

# Redstone Rocket

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## Workers with job problems urged to talk to their boss

Joe, a civilian worker, has a problem. He believes he's doing more than his share of the work in the office while others sit back and do nothing.

He takes his complaint to the inspector general. The first thing he gets asked there is: "Did you tell your supervisor?" No, Joe answers, contending that his supervisor can't help him.

The inspector general staff hears this a lot. Instead of telling their supervisor about a problem, many civilian workers go to the IG.

"You've got to give that supervisor the chance to help," said SFC Gary Miller, noncommissioned officer in charge at the Missile Command's Inspector General office. He estimates that 80 percent of the requests for help probably would have been taken care of if the workers had gone to their supervisor.

"The employee has got to be able to trust that supervisor," Miller said. Common things he hears from workers include fear of repercussions, belief that their supervisor doesn't care, and a suspicion that they will be labeled "whistle blowers" or troublemakers.

This is a two-way street, according to Miller. "The supervisor's responsibility in this area, I feel, is to take care of his people and help them in anyway he possibly can with anything that's job-related."

### Types of complaints

Problems brought to the IG cover a full range of personnel disputes— everything from requests for help in restoring leave to alleged mismanagement. These are in addition to other type cases brought to the inspector general. For example, a soldier may have left for Europe and left his family without support; or there may be a problem with household goods being shipped overseas.

"We don't turn away anybody" who comes in with a complaint and needs help, according to Miller. "The IG is here to help if they can't get help anywhere else. We're here if the 'system' breaks or if there's any problem with the system." He added that many people may not be aware of other avenues available such as the management-employee relations division of the civilian personnel office.

### Taking care of people

Maj. Harley Harben, the deputy inspector general, believes that many intermediate-level supervisors (including the section chiefs, branch chiefs and division chiefs) "don't have any training on how to take care of the people that work for them." They may know all about accomplishing the mission but not about motivating their people, Harben said. He gives an ex-

ample of a supervisor who makes an unpopular decision without offering an explanation to the workers. The supervisor was wrong for not explaining the action then the workers were at fault for not confronting the boss with their concerns, Harben said.

"The bottom line solution is the supervisors have got to be aware of their employee needs and have got to consider taking care of their employees just as important as taking care of their mission," he said, adding that there are a lot of good supervisors.

"I would say the majority of our civilian employees' complaints are things that should've been rectified in the individual's organization, and in fact end up getting rectified in that individual's organization," Harben said. He would much rather be contacted by a supervisor who is looking for help after trying to resolve a worker's problem.

## Supervisors need 'open-door policy'

Communication between supervisors and their workers is important, according to a worker who served as a supervisor until the contracting out of Redstone Arsenal Support Activity.

"Anytime one of the employees had a problem, whether it be personal or job-related, it became my problem," said Carole Hunt, who supervised the household goods branch of transportation division from 1982 through Sept. 30, 1985. She would listen to the worker and try to resolve the problem, she said.

"Regardless of whatever type of problem or situation it was, that employee was not giving his all; I was

not getting my full potential from him if he had a problem," explained Hunt, who has worked at Redstone for 22 years. She believes supervisors should keep an "open-door policy" and listen to their workers.

Hunt, a traffic management specialist in RASA's transportation division, said she supervised "a super group" of workers. "We were just one big family."

Her job now is to oversee the contractor's performance and "we keep open communications here with the contractor people."

"The main thing with being a supervisor is the communications," Hunt said.

## Servicemembers based overseas receive increase for cost of living

WASHINGTON— Servicemembers stationed in Germany, Spain, Okinawa and Japan received an increase in their cost of living allowance, effective March 1.

The increase, announced Feb. 27 by Dr. David J. Armor, principal deputy assistant secretary of defense (force management and personnel), covers all military ranks. Here is the text of the announcement, delivered at a special press conference:

"Good afternoon. We have called this press briefing to discuss actions taken by Secretary Weinberger to help our overseas members cope with the declining dollar situation.

"The decline of the dollar against many foreign currencies is a well-known problem by now. The situation is most critical in Europe, where in some countries the dollar has declined by 40 percent in the past year and a half. This decline has hurt many of our military families and members in these countries, particularly those who rely on the local economy for housing, food and other services.

"Over 90 percent of our overseas military members are stationed in eight countries, shown on the first chart (West Germany, Japan, Korea, United Kingdom, Philippines, Italy, Panama and Spain). Over half of these members are in Germany alone.

"The second chart shows the size of the most recent currency declines in these countries. As you can see, the dollar decline is most severe in Germany, Japan, Italy and Spain. The decline in Germany is even worse if we go back to 1985.

"Exchange rate fluctuations are not new problems, and some years ago the department created two programs that are designed to prevent adverse impacts on our military members. The first is the COLA program, which is designed to keep the non-household purchasing power of overseas personnel comparable to their counterparts stateside. The second is the overseas housing allowance effort, which reimburses members

for the cost of housing on the economy up to a specified level.

"These programs have worked well over the years, as demonstrated in the third chart. This chart illustrates the purchasing power of a person in grade E-5 with two family members in Germany.

"Even though the COLA prevents members from falling below stateside purchasing power, the relative drop in the dollar is nonetheless difficult for those who depended on its higher levels in 1985—86.

"Secretary Weinberger has become increasingly concerned about the declining dollar situation, and several weeks ago appointed a senior-level review team to examine the problem and recommend solutions.

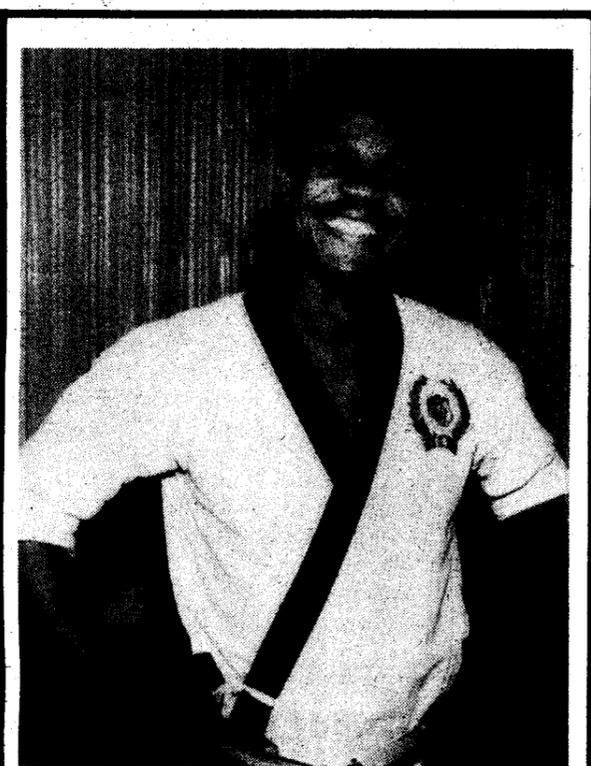
"The team made its report, and the secretary has announced the following plan of action:

- "First, he has directed the adoption of an updated U.S. household expenditures table, on which the COLA computation is based. This will raise the COLA payments for all overseas members and make their purchasing power more comparable to what it is for their stateside counterparts.

- "Second, he has authorized a program to allow non-sponsored family members to return to the United States using high-priority space-available travel on military aircraft. Eligibility for this program will depend upon demonstrated need, as determined by local commanders, and will apply only to members in Germany, Japan, Italy and Spain.

- "Finally, he has asked each of the services to improve command information and education programs on the problem of fluctuating foreign exchange rates and on how the overseas allowance programs are designed to alleviate that problem." (Arnews)

(Editor's Note: Based on tentative figures, the increase in COLA amounts to a 10-20 percent increase, depending on a soldier's base pay; for an E-6, over six years' service, married with one child this amounts to \$14 per month.)



**EXPERT** — Sgt. Phil (Speedy) Suttle of HHC has been involved in martial arts since age 6. A fifth degree black belt, he hopes to be selected for an All-Army team in Taekwondo. The sport has been approved for competition in the 1987 Pan American Games and the 1988 Olympics. For more on Suttle and his hobby, see the story and photos on pages 10 and 11.

# Army continues its interest in space — the final frontier

*Editor's Note: This is part of an Arnews series on the Army's role in space.*

**WASHINGTON** — The Army in space? Many people raise that question without first considering the Army's history and current dependence on space for long-haul communications, weather information, mapping, navigation, and surveillance support. More important, they fail to perceive the importance of space systems in satisfying the ground combat requirements that are at the core of the AirLand Battle doctrine—the absolute need to see deep so we can strike deep.

In a related vein, many of these same people are simply unaware that about 33 percent of the fiscal year 1987 budget for the Strategic Defense Initiative Organization is being executed by the U.S. Army Strategic Defense Command on research for strategic defense. A look back at the Army's efforts in space will help clarify the Army interests in space today, explain how the current management structure evolved, and provide a perspective for future activities.

## Historical antecedents

The Army always has been at the forefront of our nation's frontiers, and space is no exception. Over the past 40 years, the Army has been an active participant across the broad spectrum of space and space-related activities. At the end of World War II, the Army conducted "Operation Paper Clip", bringing Wernher von Braun and more than 125 other rocket scientists and technicians from Germany to the United States.

The expertise provided to the Army by von Braun and his associates marked the formal beginning of the Army's space research and development effort. These men formed the nucleus of the Army team that built America's first working modern rocket (the Redstone), built and launched America's first satellite (the Explorer I aboard the Army's four-stage Juno rocket), and initiated development of the Saturn launch vehicle used in conquest of the moon. Early efforts also included development of the Jupiter-C intermediate range ballistic missile, the world's first active communications satellite (Project SCORE in 1958), some of the first moon probes and several geodetic satellites.

The Army Map Service and its successor, the U.S. Army Topographic Command, were deeply involved in making maps of the moon that were used by American astronauts during the Apollo program and in support of other projects of the National Aeronautics and Space Administration. While maps made by the Army ensured safe landing for our astronauts on the moon, the U.S. Army Corps of Engineers was largely responsible for building most of the NASA facilities for launch, test and research. This early work highlights the Army's interest in exploiting space communications, navigation, mapping, engineering and surveillance—an interest which grew throughout this period.

Several decisions at the end of 1958 changed the Army's role in space, reined in overall military space efforts, and established a national space program with NASA in the lead. In December 1958, NASA assumed responsibility for two major Army space programs—the U.S. Army Ballistic Missile Agency's launch vehicle program (under von Braun) and the Jet Propulsion Laboratory in Pasadena, Calif. Later, the

Air Force was given the Jupiter-C IRBM program and the responsibility for developing and deploying the intercontinental ballistic missile. These moves established the Air Force as the primary military space player and resulted in NASA's receiving the majority of funding and attention. The secretary of defense decided that the Army would retain proponentcy for ballistic missile defense, based on progress with its Nike-Zeus system.

## Ballistic defense

With certain DOD decisions in the early sixties, such as that to create the Defense Communications Agency, the Army's role in the development of satellite systems also diminished. Having been a pioneer in the development of launch vehicles and satellites involving control of considerable resources, the Army now became a user of systems developed and controlled by other agencies and services. The Air Force and Navy continued to pursue and fund space systems to support their requirements. Meanwhile, the Army continued to develop BMD systems until the early seventies, when the ABM treaty and cancellation of the Safeguard system led to the conversion of ballistic missile defense from an operational activity to an R&D program. At a later date the Ballistic Missile Defense Program Office was created as an element of the Army's Office of the Chief of Staff to oversee BMD research and development.

At the same time, the Army took the lead in a new space program: the Tactical Exploitation of National Space Capabilities Program, which began in 1973 and

has continually expanded in importance. The program provides the means by which national-level systems support the battlefield commanders. An extremely successful program, it is overseen by the Army Space Program Office, which receives direction from the Army Staff.

When the U.S. Air Force Space Command was formed in September 1982, the space functions and responsibilities on the Army staff remained divided on a functional basis among the Office of the Deputy Chief of Staff for Operations and Plans; the Office of the Deputy Chief of Staff for Research, Development and Acquisition; the Office of the Assistant Chief of Staff for Intelligence, and the Office of the Assistant Chief of Staff for Information Management. Highly specialized functions were being handled by ASPO and BMDPO officials.

The Army Staff did not have a single focal point for space to address questions of policy, concepts and requirements brought about by actions to put into practice the Airland Battle Doctrine, to pursue strategic defense and to help establish a unified command for space with an Army component. Nevertheless, the use of space systems not only improved the Army's ability to conduct ground operations but also expanded to the point where combat capability could be seriously degraded if the systems were not available—especially in the areas of long-range communications, weather, surveillance and battle management. To seize these new opportunities, and to provide guidance for the development, integration, and operation of space systems, the Army in 1983 began to ensure appropriate staff interaction and planning. (Arnews)



## Caulkers/patchers

**Editor:**

This is a letter of warning to all of you out there who are apprehensively waiting to have the new siding and windows installed on your buildings. We put up with the noise and confusion when the windows were torn out and replaced with block walls and smaller windows. Despite all the plastic laid around by the contractor, our offices and classrooms became dust-choked disaster areas. We endured all the drilling and hammering while the siding was being put up and we were trying to conduct classes. But now we are having to tolerate almost daily interruptions as the contractor's people scurry about patching and caulking all the cracks and leaks that have become obvious in the new walls.

The present situation isn't bad enough—now we have discovered that many of the windows won't stay up. So be sure that you have a good supply of sticks available to use as props. Of course using sticks to prop the windows open will ruin the rubber seal on the bottom of the window, so you can expect them to leak somewhere in the future. We asked the contractor why the windows wouldn't stay up. He said it was because the Army had opted to buy the cheaper \$200-class window, as opposed to the \$400-class window, so we shouldn't expect better performance. I don't think there is a window in my entire house that cost \$200—and they all stay up.

