

Redstone Rocket

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MICOM test engineers try out jeep replacement



HERE FOR TEST—A soldier peers through the G/VLLD in tests with new vehicle.

Army Missile Command test engineers have gotten a sneak preview and a chance to kick the tires of a new wheeled vehicle that will begin replacing the Army's aging transportation fleet by early 1985.

Scheduled to replace the Jeep, Gama Goat, and Mule, among others, the high mobility, multipurpose wheeled vehicle (HMMWV) came to Redstone for several weeks for compatibility tests with MICOM's

TOW and Ground/Vehicular Laser Locator Designator (G/VLLD).

MICOM just recently completed extensive tests with the vehicle, developed by the Tank Automotive Command at Warren, Mich., and now the Army will review and evaluate data for all agencies involved.

HMMWV features four-wheel drive on a 1 and 1/4 ton chassis with several body designs for combat and support roles. HMMWV will carry troops, cargo, missiles and weapons, and serve as ambulance and reconnaissance vehicles.

The version that came to Redstone looked like a Jeep fast-back.

"We wanted to see if the physical space was adequate to mount and operate the G/VLLD on the vehicle," said Clatus Rutledge of the Hellfire/GLD project office. G/VLLD is the Army's most precise laser designator and rangefinder.

"We conducted tests to see if there is any degradation in tracking targets from the vehicle, with and without the engine running. Is the carrier stable enough? Can we achieve a high hit probability?"

"Those were some of the questions for which we're seeking answers," Rutledge said, explaining that some tests here looked at both a day and night capability.

Tests with TOW were similar but included some additional requirements.

"We installed TOW 2 on the HMMWV to evaluate the vehicle, equipment and man interface," said Carl Huber of the Flight Test Division in MICOM's Test and Evaluation Directorate.

"We also fired several slugs to measure sound and overpressure levels under a variety of conditions."

"And finally, MICOM concluded the tests by firing two live TOW missiles," according to Russell Freeman who monitored the tests for the TOW project office.

"We wanted to see if the electrical systems of TOW 2 and the vehicle were compatible," he said.

Data from the tests will be incorporated into production HMMWV's scheduled to begin coming out early next year.

Army launches voluntary reclassification program

WASHINGTON—Some 15,000 soldiers will soon have the opportunity to consider changing their military occupational specialty, according to Army personnel officials.

Selected E-4's to E-6's will be notified in early March through letters from the Army's Military Personnel Center about voluntary reclassification from their existing specialties to ones with greater potential for career advancement.

Milpercen officials say this effort will help the Army meet ongoing force structure realignment in a more practical way.

Letters of explanation will be sent through the unit commander to the affected soldier. The commander is being asked to counsel the soldier on the advantages of taking part in the program. These include an expansion of professional knowledge via formal retraining and notably improved career progression and promotion opportunity.

Soldiers selected will be from identified overstrength specialties and given the opportunity to choose from ones included on a shortage listing.

For example, officials say, if a soldier holds a

specialty identified as overstrength in a combat support or combat service support career management field, that soldier would be well advised to consider the prospects of switching specialty into an understrength combat arms field. By doing so, officials explain, the soldier leaves a "promotion-stagnant specialty," where some 900 points may be needed for promotion, and enters a specialty that may require some 450 to 600 points for promotion to grades E-5 or E-6.

Milpercen officials explain handling of the identification and referral procedures in this way:

After the commander's counseling session, the interested soldier will be referred to the servicing military personnel office for processing through the specially designed "skill alignment module." The soldier's current qualifications will be updated. A listing of specialties from which to apply will then be provided to the soldier who selects, on priority basis, up to five specialties.

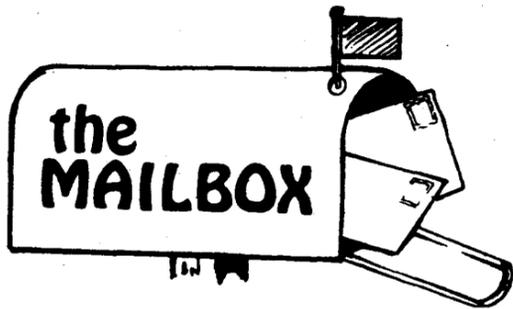
Officials point out that the voluntary reclassification program offers the soldier a few added features. Among them, a computation of the average time-in-service for promotion to the next two higher grades in

the listed specialty; and a statement of whether the specialty has a selective re-enlistment bonus.

Soldiers identified as being qualified for reclassification in a given specialty will have their requests processed through military personnel channels to the U.S. Army Military Personnel Center in Alexandria, Va. The action process will take no longer than 45 days from the date of the letter notifying the soldier.

If at least 5,000 candidates agree to voluntary reclassification, enlisted personnel officials at Milpercen will view the project as a complete success, contributing to an improved readiness posture. "It will help the retainability of our soldiers—inspiring more reenlistments," said Col. Alan H. Byrne, project officer for the reclassification program at Milpercen. "We hope that the commanders and their troops will take a close look at it and recognize the advantages in responding to it."

Based on a review of past Milpercen efforts at both voluntary and mandatory reclassification, Byrne noted that this "open-season" opportunity should produce nothing but a positive reaction through all the ranks. (Arnews)



Historical blame

Editor:

The discriminate attitude nurtured by some that an historical blame for minority inequities and responsibility of retribution through an ethnic posterity, now be accepted by certain majority, is bias, selfish, and arrogant.

I am of that majority and categorically state that I do not accept liability for nor feel obligations of tribute as regarding the actions of my forefathers or of my own kindred. I do not agree with nor can I undo the inequities of the past. No formula of recompense can be applied, at least not justly. The so called idea of "necessary evil" of preferential treatment only shifts the inequity from one people to another, and it is not without a bitterness and ethnic rejection that understandably would accompany such action. The alarming result will be not the previous opposition, struggles, and disappointments of tens of thousands of minorities, but I fear, the backlash of tens of millions of the majority. What I'm saying is that instead of solving a problem by declaring and enforcing a true equity, we seem to be building a mountain of inequity to cover up the former. It can quickly be seen that a gross error is again being committed.

I was raised during the first year's efforts to establish "equal rights" and reached adulthood during the struggles and turmoils this nation experienced toward that goal. I was not taught bias as opposing an ethnic group, but I was influenced by my peers as is everyone. I accepted certain bias ideas that only began to subside as I saw first hand the way peoples conducted themselves toward one another. I realized that I must accept the rights of others so long as they are founded on a fair and just principle, and to support those rights until they be relinquished by criminal acts against society.

I attended the "Racial Awareness" classes a few years ago. The attitude of give us just because of so and so, was projected by an individual. He felt that society today should "give" him what his kindred failed to achieve centuries ago, notwithstanding the idea of earning that received was to be absent. I expressed an opposition to this idea then as I do now. That I have done you nor your kindred any wrong or injustice. I owe no one today any debt claimed by you that should have been paid to someone else. All I owe you is exactly what you owe me. Neither is to blame for the past, so let's put the past behind except for lessons learned. We can continue to begrudge and to seed the cancer of hate with no more chance for a

reconciliation possible than was a lifetime ago, to force a continued social warfare—or we can work together expecting nothing more than we are willing to give.

James D. Penny

NCOs not invited

Editor:

There are currently plans being developed for an MMCS Hail and Fairwell Party to be held on June 9 at the Civilian Recreation Area. The personnel that are being invited are: MMCS permanent party officers and sergeants majors, all MMCS civilian employees,

MMCS allied student officers, ROTC officers of Alabama A&M University and Chapel officer personnel.

My question to those formulating this party is; if this is an MMCS Hail and Fairwell, why are the NCOs in the grade of E8 and below who are also assigned to MMCS being excluded from this function? I would like those who are in a responsible position within MMCS to respond to this question.

This situation seems to be another example of the continuing disrespect shown to anyone below the grade of E9 assigned to MMCS. However, you can bet that when it comes time to set up the Civilian Recreation Area for this party, those that were not "invited" will be asked or told to assist. What a sad situation.

Name withheld by request

This month in history

- 42 years ago:** Lt. Col. Carroll D. Hudson, commander of Redstone Ordnance Plant, assembled and loaded the first item of ammunition (a high explosive burster tube for 105mm shells) in the opening ceremony of Burster Line #1 (March 27, 1942).
- 35 years ago:** The Huntsville Arsenal was declared surplus to the needs of the Army for the second time and ordered sold to the highest bidder (March 17, 1949)
- 32 years ago:** ● Three Corporal battalions were activated—the first ballistic missile units to be formed in the United States (March 1952).
● The Provisional Redstone Ordnance School was established at Redstone Arsenal (March 3, 1952).
- 30 years ago:** The first Nike Ajax anti-aircraft guided missile battalion was tactically deployed at Fort Meade, Md., ushering in the guided missile era in air defense (March 1954).
- 26 years ago:** ● A Jupiter C missile placed Explorer III in orbit (March 26, 1958).
● The Army Ordnance Missile Command was established at Redstone Arsenal, with Maj. Gen. John B. Medaris as the commanding general (March 31, 1958). Subordinate elements of the new command were the Army Ballistic Missile Agency, the newly created Army Rocket & Guided Missile Agency, the Jet Propulsion Laboratory, the White Sands Missile Range, and Redstone Arsenal. The Army Rocket & Guided Missile Agency assumed the technical missions of Redstone Arsenal, leaving the latter with the primary mission of providing support and housekeeping services for the entire

arsenal complex.

