** 1985 Kawasaki black and chrome 454 LTD motorcycle with water cooled engine. Quiet and smooth belt driven drive. Less than 10K adult driven miles in excellent condition, plus two matching Nolan safety helmets. \$1150. 536-8292.

**FOR SALE:** 1966 Mustang Fastback, 2 plus 2, 289 with 3 speed on floor, 100 percent restored, candy apple red, red inside, must see! A steal at \$6250 or best offer. 533-0678.

**FOR SALE:** 1987 Ford Bronco II. Eddie Bauer Edition, 47,000 miles, 2.9 V-6 lots of extras. \$8900 (Book value \$9150). 830-6895.

**FOR SALE:** Atari 2600 plus 9 games. Asteroids, Dig Dug, Battletzone, Empire Strikes Back, Pitfall, Mario Bros, Missile Command, Space Attack, and Armor Ambush. \$50. 830-6895.

**FOR SALE:** Loveseat couch, \$50; Trampoline (pad needs repaired), \$20; Small dog house, \$5. Call 895-9991.

**FOR SALE:** Tournament-size foosball table, \$50. 536-6929 or 722-9626.

**FOR SALE:** Wall-to-wall, gray-beige, Stain-Master carpet for 0-6 quarters. 721-0677.

**FOR SALE:** Sears stereo system with 34" speakers. Great condition \$75. 881-3061.

**FOR SALE:** Solid wood front door with frame, 3' wide, hinges on right, door opens to inside, \$70. 828-5162 after 5:30 p.m.

**Free Home-buyers Seminar**  
Join Us & Learn Everything You Need To Know About Buying A Home!  
\* Put \$150,000 in your pocket, not your landlord's!  
\* Tax Advantages  
\* Financing Privileges  
FHA-VA  
Alabama Bond  
Mortgage Credit Certificate Program  
Call Dianne To Register  
539-0643

**Moving Sale**  
This weekend's BIG ONE "Folks".  
Tools, Furniture, Electronics plus. No Clothes. Fri.-Sun. 7-5.  
719 Woodbine Road.

**FOR SALE:** 3.6 cu. ft. dorm refrigerator. Great condition. General electric. \$100. 881-3061.

**FOR SALE:** 1985 Chrysler Laser Turbo, 70K miles, lift, cruise, air conditioning, 5 speed, one owner, never wrecked, excellent condition. 828-5162 after 5:30 p.m.

**FOR SALE:** Signature electric range, avocado green, 30", \$125. Jennair microwave, \$75. Phone 852-3633 after 5, or leave message on machine.

**FOR SALE:** 1965 Chevy SS, 2 door hatchback, bucket seats, 327 cu. in., automatic, new tires, local one owner, original bill of sale, garaged and in excellent condition, \$2150. 1-725-4825 (Grant).

**GARAGE SALE:** Saturday, June 23, 8 a.m.-2 p.m. Tools, toys, clothes, furniture, electronic equipment, lawn furniture, and more. 505 Chicamauga Circle off Mountain Gap in SE Huntsville.

**FOR SALE:** Air conditioner, 220 V, 19,000 BTU. \$215. 830-2891.

**FOR SALE:** Air conditioner, 220 V, 18,500 BTU. \$180 830-2891.

**FOR SALE:** Freezer, 19 cu. ft. \$200. 830-2891.

**FOR SALE:** 1984 Honda Accord, 4-door, 1 owner, good clean condition. \$4200. 776-9125.

**FOR SALE:** Wool Rug, 8 1/2x11, off-white back ground with flowers (blue, coral, green), like new. \$450 firm. 776-9125 or 883-2537.

**ABSOLUTE ONE DAY PATIO AND GARAGE SALE:** 105 Sunswep Circle, Owens Crossroads, June 30, 1990, 7 a.m. to 6 p.m. Antiques, paintings, furniture, China and numerous other items, in excellent condition.