Yesterday, the "caulkers and patchers" came back in our office one more time. They caulked the corners, filled some holes around the window again and wiped their hands in a brand new wastebasket. There are now two huge gobs of caulking material hardening on my trash can. Then they put some kind of cement patch all across the top of the new block wall—again. I guess they shouldn't have painted it while the rain was seeping through. Now I have chunks of patching material and several pounds of cement dust scattered over and through my stacks of books, filing cabinet and a box of TV tapes. I especially took note of the way they had used my new bookcase as a work platform. It now has footprints in the top from the ground-in patching material. I sincerely hope this isn't typical performance on the part of facility repair contractors. We

have a new gang coming in on Monday to begin renovation on the inside of the building. Talk about your apprehension.

**Robert M. Ford**  
Professional Development  
Education Department

## Hiring program

**Editor:**

This letter is in response to an article published in the *Redstone Rocket* on Feb. 18 of this year. In the article "Hiring program tries to help the disadvantaged," the statement was made that "unlike many hiring programs, the worker-trainee program is designed to give preference to candidates with the least amount of education and experience." This statement is probably true in most cases, however, as with any governmental program or anything else, there are bound to be abuses. It seems strange to me that someone working on a college degree, who held more than one "good" job, and who has relatives in influential Redstone positions should be classified as disadvantaged. Do not misunderstand, in the face of new federal cutbacks that would make it more difficult for the truly disadvantaged to obtain the education required to fill many positions in the federal sector, I think the program, if administered properly, is wonderful.

Name withheld by request

## Sign your letter

Letters will not be considered for publication in the *Redstone Rocket* unless they are signed and contain an address or phone number for the writer. Names are withheld on request but unsigned letters will not be used. Send letters to: *Redstone Rocket*, AMSMI-IN.

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# OMMCS reception center reopens with face-lift

BY CINDY WATSON

The reception center at the Ordnance Missile and Munitions Center and School has reopened after being renovated.

A \$191,000 face-lift at building 3209 began last summer. Holmes & Narver/Morrison-Knudsen, the base support contractor, and Southerland Construction Company, of Baileyton, Ala., did the construction work.

Metal encapsulation and insulation plus energy-efficient windows were installed on the World War II era building. Ceilings, walls and floors were replaced; and new office spaces were made.

This is just one example of the renovations taking place on post. In 1985 a project called Building Energy Reduction Management Strategy (BERMS) began in an effort to standardize older buildings and ensure energy conservation. The project will be about 90 percent complete by the end of the fiscal year, according to Facilities Engineering.

The BERMS project, contracted to Southerland Construction Company, includes reducing the size of windows, replacing old windows with newer thermal-type, and insulating outside walls of the buildings. Metal siding is put over the insulation to conserve more energy.

Total projected cost of the project is \$13.5 million, according to Facilities Engineering. The 25-year budget



**ENERGY EFFICIENT** — Insulation and new siding are among improvements to building 3209, the reception center.

dollar savings in maintenance and energy cost avoidance is said to be almost \$24 million.

The reception center provides processing for incoming or outgoing soldiers of the 832nd Ordnance Battalion. It offers transportation, supervision and ac-

counting of personnel from beginning to end of processing. The center also provides appropriate personal, medical and financial assistance.

A reopening ceremony and tour was scheduled for Monday, March 2.

## Redstone's outstanding blood donors honored at coffee

Blood donors from the Redstone community were honored during an annual awards coffee for the American Red Cross Blood Program here last week.

Awards were given to 20 organizations for most donorship and participation in the program. Special recognition was given to 17 individuals who had donated eight gallons or more.

Master of ceremonies for the program was Col. James Hall, commander of the Redstone Arsenal Support Activity.

"The installation's donation represents approximately 40 percent of the total Madison County monthly donation. During 1986, the Redstone Arsenal community donated 8,639 units, and this was slightly under the previous year," Hall said, adding that Ruth Miller, the installation blood program coordinator, had done an outstanding job.

Guest speaker for the program was Judy Cameron, director of laboratory and product management, Northern Section, Alabama Region of the Red Cross.

Cameron gave the audience an idea of what happens to the blood they donate once it has been collected.

She reminded everyone that blood is actually a complex tissue, and that a blood transfusion is actually a tissue transplant. "It was the first tissue transplantation from one individual to another," she said.

Cameron went on to explain blood component derivation, and the uses for the components the Red Cross laboratory produces.

"You see us on news shows on holiday weekends acting nervous. That's because we may not have enough platelets. They're only good for five days," she said. Platelets are blood components which cause blood to coagulate. They are given to cancer patients who have lost platelets in their blood as a result of chemotherapy, and to other patients who for some reason or other have developed bleeding problems.

The laboratory also produces the protein which is missing in the blood of hemophiliacs, Cameron said.

"We also produce red cells, the backbone of the lab. They're good for 42 days. Most transfusions are red cells. They're used for anemia," she said.

Brig. Gen. John Drosdeck, deputy commander of the Missile Command, awarded trophies and plaques to organizational elements for their participation in the program. Organizational winners for donorship included the Human Engineering Detachment of the Research, Development and Engineering Center, 1-50 category; Management and Administrative Control Office, Redstone Arsenal Support Activity, 51-100 category; Missile Systems Readiness Directorate, 101-200 category; a two-way tie between the Product Assurance Directorate and the Finance and Accounting Division, 201-400 category; Missile Logistics Center, 400 and over category; and Morton Thiokol Corporation, contractor category.

Individuals recognized for donorship included John Norris, Community and Family Activity, 15 gallons; Ray Huffman, Intelligence and Security Directorate, 14 gallons; Melvin Smith, Missile Logistics Center, 14 gallons; Gordon Perry, Missile and Space Intelligence

Center, 14 gallons; Charles Bradburn, Missile and Space Intelligence Center, 13 gallons, four pints; Keith Finley, Missile and Space Intelligence Center, 13 gallons; Phillip Kirby, System Engineering and Production Directorate, 13 gallons; William Gross, System Simulation Directorate, 12 gallons, three pints; James Kerr, System Engineering and Production Directorate, 11 gallons, seven pints; Leonard Jones, Directorate of Logistics, RASA, 11 gallons, four pints; Bob Newman, Missile Logistics Center, 11 gallons, one pint; Keith Fowler, Legal Office, 11 gallons; Burt Dempsey, Missile Logistics Center, nine gallons, five pints; Robert Angus, Missile Logistics Center, nine gallons, three pints; Jim Windham, Pershing Project Office, nine gallons; Alfred Wayden, Systems Engineering and Production Directorate, eight gallons; and Winslow Hill, Legal Office, eight gallons.



**BLOOD EXPERT**— Judy Cameron tells workers how the blood they donate is used by the Red Cross.

## Household items to be sold here

Redstone will be the place to shop for household items on March 14, according to the Directorate of Community and Family Activities.

An excess property sale that day will include such items as beds, dressers, chairs, bar stools, night stands, stereos, a barber chair, tables, cocktail lounge items, cash registers, pool furniture, patio furniture, and kitchen items.

"I know we have a lot of stuff that may be of interest," said Stuart Soffer, chief of services division at community and family activities. He said there are "at least five years worth" of items left in the warehouse.

The sale will be conducted at 10 a.m. Saturday, March 14 at building 7232, off Redstone Road. "Take

(See Items cont'd on Page 4)

	Huntsville's Favorite Since 1959 <b>TERRY'S PIZZA</b>		<b>TRY HUNTSVILLE'S BEST PIZZA COMBO!</b> 14" CHEF'S SPECIAL Pizza with a pitcher of Coke, tea or beer. <b>ONLY \$8.95</b> EAT IN ONLY With Coupon Only Not Good With Other Coupons Expires 4-30-87	<b>STARS SPECIAL</b> An extra large 16" pizza with sausage, pepperoni, and Canadian bacon, with 3 16 oz. Pepsis. <b>\$9.95</b> (A \$13.35 Value) EAT IN • TAKE OUT DELIVERY (Limited Delivery Area) With Coupon Only Not Good With Other Coupons Expires 4-30-87
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# Worker badly hurt in collision with Army bus

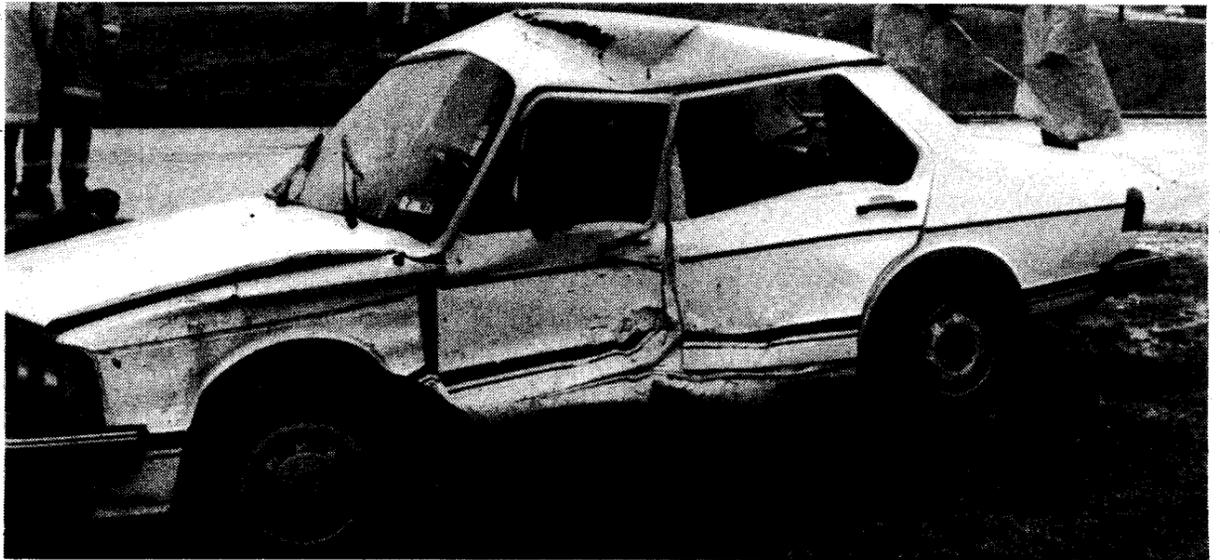
An Army civilian worker was injured critically in a wreck that occurred here Thursday at a rain-slick intersection.

Gordon Woodruff, 39, a technical writer with Missile Logistics Center, was flown by helicopter ambulance to Huntsville Hospital after his car was hit broadside by an Army bus transporting members of the 95th Maintenance Company to lunch at a military dining hall.

The bus was traveling north on Mills Road when it hit the car at the Martin Road intersection. Military police took statements from those on the bus and an eyewitness motorist.

The driver's side door of Woodruff's Volkswagen Jetta was pushed nearly into the passenger's seat by the impact. Ambulances from the Army hospital and NASA dispensary responded but a "med-flight" helicopter was called to transport the victim to the hospital. The accident occurred at 11:25 a.m. Woodruff, an Arab resident, was alone in the car.

The driver of the bus, Sp4 Giovanni Ignacio, was not injured nor were the seven passengers. The bus was not damaged.



**HIT BY BUS** - Gordon Woodruff of Missile Logistics Center was struck by an Army bus at the intersection of Martin and Mills Roads.

## MICOM workers compete in regional awards program

Four outstanding Missile Command workers are participating in a new awards program developed by the Air Force's Arnold Engineering Development Center in Tullahoma, Tenn.

Dubbed the "High-Tech Federal Employees of the Year Regional Awards," the program is an effort to recognize employees who have made job- and community-related accomplishments, self-improvement efforts, and who have leadership qualities, according to Linda Thomas of the Incentive Awards Office here.

Organizations participating in the program are AEDC; the Department of Energy facility at Oak Ridge, Tenn.; the Strategic Defense Command and MICOM.

Nominees were accepted from six categories. The categories were Non-Appropriated Fund Employees, Wage Board Employees, secretarial and clerical workers from grades GS-1 through GS-9, other workers from GS-1 through GS-8, workers in grades GS-9 through GS-12 and workers in grades GS/GM 13 through 15.

Selected to represent MICOM were Frederick A. Booth, a procurement clerk in the Procurement Directorate; Geraldine Knox, a personnel management specialist in the Civilian Personnel Office; John B. Mountain, a supervisory computer specialist in the Information Management Directorate; and Linda W. Deerman, a secretary-stenographer in the Civilian Personnel Office.

"The program is special because of the fact that it's so diversified in nominations. In many honorary awards programs, secretaries don't qualify for nomination. This is an opportunity for secretaries and wage board workers to participate in the same ceremony (as higher-graded workers)," Thomas said.

The workers selected to represent MICOM were nominated by their supervisors and ranked on a point system by the MICOM Incentive Awards Committee. On the regional level, nominees will be ranked by a panel of educators from the University of Alabama in Huntsville, Alabama A&M University, Motlow State Community College, and the Space Institute at AEDC.

Winners of the competition will be announced at a banquet April 9. Thomas hopes to have good attendance from MICOM, and will have tickets for the banquet at a later date.

## Items

(Cont'd from Page 3)

Patton Road south or the Redstone Road gate (Gate 3) into the arsenal and follow the signs," Soffer said. "All military— active, reserve and retired —and all federal civilian employees at Redstone, Marshall and Research Park can purchase. We'll take Visa, Master Card, checks with identification, and even cash. All sales are final. Everything is as is; no exchanges or refunds. Everything must be removed from the warehouse the same day."

At 1:00 that afternoon, leftover items considered to be for commercial use will be sold to anybody interested. For more information about the upcoming sale, call the services division 876-3030.

## We're Dealin' Everyone a Winner

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# AIDS: The bad news just keeps getting worse

BY JOHN LUNDBERG

WASHINGTON— AIDS continues to dominate the national media for good reason; since 1983, 17,338 Americans have died from the disease and the number is expected to raise to 179,000 by 1991. Recently, an interview was conducted with Col. William L. Moore, Medical Corps, project manager for the Army Surgeon General for AIDS testing, treatment and programs. Listed below is his blunt, candid and to many frightening assessment of AIDS in the U.S. The disease is claiming an astonishing number of victims. Here's what all of us need to know about AIDS.