- 25 years ago:** Juno II Vehicle 14, the second Army missile to carry a NASA lunar experiment, lofted the Pioneer IV on a trajectory past the moon and into orbit around the sun—the first US solar satellite (March 3, 1959)
- 21 years ago:** ● The first U.S. Sergeant battalion was deployed overseas (March 1963).
● The first European Corporal battalions were inactivated (March 31, 1963)
- 20 years ago:** The new Francis J. McMorrow Laboratories were dedicated to the memory of Maj. Gen. McMorrow (March 12, 1964). McMorrow commanded AOMC/MICOM from May 26, 1962 until his death on August 24, 1963.
- 11 years ago:** The Tennessee River crested at 569.8 feet, about 2 feet above the previous all-time high recorded Feb. 3, 1957 at Redstone Arsenal. (March 19, 1973). The flood damage was estimated at \$176,000. Everything south of Martin Road was under water.
- 9 years ago:** The first Dragon overseas unit became operational (March 1975).
- 8 years ago:** ● Under Secretary of the Army Norman R. Augustine visited MICOM for the dedication of the Advanced Simulation Center (March 10, 1976).
● The Secretary of the Army approved the project manager charter for the Chaparral FAAR systems (March 10, 1976).
● The Cannon Launched Guided Projectile was named the Copperhead (March 1976).

Compiled by Mary T. Cagle,
Command Historian

Missile pioneer Hammill succumbs at Bethesda

Retired Col. James P. Hammill, 64, a prominent figure in the early days of the missile program at the arsenal, died Friday.

Burial was scheduled Tuesday morning in Arlington National Cemetery with full military honors.

Hammill worked with the late Maj. Gen. Holger N. Toftoy in bringing the Von Braun group of rocket scientists from Germany to the U.S. at the end of World War II. He moved with the group to Redstone

Arsenal from Fort Bliss in 1950. He commanded the 9330th Technical Service Unit, the military group that supported the rocket scientists.

He later commanded the missile test center at White Sands in New Mexico and the ballistics research laboratory at Aberdeen Proving Ground, Md.

A New York native, Hammill retired from the Army in 1961 and entered law practice and became an administrative judge in Calvert County, Md.

FE's Ted Kornman dies on eve of retirement

Paul T. "Ted" Kornman Jr. died last Thursday on the eve of his retirement from Facilities Engineering.

Kornman, 60, was to have retired Feb. 24 after more than 32 years in federal service.

He worked in the master planning, construction and environmental office as an MCA program engineer. Recent programs he was involved with include the missile systems software center and the new barracks

and fire stations.

Co-workers said Kornman had cleaned out his desk last Wednesday and suffered a heart attack late that afternoon while at home unloading a box of personal effects from his car.

A graveside service was held Saturday afternoon with burial in Maple Hill Cemetery. Survivors include his wife, Delores, and two adult sons.

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Reviewers want 'fair and reasonable' parts prices

Programs are under way here to identify missile repair parts prices that do not meet the Army's "fair and reasonable" test.

In Missile Logistics Center, groups headed by Sharon Triolo and John McKinney are reviewing thousands of pricing documents in an effort to locate and challenge examples of improper pricing.

In an initial search that ended recently, prices of repair parts for the Patriot, Multiple Launch Rocket System and Fire Team Support Vehicle—some 3,742 items—were examined.

In a second phase that is under way now, some 12,000 repair parts belonging to new missile systems are being scrutinized for fairness in pricing. In later phases the remaining thousands of spare parts managed here will be screened.

The Missile Command spends annually over \$580 million on more than 57,000 repair part items.

Repair parts pricing has been the subject of intense scrutiny within the Defense Department since it was revealed that sloppy management and price gouging by vendors had resulted in military agencies paying exorbitant prices for low-cost items. Two widely publicized examples were a \$400 hammer and \$1,000 paid for a plastic cap worth a few cents.

After these disclosures Secretary of Defense Caspar Weinberger announced his intention to rid the military supply system of spare parts abuses.

In response to Weinberger's direction, the Army instituted bold programs to search out and challenge spare parts prices that do not seem fair and reasonable.

As part of one of these programs, the Missile Command late last year established a Parts Acquisition Office staffed by logistics, engineering, procurement and computer specialists with the mission of implementing a series of DARCOM acquisition initiatives that include reducing spare parts prices by promoting competition among vendors.

Data file checked

Meanwhile, Triolo's group in the program and budgeting division of Material Management Directorate is examining missile repair parts prices published in the Army Master Data File. Items that have never been bought before are being forwarded to appropriate project offices and to Maintenance Engineering Directorate for a determination whether they have reasonable estimated prices. The procurement histories of repair parts already in the supply system are being scrutinized to see if parts seem to cost more than they should or have undergone a significant price increase.

McKinney is with the provisioning branch in Maintenance Engineering Directorate which is responsible for selecting the items that will be stocked as repair parts. In making the selection, they use provisioning technical documents developed by contractors simultaneous with engineering documentation. His group is scrutinizing the estimated prices listed by contractors on the provisioning documents.

Within Triolo's program and budgeting division the command has established a "challenge program" with Triolo in charge.

In this program, prices that are suspect are challenged to determine if they are in fact fair and reasonable.

Triolo issues a challenge whenever she turns up a suspect price or one is reported to her.

The challenge process may involve a price investigation and analysis by project office, procurement, laboratory and engineering elements of the Missile Command as well as by the contractor.

A "pricing summit" was held here Jan. 20 by Missile Logistics Center in which command elements



CHALLENGE PROGRAM—John McKinney and Sharon Triolo go over a diagram of how various command elements assist

were called together to learn about the price review and challenge program.

At this meeting challenge procedures were worked out and a point of contact established in each element for the Missile Logistics Center reviewers to work with.

Good support

"In every case where we've needed support, P&P, systems engineering and from everyone involved in the technical loop relating to price challenges—they've been completely supportive," said Gerald Tucker, Triolo's boss in program and budgeting division. "I think the command's really energized to this pricing issue," he said.

Triolo said challenges have originated from several sources, apart from her and McKinney's price reviews. Some have resulted from calls by users to the Army's "hotline" service for reporting supply items that appear to cost more than they should. This service located at the Army's Catalog Data Activity in New Cumberland, Pa. calls on Triolo for verification of prices for missile parts. She has received price challenges from Navy and Air Force users of MICOM-supplied parts and from foreign military sales customers and also takes price verification requests from local people.

In one instance, she was brought a \$200 screw for price verification. That price has been challenged.

Triolo and McKinney's own price reviews have

when the price of a repair part is challenged as unfair.

resulted in numerous challenges: a \$186 shim, a \$579 slide button and a \$240 mounting bracket to name just three.

They say intuition plays a role in their deciding which prices to challenge. They also look for parts that have increased or decreased substantially in cost.

McKinney's group pays particular attention to parts that are new to the Army supply system with the thought that maybe a part already in the system can be substituted at a cost savings.

Not much help

Triolo has one person, Linda Scott, helping full-time and several part-time workers assisting in the search through thousands of pricing documents.

In McKinney's provisioning branch, the mountain of paperwork is being rotated among a staff of approximately two dozen who continue to also carry on their customary work in support of maintenance engineering.

Despite the burden the pricing review has become for Triolo and McKinney and their staffs, both managers look upon it as a necessary task that is good for the Army.

"It's very important, and very time consuming," says McKinney, "but we are what we are, and we are charged with managing every taxpayer's money."

And he nods in agreement when Triolo states, "You really feel good when you can find an item that has a wrong price and can change it."

Army schedules second astronaut

HOUSTON—NASA officials have scheduled Lt. Col. Sherwood "Woody" Spring for a 1985 shuttle flight, which will make him the second soldier to venture into space.

Spring is scheduled to fly with space shuttle "Challenger" during its 9th flight. He will help his crew in their mission to deploy a satellite and retrieve another that will be launched in April.

Spring follows Lt. Col. Robert L. Stewart, who became the first Army astronaut in space during the shuttle mission in February. Stewart performed the first untethered space walk in a Buck Rogers-style self-propelled space suit during the flight.

A 1967 West Point graduate, Spring was selected as an astronaut candidate in 1980. (Arnews)

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Program open to quality suggestions from workers

BY SKIP VAUGHN

A possible money-saving idea might be at each person's work site waiting to be submitted.

It wouldn't hurt to try, anyway. There could be something in it for both the government and the suggester, according to the civilian personnel office branch that handles the suggestion program.

The program is "to improve the government operations, procedures and productivity as well as to save the government money," says Jimmy Temple, chief of the management-employee relations and incentive awards branch. "An additional benefit is that the employees are rewarded for submitting their ideas to make these improvements.

"The employee benefits twice because they receive a cash award for adopted suggestions. They also receive a benefit as a taxpayer because the suggestion may save the government money," he adds.

There were 509 suggestions submitted for \$300,000 in tangible savings during the first quarter of this fiscal year. The first quarter is generally a slow time for suggestions, Temple says. The Department of Army goal, determined by taking the average savings for the past three years plus 10 percent, is \$7.9 million. "It was a slow start toward the Department of Army tangible savings goal," he says.

Compared to last fiscal year's start, however, the number looks good. There were \$90,000 in tangible savings for October through December 1982. The final total for the fiscal year was \$8.7 million.

"Tangible savings are those savings that you can actually measure. Contrary to that you have intangible savings where you have improvements to procedure, method of operation... You can't put a dollar amount to those savings but you know you have improvements," Temple explains.

A suggestion is submitted directly to his branch at civilian personnel where it is processed and sent on for evaluation. By regulation it goes to the office "of primary interest to evaluate it because they're the ones that know the most about that subject," Temple says.

Military personnel as well as Army civilians are eligible to participate in the program which offers monetary awards for quality ideas. For the first quarter of this fiscal year \$16,500 was awarded to suggesters. Ideas are submitted on a Department of Army form 1045 which should be available through regular supply channels or administrative offices.

The Army has a goal of 225 suggestion entries for every 1,000 employees. There are plans here for a cam-

IT'S LATE!



IT'S LATE

TIME TO SUGGEST

paign in April to encourage submissions of quality suggestions. Last year the Army's top two suggesters of the year both came from local commands, John Black of MICOM and Donald Parker of BMDATC. A third worker, James R. Pierce of MICOM, received a Secretary of Defense award for productivity ex-

cellence. His award too was based on a suggestion. "The suggestion doesn't have to be a million dollar savings to make it worthwhile to submit your idea," says Temple. "There are a lot of possible suggestions around everyone's work area for improving work mission functions that could result in monetary awards."

