

Redstone Rocket

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July 31, 1985

Command change ceremony Friday

MICOM will have a change of command ceremony Friday while the Ordnance Missile and Munitions Center and School has its own command change Tuesday, Aug. 6.

Maj. Gen. Peter G. Burbules will become commander of MICOM and Redstone Arsenal at a 10 a.m. ceremony Friday in front of Missile Command headquarters building 5250.

Burbules, who now commands the Armament, Munitions and Chemical Command based at Rock Island Arsenal, Ill., will assume command here from Maj. Gen. Jerry Max Bunyard. Bunyard is headed for the Pentagon to serve as assistant deputy chief of staff for research, development and acquisition.

Gen. Richard Thompson, commander of the Army Materiel Command, is to conduct the ceremony.

More than 800 invitations have been sent out, according to the protocol office. Among those invited were all the AMC subordinate commanders, many general officers, community leaders and personal friends of the participants.

Music is to be provided by the 14th U.S. Army Band from Fort McClellan, Ala. Bus transportation will be furnished to and from major buildings on the arsenal. During the ceremony Bunyard is to receive the Distinguished Service Medal of Alabama from Maj. Gen. William Hornsby, state adjutant general.

Bunyard has commanded MICOM and Redstone Arsenal since July 1983. The Altus, Okla., native came to Huntsville in November 1980, and served almost three years as project manager for Patriot, the Army's newest air defense guided missile system, before becoming MICOM commander.

Born in Chicago, Burbules has commanded AMC-COM since October 1983, managing development, production and support of the Army's guns, ammunition, chemical and nuclear weapons. The command has arsenals, ammunition plants and research centers

in 26 states and employs about 40,000 soldiers, Army civilian workers and contractors.

OMMCS will have its command change ceremony at 9 a.m. Tuesday at the Redstone Arsenal parade field. Col. Regis P. Dietrich Jr., acting school commandant, will be giving his command to Col. Paul A. Wilbur.

Wilbur comes to the school after commanding the 2nd Infantry Division Support Command at Camp Casey, Korea. He was born at Fort Sam Houston, Texas, and was commissioned an Army second lieutenant upon graduation from the University of Texas in 1962. After two years in field artillery, he transferred to the Ordnance Corps in 1964. He has a background in maintenance and materiel management.

Dietrich, the acting school commandant, will reassume duties as assistant commandant.

Bus rides available

The Missile Command will provide 45-passenger buses to transport workers to and from its change of command ceremony Friday.

"It's to give the MICOM people the opportunity to attend it," said SFC Thomas Bryant, operations and training NCO for Special Troops. "And that also includes transportation back to those places after the change of command ceremony. They will transport them back to their respective buildings. It's not just a one-way trip, it's a round trip."

The bus transportation schedule is as follows:

— One bus departs at 9:15 a.m. from the BMDSCOM annex, northside entrance, at Research Park on Wynn Drive; two buses leave from building 7442 at 9:20; two buses depart from building 112 at 9:20; two buses depart from building 4488 at 9:30; one bus leaves from building 5681 at 9:30; one bus departs from building 4505 at 9:40; and one bus departs from building 5400 at 9:40.

Pershing II accident investigators receive awards for their efforts

People who were assigned to a Pershing II accident investigation team have received awards from the MICOM commander.

Eighty-four of the 137 recipients attended an award ceremony July 22 at the post theater. Maj. Gen. Jerry Max Bunyard presented commander's awards for civilian service, military medals, meritorious civilian service awards, and monetary awards.

Most of the recipients were from the Research Development and Engineering Center and the Pershing Project Office. The rest of the honorees came from other Missile Command offices, other government agencies and contractors. They included officers from the Army Safety Center at Fort Rucker, Ala.

Each citation read as follows: "For exceptionally meritorious service while assigned to the Pershing II accident investigation team during the period 11 January 1985 through 24 April 1985. The investigation was essential to the achievement of important United States national objectives requiring the rapid restoration of Pershing II weapon system readiness. The investigation was conducted under the adverse conditions of limited resources, severely inclement weather, and intense time pressure. It required the comprehensive, rapid analyses and detailed evaluations of extremely complex technical problems. The successful accomplishment of the investigation objectives required the very highest level of dedication, perseverance, and professional competence.

"During the conduct of this investigation, the qualities of exceptional initiative, diligence, loyalty and singleness of purpose were demonstrated. Their steadfast pursuit of the investigation's objectives was

in keeping with the very highest traditions of professional civilian service and reflects great credit upon the recipients and the United States Army," the citation stated.

The team found the accidental ignition and burning of a Pershing II rocket motor that killed three soldiers and injured others was caused by a discharge of static electricity within the rocket propellant.

The accident occurred Jan. 11 at the U.S. Army's Fort Red Leg complex near Heilbronn, Germany, when a crew from "C" battery, 3rd Battalion, 84th Field Artillery, began to lift the 9,145 pound first stage propulsion section from its steel shipping container.

Relatively simple modifications have already been introduced into Pershing II hardware being manufactured in the United States, the Army said when announcing the accident cause April 24. Missiles and other equipment already in Germany will be modified on site, the Army said.