**FOR SALE:** Antique-Oak dining suite with 6 chairs and side board; Antique oak highback rocker; Antique wooden table with enamel top; Sofa and love seat, \$325; Walnut end table, \$35; Brass dining table with glass top and upholstered chairs, \$500; 4 piece bedroom suite, \$300; All items in excellent condition. Call for appointment, 883-4666 between 4:30 p.m. - 8 p.m.

**BOAT FOR SALE:** 1988 Sunbird, 17 ft., deep v. hull, am/fm cassette, 15 gal. tank (stationary), new battery, cooler, 110 Evinrude VRO, power trim and lift, just tuned and lubed. \$7000 or \$153 per month. Call 830-5539.

**FOR SALE:** Arabian horses. Ages 2 to 15 years. Prices range from \$700 to \$1700. Call 881-0511 after 6 p.m. weekdays or anytime weekends.

**FOR SALE:** Boat, 15' Fleetwing trihull walk-thru, 50 hp Johnson, tilt trailer, \$1200. 883-8439 after 5.

**FOR SALE:** 1981 Cadillac Fleetwood Brougham. Blue with blue leather. Beautiful car, loaded with all options, 82,000 miles. Everything works. Sold new for \$19,543. Still looks great and is in excellent mechanical condition. The 1991 model lists for \$32,500. Purchase this one for \$4,295 firm. Serious inquires only please. Phone 837-1064.

**FOR SALE**  
43 acre farm with a fresh water spring and waterfalls. Approx. 12 acres of hardwood timber. Excellent building site, 5 miles south of Fayetteville, TN and 1/2 mile off Ardmore Hwy. 110. Public water available and paved road frontage. Call Mrs. R.D. Honey, (615) 433-1208.

**House For Sale By Owner**  
3 BR, 2 Bath, 1300 sq. ft. Ceiling fans, track lighting, mini-blinds, TVA energy package. 8x8 storage bldg. 4304 Chalet Circle. \$53,500. 536-2888.

**FOR SALE:** 1983 Toyota 4WD pickup, SR-5, five speed, AM/FM stereo cassette, camper shell, very clean, \$4,350. Call Ellis 882-1333.

**FOR SALE:** Carpet and pad, approximately 18x23', cut to fit officer quarters on Skinner Drive. Very good condition, \$200. Call 830-5314.

**FOR SALE:** 1986 Mazda 323 DX, 4 door, beige, air conditioning, am/fm stereo/cassette, Michelin steel-belted radials, 114,000 highway miles, oil changed every 2000 miles, exceptionally clean inside and out, garaged, one owner, never wrecked, runs great. \$3600. 883-2456 or 582-1064.

**Sports Injuries And Arthritis**  
Professional football players often develop traumatic arthritis as early as their twenties and thirties, especially in their knees.  
Thousands of youngsters who play football and other rigorous sports can also develop traumatic arthritis.  
Early care can reduce the pain of this and many other forms of arthritis. Get the facts about arthritis from the Arthritis Foundation.




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- Holiday Rambler
- Winnebago
- Madison Travel Trailer

Serving You With More Since '64  
**MADISON TRAVEL TRAILERS**  
1707 Jordan Lane  
837-3882

**APARTMENTS FOR SALE**  
CHOICE location. Near RSA and PARKWAY CITY off Drake. Owner must sell now. FIND A BARGAIN HERE at 3900-02-04-08-08 Beacon Circle. Drive by these One and Two Bedroom Four-plexes and call for an appointment to see if you can be the proud owner now... Buy 1 - 5 buildings. Live in one unit and get terms same as home, plus tax break. Manage them yourself for most tax advantage. Call William 536-9593.

**FOR SALE:** 1967 Chevrolet SWB custom cab pick-up truck, red, 350, 4 speed, 4.11 rear end, custom interior, great condition! Must sacrifice, \$3500. Phone 882-1814 after 4 p.m.

**FOR SALE:** Female AKC registered Cocker Spaniel puppy. Born April 14th, black. Wormed, first shots, priced for immediate sale at \$125. Can be seen on the Arsenal by calling 830-0167.