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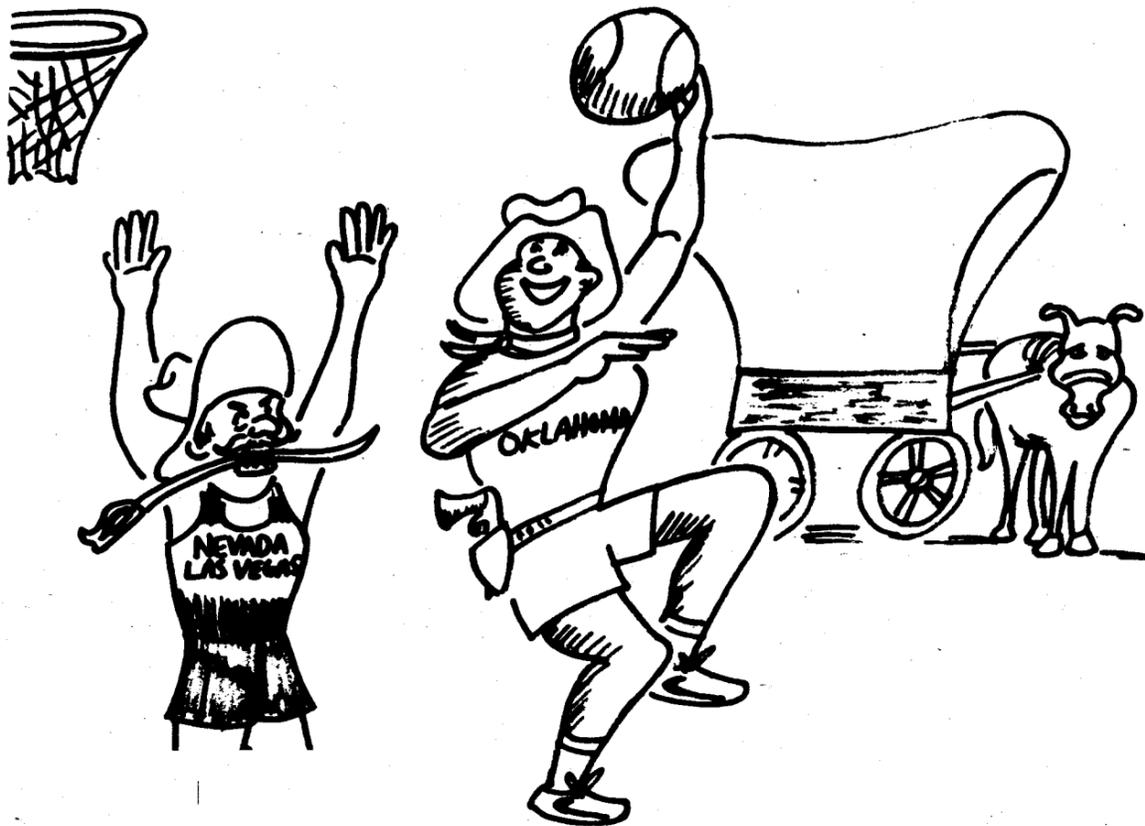
BY SKIP VAUGHN

Nevada-Las Vegas goes to Oklahoma this week to take on Waymon Tisdale and the Sooners in major college basketball.

Tisdale, an All-American scoring machine, should lead the Sooners to a home court win. Most teams enter season-ending tournaments after this week.

Skip's Picks resulted in a 15-10 record last week, bringing the season totals to 145-76. Here are the picks for upcoming major college hoop action:

- Wake Forest at Virginia (Feb. 29)—Virg.
- Indiana at Purdue (Feb. 29)—Purdue
- Alabama at Florida (March 1)—Fla.
- Washington at UCLA (March 1)—UCLA
- Mississippi State at Auburn (March 1)—Auburn
- Ole Miss at Kentucky (March 1)—Ky.
- Louisiana State at Vanderbilt (March 1)—LSU
- Nevada-Las Vegas at Okla. (March 3)—Okla.
- Alabama at Auburn (March 3)—Auburn
- LSU at Kentucky (March 3)—Ky.
- Ole Miss at Vanderbilt (March 3)—Vandy
- Miss State at Florida (March 3)—Fla.
- St. John's at Villanova (March 3)—St. John's
- Memphis State at Louisville (March 3)—Louisville
- Duke at North Carolina (March 3)—NC
- Minnesota at Michigan (March 3)—Mich.
- Syracuse at Georgetown (March 3)—Georgetown
- Boston College at Connecticut (March 3)—BC
- Florida State at Virginia Tech (March 3)—VPI
- Washington at Southern Cal (March 3)—Wash.
- Houston at Arkansas (March 4)—Ark.
- Indiana at Illinois (March 4)—Ill.
- Georgia at Tennessee (March 4)—Tenn.
- Virginia at Maryland (March 4)—Md.
- DePaul at Detroit (March 4)—DePaul



Civilian basketball league sets two tournaments

Two post season tournaments are on tap in March for the Civilian Welfare basketball league.

CWF all-stars will clash with the Redstone Rockets, made up of players from the troop leagues, in a best of three series starting Monday night (March 5).

First game is scheduled at 5:30 p.m. in the Post Gym, building 3474, and the second will be played Wednesday night (March 7) at 5:30. A third game, if needed, will follow at 7 p.m.

All soldiers and civilians and their families are invited to attend the games.

CWF all-stars include:

Willie Epps, Terry Whitman, and Calvin Boone of

P&P 2; Curtis Simpson, Robert McDonald, James Battle, and Keith Frost of F&A; Leon Williams, Mason Hammons, and James Nesmith of Security; Glenn Gurley and Larry Cable of Missile Systems; Dave Smith of Green Machine; Aubrey Askew of Structures; and James Lanier of Comptroller.

Following that, the Army-NASA tournament is scheduled March 19-21 in the NASA gym, building 4752.

The top four finishers in the CWF regular season play—P&P #2, Security, Missile Systems, and F&A—will meet NASA's top four teams in the single elimination tournament.

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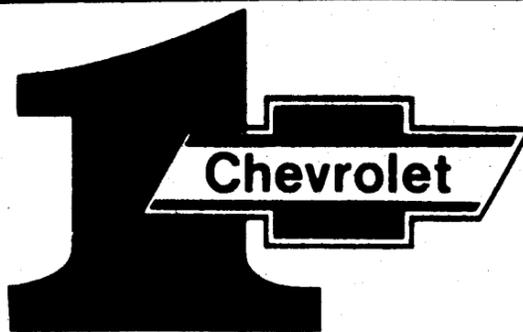
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Soldier receives medal for saving life

A member of a maintenance battalion in Germany under TMDE Support Group has been credited with saving the life of a fellow soldier.

MSgt. Veril Vogel of 517th Maintenance Battalion received an Army commendation medal for using cardiopulmonary resuscitation to help a soldier who was having trouble breathing. The incident occurred Nov. 4, 1983 in senior enlisted quarters at Zweibruecken, Germany.

"He was approached by a man in the barracks. The guy told him he was having trouble breathing so Sgt. Vogel called for two other people to come give him assistance to get him to the hospital," said SFC Thomas Turner, personnel NCO for TMDE Support Group.

The soldier lost consciousness and ceased breathing

on two separate occasions, according to a report on the incident. Vogel used cardiopulmonary resuscitation in both cases and restored the soldier's life signs.

"Sgt. Vogel maintained his vital signs until arrival of the medical team," Turner said.

Vogel works in the operations office at 517th Maintenance Battalion which is the TMDE Support Group's subordinate unit in Europe, according to Capt. Michael Coleman, support group adjutant. "We have two battalions— one in Europe and one in Korea," he said.

An Army commendation medal was approved by the support group headquarters here on Feb. 6. Vogel has been certified as a cardiopulmonary resuscitation instructor since December 1982.

Naval Academy Glee Club in local performances

The U.S. Naval Academy Glee Club will present a series of concerts in Huntsville March 3-5.

The acclaimed choral group consisting of 75 midshipmen under the direction of Dr. John B. Talley is on a tour of the deep south.

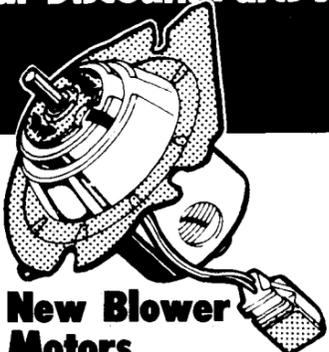
There is a public concert scheduled March 3 at 2 p.m. at the Space and Rocket Center. The group will sing the national anthem at the hockey tournament March 3 at the Civic Center at 8 p.m.

Appearances March 4 include, morning worship service, 10:30 a.m., First Baptist Church; public concert, 2 p.m., First Baptist Church evening worship service, 7:15 p.m., Whitesburg Baptist Church.

The glee club will perform three student concerts on March 5. These are at 8:30 a.m. at Grissom High, 10:30 a.m. at Huntsville High and 2 p.m. at Johnson High.

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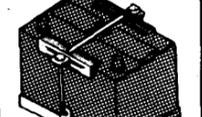
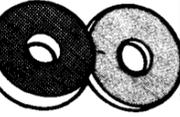
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Engineer spends 'enlightening' year as senator's aide

BY JERRY BERG

High-technology and development is a world unto itself, and so are the halls and offices where public policy is made. Moving between these two "communities"—and functioning effectively in both—is more of a challenge than most people care to tackle.

But, with technology and government affecting each other more and more, the ability to bridge between these diverse communities can be invaluable.

If you ask Doyce Satterfield, an engineer with the Army's Ballistic Missile Defense Advanced Technology Center in Huntsville, learning to work in that "other" world is also a very satisfying experience.

Satterfield recently completed a one-year-fellowship on the Washington staff of Alabama's Sen. Howell Heflin. For someone who had spent the previous 18 years as an engineer and manager of research and development, there was some culture shock associated with being suddenly immersed in the federal lawmaking process.