Commander orders seat belt usage

The commander of the Army Materiel Command has ordered all AMC installations to enforce strict measures aimed at motor vehicle safety.

Gen. Richard Thompson ordered enforcement of the mandatory seat belt usage program and motorcycle safety rules. He also urged increased efforts against drunk driving.

Safety and security officials here said a meeting was set for 1 p.m. Monday, July 29, to discuss local implementation.

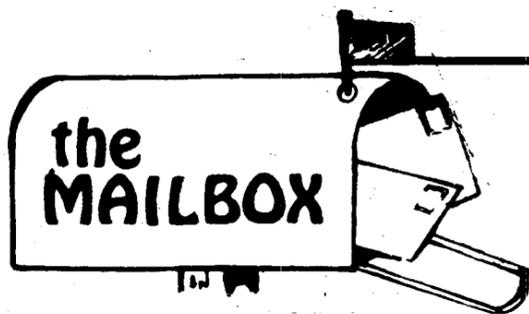


PAINT JOB — Mike Walcutt of Facilities Engineering paints the Redstone rocket in front of the Missile Command headquarters building to get it ready for the upcoming change of command ceremony. Workers from FE started working on the flag pole and rocket Saturday, July 20. It was a tall order for a paint job.

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Bureaucratic maze

Editor:

Upon my departure from Redstone Arsenal, the opportunity is taken to reflect on lessons learned. First, RSA offers an environment not encountered in any of my previous units— primarily civilian. In fact, the element I served in is almost totally civilian save the command group and a sprinkling of other "green suiters." Previous to assignment here, my only wish for the activity was to "make" it. However I have gained a totally new perspective. The building is full of personnel virtually standing at the ready to provide detailed assistance. The only problem is the bureaucratic maze one must transcend between the activity OCONUS with a question and the action officer with the answer. One would assume that the intervening command group and directorate heads would not allow their egos to interfere in the resolution of problems. Not true! In fact some few directorate heads not only interject their ego but also their total ignorance of the established support structure when answering queries.

A related issue is the fanatical structuring of directorate empires by wildly composing subordinate divisions supported by "buzz words"— i.e. "force development" and "doctrine specialist." Numerous attempts at detailing the failings of this structure have gone unanswered. In fact, force development within the building has degenerated to an euphemism for "paper shuffling." Any and all innovative TOE/TDA actions met with "We do not know how to do it." Proactive efforts by other personnel have served to do the job. At the same time, force development personnel continue to receive kudos and SSPs. Virtually the same scenario exists in the doctrine arena— high grades occupying a position without doing the job. And what about the personnel (outside the force development or doctrine functional areas) who accomplished the mission? I will let your imagination wander.

Why are some directorate heads allowed to wallow in blissful ignorance? Partly because action officers are not allowed to entertain an issue remotely smacking of controversy or wrongdoing. This posture is well played out by certain directorates during daily staff meetings as they conspire to cover up real problems while seeking to resolve "earth shattering" matters— who will make motel reservations for visitors, what size trip book is suitable, what color should the overview briefing charts have (never mind the content of the briefing). Facetious comments? Hardly. One need only observe the huddled masses each morning as they whisper amongst themselves before the staff meeting, granting immunity from abrasive issues. All of this serves to obviate traditional staff functions.

Does all of this sound familiar? Could this also be your organization? To those of you with whom I had my closest working relationship, I thank you. Thank you for the good times and bad, the times we shared TDY and the times spent at RSA, the effort you expended to assist me in gaining an inside understanding of the building, the tolerance you displayed for some of my wilder ideas, and the moral support offered during turbulent times. I salute those of you remaining behind. Optimism has not been my strong suit but I hope that those action officers and office chiefs with ideas to pursue and solutions to offer ride out the wave of selective bureaucratic ignorance.

Name withheld by request

'Smut' magazines

Editor:

I know that parents are supposed to supervise their children, but all parents don't. It's hard sometimes— I know, I'm a parent—but parents need to know that their children can pick a smut magazine off the shelf anytime at the PX and Shoppette. (*Playboys*, *Playgirls*, *Penthouse*, etc.).

On July 22 while doing an errand in the PX Shoppette, I noticed a young girl about 10 years old and a young boy about 12 years old, reading magazines. Normally, this wouldn't bother me, but these young

children were looking at *Playboy* and *Penthouse* magazines.

I, as well as everyone else, know that as long as there is a buyer this filth will be sold in our stores; but do we have to put these magazines where our young children can get to them?

God made sex to be beautiful between two loving and married adults, not to be perverted as these books depict.

Parents, I urge you to write or call the PX manager and ask him/her to put these magazines either higher, so our children can't reach them or closer to the cashiers so the racks can be supervised.

SFC Everett D. Emberson
B Company, 1st School Brigade

Wants a lateral

Editor:

A recent survey was taken in the Materiel Management Directorate (MMD) and it was determined that over 50 percent of grades GS-12 and up were on a lateral list. It was also determined that of the 50 percent that are requesting a lateral transfer, 35 percent have requested a lateral transfer out of the Materiel Management Directorate. I am on that lateral list; however, with the market being of such a surplus, I am concerned that I may never get a lateral out of MMD.

I wonder if management officials— director of MMD and director of MLC—are aware that their employees have a low morale. If so, do they plan to do something about it?