**LUNDBERG:** What would you say to the soldiers of the Army about AIDS if you had them as a captive audience for one minute?

**MOORE:** First, I would explain that AIDS is caused by a virus that cannot be transmitted by casual contact, only by the exchange of bodily fluids such as blood or semen. Second, I would point out that soldiers residing in the Washington area live in the sixth largest concentration of reported AIDS cases in the U.S. and it is doubly important for them to avoid high-risk behaviors which could expose them to the virus. Third, I would stress that the only sure means of avoiding exposure is to abstain from high risk behaviors such as intravenous drug use and promiscuous homosexual and heterosexual activity. Fourth, I would recommend use of condoms during any sexual encounter where the partners have not been in a mutually faithful monogamous relationship for a period of five or more years.

**LUNDBERG:** When was the first case of AIDS reported in the U.S. and how many cases do we have today?

**MOORE:** The first cases were seen in the late 1970s, and the disease was officially recognized by the Center for Disease Control in Atlanta in 1981. As of Feb. 2, 30,396 cases have been reported to the CDC and the number is doubling about every 13 months. The U.S. Surgeon General estimates the U.S. will have 270,000 cases by 1991.

**LUNDBERG:** Is AIDS always fatal?

**MOORE:** Yes. Once the AIDS virus has effectively destroyed the immune system, it appears that all the victims eventually die.

**LUNDBERG:** How many Americans have died to date as a result of AIDS?

**MOORE:** As of Feb. 2, the CDC reports that 17,338 have died since 1983, but this is considered to be under-reported by perhaps as much as 25 percent. The U.S. Surgeon General estimates that 179,000 Americans will have died by 1991. He also estimates that 100 million could die worldwide by the year 2000.

**LUNDBERG:** How many people infected with the virus will get the disease?

**MOORE:** We don't know. Early estimates were that 10 to 25 percent would develop the disease, but more recent estimates, supported by better studies, indicate that at least 50 percent of those infected will eventually develop classical AIDS.

**LUNDBERG:** How fast does the virus attack those people who get the disease?

**MOORE:** Again, we don't know. It appears that those infected with the virus progress at varying rates. In general, it seems to take about five years for those who progress to develop AIDS. One of the most important objectives of Army research is to determine the natural course of the disease and how to predict its effects.

**LUNDBERG:** How long after getting to the final stage of AIDS do you die?

**MOORE:** A patient who has developed full-blown AIDS can be expected to survive from 18 to 24 months. Episodes of severe illness occur intermittently throughout this time and response of opportunistic infections to treatment is variable.

**LUNDBERG:** How long will it take to develop a vaccine for the disease?

**MOORE:** Researchers from the National Institutes of Health have stated that no vaccine can be expected before the mid-1990's. One problem is that the virus mutates rapidly and vaccines against current strains are not likely to produce broadly effective protection.

**LUNDBERG:** How can a person tell for sure he or she has the AIDS virus?

**MOORE:** The only practical way is through a blood test. The Army testing program uses two forms of tests: the ELISA, a quick, inexpensive screening test and the more specific Western Blot confirmatory test. Persons are considered positive only after repeated

positive results from both types of test.

**LUNDBERG:** Why does the Army test for the AIDS antibody instead of for the AIDS virus?

**MOORE:** It's very difficult and expensive to detect the virus itself in the bloodstream. It's far easier, cheaper and quicker to use the very sensitive ELISA screening test, subjecting any positive samples to the more specific tests for the virus itself.

**LUNDBERG:** How long is the incubation period from the time an AIDS virus enters the body until the virus can be detected or the antibody appears?

**MOORE:** We don't know. The test usually becomes positive within two to six weeks of infection with the virus, but there are reports of individuals who have been infected without showing antibody development for more than a year. This is another area where a great deal of research is being focused.

**LUNDBERG:** After the AIDS virus has entered the body, but before it has been detected or the antibody appears, can the person transmit the virus to others?

**MOORE:** Yes. If the virus is present in the body, the infected person must be considered capable of passing on the virus, whether or not his body has yet developed a response to the virus.

**LUNDBERG:** Has anyone who tested positive for the AIDS antibody ever tested negative later?

**MOORE:** No.

**LUNDBERG:** Have there been any reported cases of a person being infected with the AIDS virus as a result of "social contact", i.e. hugging, kissing, crying, sneezing, etc., or from an insect bite?

**MOORE:** No. That's the good news, the virus appears to be transmitted only through exchange of blood or semen, or during childbirth.

**LUNDBERG:** What is the difference between a bacterium and a virus?

**MOORE:** A bacterium is a self-contained cell, alive in its own right. A virus is a small particle which enters a cell of the body and interrupts the cell's normal function to reproduce itself. The cell may die as a result, releasing more of the viral particles into the body to infect even more cells, and so on.

**LUNDBERG:** What does the AIDS virus actually do?

(See AIDS cont'd on Page 7)



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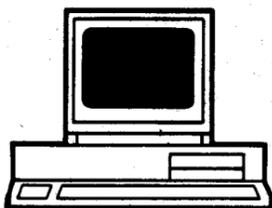
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# Patrick Henry refused to go to convention

**FORT MONROE, Va.**— Patrick Henry, the famous Virginian patriot, refused to serve as a delegate to the 1787 Constitutional Convention because, he said, he "smelled a rat."

We call this meeting the Constitutional Convention now, but it was the "Federal Convention" then. It had been authorized by Congress—not to write a new constitution—but to review and revise the Articles of Confederation, under which the country was then operating.

Under the Articles, the states had formed a loose "league of friendship" that held them together long enough to win the Revolution. Unfortunately the national government provided for in the Articles was neither strong enough nor comprehensive enough to solve the new nation's post-war economic, territorial, and diplomatic problems.

Henry's "rat" was his suspicion that the Convention delegates did not mean to revise the old plan of government as authorized. He believed they intended instead to design an entirely new plan based on a strong centralized government. Henry bitterly objected to this, fearing that centralized power at the

federal level might prove worse than the British royal power from which the states had just freed themselves.

Henry was right about the "rat." The Convention did indeed write a new document and created "a more perfect Union" of the states under a strong national government, just as he suspected. This particular plan of government was, however, carefully checked and balanced to avoid concentrating power in any one person or group.

The checks and balances somewhat calmed Henry's fear of a too-powerful central government, but he caught a whiff of yet another suspicious "rat." The Constitution contained no specific guarantee of individual rights and freedoms.

That guarantee was added in 1791 as the first 10 amendments to the original Constitution—the Bill of Rights.

For Patrick Henry and other champions of personal and political freedom, the smelly "rats" had been trapped at last.

*(Laurie Viggiano, a public affairs specialist with Army Training and Doctrine Command, wrote this as part of a series of articles for the Bicentennial of the Constitution.)*

# Ordnance company helps with training exercise

Members of the 515th Ordnance Company, 73rd Ordnance Battalion, participated in an Army readiness training exercise at Fort Stewart, Ga., last week.

The 35 soldiers from the 515th gave special ammunition support to a howitzer unit of the 24th Mechanized Infantry Division during the unit's annual exercise. A Forces Command unit, the 515th provides direct support/general support maintenance, storage, transportation and delivery of special ammunition to forward-deployed combat units.

Soldiers participated in transportation, air loading, helicopter delivery and "transload" exercises, according to Maj. Frank Davis, 515th company commander.

The 515th was involved in tasks requiring direct contact with an ordnance company, according to 1st Lt. Betsy Guthrie, nuclear ammunition supply point commander for the exercise.

"It was an interesting exercise, we were in about three feet of mud. It was very limiting because there were only certain areas we could go and they could go," she said. "But we managed to go through with it."

The 515th soldiers enjoyed most the two air missions they performed, Guthrie said. "We had two helicopters. One was the mission helicopter, and the second was an escort. It was great for the soldiers, because they were able to go up and take a ride—something they don't get to do here.

"The soldiers did great. They always enjoy going to a division installation. It gives them an idea of what their jobs will be like," she said.

Operations officer for the exercise was 1st Lt. Dwane Green. Operations NCOIC was SFC Alton Roberts.

# Troop basketball

Here are the final troop basketball standings. The playoffs are scheduled for March 9-16 at the post gym. For the Over 30 League, a round-robin playoff was set to start March 2 and end on March 9:

Eastern Conference		
	W	L
515th-1	14	0
C Company 73rd	12	2
HHC-1	9	5
A Company 832nd	7	8
A Company 73rd-2	6	9
Marines	5	9
C Company 832nd	4	10
D Company 832nd	2	12

Western Conference		
	W	L
A Company 73rd-1	13	1
B Company 73rd	11	3
B Company 832nd	8	6
HHC-2	6	8
95th Maintenance	5	9
Meddac	4	10

Over 30 League		
	W	L
Army Recruiters	5	0
HHC-3	4	1
515th-2	3	2
B Company 73rd-1	2	3
Readiness Group	1	4
B Company 73rd-2	0	5



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# Contract cost chief checks on command's cash

BY PAM ROGERS

As Fred Segrest sees things, it's his job to make sure the Missile Command doesn't spend too much money.

Segrest, chief of the Contract Cost Division in the Procurement Directorate, supervises approximately 25 industrial engineers and 65 other workers who specialize in pricing.

"We have a responsibility to make sure the command manages its budget, that it doesn't pay too much for what it buys, and to avoid the horror stories. But we can't get too hung up on pricing so that we delay a program," Segrest said.

Segrest worked as a contract specialist for about 25 years before being selected for his present job last June. He has worked at Redstone for 23 years.

His accomplishments in the field of contract administration have been recognized by the National Contract Management Association. In February, Segrest, along with Jay Billings of the Defense Systems Management College office here, was named a Fellow of NCMA.

Eugene Andrzejewski, director of contracts for Teledyne-Brown Engineering and Southeastern Region vice-president-elect of NCMA, said the title of Fellow is held by only a small percentage of the organization's membership.

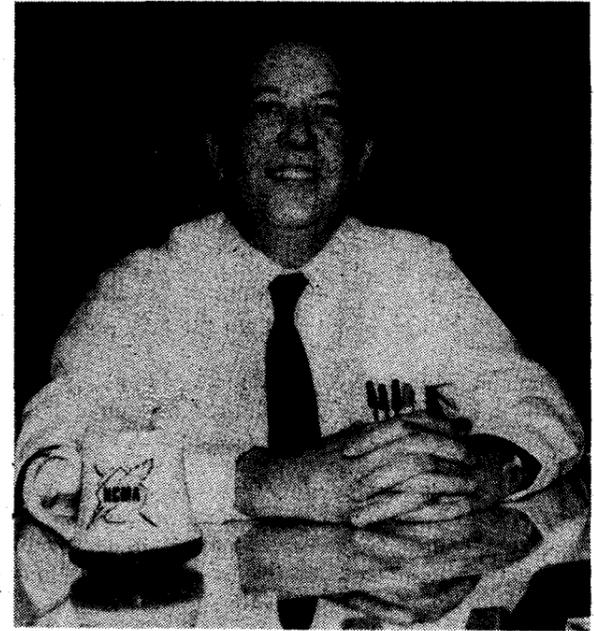
"We have about 20,000 members, and only five percent hold the Fellow ranking," Andrzejewski said, adding that out of 330 members in Huntsville, 12 hold the title.

During his 23 years at Redstone, Segrest worked with the Hellfire system from advanced development until the third year of production. During the mid-sixties, Shillelagh was the big-dollar missile, costing up to \$100,000 a year. "Now Patriot spends nearly a billion. A lot of it is inflation, but a lot is increased emphasis on defense," Segrest said.

Along with the increased emphasis on defense has come an increased emphasis on keeping defense costs down.

"We've got to strike a balance. There's more emphasis on analysis of prices than ever before, not that we at MICOM didn't emphasize it. It comes from the public and Congress—the real horror stories, like we always pay \$400 for hammers. We have to protect the command from having that sort of thing happen here," he said.

Segrest is a native of Montgomery. He received a bachelor's degree in accounting from Auburn University and a master's degree in business administration from Alabama A&M University. He and his wife Gail have two children, Ricky, 10 and Millie, 7.



SEGREST

## AIDS

(Cont'd from Page 5)

**MOORE:** The AIDS virus selectively attacks the T helper cell—the major component of the immune system—in which it reproduces, eventually destroying the cells. This leaves the body virtually defenseless against infections by unusual as well as common organisms. Death is frequently the result of pneumonia or meningitis.

**LUNDBERG:** How can a person be sure his or her sex partner isn't infected?

**MOORE:** There is almost no way to be certain. Even a negative blood test for viral antibodies is of

questionable value in those who continue high risk behavior such as intravenous drug use or sexual promiscuity. In a mutually faithful monogamous relationship for the past five to 10 years, in which neither partner has been transfused with blood or blood products during the same period, neither should be infected.

**LUNDBERG:** Why are the armed forces so interested in AIDS?

**MOORE:** There are a number of reasons. The most important one is the maintenance of combat readiness, specifically the protection of soldiers from un-

necessary exposure to potentially serious infectious agents not commonly found in the U.S. Also, blood transfusions in combat situations are needed and done "on the run" in battle and everyone in uniform is a potential donor. We need to ensure our fresh blood supply is not contaminated. Further, because of the damage to their immune systems, infected persons can be made ill by certain vaccinations and from infection

by uncommon organisms. (EDITOR'S NOTE: Col. M.J. Lundberg is the public affairs officer of the U.S. Army Military District of Washington.)

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# Defense Department has fifth national media pool

WASHINGTON — The fifth Department of Defense National Media Pool left Andrews Air Force Base, Md., for Honduras on Feb. 12 to observe and report on the military exercise TASK FORCE I in Central America.

"The media pool, numbering 12 correspondents, first flew to Fort Bragg, N.C. There they hooked up with 330 paratroopers of the 82nd Airborne Division to ride with them in a C-141 military transport plane on their way to a drop-zone over Honduras to observe them perform their jump," said Capt. Jay C. Farrar, a U.S. Marine Corps spokesman for the Department of Defense.