"It was a totally new, enlightening experience," Satterfield said. "For example, I had no idea of the amount of information which a senator has to deal with, in order to be able to assess all the major issues which are being considered at any given time."

The abrupt transition was eased somewhat, he explained, by the excellent orientation given neophyte congressional staffers. And, formal instruction in the ways of the legislative branch of government continued off and on throughout the year-long experience.

How did he get the chance to suddenly switch from managing R&D work in the Ballistic Missile Defense Program to serving as a legislative assistant to a senator? In a nutshell, by being accepted into the Congressional Science Fellowship Program.

Satterfield, a member of the Institute of Electrical and Electronics Engineers, applied and was one of three members selected by IEEE to participate in the fellowship program last year.

Other professional societies also choose members to participate, so that approximately 35 science fellows are on Capitol Hill each year under the program, Satterfield said.

Although similar to the LEGIS Fellows Program sponsored by the Office of Personnel Management, the two are run separately. LEGIS provides federal managers who are selected with a six-month experience of working in Congress.

The year spent working for Sen. Heflin was particularly meaningful to Satterfield because Heflin assigned him to specialize in high-technology-related matters. Since Heflin is the ranking Democrat on the



ENGINEER Doyce Satterfield says a highlight of his year-long legislative fellowship was attending Congress' Graduate Institute for Legislative Staff.

Science, Technology and Space Subcommittee of the Commerce, Science and Transportation Committee, there was plenty of activity in that area, Satterfield said.

"I feel like, because of my background, I was able to play a significant role in some of the things Sen. Heflin was working on to encourage high technology," Satterfield said. "For instance, I assisted in the drafting of his National Computer Institute Bill, and he consulted me frequently in formulating his support for the space station proposal."

The Computer Institute Bill seeks to stimulate a national effort to hold the lead in the big-stakes "super computer" race, and in developing fifth-generation or "artificial intelligence" computers. Working on the bill was particularly rewarding to Satterfield, since data processing technology is his specialty at the BMD Advanced Technology Center.

With both the Computer Institute Bill and space sta-

tion proposal currently moving through the legislative process, the satisfaction Satterfield found in his experience as a congressional staffer continues even after completion of the fellowship. Now, having returned to his job at the BMD Advanced Technology Center in Research Park, Satterfield feels the program has increased his effectiveness there also.

"The many people I met and contacts I made during that year, I believe, definitely enhanced my ability to perform for the government," he said.

Personally, it was a satisfying year for Satterfield as well.

"It's an exciting environment, stimulating and a beautiful place to live," he said of the nation's capital.

"Some people might not like to work under the 'panic' conditions that existed a lot of the time—having to gather the material for a speech on an unfamiliar subject in just a matter of hours, for instance—but I thoroughly enjoyed it. It's very satisfying being able to respond rapidly to situations which come up suddenly and may be entirely new to you.

"Perhaps what impressed me most was the degree to which the senator's staff accepted me," said Satterfield. "They allowed me to become fully involved in the business of the staff, even though everyone knew I was only going to be there a year."



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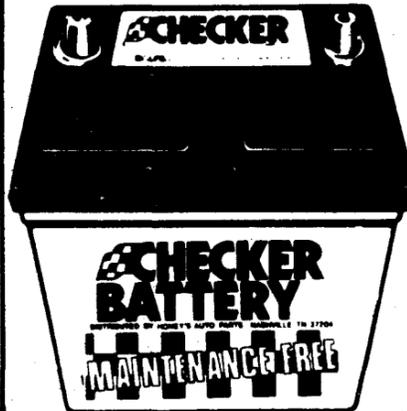
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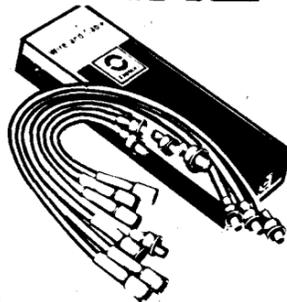


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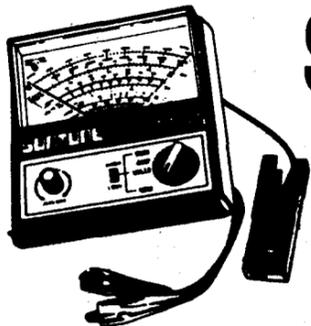
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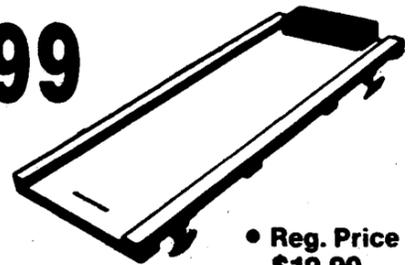
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Pressing of BDU is commander's decision

WASHINGTON—Local commanders now have the option to determine pressing requirements of the battle dress uniform.

The revised policy modifies an Armywide requirement for pressed BDU's in garrison environments.

Pentagon officials say the intent of this new guidance is to improve soldier appearance at special functions such as parades. Reviews, inspections, funerals, and other ceremonial occasions. (Arnews)

Army aviators looking for song

FORT RUCKER, Ala.—Army aviators may have something to sing about, but they have nothing to sing. So, the Army's new aviation branch is looking to solve the problem by holding a competition to find its own song.

Branch officials say the song should be easily adaptable to marching arrangements for military bands at a standard cadence of 120 beats per minute. They also prefer something with no more than two melodies that the average, untrained voice can handle.

The competition winner will receive a \$250 savings bond and recognition in the Army aviation museum

here.

Interested songwriters should record their entries on high-quality cassette tape and send them, along with a full lead line and chorus, to: Commander, US Army Aviation Center, Attn: ATZQ-P, Fort Rucker Ala. 36362.

The contest is open to all persons at least 18 years old. All submissions must arrive by May 1. The winner, who must agree to assign an unencumbered copyright to the Army, will be announced June 15.

For more information call the Aviation Pronency Office at Fort Rucker, Autovon 558-6360. (Arnews)

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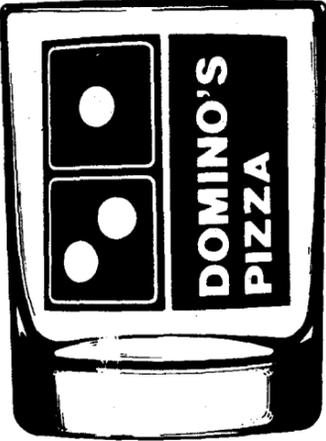
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Redstone Blood Program has new coordinator

Naomi Whitaker stepped down to give someone else a chance at the volunteer duty of blood program coordinator but she won't be very far from the new coordinator.

In fact she'll be right across the room. Her replacement is a co-worker of hers, Donna McVay.

"I realize it's a job that has to be done and it's for a worthy cause because it helps save lives," said Whitaker, the secretary in reproduction branch of RASA's support services division. "I did the best I know how. I appreciate all the cooperation...It wouldn't be successful without all the good (individual organization) coordinators and the donors."

"She's done a fantastic job," said Edna Armstrong, chief of support services division.

Since Whitaker became coordinator 18 months ago, the number of monthly donors has grown from about 400-500 up to 600-700. She and Armstrong attribute the growth to a number of factors including keeping in touch with various coordinators, contractor participation, and open heart surgery in the Huntsville area that has made donors more aware of the need for blood.

Redstone Arsenal's donors represent about 40 percent of the total Madison County blood collection each month, according to the Red Cross.

McVay assumed the post of blood program coordinator here at an annual awards ceremony last week. Whitaker was among the program honorees. She received a Special Act Award from Maj. Gen. Jerry Max Bunyard, MICOM commander, and a plaque from Ken Roberson, manager of the Madison County Chapter for the American Red Cross.

"I'm looking forward to it, getting out and meeting more people and having more contact with other people," said McVay, a clerk-typist in reproduction branch of support services division. "I'm sure they'll be problems but, like Naomi said, she'll be here to help answer questions I can't answer. I hope I have the good cooperation from the coordinators and the donors that she had."

The blood program coordinator receives donor slips each month, separates them by office symbols and then by organization strength, and then determines percentages by the number of donors and organization strength. This results in monthly winners. "We always get them a month behind, like I just did January's," said McVay. She also receives from the Red Cross a schedule for blood donations here.

Red Cross trophies and plaques were presented to MICOM organization winners and runner-up winners in six categories at last week's ceremony. Participation awards were given to various contractors and



OUTGOING COORDINATOR Naomi Whitaker turns donor slips over to Donna McVay, the new blood program coordinator.

organizations. Recognized were outstanding donors who have contributed 8 or more gallons of blood over their lifetime. They included Gene Widenhofer of Army Missile Lab's advanced sensors directorate, 14 gallons; Charles Thompson of Missile Logistics Center, 12 gallons and 3 pints; James Kerr of Army Missile Lab's system engineering directorate, 10 gallons; and Keith Fowler of MICOM Legal Office pa-

tent division, 9 gallons and 5 pints.

"We know we've got other outstanding donors that didn't attend," said Whitaker, the outgoing coordinator.

During the fiscal year July 1982 through June 1983, the Redstone community donated 5,435 units of blood. This represented 23 percent of all donations for the northern section of Alabama.