Name withheld by request

Enjoys explaining

Editor:

Recurringly, in anyone's chosen vocation, misunderstandings and confusion occur. Never have I seen one so humorously captured as Mr. Hayden F. Glenn's definition of an engineer. Please, pass along this letter to him, via the *Rocket*:

Your definition of an engineer was very humorous, witty, and undoubtedly, copied. The observations, probabilistically speaking, were most likely made by the individuals providing the vague assumptions, debatable figures, inconclusive tests, incomplete experiments, the problematic accuracy, and/or the people of doubtful reliability and dubious mentality. As far as the disconcerting and annoying aspects, what with all the resources enumerated above, and the liberal schedule he/she works under, engineers ought to be ashamed of themselves. They should smile and be cordial as they perform their incidental tasks, upon which the entire future of a project rests. Also please excuse them for "turning out, with prolific fortitude, strings of incomprehensible formulae" and for being so precise. You see, they keep stumbling over their formal educations. Why all they know is what they've read. I really enjoyed your letter because I, a member of the fraternity, enjoy explaining simple things, such as your letter, as much as I do highly technical methodologies and procedures.

Patrick B. Lawler, Jr., PE, CPI

Course standards

Editor:

As an instructor here at USAOMMCS, there are two questions frequently asked among the instructors in our section. "Can we fail or drop a student even though they pass the retests, yet have an average score of below 70 percent?" The answer is "No!" Then we ask "Why?" The reply is "The student must fail three consecutive tests in order to be dropped: It does not matter what his/her average is!"

As I recall most educational institutions have a set average that the student must remain above. If the student falls below that average he/she is dropped from the course. But, USAOMMCS would rather fill up slots in the field, rather than dropping/failing students who do not meet the standards of set academic policies, as it would hurt their record to drop or fail students.

I know most of the supervisors who read this will

say "You instructors are not performing your duties. You need to teach and help the student through the school!" My reply is this: "The instructors in our section have spent numerous hours after normal duty hours to include weekends to assist the slower students, even then, at times this still does not help!"

I feel that if a student cannot meet training standards he/she should be dropped and sent to a less demanding course. We as Missile Maintenance personnel have a job to do, and that is to maintain the equipment in the best shape possible so that the Army is ready for any commitment. What as instructors can we do to fulfill the original obligation that USAOMMCS has, and that is to send only qualified soldiers to the field?

Name withheld by request

Some observations

Editor:

Some observations regarding Kenneth Elkins', PE (Professional Engineer?), letter in the Mailbox July 17.

His distinction between science and engineering made me recall John Pierce's "Physics deals with the works of God, engineering with the works of men."

Webster's 3rd Unabridged: Professionalism (1,b) - "extreme competence in an occupation or pursuit sometimes marked by absence of originality."

Weekley, Etymological Dictionary: Profess - "To acknowledge, own. Before 1500 in religious sense only, to make profession of one's faith. . . Later, to claim knowledge in some specific branch, whence professor, profession. . ."

Webster's 3rd Unabridged: Learned Profession - "One of three professions, theology, law and medicine. . ."

State governments sometimes license certain professions to insure a minimal level of competence. This has not been necessary for all professions.

For PEs to imply a license is necessary to be a professional would be like MDs claiming only those who practice medicine are doctors. There were doctors of natural philosophy, now known as science, when surgery was practiced by barbers.

This still leaves us with the question of the oldest profession which is currently not licensed in this country except maybe in Nevada.

Richard E. Dickson, AP (Amateur
Physicist; one who loves physics)

Who am I?

Editor's note: - Dick Godfrey of the Roland project contributed the following item. He said he clipped it from the *Rocket* 10 or 12 years ago, reads it occasionally to refresh his perspective and thinks the message is worth repeating:

To whom it may concern

You say you love me but sometimes you don't show it. In the beginning, you couldn't do enough for me.

(See Letters cont'd on page 3)

THE REDSTONE ROCKET

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Oil spill cleanup progresses; 366,000 gallons pumped out

Work crews pumped a large quantity of oil and water from an oil spill interception trench here over the weekend.

The spill occurred July 16 when a valve that should not have been open allowed oil from a large storage tank to run into a smaller tank, causing an overflow.

Nearly 60,000 gallons of number two fuel oil overflowed into a bermed catch basin around the tank and about half of that seeped into the ground.

About 30,000 gallons that remained above ground was pumped out of the basin. The oil is of a type burned in steam plants here.

To catch the underground spill, an intercept trench was excavated downhill from the tank perpendicular to the flow of ground water. As oil and water seep into the trench, the mixture is pumped out and transferred to storage tanks.

As of Monday morning, 366,000 gallons of oil and water mixture had been removed over an eight-day period. Most of it was removed over the past weekend by three high-capacity pumper trucks rented from Roto Rooter that operated around the clock.

By Monday, there appeared to be substantially less oil entering the trench than at any time previously, according to Bill Schroder, Facilities Engineering's environmental quality coordinator, but he couldn't speculate on when it would be pumped clean.

He said the contaminated oil will be held in local storage until a decision is made on how to dispose of it.