After the plane landed at an Honduran airfield, the reporters filed their stories with their respective news organizations using military communications networks there, he said.

Pool members included a three-person TV crew from ABC News, a reporter for the national news magazine "U.S. News and World Report," a *Washington Post* representative and one correspondent and photographer from each of the major news wire services.

TASK FORCE I, which began Feb. 11, is sponsored by the U.S. Southern Command and tests the readiness, alertness and reaction time of American forces. The paratroopers are part of a 750 member task force that began the two-week combat training exercise in Honduras.

Farrar said that after a few hours in Honduras, the correspondents returned by military transport to Andrews Air Force Base that very evening.

"The use of the media pool concept comes from findings of the Sidle Commission, which investigated relationship problems between the military and the media after the U.S. invasion of Grenada in 1983, he said. "One of the commission's recommendations urged the formation of a National Media Pool," Farrar added.

"The selection of reporters for the pool is handled amongst the correspondents themselves and rotates on a quarterly basis. The Department of Defense has no say in the selection process."

The make-up of the pool includes one reporter representing the nation's newspapers, a television reporter and crew from one of the TV news networks, one correspondent for the three national news magazines and a reporter, and photographer, from each of the major news wire services.

The call up of the pool is held in complete secrecy, usually 8-36 hours before an exercise takes place. In real life, the notification time may be shorter," Farrar explained.

"We first notify the bureau chiefs of the time and place where the pool should meet," he said. "They in turn secretly inform the pool representatives."

The pool members, by prior agreement, bring their own light-weight and mobile equipment. The military provides them billeting, food, special clothing needs and transportation, as well as the use of communication facilities and the means to deliver audio/video tapes to media representatives. The military also provides the use of a press center.

"There have been five deployments, including this one, since 1985, of the media pool," Farrar said. "The first, held in April 1985, took place during a five-day exercise in Honduras; and it had some problems in maintaining secrecy, but between us, we worked them out."

The problems were worked out in meetings of the news organizations and defense officials right after the first deployment.

On a regular basis, the bureau chiefs and DOD officials meet and discuss the different aspects of running the pool especially problems encountered, solution adopted and improvements proposed for the program.

The second media pool took place in September 1985. It involved the maneuvers of a brigade of the 101st Air Assault Division in Kentucky, where major improvements in the media pool's operational secrecy and communications were in evidence, Farrar said.

Previously, one of "the most successful tests of the pool occurred in December 1985 during a secret amphibious landing operation conducted by the U.S. Navy and Marines in California," he added. "Secrecy was maintained for 24 hours and the reporters filed their stories seven hours earlier than planned."

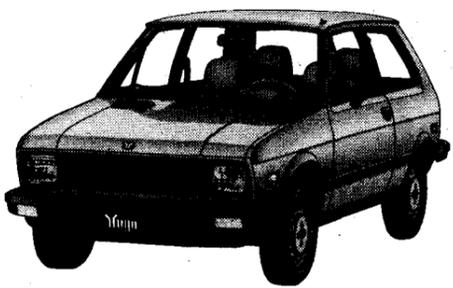
The pool also observed a military exercise at Fort Irwin, Calif. in August 1986.

"This latest media pool went well, and the reporters loved it despite a mechanical problem with the plane at Andrews, which was corrected," he said. (Arnews)

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# Anti-drug program meets with success

WASHINGTON — The Army's anti-drug abuse program is meeting with success in stemming drug abuse among its total force members through a variety of drug-abuse prevention programs.

Spearheaded by the Army personnel chief's drug and alcohol policy office and by the U.S. Army Drug and Alcohol Operations Agency in Falls Church, Va., the program echoes President and Mrs. Reagan's nationally televised call for a "drug-free America."

"Drug abuse has been reduced dramatically in the Army, especially since the introduction of drug

testing. The percentage of marijuana use, as indicated by biochemical test results, has dropped to less than five percent and the use of cocaine to less than one-half of one percent among active duty soldiers," said Ross Deck, program specialist in the drug and alcohol policy office at the Pentagon.

He attributes the success rate to such efforts as drug testing, installation alcohol/drug treatment centers, education and public awareness campaigns, law enforcement efforts and specific training of supervisors in detecting alcohol and drug abuse. (Arnews)

# New tax form to be explained

Redstone workers can attend a seminar that will teach them how to fill out the new W-4, Employee's Withholding Allowance Certificate.

The seminar will be conducted by a representative of the Internal Revenue Service, and is sponsored by the MICOM Finance and Accounting Office.

The Tax Reform Act of 1986 requires that all workers provide their employer with a new W-4 form before Oct. 1, 1987. In order to ensure correct withholding, workers should fill out a new W-4 form

as soon as possible, according to a Finance and Accounting news release.

Two sessions of the seminar, to be conducted by Dolores Mohlere of the IRS, will be offered in the post theater March 9. Workers can attend either the 10 a.m. or 1:30 p.m. session. The building will seat 230 people, and participation will be on a first-come, first-served basis. It is not necessary for attendees to complete a DD Form 1556, the release stated.

For more information about the seminar, call Gerald Whitehead 876-1366/7514.

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# Martial arts expert hopes to represent U.S. in newly-recognized

**BY SKIP VAUGHN**

Sgt. Phil (Speedy) Suttle has been interested in martial arts ever since he was a youngster.

As a 6-year-old, he was impressed by all the jumping and kicking and fascinated by martial arts movies. Eventually he attended a Japanese karate school in Brooklyn, N.Y. Suttle has been taught by several instructors since then, most recently while stationed in Korea.

He has instructed, too, and says he has received more than 300 trophies in competition. His goal now is getting selected to an All-Army team in Taekwondo, approved as a sport for competition in the 1987 Pan American Games and the 1988 Olympics.

"Taekwondo is an old Korean art and it goes back to long ago when the Japanese had taken over Korea and they ruled Korea," Suttle said. The Koreans would try to fight by using their feet. This mainly kicking art became known as Taekwondo.

It can be either a sport or a deadly form of fighting. "The difference between the sport and deadly is the sport has rules," Suttle said. "And then too power is limited when you use it as sport, it's never full force power."

In competition, a throw must be followed up within three seconds by a punch or kick. Suttle thinks the sport is excellent. "The only thing I would like to see in Taekwondo is more hands— more hands being used

instead of just the legs," he said. Rather than for fighting, the hands are mostly used in "forms" which is a collection of moves simulating combat with one or more opponents.

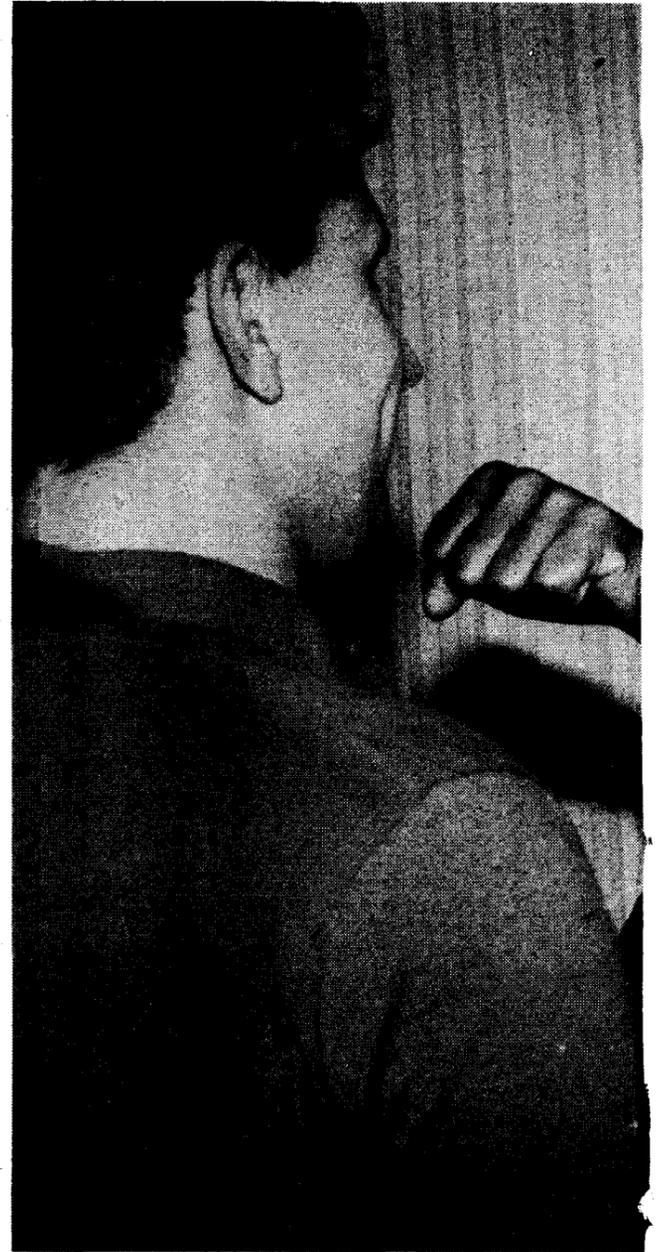
Suttle likes Taekwondo's "philosophy, teaching, positive way of thinking, and most of all discipline."

The 31-year-old soldier was born in Barbados, the easternmost island of the West Indies, and moved to Brooklyn, N.Y. in 1972. He is the oldest of three sons of Ralph and Marjorie Suttle. His father works at a Jewish center in New York. In 1976, two years after graduating from Boys High, Suttle joined the Army.

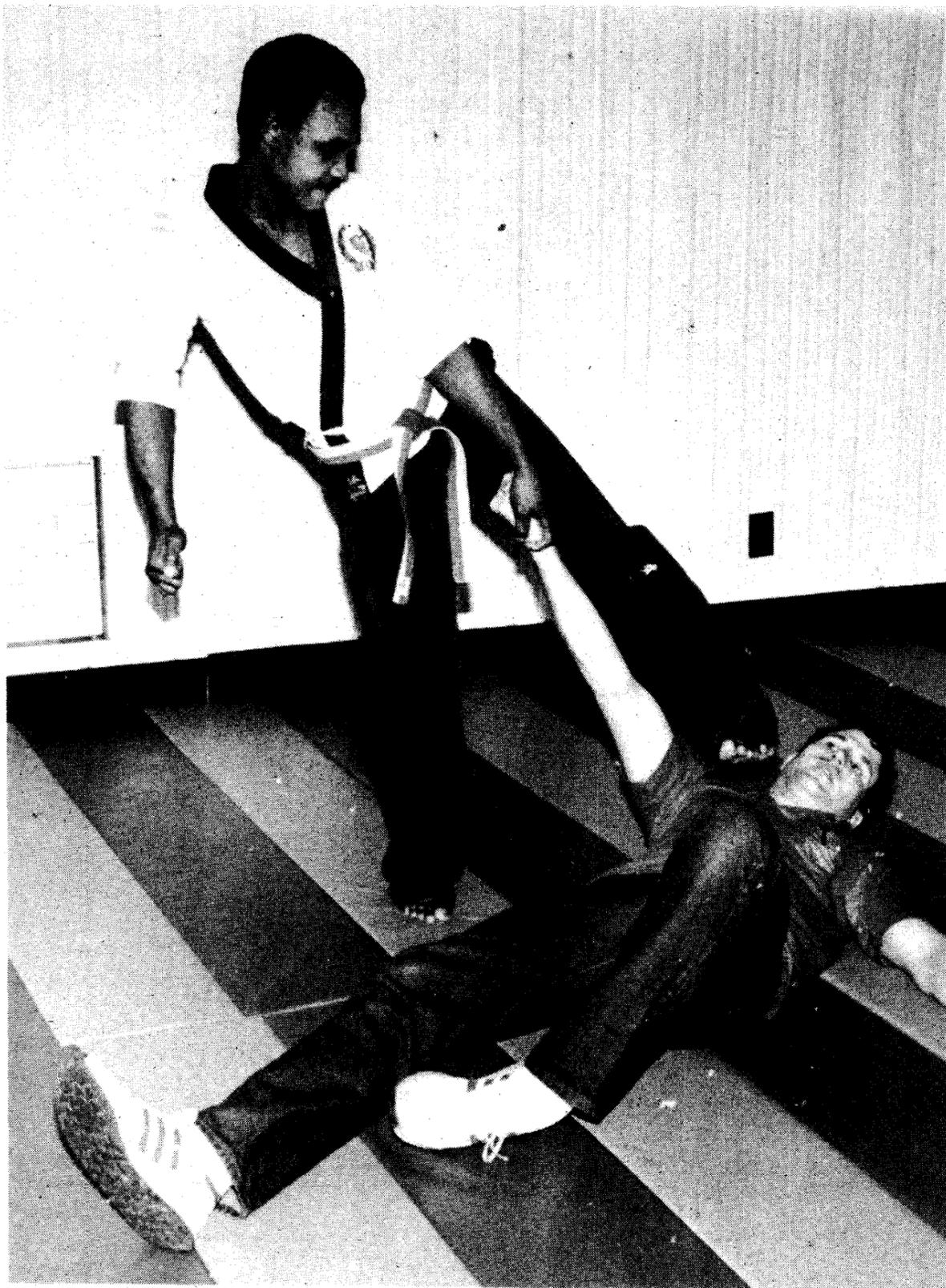
"It (the Army) was an opportunity to go places, see places, travel," he said. He has done his share of traveling. From 1981-83 in New York, Suttle was a member of a martial arts exhibition team that toured for the U.S. Army Recruiting Command. He was stationed in Korea for two years and came to Redstone in October 1985.

A sports NCO who works at the post gym, Suttle is a member of Headquarters and Headquarters Company. He is a fifth degree black belt in Tangsoodo, a Korean martial art similiar to Taekwondo.