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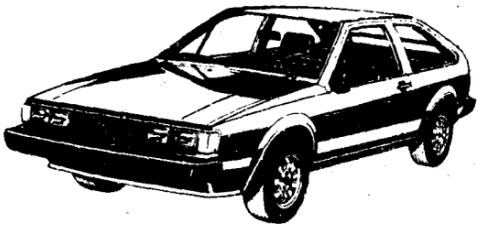
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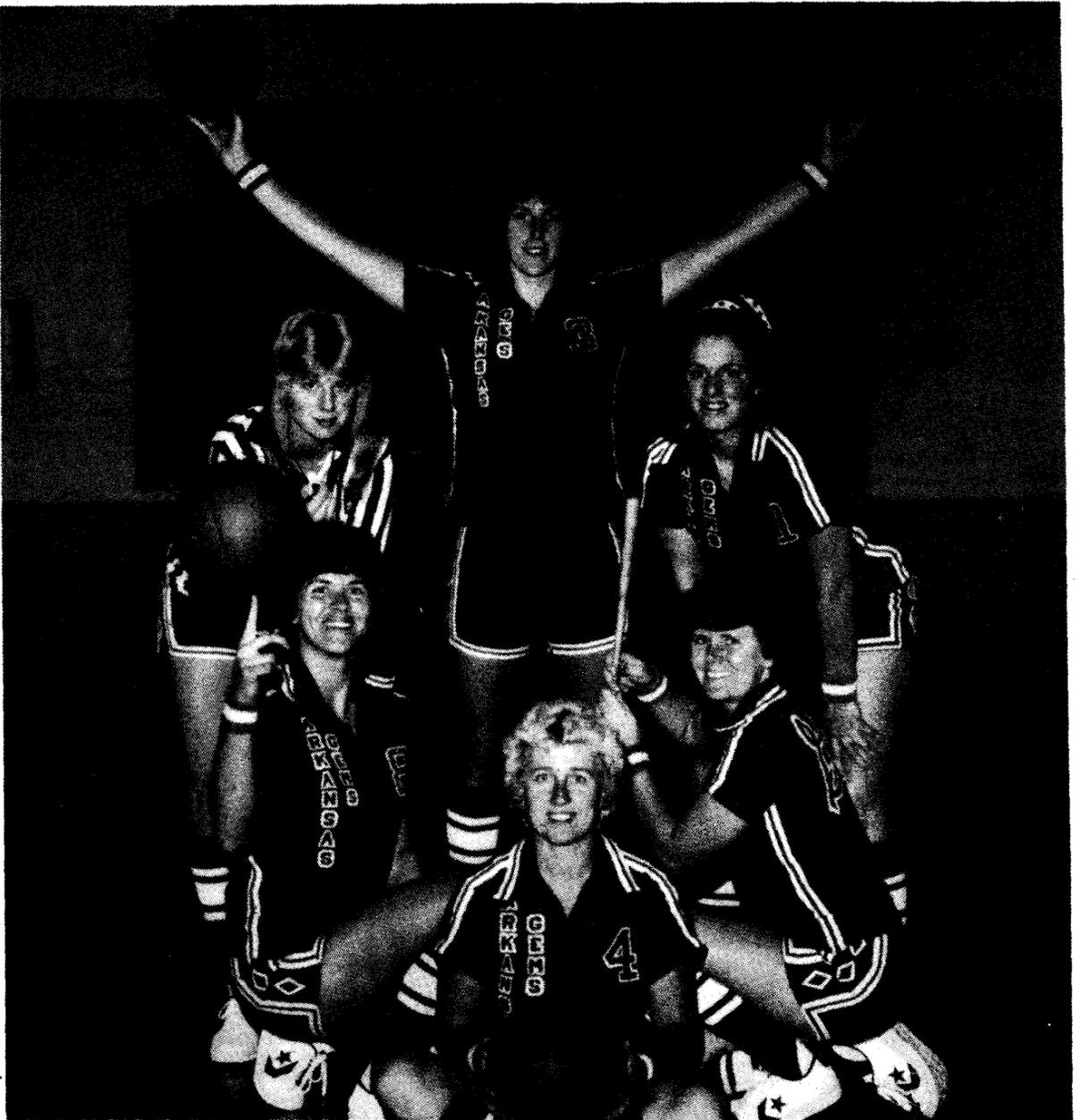
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building 3474. Military personnel and their families are invited to the free event which is being put on by the Sports Office and the Recreation Center.

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New book describes places to go in Huntsville

Soldiers and others looking for places to go in Huntsville might be interested in a new book by a local newspaper writer.

"Where to Find The BEST OF HUNTSVILLE" is a paperback written by Mike Kaylor of **The Huntsville Times**. It contains lighthearted descriptions of the most unique places to eat, drink, shop and be merry in the city and the surrounding area.

Kaylor, editor of the "ShowTimes" supplement in Thursday's Huntsville Times, said "My wife, Shannon Christopher Kaylor, and I realized that there was a definite need for a guide like this in Huntsville. We decided that my position as an entertainment writer and hers as a marketing consultant made this a perfect project for us.

"No one has paid to be in the book," he added. "I made all decisions on what to include based on the uniqueness of each business."

Chapters include Dining, Entertainment, Sights, Shopping, Surrounding Area and Miscellaneous. The cover illustration and cartoons throughout the book were done by local artist Fred Sayers, and the foreword was written by Bill Easterling, columnist for **The Huntsville Times**.

"The way the book is designed, I have played on the words 'Where to Find' and tried to come up with a catchy category for each item included," said Kaylor. "A page at the end of the book invites readers to write me with their own favorites for future reference or updated editions."

Kaylor has worked for **The Times** for the last seven years. During the last five years, he has written a weekly entertainment column called "Night Moves."

The author is a native of Hickory, N.C., and holds a bachelor's degree from the University of North Carolina and a master's degree from the University of Alabama. He moved to Huntsville in 1977 after having worked at the **Anniston Star** and the **Tuscaloosa News**.

The 120-page book costs \$3.95 and is on sale at Parisian in Parkway City Mall. For every book Parisian sells, it will donate \$1 to Fantasy Playhouse, the local children's theater group. The book is on sale exclusively at Parisian through March 8.

Fantasy Playhouse is in its 23rd season and produces four shows each year casting Huntsville youngsters in the parts. The theater group will share in proceeds from the book through March 8.

Ammunition coding subject of study

WASHINGTON—Bar coding of ammunition is currently under study by Army logistics officials.

The logistics applications of automated marking and reading symbol (LOGMARS) system, now being used to account for other classes of supply, could be adapted for use in ammunition accountability.

The Army is developing procedures for receipt, issue, and inventory of ammunition using bar coding, officials say, with the goal of the project being improved ammunition inventory management procedures Army-wide.

The LOGMARS equipment would eventually interface with the computerized standard Army ammunition system (SAAS-4) which is scheduled to be fielded during the third quarter of fiscal year 1985. (Arnews)

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Master of Science in Systems Management

Master of Science in Contract and Acquisition Management

Spring 1984 Quarter
Registration is now open for the
following courses:

| Course # and Title | Class Begins | Class Ends | Class Night |
|---|--------------|------------|-------------|
| SM 5013 Behavioral Science and Management | 16 APR 84 | 25 JUN 84 | MON |
| SM 5014 Management Information Systems | 16 APR 84 | 25 JUN 84 | MON |
| SM 5018 Policy Formulation | 16 APR 84 | 25 JUN 84 | MON |
| SM 5021 Business Law | 16 APR 84 | 25 JUN 84 | MON |
| SM 5034 Program Evaluation | 16 APR 84 | 25 JUN 84 | MON |
| SM 5001 Managerial Accounting and Control | 17 APR 84 | 26 JUN 84 | TUES |
| SM 5006 Managerial Statistics I | 17 APR 84 | 26 JUN 84 | TUES |
| SM 5011 Management Theory and Thought | 17 APR 84 | 26 JUN 84 | TUES |
| SM 5026 Computer Applications for Managers | 17 APR 84 | 26 JUN 84 | TUES |
| CM 5017 Contract and Subcontract Formation | 17 APR 84 | 26 JUN 84 | TUES |
| SY 5051 Maintainability Theory & Practice I | 17 APR 84 | 26 JUN 84 | TUES |
| SM 5000 Financial Accounting | 18 APR 84 | 27 JUN 84 | WED |
| SM 5002 Financial Management and Control | 18 APR 84 | 27 JUN 84 | WED |
| SM 5005 Economic Environment of Management II | 18 APR 84 | 27 JUN 84 | WED |
| SM 5062 Logistics Policy | 18 APR 84 | 27 JUN 84 | WED |
| CM 5011 Procurement & Contract MGMT & ADMIN I | 18 APR 84 | 27 JUN 84 | WED |
| OR 5012 Operations Research II | 18 APR 84 | 27 JUN 84 | WED |
| SM 5022 Analytical Methods in Management | 19 APR 84 | 28 JUN 84 | THURS |
| SM 5028 Data Base Management | 19 APR 84 | 28 JUN 84 | THURS |
| SM 5032 Personnel MGMT & Industrial Relations | 19 APR 84 | 28 JUN 84 | THURS |
| SM 5109 Organization Theory and Design | 19 APR 84 | 28 JUN 84 | THURS |
| CM 5018 Contract Neg & Incentive Contracts | 19 APR 84 | 28 JUN 84 | THURS |
| OR 5020 Linear Programming | 19 APR 84 | 28 JUN 84 | THURS |

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 Building 7446 Warehouse Road, weekdays between 0900-1630.

Soldier has been a sergeant major for 20 years

BY SKIP VAUGHN

CSM Harold Hockenberry has been a sergeant major probably longer than anyone else in the Army.

When he was promoted to the rank 20 years ago in Germany, he celebrated by buying a new Volkswagen for 5,728 marks or \$1,345. His base pay as sergeant major was \$457 a month which is lower than a buck private makes today.

"That shows you what inflation does," says Hockenberry, command sergeant major for TMDE Support Group. It also says something about his longevity in a rank created about 1958. He observed his 20th anniversary as a sergeant major Feb. 26.

There isn't a hint of any lost enthusiasm after all those years.

"The last few years I guess I've set a goal of attaining 20 years in grade for some reason or another. I enjoy the Army and I've had nothing but enjoyable assignments ever since I've been a sergeant major," Hockenberry says. "The assignments keep getting better."

He has some 33 years and 7 months service. As a sergeant major he has served three tours in Germany, one in Korea, one in Taiwan, one in Vietnam, and five tours in the states.

Hockenberry has seen a lot of changes in the Army over his years as a sergeant major. He mentions the smaller force now with a noncommissioned officer education system that turns out "much more qualified" NCOs.

"And today you can be more selective in the people you take in," he says. "It's much easier to get rid of

the people who can't cut it."