Engineers believe the trench, which is 300 feet long and to water-table depth, has defined the extent of the underground spill, since both ends extend into clean water. It may have intercepted most of the spill, since no oil has been detected in nearby surface water — a stream that drains the area and a Huntsville Spring Branch backwater. Both have been under close surveillance by Jim Reid, FE's water quality chemist.

Monitoring wells drilled just beyond the trench also indicate that it is intercepting the underground oil. "We drilled nine wells, seven were wet, and they were all clean," said Schroder.

A number of arsenal workers, mainly heavy equipment operators and others from FE's roads and grounds and utilities sections, have worked their off days and put in many hours of overtime combating the spill and building and maintaining a road into the wooded area.

The spill occurred south of building 5681 at the "tank farm" which has a fuel storage capacity close to one million gallons in tanks ranging in size from 17,500 to 230,000 gallons.

Letters

(Cont'd from Page 2)

Now you seem to take me for granted — some days I even wonder if I mean anything to you at all.

Maybe when I'm gone you'll appreciate me and all the things I do for you. I'm responsible for getting the food on your table, for the clean shirt you wear each day, for the welfare of your children and your home — for the thousand-and-one things you want and need.

Why, if it weren't for me you wouldn't even have a car to drive! I've kept quiet and waited to see how long it would take for you to realize how much you really need me.

Cherish me — take good care of me, and I'll always take good care of you.

Who am I? I'm your job.

Letters to the editor should be signed (name withheld on request) and sent to: The Redstone Rocket, DRSMI-G. Unsigned letters will not be used.



CATCHING OIL — A pit dug down to the water table collects oil which is pumped out and put in storage tanks.



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Army activities test use of credit card for travelers

BY SKIP VAUGHN

Soon "Don't leave home without it" will apply to official government travelers.

Beginning Sept. 1, Army activities here will be testing the use of credit cards for paying travel expenses.

Cards are going to be given to certain individuals who are expected to travel at least twice a year on official business. The Diners Club International card will be issued free of charge and the individual will be responsible for paying the bills. He or she will be reimbursed by the finance office before the monthly bill becomes due, based on the filing of a travel voucher.

The Army Corps of Engineers was one of the original test agencies for the General Services Administration program. It tried out the credit card system for a year and has implemented it Corps-wide.

People who are eligible for a card will have the option of whether or not to participate in the credit card program. However, those that are eligible for a card will not be entitled to as much of an advance payment as those who are not eligible.

"A person that is eligible for a card and receives a card is going to get 40 percent of per diem, plus 100 percent of other reimbursable expenses, excluding rental car," said Capt. Greg Moyer, a systems accountant in the policy procedures and systems office, Finance and Accounting Division. "A person that is eligible and chooses not to get a card is going to be limited to 40 percent of his per diem, plus 100 percent of other reimbursable expenses, including rental car. A person that is not eligible to get a card is going to get 80 percent of his per diem and 100 percent other reimbursable expenses, including rental car."

The percentages could vary slightly depending on new guidance from the Department of Army, Moyer added.

Those who will be eligible for the credit card include military people, civilian supervisors, general management people, and senior executives. The Army-authorized test here, set for September 1985 through January 1986, applies to the organizations covered by the MICOM Finance and Accounting Division.

Diners Club International is a standard credit card used to buy tickets, pay for lodging, rent cars, and (when possible) to pay for miscellaneous expenses such as meals. According to Citicorp Diners Club Inc., the card is accepted at about 600,000 locations in more than 150 countries.

"The card is valid for one year without a membership or any type of fee. There's no interest or late charges," said Jim Gillespie, a systems accountant in F&A's policy procedures and systems office. He listed these additional advantages:

- No liability to the individual against a lost or stolen card when notified in accordance with procedures.

- The program offers, for free, \$150,000 accident insurance payable to the individual's beneficiary (as long as the mode of travel is financed by the card).

- Free lost baggage insurance up to \$1,500 if the baggage is lost more than seven days.

- Free delayed baggage insurance up to \$100 if the baggage is delayed more than 24 hours.

"Another benefit is immediate credit for unused or downgraded airline tickets. The card gives the traveler a means to finance additional unforeseen expenses," Gillespie added. "It gives the security of funds through reduced needs to carry cash."

Besides individual credit cards, another part of the test program means a change in how the finance office conducts its business. Individuals without a credit card will continue to request travel as they do now but the finance office will pay for it through Citicorp Diners Club by citing an activity account number. In other words, the change won't affect how someone without a credit card gets travel money. It will mean that the finance office pays for the expenses through an account with Citicorp. "Otherwise we'd have to operate two systems (one for card holders and the other for non-card holders)," Gillespie explained.

People will not be using their credit card to get airline tickets for overseas travel. The transportation office will cite their activity account number, instead, officials said.

John Wylie, deputy finance and accounting officer, predicts the credit card program will become a reality throughout the Army and Department of Defense. "I can see quite a few advantages to the individual having a credit card. The main thing is, if he needs to change his schedule, he can use his card to do that. Number two, he wouldn't have any problems changing hotels or anything else because it's going to be like a government issued card. And I think the card itself will be readily accepted since it's government sanctioned," Wylie said.