**FOR SALE:** 1964 Chevy Impala, two door, hard top, rebuilt 350cc engine, power glide transmission, new upholstery and rear end, stereo, headers. Asking \$2,200. Must see to value. Call 859-6146.

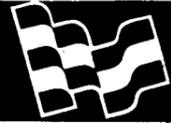
**FOR SALE:** Pioneer single cassette tape deck, \$50 (older sturdy model). Akai turntable (new), \$75. Wood ceiling fan, \$15. Air conditioner (in storage, for 2 years), \$150. Call 721-0604 after 5 p.m.

**MOBILE HOME LOTS**  
New subdivision. Harvest/Toney Area. Convenient to Arsenal and Madison. Large lots with trees, paved streets, septic tank, power, water, school bus, etc. Nice, private subdivision. 34 lots. Total price — \$9500. Good financing. Some restrictions.  
**Fred Aldridge, Proprietor**  
**534-5565**

**HOW TO PLACE A REDSTONE ROCKET CLASSIFIED AD**  
The REDSTONE ROCKET provides the ROCKET CLASSIFIED section as a FREE service to active duty military personnel and army civil service personnel. These FREE classifieds are limited to personal items for sale only, to include yard sales, animals, household items, automobiles, clothes, lost and found items, etc.  
**REAL ESTATE IN ANY FORM, BUSINESS, AND "FOR PROFIT" DO NOT QUALIFY FOR THIS FREE OFFER.**  
To place a ROCKET CLASSIFIED ad:  
Type or legibly print a brief description of what you want to sell on an 8 1/2 x 11 inch piece of paper (no 3 x 5 cards or torn paper will be accepted).  
Only home numbers will be listed in the advertisement. No office phone numbers will be accepted. Sign the ad, and list the following identification: Building number, badge number, and work phone.  
The deadline is 5 p.m. on Friday before the Wednesday publication. FREE ADS will run for one week only. You may resubmit them.  
Real estate classified ads for civil service and active duty military personnel is \$5.75 for 20 words or less, and .06 for each word thereafter. To place a real estate classified follow the instructions above for FREE classified ads, and enclose a check, money order, or a VISA or MC number with expiration date, sign your name under these numbers. The Redstone Rocket does not bill classified advertising, nor do we accept classified advertising over the phone. No work numbers are permitted in advertising of Arsenal Personnel, home phone or off post numbers only may be submitted.  
**FOR COMMERCIAL CLASSIFIED RATES CALL 539-3980.**  
The Redstone Rocket will not accept any classified ads by telephone.  
The Redstone Rocket is not responsible for typographical errors or for omissions in FREE CLASSIFIED ADS. Classifieds will be published as space permits. First come, first served basis.  
If you submit more than one classified at a time, place each one on a separate piece of paper.  
Mail Rocket Classified ads to: Sara Grant & Associates, Attn: Redstone Rocket Classified, P.O. Box 5351, Huntsville, Alabama 35805.



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**QUALITY AUTO PARTS at**  
**10% to 50% OFF**  
**Manufacturer's Suggested List**  
**EVERY DAY!**  
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**THE OFFICIAL AUTO PARTS**  
**AND SERVICE STORE OF**  
**NASCAR.**