In April 1963 Hockenberry appeared before a field promotion board for sergeant major in Manheim, Germany while with the Signal Brigade Europe. He was selected first out of 10 people but stayed on the promotion list for almost a year because of rules then requiring a waiver and a slot to be promoted into.

Finally a slot opened with the start of a new signal battalion in Hilden, a suburb of Dusseldorf, Germany.

"They activated the battalion on a Saturday and I reported in on a Monday," Hockenberry recalls. "To start with we had eight enlisted men and one officer and the officer was a second lieutenant."

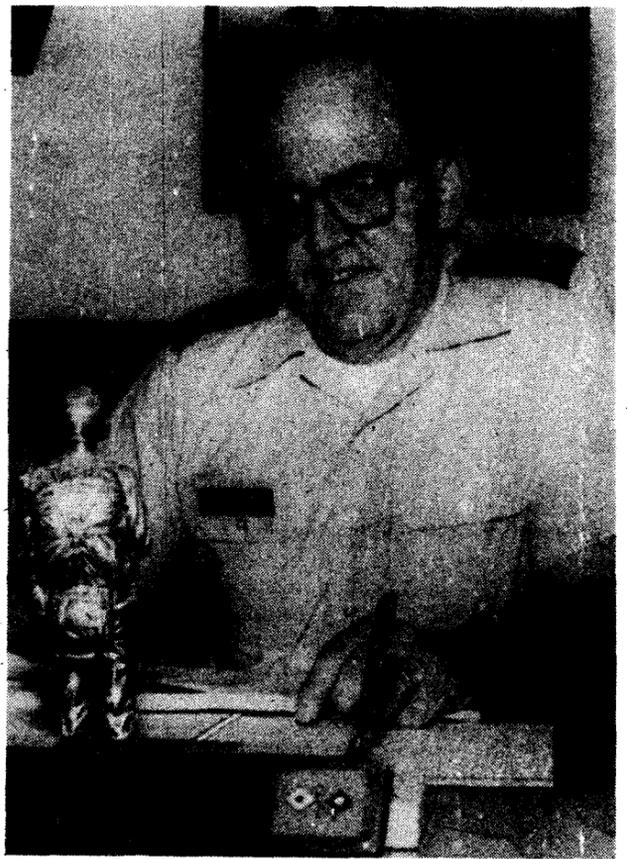
Hockenberry, a native of Butler, Pa. (about 36 miles north of Pittsburgh), enlisted shortly after the Korean War started. His background is with the signal corps but he has had 13 years service with airborne units. He has had 11 assignments as a command sergeant major and came here last October from Frankfurt, Germany.

The 52-year-old soldier and his wife Barbara have a son Jon and a daughter Sharon and two young grandchildren.

"My plans right now are to do the best job possible for the next year and five months I've got left," says Hockenberry. Thirty years service means mandatory retirement unless as a command sergeant major, a soldier is selected for retention for five more years.

This longtime sergeant major would gladly stay longer than the 35 year limit.

"I'd stay forever if they'd let me, I guess," he says. "As long as my health were to hold out and as long as I feel I'm contributing something to the Army."



CSM Harold Hockenberry says he would stay in the Army forever if he could.

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Soldiers have communications outlet to air problems

BY SKIP VAUGHN

Sometimes a soldier would rather talk to another soldier about a problem.

That's the reasoning behind a communications outlet provided by some noncommissioned officers here. An NCO is available at both family housing and facilities engineering to help military personnel and others who might call.

"If a soldier sees something wrong, he's got somebody he can call now," said Sgt. Maj. Barry Woodfill of Redstone Arsenal Support Activity. He credited Missile Command CSM Harvey Kahl with starting this communications channel consisting of himself, Kahl, and the two other noncommissioned officers.

"It opens up that channel where the guy is not afraid to say 'Hey I see something wrong' and he can get it corrected, where I think he would be a little hesitant to call a high-ranking civilian," said Woodfill.

The military representative at housing is MSgt. Joe Daniel and the one at Facilities Engineers is MSgt. George Trendell.

Daniel, NCOIC in the housing management division, became the military go-between in January when his predecessor assumed another job on post.

"I think military people in quarters will come to housing more with their complaints than they used to because of the military point of contact," said Daniel, a soldier since October 1961.

He came here last December after spending five years in Belgium with the administrative services branch of the adjutant general division, U.S. Army element.

"It's different from what I'm used to. You get involved in a lot of things in housing," said Daniel, who likes his job. Problems people have confronted him with have varied from dogs running loose to neighbors having arguments. "Most of the problems get solved," he said. Daniel can be reached at 876-1445.

Trendell has worked in Facilities Engineers since last September and believes there was a "definite need" for a military representative.

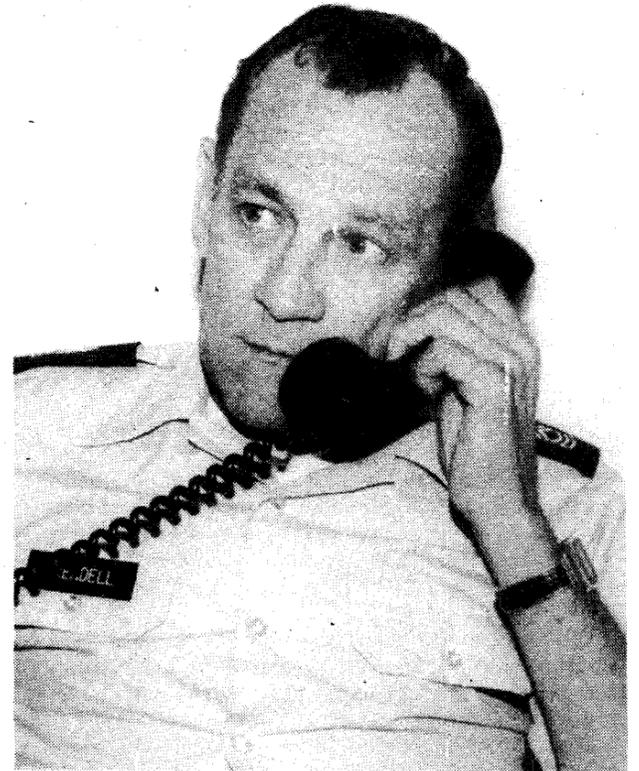
"It was a much needed thing to have somebody from the military down here that understands the military side of the house," he said.

His experience as a first sergeant with an engineers unit in Germany in 1969-70 allows him to "understand the engineers' problems too," he said.

Trendell calls the support engineers organization here "the best engineers unit I've seen since I've been in the Army." He mentioned the actions taken recently in response to water problems caused by freezing weather. "That just shows you the kind of support you can get if you know where you're going to get the support," he said.

That is his job—to help military personnel and others who call him to get the engineering support they need. His number is 876-3835/1023. The number for emergencies "whether it's in the barracks or wherever" is 876-2801.

He is to retire at the end of August and said he enjoys his job as the military contact for the engineers. "It gave me a challenge, hey I can do something. And you can teach an old dog new tricks," said Trendell. "I learn a lot every day."



HANDLES CALLS—MSgt. George Trendell is the military point of contact at Facilities Engineers.



MILITARY GO-BETWEEN at the housing management division is MSgt. Joe Daniel.

MINI CAR WINNER—The name of the winner of the Mini Indy Racer was drawn by Sp6 Douglas Kim, MMCS Company A, with Dorothy Naus, main exchange assistant manager, assisting. The winner, Angela Fitzpatrick of Redstone, won the five horsepower, gas engine car from a worldwide promotion on Quaker State Oil.

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The Redstone Rocket provides the Rocket Classified section as a free service to active duty military personnel and army civil service personnel at Redstone Arsenal. To place a Rocket Classified ad:

- Type or legibly print a brief description of what you want to sell on an 8 1/2 x 11 inch piece of paper (no 3 by 5 cards or torn paper accepted). You must list a price, your home phone number, your home address and your duty status (active or civil service).
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1975 HONDA CB 360, motorcycle. Must sell moving. \$475. Call 830-5629.

● Deadline is 9 a.m. on the Thursday before the ad will appear. Ads will run for only one week. You may resubmit them.

The Redstone Rocket will not accept ads concerning real estate, mobile homes, or apartments for rent, or businesses.

Conditional statements as "like new," "excellent condition," "runs well," will not be printed.

If you submit more than one classified at a time, place each one on a separate piece of paper, unless

they fall in the same sales category, (miscellaneous, vehicles, etc.).

Mail Rocket Classified ads to Sara Grant & Associates, Attn: Redstone Rocket Classified, P.O. Box 5351, Huntsville, Alabama 35805.

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The Redstone Rocket is not responsible for typographical errors or for omissions in this section.

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Olin moves closer to DDT remedy

The Olin Corp. performed core drilling of the earth beneath Huntsville Spring Branch last week as the chemical company moves closer to proposing its solution to the problem of DDT contamination in the stream.

Keith Roberts, Olin's project engineer at the arsenal, said the company is getting information on subsurface conditions "so we'll know what remedial action might be feasible" for dealing with the contamination problem.

Roberts said he was not ready to discuss what corrective actions Olin might propose but said the company is going over options suggested in an earlier Army study that include stream diversion and dredging or containment of contaminated sediments with isolation dikes, and is also looking at some new options.

Core drilling of the stream bed may indicate that Olin is considering a remedy involving containment dikes, probably in connection with a stream channel diversion, that it will propose to a federal panel June 1. Olin also may recommend a novel method of covering parts of the contaminated stream bed with a tough plastic-like cloth to hold DDT sediment in place. The technique has shown promise in Olin's laboratory experiments here.

Roberts said core drilling is common in heavy construction projects and is a necessary step in Olin's deciding which option to pursue. "Before building something you want to know what you're building it on," explained Roberts. "We're looking at physical properties of the soil, how much compaction, how much weight it will support, how far to bedrock.

"It's a typical operation. The only thing unusual is that it's having to be done from a barge," he said of the core drilling.