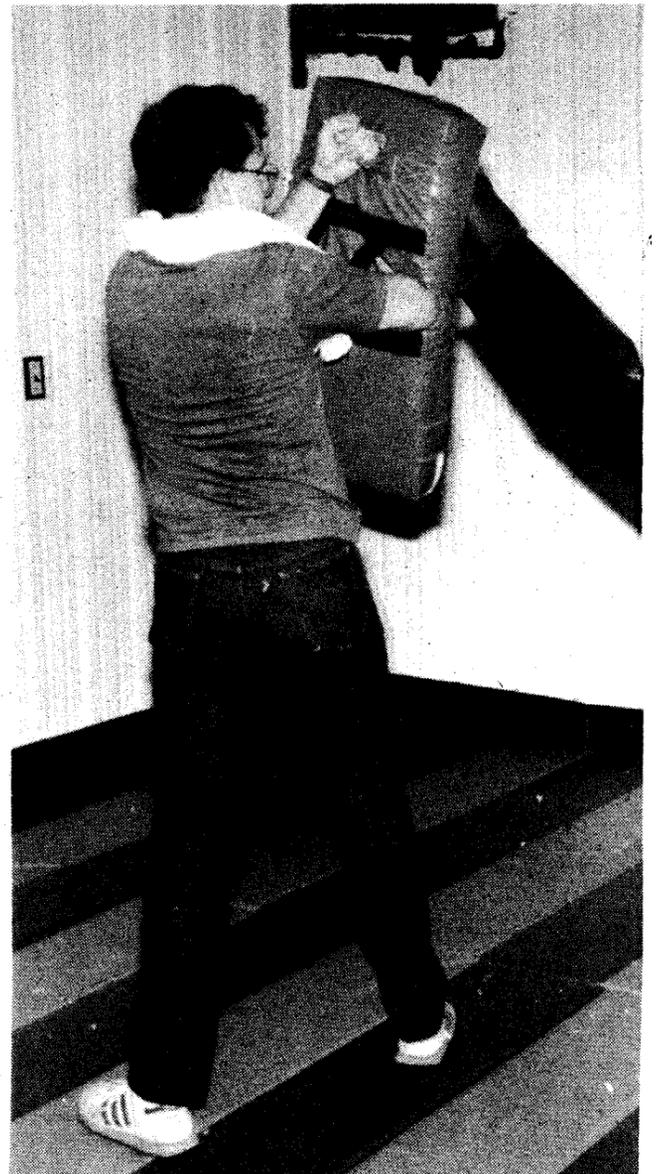
"One of my goals would be to try to make this (All-Army) team," Suttle said, recalling his involvement in an effort to add Taekwondo to the Olympic Games. "The 1988 Olympics (in Seoul, Korea) is the first one scheduled to have it," he added.



**PUNCH—** Suttle shows how to do a reverse punch.

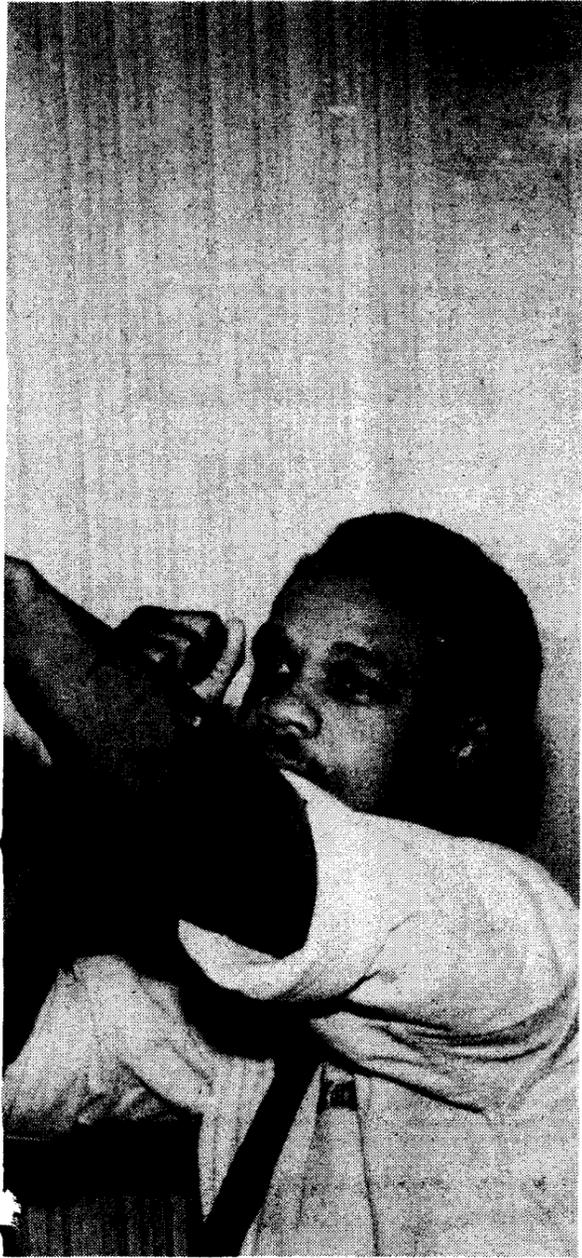


**TAKE DOWN —** Suttle demonstrates a stomp kick to be used after taking down an opponent.



**MARTIAL ARTS —** Sgt. Phil Suttle demonstrates a round kick. H sport of Taekwondo.

# International sport of Taekwondo



**STRETCH** — Against a wall, Suttle stretches in preparation for a side kick.



pes to be selected for an All-Army team in the

# Troop bowling

Here are the Redstone Arsenal intramural bowling league standings after last week's games:

### Tuesday's Conference

Team	Won	Lost
A Co. (E&TTD-1)	480	70
HHC-1	371	179
C Company 73rd Ord Bn-1	362.5	187.5
A Company 73rd Ord Bn	349.5	200.5
Meddac-3	317	233
B Co. (B.D.T.)	311	239
D Company 73rd Ord Bn	289	261
TMDE	249.5	300.5
C Company 832nd Ord Bn-3	246.5	303.5
C Company 832nd Ord Bn-2	212.5	337.5
Marines-2	201.5	348.5
291st MPs-2	177.5	372.5
C Company 832nd Ord Bn-1	142.5	407.5
291st MPs-3	118	43

200 games/ 600 series bowled Feb. 24:

Steve Cook	233, 201, & 632 series
Steve Moniz	213
Bob Thorne	212
Ken Joffre	211
Dan Hering	207
Mike Cohoon	205
Gary Gibbs	203

### Thursday's Conference

Team	Won	Lost
B Co. (L.C.D.)	394.5	155.5
B Co. (S.A.D.)	388	162
515th-2	375	175
Meddac-1	373.5	176.5
Marines-1	352	198
A Co. (E&TTD-2)	307	243
HHC-2	272.5	277.5
Meddac-2	250.5	299.5
515th-1	247.5	302.5
B Company 73rd Ord Bn-2	237.5	312.5
B Co. (E.O.D.)	197.5	352.5
D Company 832nd Ord Bn	181.5	368.5
291st MPs-1	142.5	407.5
A Company 832nd Ord Bn		(dropped)

200 games bowled on Feb. 26:

b Larrabee	231
Dave Kowaleski	212
Bill Burgess	209
Dan Harris	203
Ernie Kurotobi	201
Curtis May	201



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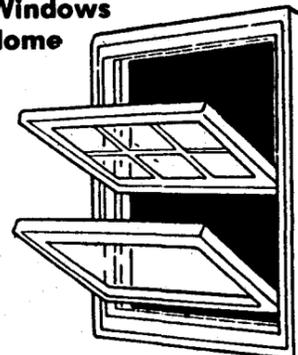
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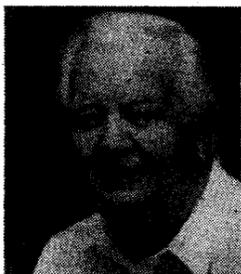


ALCOA

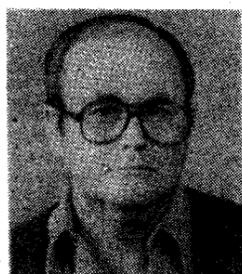


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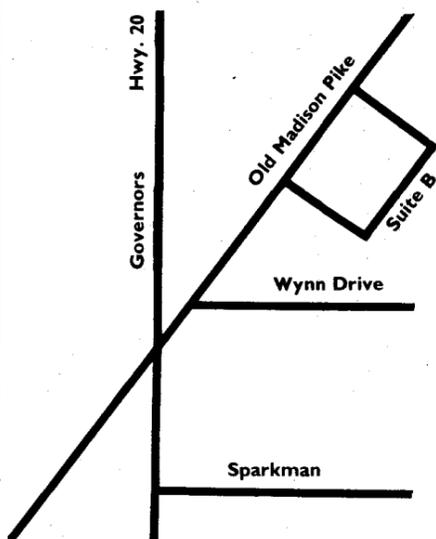


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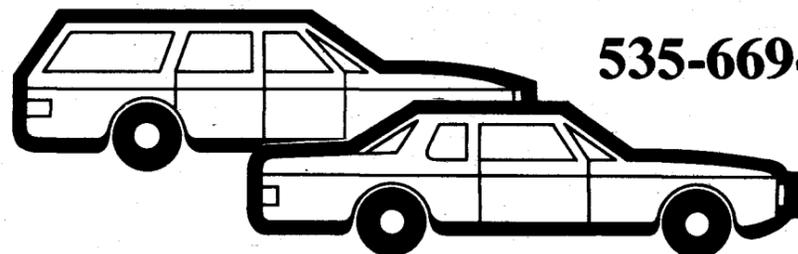


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# Area coordinators link housing office and families

BY PAM ROGERS

Redstone's housing area coordinators fill a dual role. Military families rely on them to help solve minor problems and handle complaints. The housing office depends on them to make sure family housing areas are clean and neat.

Family housing contains 1,171 units, divided into 50 areas, according to Marjorie Campbell, chief of the Housing Management Branch, Redstone Arsenal Support Activity. An area coordinator will have responsibility for 16 to 18 units in the single-family dwelling areas, and could have more than 20 units in the multi-family building areas.

When appointed, the area coordinator is the highest-ranking soldier in his or her area. Appointments last for a year, and although higher ranking people may move into an area, the area coordinator will retain the appointment for the sake of continuity, Campbell said.

"The area coordinator is there to help us monitor the conservation of utilities, to watch for excess

lighting and overwatering of lawns. He coordinates with the occupants in policing the area.

"We also rely on him to resolve minor complaints about the conduct of occupants and family members. We hope he can come to a mutual agreement with everyone without going to the housing office," Campbell said.

The area coordinator organizes self-help maintenance and repairs in multi-family building areas, with the help of the building coordinators.

"Complaints, repairs, policing— if he does that, we'll have a pretty good appearance in the housing area. Policing means more than keeping yards clean. It involves pets, and watching for unsightly structures. The coordinator is supposed to make sure outside storage buildings are uniform," Campbell said.

The housing office has increased efforts recently to get the area coordinators involved in community activities.

"They are a part of the community, and their involvement makes it a better place to live," Campbell said.

The office encourages the coordinators to get out and meet the residents in their areas. Coordinators will begin receiving a monthly update of all soldiers in their areas by rank, and the number of dependents each has.

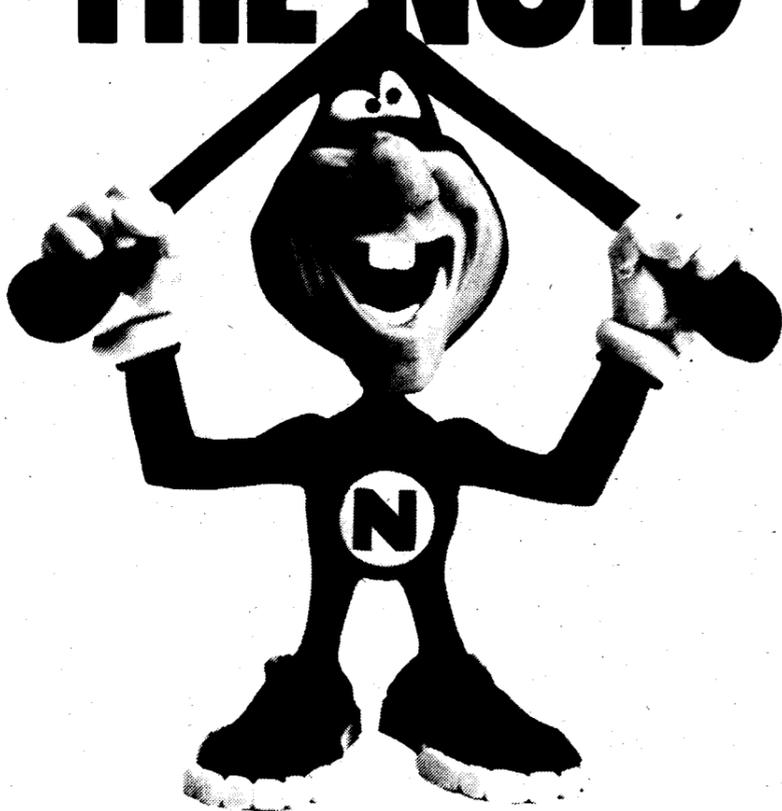
Continuity among coordinators can sometimes be a problem on a post like Redstone, where many soldiers are required to travel as part of their jobs, according to Sgt. Maj. Richard Lonsdale, sergeant major of Housing Management.

"Sometimes it's difficult to respond as quickly as someone asking for something might want us to respond. The problem is that the people aren't always here," he said.

Lonsdale believes most coordinators are interested and motivated when it comes to their housing duties.

"Some will call us with problems, instead of waiting for us to call them. Some areas just don't seem to have any problems, and we're not looking to create any," he said.