The card will have Diners Club International written on it along with United States General Services Administration, an account number and the person's name. He or she will have 25 days to pay upon receipt of a credit card bill. Travelers using cards will have their vouchers given first priority to ensure they are reimbursed in time to make their payments, according to the finance office.

The Huntsville Division of the Army Corps of Engineers took part in the Corps' test of the credit card system. The division began the program on a volunteer basis last September. Initially there was no restriction on the amount of travel advance but, as of July 1, the amount of the advance is limited with the expectation the card holder will use the card for certain expenses, said Charlie Rowden, the division's finance and accounting officer.

"We have had no major problems with it," Rowden said, referring to the Huntsville Division's credit card system. "You have to worry about things like delinquencies, people losing cards, people using them for unauthorized purposes. We have not had any major problems in those areas."

The MICOM finance office plans to provide orientation and training before starting its test program. People identified as eligible will receive an application to apply for a credit card.



Company recalls styling brush

The Monarch Crown Corporation of New York has started a voluntary recall of its model BB-1 Body Building Hair Styling Brush which is distributed in the U.S. by Clairol Appliances.

The brush may contain a defect that could result in an electrical hazard, according to Post Exchange officials. The company says independent safety testing revealed that some of the stylers distributed from July 1984 to February 1985 may not conform to Clairol standards. The recall affects only the model BB-1 styling brush. Company officials say the defect does not exist in the model BB-2 brush.

Owners who are concerned that they may have a defective BB-1 styling brush should look for a one-inch black dot or the Clairol seal of excellence on the side panel of the carton. Brushes bearing these symbols are new products which are not affected by the recall.

While the styling brush is not part of the regular stock assortment offered by the Army and Air Force Exchange Service, some exchanges in the western and southeastern U.S. carried it on a one-time basis for the 1984 Christmas season. AAFES customers who may have bought a defective BB-1 body building hair styling brush at an exchange may return it for a full refund.



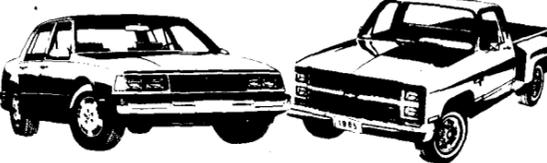
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Soldier finds help toward finishing college degree

BY SKIP VAUGHN

The future looks bright for at least one soldier who joined the Army when she ran out of money for college.

Sp4 Christina (Chris) Duban plans to get married in September, leave the Army in August 1986, and go to Arizona where she'll finish school. She plans to complete a bachelor's degree in management.

Duban, the Post Soldier of the Month for July, joined the Army in August 1983. This was right after she received an associate degree in arts from Lincolnland Community College, a junior college in Springfield, Ill. "I ran out of money to finish college and the Army's got real good college benefits," Duban said.

"I like it," she said, referring to the Army. "I think it provides a lot of college benefits and it was worth coming in to get the money to finish school."

A member of Headquarters and Headquarters Company, Duban is an orders clerk in the administrative services branch at the military personnel office. She gets requests for orders then prints the orders for soldiers stationed on post. She is one of two orders clerks in the branch and works with a word processor. Duban said she likes the job but "it's boring though, sometimes."

Duban, 21, was born in Springfield, Ill., and raised in Rochester, Ill. Her mother is Herta Duban of Rochester (her father Eugene is deceased). She has four brothers. The oldest, Matthew, 26, is an Army second lieutenant attending medical school at Southern Illinois University. Mark, 24, attends the University of Illinois; John, 19, goes to Springfield College; and James, 16, attends Rochester High School.

The administrative specialist took basic and advanced individual training at Fort Jackson, S.C. Her first assignment was overseas where she served as a promotions and leaves clerk with the 102nd MI Battalion at Camp Hovey, Korea, from January 1984 to January 1985.

"It (Korea) was really different," she said. "It was a big shock because their culture is so different from the United States."



ORDERS CLERK — Sp4 Christina (Chris) Duban is Redstone's soldier of the month for July.

In her spare time she likes to run and also enjoys reading. She qualified for the junior college nationals in the 1500 and 3000 meter races in 1983. She didn't go because "our school didn't have enough money to send someone there that didn't have a chance of placing," she said. Since joining the Army, she got second place in her age group in the 8th Army 10-kilometer run last year in Seoul, Korea. And the 102nd's womens cross country team won a five-mile race in the 2nd Infantry Division Olympics. She said her best time for a two-mile run is 13:41.

On Sept. 7 Duban plans to marry a fellow member of HHC, Sp4 Roy Jones, 27, of Prescott, Ariz. After leaving the Army next year, she plans to attend Northern Arizona University at Flagstaff, Ariz.

She is undecided about her career goals after college. "I don't know what the jobs are going to be like when I get out of college," she said. But at least she'll have her bachelor's degree.

Price survey shows exchange savings

Shoppers at Army and Air Force exchanges in the U.S. average more than 21 percent in savings, according to a price comparison survey.

The annual Army and Air Force Exchange Service retail price comparison survey shows that exchange customers save 21.4 percent compared to prices for identical items sold in communities outside military posts. The A.C. Nielson Co. survey was conducted in March 1985 and covered 317 national brand items at 17 locations in the U.S.