<p><b>AC Oil Filters Now...</b> Available for most U.S. and import cars. <b>2.27</b> Each</p>	<p><b>Tough One Batteries... Built Tough By DELCO!</b>                  Tough One 45-Month <b>19.88</b> Each... After 3.00 Rebate                  Tough One 65-Month <b>29.88</b> Each... After 5.00 Rebate                  Tough One 75-Month <b>39.88</b> Each... After 5.00 Rebate</p>	<p><b>DieHard Battery</b> America's No. 1 Selling Battery. To 650 C.C.A. <b>59.97</b> With Trade Installed FREE</p>	<p><b>DieHard Gold Batt.</b> Full 72 month Warranty. To 900 C.C.A. <b>79.97</b> With Trade Installed FREE</p>	<p><b>AC Brand Spark Plugs</b> Standard and resistor plugs at one price. Limit 16 plugs. <b>89c</b></p>												
<p><b>Monro-Matic Shock</b> Best seller! Limited life-time warranty. <b>9.97</b> Carry-out INSTALLED...14.97 Each</p>	<p><b>Monro-Matic Plus</b> Gas-charged. Limited life-time warranty. <b>14.97</b> Carry-out INSTALLED...19.97 Each</p>	<p><b>Monro Gas-Matic</b> Gas-charged. Limited life-time warranty. <b>17.97</b> Carry-out INSTALLED...22.97 Each</p>	<p><b>XT-60 Gas Truck Shock</b> Gas-charged. Limited life-time warranty. <b>18.97</b> Carry-out INSTALLED...23.97 Each</p>													
<p><b>Valvoline Motor Oil</b> SAE 30, 10W/30 or 10W40. Qt. <b>59c</b> Rebate...-.25 After Rebate Limit 12 Qts. at Sale Price</p>	<p><b>SIMONIZ Wax</b> Your Choice! Deep cleaning or non-abrasive. Ea. <b>3.77</b> Each 73-7221,2,6,9</p>	<p><b>ESPREE Wheel Clnrs.</b> Mag, wire or wheel magic. 20 oz. size. <b>2.97</b> Each 73-4812,13,45</p>	<p><b>BONDO Q. Body Filler</b> With hardener. Lightweight. Qt. 73-4602-6 <b>3.97</b></p>	<p><b>DUPLI-COLOR Spray Primers</b> 13 oz. spray. Black, red or grey. Sandable. 73-1405-07 <b>1.97</b></p>												
	<p><b>PRESTONE Trans Leak</b> 15 oz. pour. Stops Trans. seal leaks. Limit 2. 78-3084-7 <b>1.97</b></p>	<p><b>STA-LUBE Power Steering Fluid-16 oz.</b> For most cars. 78-3081-82 <b>99c</b></p>	<p><b>GUMOUT Carburetor Cleaner</b> 12 oz. pour bottle. Limit 2. 78-6947-2 <b>1.37</b></p>	<p><b>GOOP Hand Cleaner</b> 14 oz. tub. Cleans fast. 78-6900-1 <b>97c</b></p>												
<p><b>CHECKERED FLAG AUTO SERVICE!</b></p>	<p><b>Computer Wheel Alignment Low As...</b> • For Many U.S. cars <b>19.88</b> • Front Wheels</p>	<p>• Set caster, camber &amp; toe settings to manufacturer's specs. Check suspension for stability • Inspect brakes, shocks &amp; struts. • We Use MOOG Front End Parts* Thrust Angle...27.88 Total 4 Wheel...37.88 Most vehicles. Parts &amp; labor for rear shims extra. Light Trucks and Vans...\$10.00 Extra</p>	<p><b>Gas-Matic Struts and Cartridges</b> FRONT STRUTS ONLY! Carry-out Installed <b>MONROE</b> Each Pair</p> <table border="1"> <tr><td>Chrysler Struts</td><td>29.99</td><td>89.88</td></tr> <tr><td>GM Struts</td><td>39.99</td><td>109.88</td></tr> <tr><td>Ford Struts</td><td>44.99</td><td>119.88</td></tr> <tr><td>Monroe Cartridges</td><td>24.99</td><td>79.88</td></tr> </table>	Chrysler Struts	29.99	89.88	GM Struts	39.99	109.88	Ford Struts	44.99	119.88	Monroe Cartridges	24.99	79.88	<p><b>CASTROL Automatic Transmission Fluid</b> Dexron II or Type F. Qt. <b>97c</b> 37-3074.75</p>
Chrysler Struts	29.99	89.88														
GM Struts	39.99	109.88														
Ford Struts	44.99	119.88														
Monroe Cartridges	24.99	79.88														