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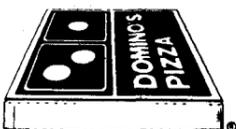
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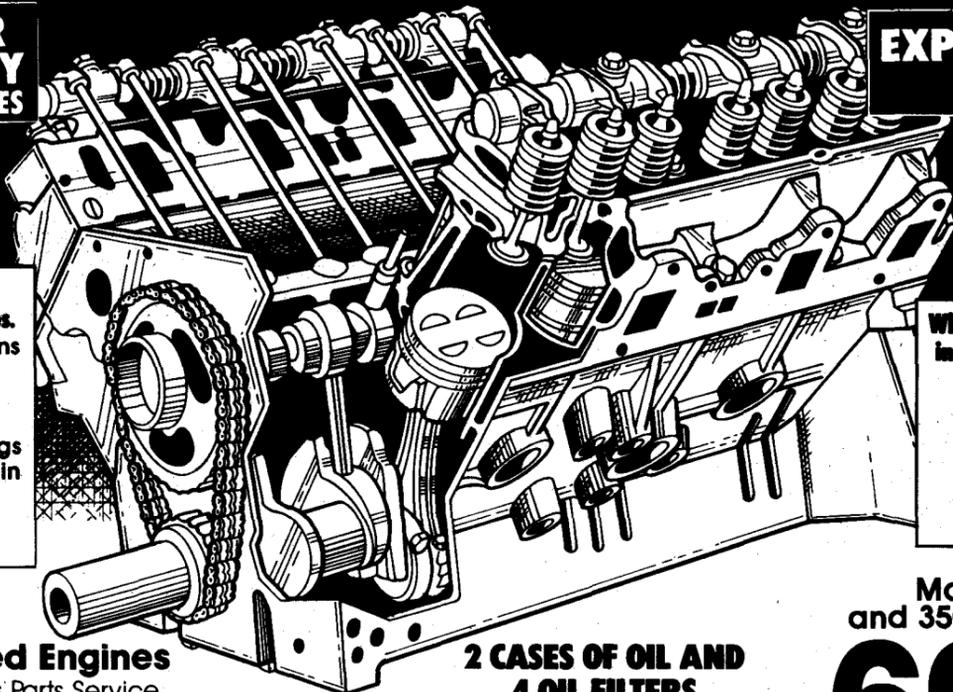
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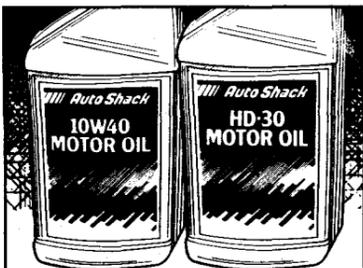
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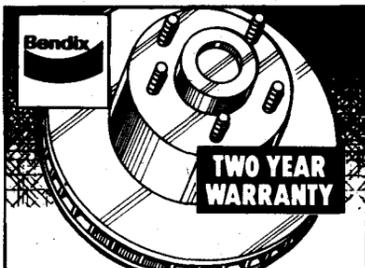
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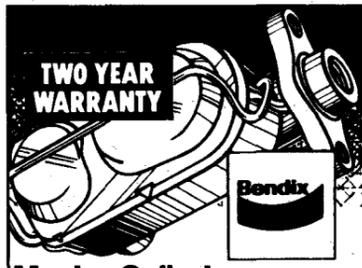
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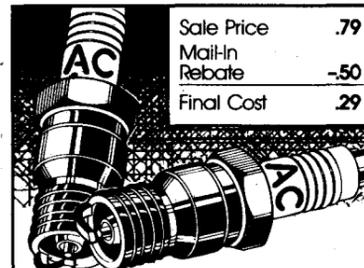
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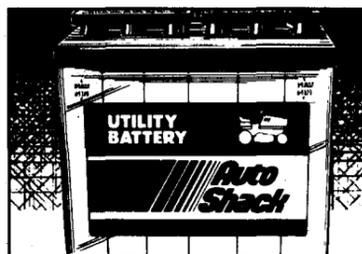
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# CWF team wins eleven straight; moves into top spot

If anyone can attest to the benefits of a good winning streak, it's the Reproduction civilian basketball team.

Reproduction moved into first place in the 34 years and under men's league by winning its 11th straight game. The streak started after two losses to open the season.

Victim number 11 was the MSIC team which lost 58-37. Luther Johnson scored 30 points and grabbed 15 rebounds to pace Reproduction to the win. Ron Crutcher and Terry Nance each added 10 points. For MSIC, Don Carver had 12 and James Feagan 10.

In other games in the 34 years and under league, MISD beat Missile Systems-1 team 72-64, stopping an eight game winning streak; and PAO defeated MIA 55-50.

Tommy High struck for 28 points and 13 rebounds to lead MISD's upset of the previous league leader. John Petty contributed 16 points. For Missile Systems-1, Artro Whitman, Stan Harris and James Love each tossed in 14 points.

Abdullah Muhammad scored 19 in PAO's sixth straight win. Risilah Muhammad and Don Tiller each contributed 11.

In the 35 years and over league, the Untouchables stayed unbeaten after seven games with a 57-47 win over COE. Greg Bogue led the way with 20 points and nine rebounds while Mose Hall contributed 10 points. COE was led by Phil Loftis with 16 points and Mark Troup 14. The Untouchables have one regular season game left March 9. Elsewhere in the league, CPO and RD&E both forfeited games.

The Lady Cougars stayed unbeaten after five games to lead the women's league by clobbering Security 63-37. Len Bolden scored 24 and grabbed 10 rebounds; Crystal Cooper collected eight rebounds; and Tanya Johnson tossed in 13 points. Security was led by Teri Kelly and Denise Crutcher, who each scored 10. Elsewhere in the women's league, the D-73 All Stars won by forfeit over COE, and the Redstone Rockets won by forfeit over Security.

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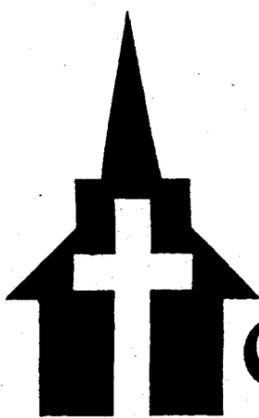
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SM 5004 (A) Econ. Envir. of Mgmt. I	13 Apr.	22 Jun.	Mon.
SM 5021 Business Law	13 Apr.	22 Jun.	Mon.
CM 5011 Proc. & Contr. Mgmt. & Admin. I	13 Apr.	22 Jun.	Mon.
SM 5062 Logistics Policy	13 Apr.	22 Jun.	Mon.
SM 5006 Managerial Statistics I	14 Apr.	23 Jun.	Tue.
SM 5024 Mgmt. of Production	14 Apr.	23 Jun.	Tue.
SM 5032 Pers. Mgmt. & Indus. Relations	14 Apr.	23 Jun.	Tue.
SM 5071 Decision Theory	14 Apr.	23 Jun.	Tue.
CM 5020 Contr. Mgmt. Research Sem.	14 Apr.	23 Jun.	Tue.
SM 5122 Comp. Appl. in Health Care Org.	14 Apr.	23 Jun.	Tue.
SM 5001 Managerial Acctg. & Control	15 Apr.	24 Jun.	Wed.
SM 5005 (A) Econ. Evnir. of Mgmt. II	15 Apr.	24 Jun.	Wed.
SM 5034 Program Evaluation	15 Apr.	24 Jun.	Wed.
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CS 5016 Digital Comp. Methods	15 Apr.	24 Jun.	Wed.
SM 5013 Behavioral Science & Mgmt.	16 Apr.	25 Jun.	Thu.
SM 5028 Data Base Mgmt.	16 Apr.	25 Jun.	Thu.
SM 5133 Adv. Analytical Methods in Mgmt.	16 Apr.	25 Jun.	Thu.
CM 5031 Proc.-The Legal Concepts	16 Apr.	25 Jun.	Thu.
OR 5012 Operations Research II	16 Apr.	25 Jun.	Thu.

Approval has been granted for Veterans Administration tuition assistance for eligible persons. For information contact F.I.T. Resident Director. 876-1581 or visit the Center in Bldg. 7446 Warehouse Rd. Weekdays between 0900-1630.

## Contract management stressed in seminar

Proposed changes to government contracts should be thought out fully beforehand, according to the chairman of an upcoming contracts seminar.

"Control of contract changes is becoming a major problem in high-tech and R&D endeavors where technology is constantly changing and demanding schedules drive managers to quick decisions on changes," stated Hugh (Hamp) Wilson.

"The attitude of 'do something, but do it quickly,' must now be replaced with 'do it intelligently,'" he added. "In other words, both the government and the contractor must better understand the intent and consequence of changes before they are contractually directed. The main thrust of this new thinking is to

control the change process up front where it will have a positive programmatic impact."

The Huntsville Chapter of the National Contract Management Association will be hosting one of 65 sessions nationwide on "Managing Contract Changes." The seminar will be held at the Sheraton Inn on Friday, March 20 from 8:30 a.m. to 5:30 p.m. The two scheduled lecturers are Ann Cohen, an attorney serving as deputy general counsel with Electronic Data Systems Corporation- Government Systems Group, Bethesda, Md.; and Edwin Phelps, president of Educational Services Institute, Falls Church, Va.

Registration fee is \$95 for NCMA members and \$125 for non-members. Registrations received after March 9 will incur a late charge. For more information call retired colonel Frederick (Tim) Bisch 881-3043.

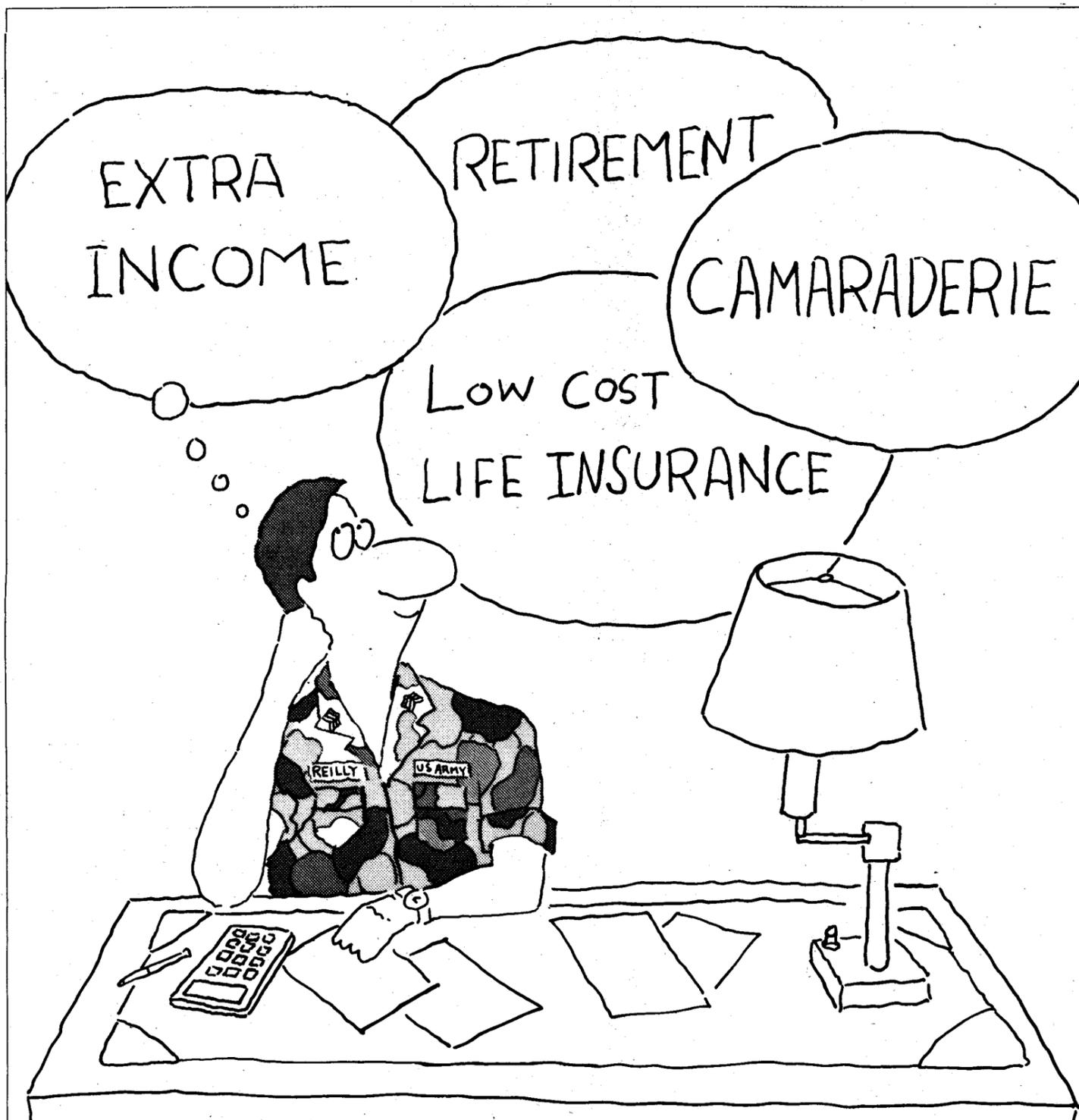
## Mobile communications addressed by contract

NEEDHAM, Mass.— GTE has announced receipt of an \$870 million award to provide continued support to the Army's mobile subscriber equipment (MSE) program.

The award is made for Option Year Two as part of the basic contract which was awarded in 1985 by the Army's Communications-Electronics Command at Fort Monmouth, N.J.

"This award means the Army recognizes that we are on schedule and effectively managing the contract including our 30-plus subcontractors," said Armen Der Marderosian, vice president and general manager of GTE's Tactical Systems Division, the organization responsible for the MSE program.

The multi-billion-dollar MSE system replaces obsolete battlefield systems with an integrated mobile communications network, according to a news release.



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# NCOs to get new evaluation reporting system

WASHINGTON — A new concept for a Non-commissioned Officer Evaluation Reporting System recently approved by Army's Chief of Staff Gen. John A. Wickham Jr., is due to replace the existing five-year-old Enlisted Evaluation Reporting System by year's end.

In approving the concept, Wickham noted that it's a "far better approach to NCO professionalism," providing a complete measure of a young soldier's development, with a positive indication that the Army is sensitive to the growth of its NCO corps.