Items with the highest percentage of savings were clothing and furnishings where AAFES customers can save an average of 31.2 percent over the same items sold outside the gate. Other savings included stationery, 28.1 percent; household items, 24.7 percent; and jewelry, 22.2 percent. The category with the lowest percentage of savings was food and beverages at 5.8 percent.

The Nielson survey is commissioned annually by AAFES to document the savings provided to service members and their families, and to assure that AAFES is meeting or exceeding its 20 percent savings goal.



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1979 Mercury Cougar	\$4,295	5F233A	1980 Renault LeCar	\$2,395	5T244B	1981 Olds. Cutlass	\$4,395	R2404
1984 Ford Escort	\$6,395	5F245A	1981 Isuzu Mark I	\$4,595	T443A	1982 Ford Escort	\$4,995	R2408
1980 Thunderbird	\$4,695	5F298A	1983 Buick Park Avenue	\$11,195	F810A	1983 Ford Mustang 3 dr.	\$6,195	5TB16A
1981 Chev. Citation 4dr.	\$3,195	5T906A	1980 Mustang	\$3,695	T700A	1979 Datsun 810	\$4,295	5F139C
1984 Ford Escort	\$6,395	5F331A	1984 Tempo GL	\$6,395	TB126A	1981 Dodge Aries	\$3,395	5FF40A
1980 Thunderbird	\$4,795	5F428A	1984 Ford Escort	\$4,195	T835A	1981 Merc. Capri 3 dr.	\$4,695	5F545A
1983 Chevrolet Malibu	\$6,995	5F523A	1971 Mercedes	\$5,500	8630A	1981 Ford LTD	\$4,995	4F739A
1982 Chev. Impala 4 dr	\$3,695	5F388A	1982 Olds. Cutlass	\$6,895	19383B	1977 Chevrolet Malibu	\$1,995	4F885A
1984 Ford Escort	\$6,695	5F709A	1979 Pontiac Grand Prix	\$4,895	R2288	1983 Toyota Camry	9,495	F1063A
1982 Pontiac	\$3,695	5T593A	1979 VW Scirocco	\$3,995	R2311	1983 Ford Escort	\$4,695	F1112K
1983 Olds Toronado	\$11,795	5T446A	1980 Plymouth Horizon	\$2,995	R2331	1980 Mustang	\$3,395	F1204B
1981 Buick Century	\$7,495	5TB39A	1984 Chev. Cavalier S/W	\$6,395	5F963A	1980 Mustang	\$3,395	F1250B
1979 Olds. Cutlass	\$4,695	R2373B	1982 Dodge Omni	\$4,995	R2353	1981 Chevrolet Malibu	\$4,995	F1280B
1984 Thunderbird	\$12,395	R2381	1979 Thunderbird	\$3,495	R2357	1982 Toyota Supra	\$10,495	5F1003A
1983 Ford Escort	\$5,495	R2391	1979 Olds. Delta 88	\$3,995	R2358	1982 Olds. Cutlass	\$6,895	F1563B
1984 Ford Escort	\$5,495	R2393	1981 Lincoln Mark VI	\$10,695	R2374	1976 Ford LTD	\$1,995	TB96B
			1985 Ford EXP	\$6,195	T830A			



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Trucks deliver calibration to military customers

BY PAM ROGERS

Military installations have equipment that measures everything from electrical voltage to heartbeats, and an important aspect of any mission is to ensure that this test, measurement and diagnostic equipment functions properly. The job of calibrating and repairing such equipment is assigned to the U.S. Army TMDE Support Group.

From its headquarters at Redstone Arsenal, six regional centers and smaller, fixed sites around the country, USATSG maintains the integrity of instruments which are calibration-traceable to the National Bureau of Standards.

One unit of the group, the U.S. Army TMDE Support Activity - CONUS, will call on customers whose equipment needs calibration. Thirty specially equipped vans make regular circuits of geographically assigned territory every 120 days, said Charles Wathen, liaison officer for USATSAC's western operations division.

They look similar to other trucks traveling the nation's highways, but when one reaches its destination, the similarity ends. The sides of the van box are pushed out, almost doubling the space inside, and creating a laboratory that will accommodate up to six people. Built-in jacks are used to level the floor.

The trucks, which were manufactured to the Army's specifications by the White Company (later bought by Volvo), cost \$244,000 without equipment when they were purchased in 1980. They weigh 60,000 pounds when they are loaded, said Wathen.

Before the mobile laboratory can be used to calibrate equipment at a site, USATSAC technicians must test the calibration devices for accuracy.

The procedure, called cross checking, usually takes most of the first day the truck is on site, Wathen said.

"The standards are inter-compared, we do that to look for any gross deviation from what it (the equipment) should state. It might have been jarred out of accuracy," he said.

When the self-testing is completed, the lab is ready to receive the customer's equipment. Depending on the workload, the truck may remain at the site from a week to a month.

At the end of the calibration circuit, the van returns to its home station for calibration of its equipment, which usually takes about a week. By the end of that week, it's often time to start the circuit over again.

The hierarchy of standards begins with the NBS, and goes through a primary standards lab (Redstone and Sacramento, Calif.), secondary reference labs and secondary transfer labs to the user in the field. The vans are considered secondary transfer facilities. This method of centralizing standards was developed about 20 years ago, Wathen said.