The drilling was done by a Decatur concern, Testing Inc. The stream bed was cored at a point just above where DDT waste formerly discharged into Huntsville Spring Branch and at another point about 1½ miles downstream.

Deadline approaches

Olin's DDT study at the arsenal is "moving along on schedule," said Roberts, "but we don't have a whole lot of time. We have to submit a plan by June 1 and will meet that deadline."

The June 1 date is specified in a federal court settlement in which Olin agreed to take remedial measures that would reduce DDT levels in local fish to five parts per million. Olin operated a DDT factory on the arsenal for a number of years. The factory closed in 1971 but manufacturing waste in arsenal streams continues to contaminate the food chain.

DDT in fish

Studies by various public agencies and recent tests by Olin show DDT in area fish far exceeding the federal safe level of five parts per million. In the Olin tests, 60 percent of fish tested from Huntsville Spring Branch and Indian Creek on the arsenal and from the Tennessee River adjacent to the arsenal contained DDT in excess of the safe level.

In catfish, 84 percent or 15 of 18 fish tested contained excessive DDT. One specimen contained 200 parts per million in edible portions.

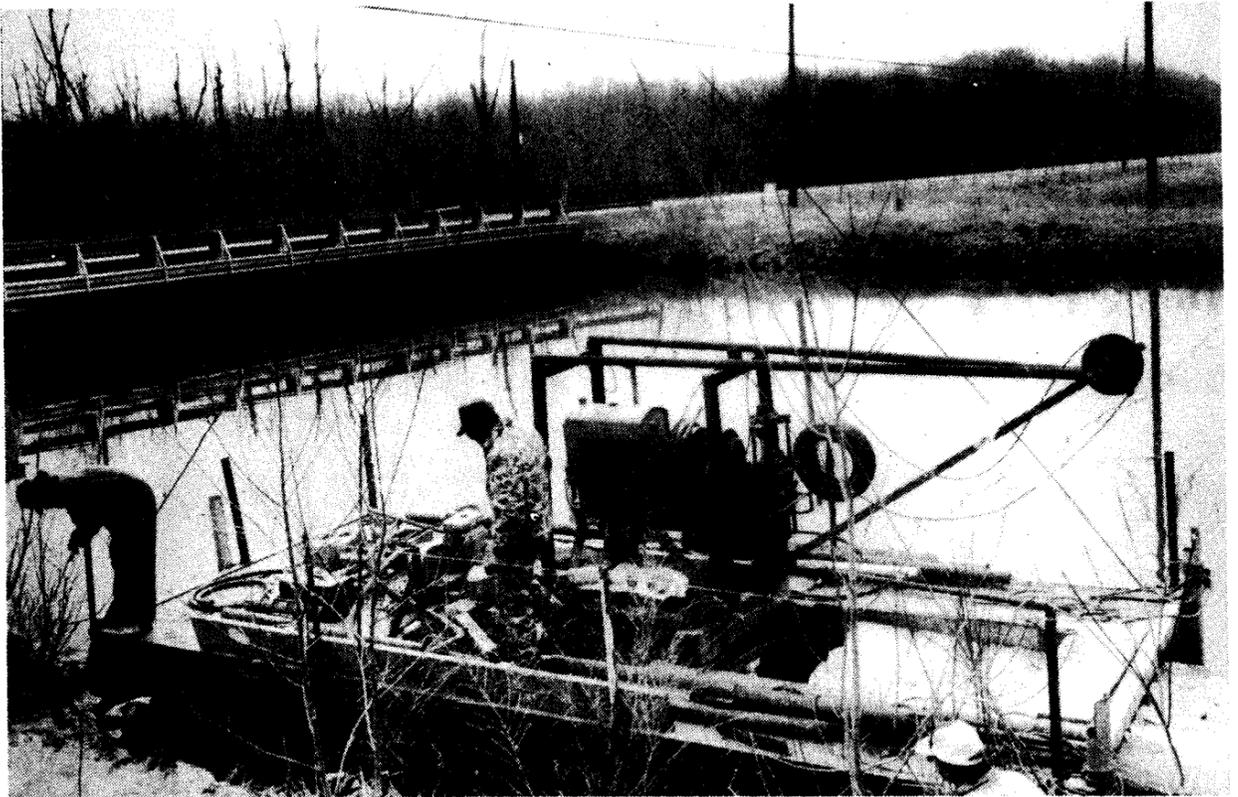
Largemouth bass tested as high as 47 ppm and a smallmouth buffalo tested 240 ppm.

Olin is to reduce DDT levels in these three fish species to five ppm or less under terms of the court settlement.

Roberts said Olin's research indicates that fish in the river that do not venture into arsenal creeks do not become contaminated with DDT.

Meanwhile, Roberts said Olin is continuing with its program of capturing fish in local waters and releasing them with identification tags to trace their movements, and also is continuing its aquarium experiments.

The aquarium experiments were dealt a setback in December when the water line to the aquariums froze and the fish died. The experiments were mostly complete at that time, however, and Olin has obtained new



DRILLING RIG—Workers prepare to move a drilling rig mounted on a small barge to a downstream location in Hunt-

sville Spring Branch.

fish to complete the experiments, Roberts said, but did lose the portion that was to show how fast fish excreted DDT when returned to fresh water.

In the aquarium experiments, small catfish are subjected to measured amounts of DDT to determine what level of the pesticide in water and sediment will contaminate the fish. For the experiments, Olin uses many aquariums housed in a specially built trailer located on the river at the arsenal's main water treatment plant.

Olin has captured and tagged a large number of fish in local waters and is paying \$3 for each tag returned. Anglers who catch a tagged fish can claim their bounty

by calling Olin locally at 883-0459 or by mailing the tag to the address printed on the tag.

There have been several tags turned in and Roberts expects more returns as spring approaches. "It's the time of year when people start to fish, plus fish are beginning to move around a little more," Roberts said.

From the tags, Olin learns about fish movement and how their migratory habits may affect their uptake of DDT from contaminated waters.

Olin's environmental affairs group from its Charleston, Tenn. facilities is spearheading the company's work on the arsenal.



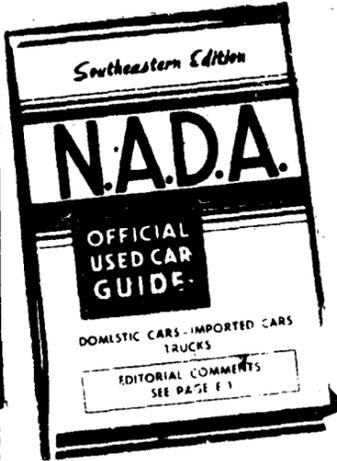
Representatives from four troops presented a certificate to the Recreation Center for sponsorship of the girl scouting program here. Paula Dye of Troop 191, a junior troop, gives the certificate to Mike Chemsak, recreation center director. Looking on, from left, are Katie Barnett and Denna Cox, both

of brownie troop 51; Krystal Witkowski and Carrie Cockrill of brownie troop 145; Heather Russell and Julie Bennett of brownie troop 238; and Kim Farmer of troop 191. For information on becoming a girl scout or girl scout leader at Redstone, call coordinator Lynn Richardson 837-8243.

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| | | |
|--|---|--|
| <p>1983 Custom Van Chevrolet. Dual air, fully customized. Power steering, brakes, windows and locks. Cruise, tilt, rallye wheels, custom paint. One owner from Woodville, Al.</p> | <p>1983 Olds 98 Regency 4 door. Power windows, locks and seats. AM/FM cassette, vinyl top. Blue all over. Beautiful one owner Chattanooga car.</p> | <p>1982 Chevy 1 Ton CHASSIS CAB. 4-speed with air, 350 engine, dual tanks, power steering, new 750x 16D tires, 1 owner, Madison, Ala. trade-in.</p> |
| <p>1979 Chevrolet SWB 4x4 Buckshot tires, V-8, 4 speed, warn 8,000 lb. wench and bumper, special wheels, camper shell. 41,000 miles. Blue. Scottsboro trade-in.</p> | <p>1983 Datsun Maxima GL Wagon. Automatic, air, sunroof, AM/FM seek and scan stereo cassette, wire wheels. Power windows, locks and antenna. One owner Huntsville car.</p> | <p>1977 Dodge SWB 4x4 POWER WAGON. V-8, bucket seats, roll bar, slotted wheels, white letter on/off road tires, tutone paint. Local Scottsboro truck.</p> |
| <p>1983 Mazda RX7 GSL 5 speed, air, leather interior AM/FM cassette w/graphic equalizer, moonroof, power windows, cruise, aluminum wheels, white letter radials, 20,600 miles. One owner from Redstone Arsenal.</p> | <p>1982 Chevy LWB SILVERADO. Auto., air power steering and brakes, power windows, door locks, tilt, cruise, cargo rails, tutone paint, chrome step bumper. 1 owner, Huntsville trade-in.</p> | <p>1983 Cutlass Supreme Brougham T-top. Power windows, AM/FM cassette, tilt and cruise, 307 V-8, white letter radial tires. One owner car from Scottsboro.</p> |
| <p>1980 Corvette T-Top Automatic, AM/FM cassette, air, tilt, cruise. Power windows, locks, steering and brakes. Good Year Eagle GT's, sport wheels. One owner Huntsville car.</p> | <p>1982 Camaro Berlinetta Automatic and air, aluminum wheels, AM/FM cassette, rear window louvers. Dunlop white letter radial tires. One owner Scottsboro car.</p> | <p>1983 Olds 98 Regency 4 door. Power windows, locks and seats. AM/FM cassette, vinyl roof. Maroon all over. Like new with only 13,000 miles. One owner Huntsville car.</p> |
| <p>1981 GMC SWB 4x4 Sierra Grande. Buckshot white letter tires, automatic, air cond., tool box, tutone paint, 33,000 miles. Trade-in from Atella, Alabama.</p> | <p>1983 Chevy SWB 4x4 STEPSIDE. Roll bar, rally wheels, chrome mirrors, 4 speed, on/off road tires. Blue. 1 owner from Grant, Ala.</p> | <p>1977 Chevy SWB 4x4 Black Silverado. Roll bar, lights, auto, and air. Locking Warren hubs, jumbo mudders, special wheels. Must see to appreciate. Madison, Ala. trade-in.</p> |
| <p>1980 Chevy LWB 4x4 4-speed, 350 engine. Buckshot tires, tool boxes, chrome mirrors, tutone. 1 owner trade-in from Madison, Ala.</p> | <p>1982 Dodge D-50 5-speed, air, tool box, stripes, 12,000 miles, 1 owner, local Scottsboro truck.</p> | <p>1978 VW 9 PASSENGER BUS. 4-speed, air cond., tutone paint. Trade-in from Scottsboro.</p> |

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**Female veteran
population grows**

WASHINGTON—The growing number of female military veterans now makes up more than four percent of all veterans living in the U.S. and Puerto Rico, according to a recent Veterans Administration study.