The concept derives from extensive input from the entire Army. It establishes the direction the new system will take while guiding the choice of techniques offered by the form as well as the evaluation policies to

be included in the regulation, said Sgt. Maj. Clyne Goode, chief of NCO evaluation systems policy at the U.S. Army Military Personnel Center in Alexandria, Va.

Before the December 1987 implementation date, the Army will distribute a draft version of the form in April. Goode explained that as the draft makes its way to the major commands it also will set in motion an Army-wide education process to introduce the form.

Dedicated to NCO excellence, the new report will emphasize the important role the NCO plays in the Army's success, providing the focal point for NCO pride. The report's name change reflects this new focus, Goode said.

Although it is too early to tell exactly what the new

form itself will look like, a number of items appear to be certain, he added. It will include rating scales for Army values and NCO requirements; the requirements for "bullet narratives" instead of prose; a move away from numerical ratings; "trigger words" with expanded definitions for the NCO requirements; dedicated blocks for the physical fitness test and height and weight measurements; a structured duty description which will include key performance elements and additional duties; and a change in names and roles for rating officials. (Arnews)

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# COLUMBIA COLLEGE

## REDSTONE ARSENAL EXTENSION

Session II

March 16-May 9, 1987



Building 3222

Phone: 881-6181

## CLASS SCHEDULE FOR SESSION II — 1987

### MONDAY/WEDNESDAY 5:00 P.M. - 7:30 P.M.

Course #	Course Title	Prereq.	Instructor
BUS 386	Cost/Managerial Accounting	BUS 280 & 281	Smalley
CIS 320	Systems Analysis & Design	CIS 280	Jones
CJ 101	Intro To Criminal Justice	None	Bill
ENG 100**	Reading & Study Skills	None	Yates
ENG 433	Satire In Literature	ENG 111 & 112	Larson

\*\* Tuition Free Course

### TUESDAY/THURSDAY 5:00 P.M. - 7:30 P.M.

Course #	Course Title	Prereq.	Instructor
ECON 294	Microeconomics	None	Traylor
ENG 112	English Composition II	ENG 111	Mills
PHIL/GOVT 320	Political Philosophy	JR Standing	Cushman
PSY 304	Personality Theory	PSY 101 Or JR Standing	Kilgore

### MONDAY/WEDNESDAY 7:30 P.M. - 10:00 P.M.

Course #	Course Title	Prereq.	Instructor
BUS 150	Intro To Business	None	Smalley
BUS 341	Small Business Management	BUS 150	Dodson
CIS 150*	Intro To Programming BASIC	None	Jones
ENG 111	English Composition I	None	Yates
MA 250	Statistics	MA 150	C. Patty

\* Lab Fee

### TUESDAY/THURSDAY 7:30 P.M. - 10:00 P.M.

Course #	Course Title	Prereq.	Instructor
CIS 170	Intro To Computer Info Systems	None	Thomas
CJ 405	Rules Of Criminal Evidence	CJ 101	Moon
MA 105	Intermediate Algebra	None	S. Patty
PSY/ BUS 336	Industrial And Organizational Psych.	PSY 101	Foster

### GENERAL INFORMATION — 1987

**ACADEMIC CALENDAR — SESSION II .. MARCH 16-MAY 9**  
 Registration Begins ..... February 16  
 Classes Begin ..... March 16  
 Late Registraton Ends ..... March 24  
 Tuition Assistance Form Deadline ..... March 24  
 Last Day To Drop ..... March 27  
 Classes End ..... May 9

Classes are opened to ACTIVE DUTY MILITARY, THEIR DEPENDENTS AND CIVILIANS employed on Redstone Arsenal. The Columbia College office is located in Building 3222, Army Education Center (South Entrance). OFFICE HOUR: 8:30-4:30, Monday-Friday. Phones: 881-6181 or 876-4851. COUNSELING AND REGISTRATION ARE AVAILABLE ON A WALK-IN BASIS.

Reading and Study Skills (ENG 100) is a TUITION FREE course and students receive three semester elective hours credit for the course. (First come first served basis). IBM PCs are used in our Computer Lab. ALL CLASSES ARE HELD IN THE ARMY EDUCATION CENTER — BUILDING 3222.

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- Associate in Science/Criminal Justice
- Bachelors in Science/Business Administration
- Bachelors in Arts/Business Administration
- Bachelors in Psychology
- Bachelors in Criminal Justice Administration
- Bachelors in Individual Studies

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# Announcements

## Overeaters Anonymous

An Overeaters Anonymous group meets Thursdays from 11:15-12 at Post Chapel on Patton Road. For information call 532-7013.



## Top graduates

Those graduating OMMCS courses during Feb. 9-12 with the highest academic standing were Sp4 Thomas Anthony and PFC Betty Kropuenske, ammunition stock control and accounting specialist; Sgt. Richard Grogan and Cpl. Douglas Brown, ammunition specialist; Sgt. Marcia Goebel, Pvt. Michael Rudebusch, Pvt. Michael Fritz and Sgt. Terry Deggs, Tow/Dragon repairer; SSgt. William Everage and SSgt. Dennis Helman, Improved Hawk fire control repairer; Huang Kuang Ji and LCpl. Matthew Rasette, Improved Hawk launcher and mechanical system repairer; SSgt. David Swinson, Cpl. Joseph Murray and Sgt. Ronale Coleman, ammunition specialist (BNCOC).

## Army learning center

The Army Learning Center is offering the following Army Logistics Management Center courses. "Appraising and Troubleshooting Employees" is four hours long and part of the "Dynamics of Employee Behavior" course. It covers objective, meaningful employee appraisals, positive reinforcement for good performance, objectivity in identifying performance problems and troubleshooting performance problems. "Army Material Plan MOD" is a five-hour course consolidating management data and streamlining major item management by making the data instantly available to users working at computer terminals. "Basic Statistics for Logistics Management" is a four-hour course which introduces the basic statistics that form the foundation of quantitative analysis used to address logistics management. To enroll in these courses, send a DD Form 1556 to building 7446, AMSMI-CP-TC/ALC, Attn: Army Learning Center. For more information call 876-1061/1416.

## Post exchange

The exchange catalogue has a selection of gifts suitable for weddings, including silverplate from Oneida and Gorham, pewter flatware and crystal. For more information stop by the customer service desk at the post exchange.

## Ordnance Ball

The fourth annual Redstone Arsenal Ordnance Ball, in celebration of the 175th anniversary of the Ordnance Corps, will be held at 6:30 p.m. May 2 at the Officers Club. For more information call Lt. Col. Roman Galysh 895-4325.

## Arthritis support group

The Arthritis Caring Together (ACT) Support Group, sponsored by the Arthritis Foundation, will have its bi-monthly meeting Sunday, March 8 at 2 p.m. at the Clinical Science Building, UAH School of Primary Medical Care (corner of Longwood Drive and Gallatin Street). Free parking is available. Scheduled speaker Dr. Kendall Black, an orthopedic surgeon, is to discuss "Surgical Techniques Used in the Treatment of Arthritis." There is no charge and everyone is invited to attend. For more information, call the Arthritis Foundation 536-9117.

## OMMCS hail/farewell

The OMMCS Hail and Farewell is set for 5:30-7:30 p.m. Friday, March 13 at the Officers Club. The theme will be St. Patrick's Day ("wear your favorite green outfit," states a release). Hors d'oeuvres, door prizes, and live entertainment will be provided. Departees and new arrivals will be acknowledged. Invited are OMMCS commissioned/warrant officers, student officers (allied included), sergeants major, and civilians GS-9 and above. Cost is \$5 per person. For more information, call Maj. Lindsay 876-5460 or Maj. Fitzpatrick 876-3863.

## Multi crafts

The Multi Crafts shop, building 3615 (on the corner of Vincent Drive and Gray Road), plans the following classes this month: *Basic free form pottery*, six sessions starting March 10 at 6:30 p.m.; *Card board loom Purse*, two sessions starting March 11 at 6:30 p.m.; *Advanced Leather*, four sessions starting March 12 at 6:30 p.m.; *Basic Woodworking*, starting March 13 at 6 p.m.; *Applique Pillow*, March 14 at 10 a.m. (bring bag lunch); *Victorian rag tote bag*, two sessions starting March 17 at 6:30 p.m.; *Cut and Pierce Lamp Shade Workshop*, March 18 at 6:30 p.m.; *Basics of Stencil Workshop*, March 21 at 1 p.m.; *Pastel Chalk Workshop*, March 25 at 6:30 p.m.; *Ceramic Open Workshop*, March 26 at 6:30 p.m.; *Spring Wreath Workshop*, March 28 at 10 a.m.; and *Painting Open Workshop*, March 28 at 10 a.m. For more information call 876-7951.



## Women's History Month

In observance of National Women's History Month, the Federal Women's Program Committee of the Strategic Defense Command will have a luncheon Tuesday, March 10 at the Officers Club. The luncheon begins at 11:30 a.m. Scheduled speaker is Claire Freeman, assistant secretary of defense for civilian personnel policy. Tickets cost \$5.75 and must be purchased by March 5. Everyone is invited. For more information, call Mary Peoples 895-4275.

## Warrant officers

The U.S. Army Recruiting Command warrant officer recruiting team will give a presentation to warrant officers at Redstone March 12 at 10 a.m. in room 213 of building 3301. All Redstone Arsenal warrant officers are encouraged to attend. Soldiers interested in applying for warrant officer should attend a presentation in the same room at 1:30 p.m. Soldiers who are unable to attend the meeting will be able to talk to the team March 13 from 8 a.m. until 3:30 p.m. in room 221 of building 3305. For more information call CWO3 Robert Schaller or CWO4 Jackie Grindstaff 876-1428/2743/9594.

## Art exhibit

Stained glass pieces, watercolors, pen and ink sketches, and German ceramics will be exhibited during March in the Sharon Barbour Rhett Fine Arts Center at Randolph School. The public is invited.

## Youth soccer

Region 388 Redstone Arsenal will continue soccer registration through March 6. All new and returning players must register at building 114, Youth Activities. For more information, call 876-KIDS.

## Women's support group

A women's support group focusing on issues relating to domestic violence meets on Mondays at 7 p.m. at the Girls Club, 1216 Meridian St. Child care is available.

## Art show

The Twentieth Century Club of Guntersville will sponsor "Art on the Lake" April 25 and 26 at Carlisle Park School in Guntersville. Entry fee for exhibitors is \$25 for two days or \$20 for one day. Junior division fees are \$20 for one or two days, \$20 per space for school art classes and \$25 per space for private art classes. The junior division is for children in grades kindergarten through 12. Hours for the show will be 10 a.m. until 5 p.m., rain or shine, with both indoor and outdoor display areas available. For more information call Mrs. Robert H. Haden 582-4392.

## Material maintenance careerists

The next DA ad hoc screening panel for Materiel Maintenance Management Career Program will be held March 16 to review initial submissions, add-ons and reconsideration requests. Send original and five copies of MMMCP career appraisal to AMSMI-LC-ME, Vickie Gist, building 5681. For more information call Gist 876-4580.

## Lenten seminars

The Chapel community plans ecumenical Lenten Life Enrichment seminars beginning Sunday, March 8 and concluding with an ecumenical potluck supper on Palm Sunday at the Bicentennial Chapel. The Dobson film series, "Turn Your Heart Toward Home," will be presented each Sunday from 5 until 6 p.m. in the assembly room. The seminars will be conducted each Sunday from 6 until 7:30 p.m. The seminars include "The Prince, Princess and the Frog" for ages 3-11, "Being a Happy, Successful Teenager" for ages 12-18, "Alternatives and Options in Later Years," "Parent Effectiveness Training," "Motivating Inner Resources" (limited to 20 participants), "How to be Single and Happy" (for those never married), and "Marriage Enrichment." To register, stop by the Post or Bicentennial Chapels or call Patty Wilson 876-5707/3433.

## Command change

Headquarters and Headquarters Company is to conduct a change of command ceremony at 8 a.m. March 6 at building 3434. In case of inclement weather, the ceremony will take place in the post gym. Capt. Claiborne Holmes will be succeeded as HHC commander by 1st Lt. Aaron Zook. All interested military, families, and Defense Department civilians are invited to attend.

## Space logistics symposium

The first Space Logistics Symposium will be held at the Huntsville Marriott March 24-26. Scheduled guest speakers include J.R. Thompson, director of the Marshall Space Flight Center and Maj. Gen. Eugene Fox, deputy commander of the Strategic Defense Command. For registration details call Steve Engle 837-1800, extension 303.

## Chapel events

An *Ash Wednesday Service* is set for today at 5:30 p.m. at the Post Chapel. A joint meeting of the *Military Council of Catholic Women and the Protestant Women of the Chapel* will be held on the World Day of Prayer, March 6, at the Bicentennial Chapel. It will follow the MCCW Mass at 9 a.m. The meeting includes a program and lunch. All women are invited. The *Protestant Youth of the Chapel* will meet at 6:30 p.m. at the Bicentennial Chapel for movie day. The *Widows or Widowers* group will meet at 7 p.m. March 10 at the Bicentennial Chapel. Weekly events at the Bicentennial Chapel include the *Protestant Youth of the Chapel* Saturdays at 5 p.m. unless otherwise announced, the *Catholic Youth of the Chapel* Sundays at 6:30 p.m., the *Protestant Women of the Chapel exercise class* at 8 a.m. Mondays, Wednesdays and Fridays, the *PWOC aerobics class* Thursdays at 8:30 a.m., the *PWOC Bible study* on Wednesdays at 9:30 a.m., the *PWOC book study* Mondays at 9:30 a.m., and the *Korean Catholic Bible study* Fridays at 7 p.m. An *Officers Christian Fellowship/Christian Military Fellowship* meets at individual homes Thursdays at 7:30 p.m.