"In the early '60s, the Ordnance Corps recognized the need for better assurance of accuracy. The weaponry was becoming more sophisticated, and it wasn't enough to point a weapon at a target and expect to hit it. Some targets were out of visual range. They needed more accuracy to check weapons. That was the germ that produced modern calibration procedures," said Wathen.

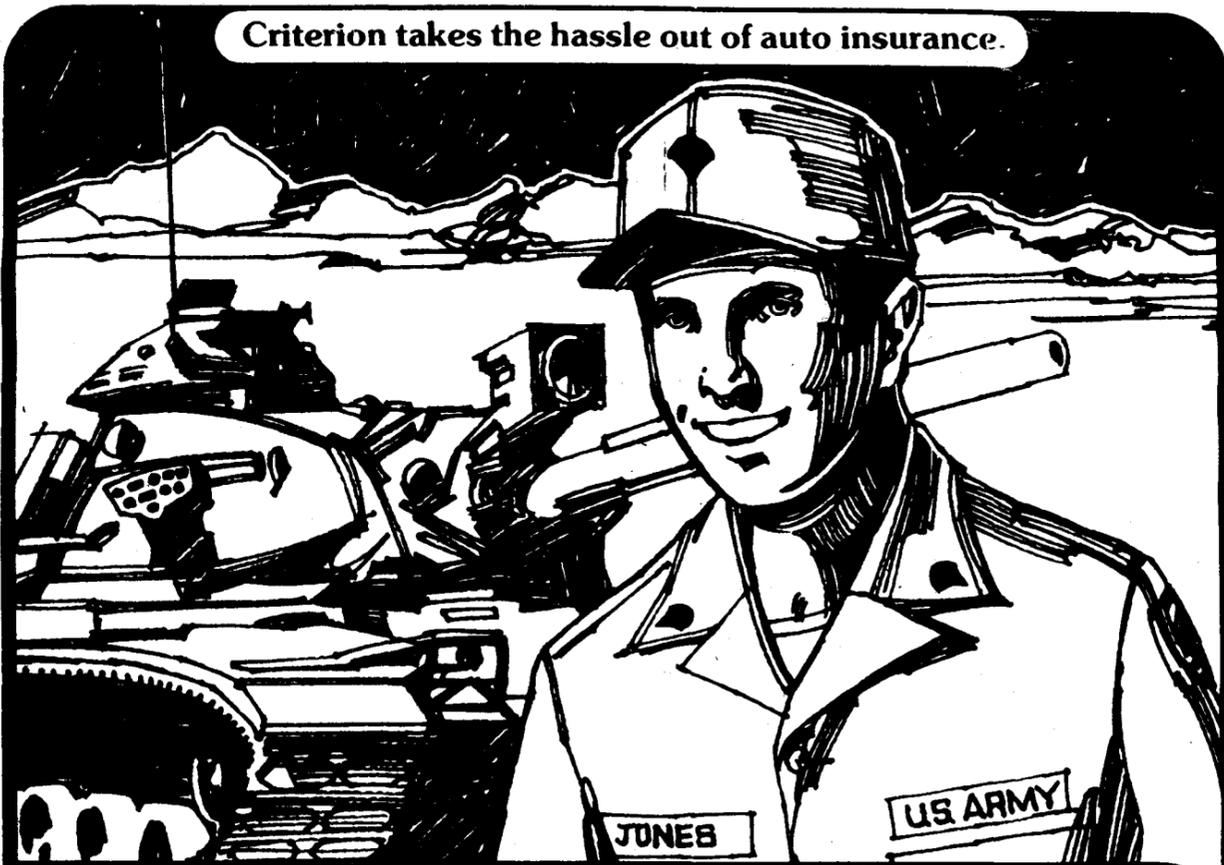
USATSAC has two counterparts that support TMDE in other parts of the world. The 517th Maintenance Battalion is responsible for Europe, and support in the Pacific is handled by the 74th Maintenance Battalion.

The 95th Maintenance Company (TMDE), located at Redstone, provides support to divisions in the continental U.S. or anywhere in the world.



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Changes approval for warrant officers

WASHINGTON — The Army has redefined what warrant officers are, how they should be trained and how they will be managed in the future, according to the recently completed total warrant officer study at the Pentagon.

In addition to several changes in assignment and training policies, Army Chief of Staff Gen. John A. Wickham Jr. approved the submission of a legislative package which would create a CWO 5 grade and provide for automatic integration into the regular Army at promotion to grade CWO 3.

Study group officials caution that the creation of the new grade and other items included in the legislative package are still years down the road, but changes to warrant officer training and assignments could begin within 18 months.

"This was the first Department of the Army-level comprehensive study of warrant officer matters across the total Army," said Lt. Col. Ronald E. Gornto, who chaired the nine-month study which ended late last month. The group was tasked by the chief of staff to look into the management policies affecting warrant officers, their utilization and future role.

"We boiled it down into three areas," said Gornto. "We asked what warrant officers are doing today, what they should be doing the future and what exactly the definition of a warrant officer is. These led us to look into management and utilization policies, as well."