A report published by the VA's office of reports and statistics said that women numbered 1,150,000, or 4.1 percent of all living veterans, as of March 1, 1983.

VA head Harry N. Walters said the study would help meet new needs. "The special problems confronting these women and the VA's response to their particular needs will be better addressed as detailed demographic data become available," he said. "This comprehensive profile of the female veteran population will assist all those involved in the planning for future demands."

Walters had appointed an 18-member advisory committee to study the country's female veteran population. Other findings included:

—36 percent of female veterans served in peacetime only;

—one in every five female vets is at least 65 years old;

California has the highest female vet population, followed by New York, Florida, Texas and Pennsylvania;

—the female vet population is expected to increase slowly but steadily throughout the next several decades;

—the elderly female vet population is projected to grow at a slower pace than that for males. (Arnews)



MARINE MASCOT—"Chesty P," a three month old Bulldog, is the new mascot of the arsenal's Marine Corps Detachment. His owners have sent Chesty to bootcamp (dog obedience school), are getting him a suit of dress blues to wear for "official" functions at the detachment and are opening a Marine service record book (similar to an Army 201 file) on him. They named their pet after Gen. Lewis "Chesty" Puller, a tough customer revered as the Marines' Marine.

**American group observes
Grenadian independence**

WASHINGTON—An American delegation of soldiers and civilians recently participated in Grenada's Independence Day celebration.

The Army's Golden Knights and the 82nd Airborne Division band and chorus, were included in the U.S. delegation that traveled to Grenada for the festivities held Feb. 6.

Secretary of Defense Caspar W. Weinberger authorized U.S. military participation in the island's celebration activities. (Arnews)

Programs feature 'chalk-talk' chaplain

Using artistic and verbal talent, Chaplain (Col.) Everette J. Thomas delivers more than your average "sermon". His chalk-talks, draw-ins, and clay sculpting in the pulpit give concrete meanings to the religious concepts he wants to express.

Redstone Arsenal and Huntsville residents will have several chances to experience this unique approach in action during the upcoming Religious Emphasis Week, March 7-16.

Thomas will be featured at Bicentennial Chapel at 7 p.m. March 7-10; at a prayer breakfast at Post Chapel at 6 a.m. on March 7; as part of the Protestant Women of the Chapel retreat on March 8; and at the regular Protestant worship services on Redstone Arsenal on

March 11: 9 a.m. at Post Chapel and 10:45 at Bicentennial Chapel.

The drawing from each chalk-talk will be given to the person who brings the largest number of visitors to each program.

The evening programs will also feature special music.

Thomas is a professional artist and has exhibited a one-man show at the College of St. Thomas in St. Paul, Minn. Among his works are oil portraits of four former Chief of Army Chaplains which are on display in the Chaplain School Museum. He has been deputy post chaplain at Fort Bragg, N.C. since August of 1982.

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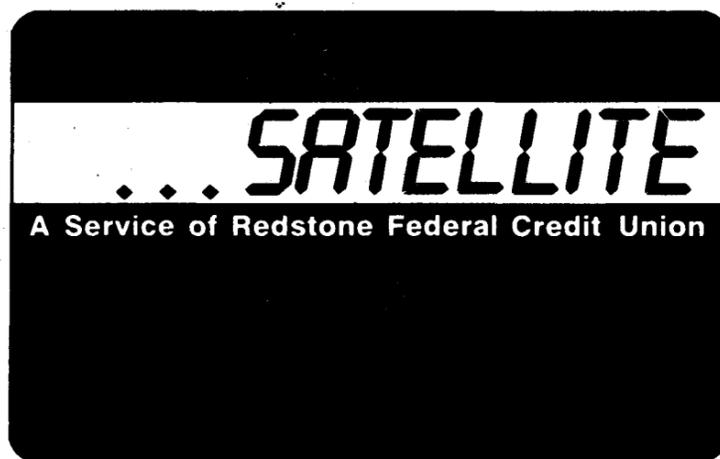
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—ANNOUNCEMENTS

World Day of Prayer

The Protestant Women of the Chapel and Catholic Women of the Chapel groups will celebrate the World Day of Prayer together on March 2 from 9—11:30 a.m. at Bicentennial Chapel. Nancy Johnson will present music and refreshments will be served. Make reservations at the Child Care Center for free child care.

Hispanic Heritage meeting

A meeting will be held on March 8 to plan the arsenal celebration of Hispanic Heritage Week scheduled for Sept. 10-16. The meeting will be held in 5250, room 241 at 2:30 p.m. Interested persons are invited.

Basketball game

There will be a preliminary game before the Arkansas Gems professional women's team takes the floor against the Redstone Rockets men's team at the Post Gym March 2. The 6:45 p.m. prelim will feature the Channel 48 Fastbreakers against a team of men and women soldiers, according to Irv Lyles, sports director.

Warrant officers

The monthly meeting of the Redstone Arsenal chapter of the U.S. Army Warrant Officer Association will be held at the officers club on March 7 at 11 a.m. All warrant officers including non-members are invited. For more information call WO 1 Edward Banville 876-1461.

Bowling center

T-shirts and a bowling ball are to be given away in a promotion by the Redstone Bowling Center and Budweiser. During March 5-9 a free T-shirt will be given for every first strike in the first frame of the first game of each league. A bowling ball and bag will be awarded in May for the highest scratch game bowled in a league. Scores must be verified by the league secretary and turned in to the control counter.

OWC art auction

The Officers Wives Club will sponsor an art auction March 3 and 4 at the officers club. The art can be viewed at 3 p.m. on Saturday, March 3 and the auction will begin at 7:30 p.m. Wine, cheese and hor's d'oeuvres will be offered and a cash bar will be available. Sunday, March 4 the auction will be from 10 a.m.-2 p.m. and refreshments will be available. Tickets are \$2.50 (tax deductible) and can be purchased at the officers club from 11 a.m.-1 p.m. from Feb. 27-March 2.

Learning Resource Center

The LRC is offering a COBOL curriculum for high school and college graduates who are interested in the data processing industry. The curriculum consists of five courses that contain a general introduction to COBOL structure and statements, structured documentation techniques, report and table processing, structured design concepts, and sequential file processing. For more information call the Learning Resource Center 876-10611/1416.

Soccer referee clinic

AYSO Region 388 will conduct a free referee's clinic March 2-3 at the Bicentennial Chapel. The clinic will begin at 7 p.m. Friday, March 2. All interested volunteers are encouraged to attend. For more information call Sergio Diaz, chief referee, 830-4124.

Carpool Hotline



Call 876-1500 to place your free carpool ad

Shoals

Carpool needed from Shoals area along route 72 to the arsenal, hours 7—3:30. Bill Carney 876-1487 or Debbie Faulkner 876-1390.

Decatur

Carpool member wanted from Decatur to 4500, 4488 or 4566, hours 7:45 to 4:15. Glenda Williams 876-4481.

Baileyton

Carpool members wanted from Baileyton to arsenal, hours flexible. Jim Mills 876-5454.



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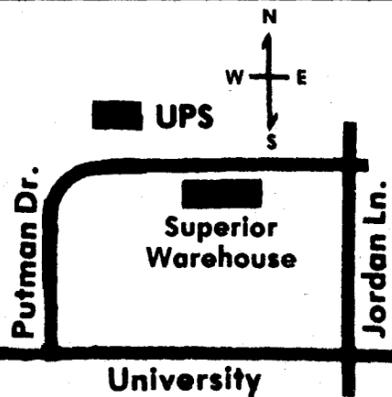
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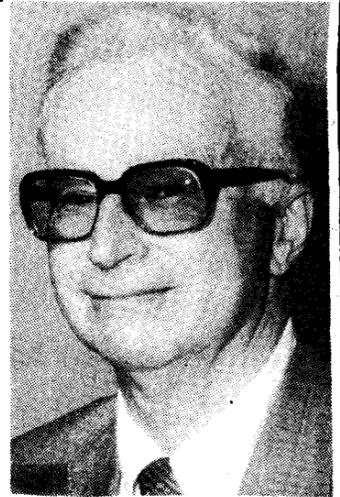
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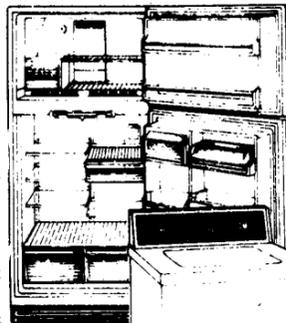
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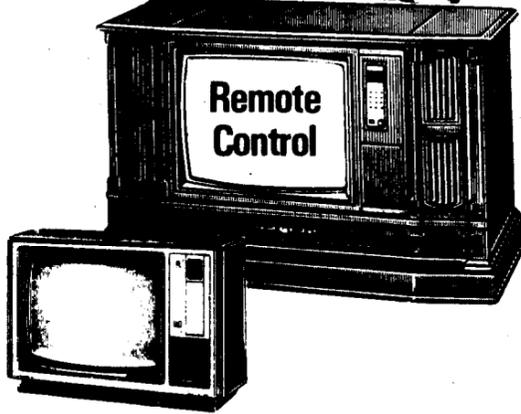
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