**EXCEPTIONAL VALUE!**  
**SPECIAL PURCHASE!**  
**ALL-SEASON RADIAL**  
**55,000 MILE WARRANTY**

ALL 13 IN. TIRES	<b>28.97</b> Each
ALL 14 IN. TIRES	<b>39.97</b> Each
ALL 15 IN. TIRES	<b>43.97</b> Each

**6 MONTHS FREE RIDE!**  
 \*No Payments. Plus No Interest Charges on qualified Total Charge tire purchase of \$400 or more. 90 Days same as cash with tire purchase of \$200 or more. Details in store.  
 †Tread designs may vary from illustrated. Limited tire warranty for miles specified. Details in store.

30,000 MILE Deluxe All-Season		
4 TIRES FOR P155/80R13	<b>\$69</b>	
SIZE	EACH	SET OF 4
P155/80R13	17.25	\$ 69
P165/80R13	21.25	85
P175/80R13	22.00	88
P185/80R13	23.25	93
P185/75R14	24.25	97
P195/75R14	25.50	102
P205/75R14	26.75	107
P205/75R15	28.25	113
P215/75R15	29.50	118
P225/75R15	31.25	125
P235/75R15	32.75	131

16-8600 series

40,000 MILE Steel Belted Radial		
4 TIRES FOR P155/80R13	<b>\$97</b>	
SIZE	EACH	SET OF 4
155/80R13	24.97	\$ 97
165/80R13	27.97	110
175/80R13	29.97	118
185/80R13	30.97	122
185/75R14	32.97	130
195/75R14	33.97	134
205/75R14	34.97	138
215/75R14	35.97	143
205/75R15	36.97	146
215/75R15	37.97	150
225/75R15	39.97	158
235/75R15	41.97	166

16-8000 series

60,000 MILE Ultra 775 All-Season		
4 TIRES FOR P155/80R13	<b>\$137</b>	
SIZE	EACH	SET OF 4
P155/80R13	34.25	\$137
P165/80R13	38.25	153
P175/80R13	39.00	156
P185/80R13	42.25	169
P185/75R14	41.25	165
P195/75R14	42.50	170
P205/75R14	43.75	175
P215/75R14	44.75	179
P205/75R15	45.25	181
P215/75R15	46.50	186
P225/75R15	48.25	193
P235/75R15	50.75	203

16-9100 series

**COMPACT/IMPORT CAR RADIALS**

Western Auto Deluxe Sport Radial 30,000 MILE	Western Auto Custom Metric Sport Radial 40,000 MILE	Western Auto Ultra Sport Metric All-Season Radial 50,000 MILE
155SR12 24.97	155/SR13 30.97	155/SR13 35.97
155SR13 26.97	165/SR13 32.97	165/SR13 38.97
165SR13 27.97	165/SR15 38.97	175/SR14 38.97
175/70SR13 28.97	175/70SR13 34.97	185/TR14 40.97
185/70SR13 30.97	185/70SR13 36.97	175/70TR13 37.97
185/70SR14 32.97	185/70SR14 38.97	185/70TR13 39.97
	195/70SR14 38.97	185/70SR14 41.97
	195/70SR14 40.97	195/70TR14 42.97
		205/70TR14 44.97

16-5700 series      16-8700 series      16-9700 series

**OUR BEST RADIAL TIRE!**

**Ultra 770 All-Season Radial**

- 65,000 MILE Warranty
- Smooth Ride
- Responsive Handling
- Speed Rated

**44.97** P175/70SR13 \*BW 16-9200 series

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**MICHELIN XA4**  
 • For domestic and imported cars  
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 • All-weather radial performance  
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Western Auto Performance Radial GT All-Season 40,000 MILE	Goodrich Radial T/A Speed Rated All Season Radial	Western Auto Sport King Steel All-Season Radial 40,000 MILE	Western Auto Sentry Radial All-Terrain 40,000 MILE	GOODYEAR Wrangler Steel Radials Excellent Traction Traction
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