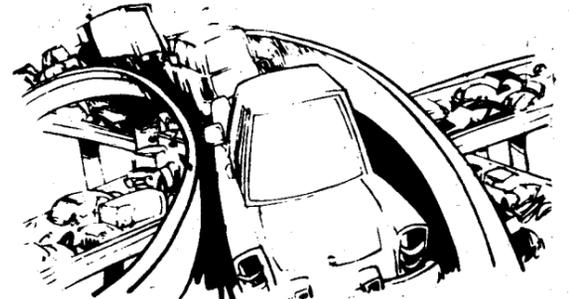
## Shrine charity drive

The Cahaba Temple Shriners will hold their annual Palm Sunday Paper Drive from April 6-12. Shriners will be passing out copies of the "Palm Sunday Newspaper" and asking for donations. They can be identified by their Cahaba "red fezzes." Helpers will be wearing Cahaba Shrine buttons. Funds raised during the drive will go to the Shriners Hospitals for Crippled Children.

## College chorale

The Shorter College Chorale, currently on its spring tour, will present a concert of choral and organ music at 7:30 p.m. Sunday, March 8 at the First Presbyterian Church, 307 Gates Ave. SE. The concert is free and open to the public.

# Carpool Hotline



Call 876-1500 to place your free carpool ad.

## Hartselle/Falkville Cullman

Carpool or ride wanted from Hartselle, Falkville or Cullman area to 5435, hours flexible. Jim Gray 876-3929.

## Northwest Huntsville

Riders wanted from Northwest Huntsville (Mastin Lake/ Pulaski Pike area) to 4488 and 5681. Hours 8-4:30. Crawford Kelley 876-2764/2849.

# 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 newspaper are available on an equal opportunity basis.

**FOR SALE:** 1982 Dodge Diplomat silver exterior, dark blue cloth interior, air, power steering and brakes, AM radio, V8, 78K miles, \$2975. Call after 4 p.m. 615-732-4830.  
**FOR SALE:** All wood king size waterbed, canopy with mirrors, bookcase headboard with lamps and mirror, four months old, \$1500 new will take \$600. MUST SELL! Call 586-5212 home or 876-1352 work ask for Joyce.

**FOR SALE:** Near Arsenal, two story condo with solar energy/heating, two bedrooms, 1 1/2 baths, sun deck and patio, spacious living room and dining area, ceiling fans and mini blinds throughout, fully furnished kitchen with washer and dryer, microwave to stay, pool and recreation room privileges also, \$45,000 Call 882-1178.

**FOR SALE:** Ping pong table \$50. Dog house \$10. Call 837-2524 after 5 p.m.

**FOR SALE:** Four P185/70 R13 Bridgestone radial tires with good tread. Fit Honda Accord \$50. Jackson 12 gallon hot water heater \$85. Call 881-9337.

**FOR SALE:** Radio Shack remote control telephone answering machine system \$75. Call 881-7772.

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**FOR SALE OR RENT:** 1982 12x65 mobile home, two bedrooms, one bath, no equity, take up payments of \$180 per month with only 5 years left on loan. Call 883-2074.

**FOR SALE:** 1985 VW Quantum, auto, all power including sunroof, 20,000 miles, \$8500. 1986 Mercury Sable wagon, less than 6000 miles, extra clean, five year warranty, \$12,000. Call 876-2088 or 883-2238.

**FOR SALE:** 8 year old racking horse \$750. 2 Chevy van seats \$100. Call after 5 p.m. 880-0660.

**FOR SALE:** 1978 Dodge Aspen station wagon SE, power, air, sport interior, clean, book wholesale \$1345 will sell for \$1150 obo. Call Bill at 876-5790 or 539-2202.

**FOR SALE:** Refrigerator \$100. Washer and dryer \$135 each. 40" kitchen range \$75. Black and white TV \$25. Freezer \$175. All in excellent condition. Guaranteed. Call 533-3697.

**WANTED:** Excess items you don't need or want when cleaning out closets, storage sheds or garages. James Rice says he will clean them out and pick up the items free of charge. Call Rice 880-8230 and leave message.

**FOR SALE OR TRADE:** Eight sets of BDU's 34 by 30, at \$15 per set. Field jacket (BDU) for \$25. 1971 Plymouth Duster—mags, good body, pin and tuck interior to include seats, door panel and dash, \$500 worth of work; slant 6-cylinder engine locked up; automatic; asking \$375. Call 880-8230.

**FOR SALE:** Sofa and love seat, contemporary blue plush, \$275. Washer and dryer, \$250. Call Larry Pelletier 830-5924.

**HOUSE FOR SALE:** 5 bedrooms, 2 full baths, upstairs, master bedroom approx. 16x33, living room, separate dining room, large kitchen and large den downstairs, and 1/2 bath, 3 car garage, vinyl siding trimmed in red, located at 4613 Ardmore Drive near Oakwood and Jordan Lane. \$84,900 Call 895-9399 for appt.

**FOR SALE:** Mobile home and 1/2 acre lot with 8x10 storage building, 14x70 Flamingo by Redman, Inc. 2 full baths, 2 large bedrooms, many extras, central heat and air, dishwasher, microwave oven, vented range, refrigerator, living room has cathedral ceiling, ceiling fan. Near Meridianville, phone, lights, water and TV Cable service, \$30,900 Call 859-2861.

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**FOR SALE:** 1983 Mazda RX7 GS, five speed, air, AM/FM stereo cassette, sunroof, chrome wheels, remote power sport mirrors, remote rear deck and gas cap lock, rear deck defroster, digital clock, \$8500 obo or \$950 down and \$209.27 per month for Redstone Federal Credit Union loan. Call Bill at 876-7506 or 837-8331.

**WANTED:** Window air conditioners that are not working. Will pay \$5-\$30. Call Arthur Henry 859-6287 (home) or 876-7678.

**\$373.00**  
Total outlay by qualified vet buys this 3 bedroom rancher near RSA gate. Monthly payment \$373, VA, 8 1/4%. Total \$41,900.

**\$420.00**  
Total outlay by qualified vet buys this nice clean 3 bedroom ranch. 3 minutes from Drake gate. New carpet, excellent condition. Fenced back yard. Monthly payment \$548, VA, 8 1/4%. Total \$62,500.

**\$475.00**  
Total outlay by qualified vet buys this clean, neat brick ranch. Living room, den with fireplace, covered patio, fenced back yard, fruit trees and much more. Monthly payment \$483, VA, 8 1/4%. Total \$54,900.

**\$483.00**  
Total outlay by qualified vet buys this super neat 3 bedroom brick ranch on 2 1/4 acres. Close enough to work but far out enough for houses. New, pick your color of paint. Monthly payment \$559, VA, 8 1/4%. Total \$63,500.

**\$495.00**  
Total outlay for qualified vet buys this 3 bedroom brick rancher, 2800 sq.ft., basement, mother-in-law suite, on an acre of land. Another acre adjoining it, fenced for horse, and available for rent. Water access 2 blocks away and your on the lake fishing or skiing. Monthly payment \$610, 8 1/4%, \$69,900.

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**FOR SALE:** 1979 Chevrolet 3/4 ton, 350 auto, AM/FM stereo cassette, power steering and brakes, \$2800. Call 881-9868.

**FOR SALE:** 1985 Chevy Hi-Top conversion van, auto, all power, front and rear air, luggage rack, 12,000 miles, four captain chairs, sofa bed, TV, CB, royal blue-silver, boat hitch, bug shield, call 881-1549 after 4:30 or 89-3996 during day.

**FOR SALE:** 1984 Chevrolet Citation, one owner, 22,000 miles, auto, air, radio, new tires, champagne color, new battery, have original ownership registration papers, no waiting, \$5000. Call 539-4697.

**FOR SALE:** 1984 Honda Aero 80 scooter, runs great, looks good, great gas mileage, great second transportation for the upcoming summer weather. \$800. Call between 5:30 and 8 p.m. 205-837-0538.

**FOR SALE:** Antique, three-drawer dresser with beveled mirror, \$150. Antique sideboard (buffet), \$225. Ethan Allan schoolmaster's desk, \$150. Microwave (J.C. Penneys), \$110. Call Capt. Comer 881-2265.

**BOAT FOR SALE:** 1974 Glasspar, 17-and-a-half foot inboard/outboard boat, 140 hp, power trim, Mer/Cruise walk-through windshield. New full top and side curtains. New engine and carpet. Tandem and tilt trailer. Asking \$3,500. Call 784-5908 after 5 p.m.

**HOUSE FOR SALE:** 3 bedrooms, one bath, NW, fenced, central heat and air, carpeted, stove, refrigerator, dishwasher, fruit trees, excellent condition. Equity and assumable loan, \$40,000 or equity. Call 881-3061.

**FOR SALE IN SECLUDED AREA:** Two bedroom, one bath mobile home, partially furnished, excellent condition, central heat and air, located in best park in Huntsville, \$6,200. Call 536-0855 between 8-12 a.m. 4tp.

**FOR SALE:** Washing machine \$100. Antique bathtub, metal, \$70. Garden breaking plow and disc \$70 each. Sears lawn dethatcher \$50. Window air conditioner \$75. Bar stools (2) \$30. 3 ft. countertop \$10. Call 895-9399.

**FOR SALE:** Used 18 ft. heavy duty trailer, tube rail construction, with dual axles, radial tires, electric brakes and bulldog hitch, approx. 1 1/2 years old and in good condition. Old platform scales and misc. horse drawn plows and cultivating equipment. Call Gary 895-5638 or 837-3760.

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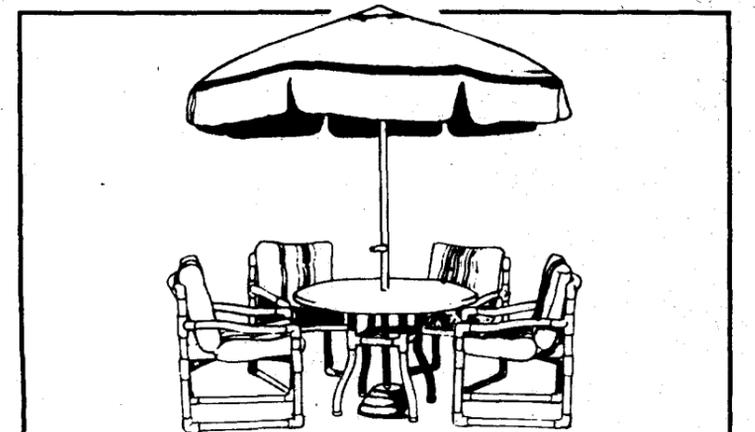
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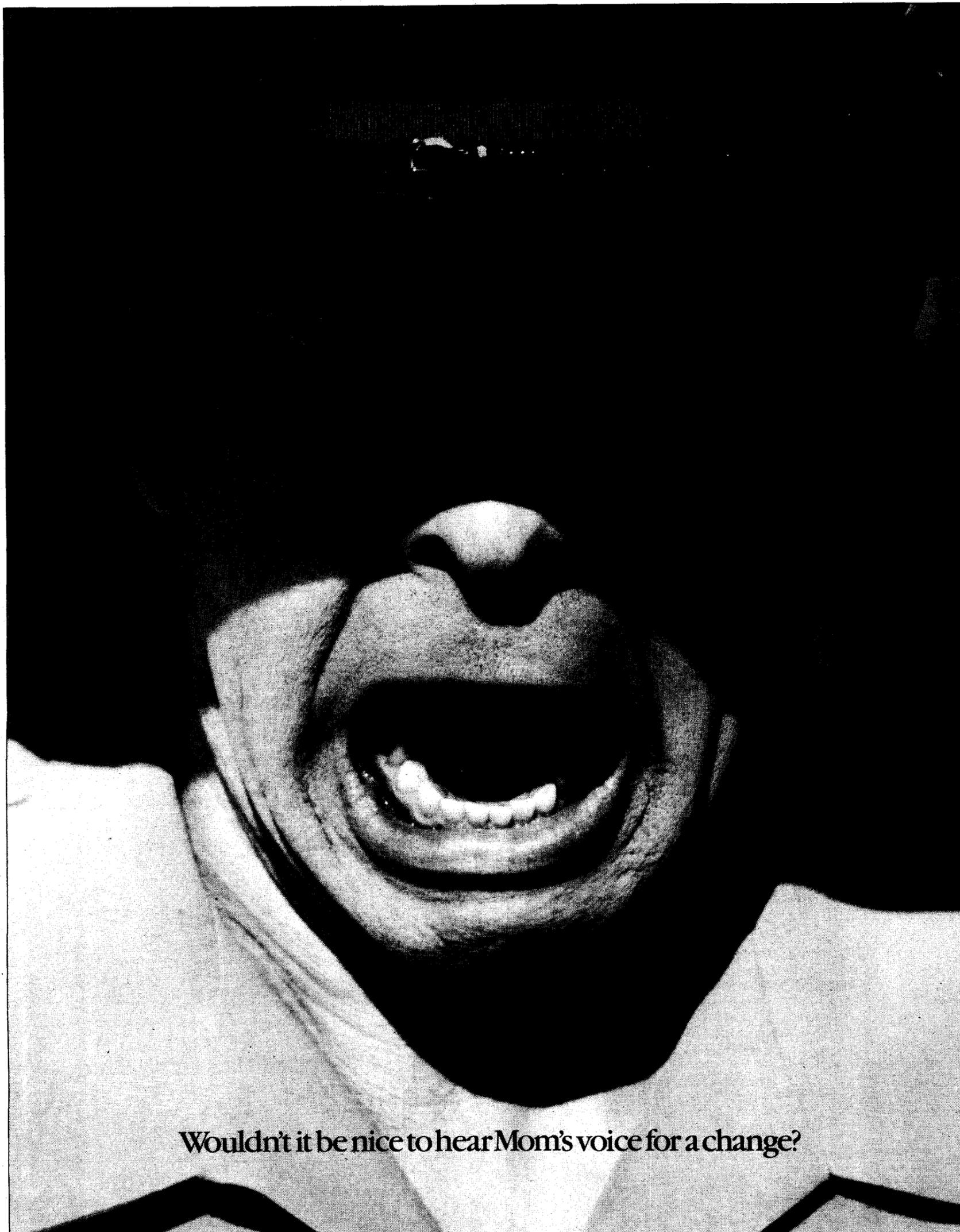
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