Policy changes

One of the major policy changes approved by the Chief of Staff involves warrant officer management based on warrant officer service instead of total active federal service. This, according to Gornto, will allow year group management of the warrant officer corps much like the current officer personnel management system. This, in turn, should provide stability and predictability into the future.

"Now we can start to plan what we need at various stages of a career," said Gornto. "Given the diversity and complexity of the future Army, warrant officers

must be developed progressively from entry level through master warrant. This should lead to more coherent and effective recruiting, training and management, assignments and promotions." Prior enlisted service for warrant officers would still count toward pay and retirement eligibility.

The group's extensive study resulted in a realization that tomorrow's warrant officer, while remaining the expert in technical areas, will have to develop increased tactical proficiency as well. "Our conclusions dictated that warrant officers of the future should be developed to be leaders, taking us past the normal role of technical expert," said Gornto. "With the future being highly complex, more technically diverse and given airland battle 2000 and the emergence of Army 21 doctrine, warrant officers are going to have to have a higher level of tactical expertise than previously required."

New definition

The Army's new definition of warrant officer is "an officer appointed by warrant by the secretary of the Army, based on a sound level of technical and tactical competence. The warrant officer is the highly specialized expert and trainer who, by gaining progressive levels of expertise and leadership, operates, maintains, administers, and manages the Army's equipment, support activities, or technical systems for an entire career."

Key phrases, according to Gornto, include "tactical competence" and "progressive levels of expertise and leadership." These areas will be addressed in warrant officer schooling, which will undergo changes under the new system. Warrant officer entry courses will remain basically the same, while the advanced course will be redesignated the senior warrant officer course and the current senior course will be renamed the master warrant officer training course. These courses will correspond with a warrant officer assignment coding system, as well.

The new system approved by the chief of staff involves the coding of warrant officer slots in tables of

organization and equipment and tables of distribution and allowances. Under the new code system, warrant officer slots will be identified as warrant, senior warrant or master warrant positions, according to Gornto.

"Early in the study, we identified a major flaw in training and utilization of warrant officers which revolved around the lack of grade coding," said Gornto. "Without coding, the Army is saying, in effect, that all positions in a given MOS have the same requirement for training, expertise and experience. We know that isn't the case. Some positions require a more experienced, senior warrant officer. The TO&E and TDA positions we have now can't serve us in the future," he continued. "We must be able to differentiate the positions by grading them." This grading will take at least two years to be implemented because each warrant officer slot in the system will have to be analyzed and determine just what the position requires."

Position coding

The position-coding system would identify WO 1 and CWO 2 as warrant positions, CWO 3 and CWO 4 as senior warrant positions, and senior CWO 4 as master warrant, according to Gornto. Once the CWO 5 rank is approved, which Gornto thinks will take three or four years, the master warrant slot would be filled by the most senior grade.

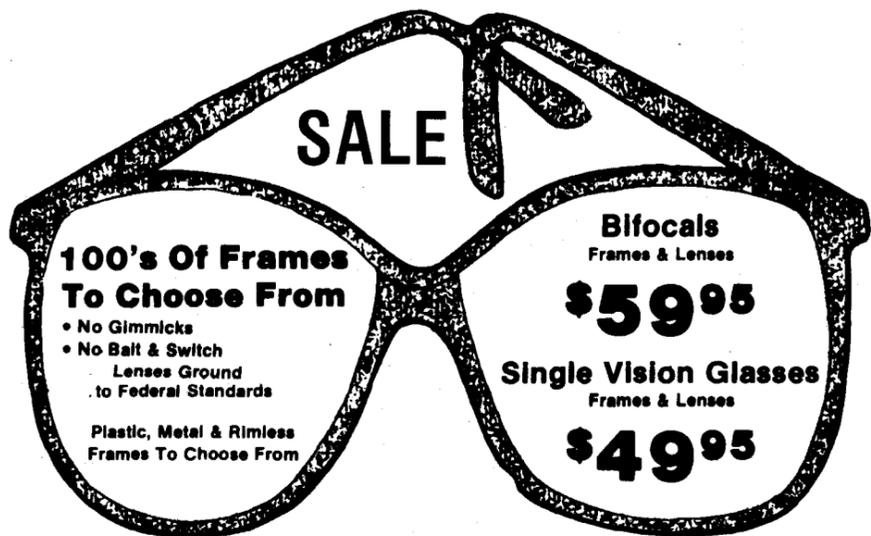
Those CWO 5 positions are already in the system, according to Gornto. "It's really a relatively low number," he explained. "They are very senior level CWO 4 positions filled by warrant officers who have developed over 20 years in the warrant officer system to become the true technical branch integrators (in their specific areas of expertise)." In the event that legislation creating CWO 5 is not approved, the master warrant officer title will be used as a special identifier, according to Gornto.

Also included in the proposed legislation is a proposal for automatic integration into the regular Army upon promotion to CWO 3, usually the 9-10 year mark (see Warrant Officers cont'd on page 8)

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Warrant officers

(Cont'd from Page 7)

in a warrant officer's career. This would enable warrant officers to stay in the service longer than the current 20 years when many are forced to retire. "The majority of current warrant officers are not regular Army and at 20 years of active federal service are mandatorily released. Many don't want to be and we could use their expertise," said Gornto.

Up to 30 years

Selective career extension, a program similar to the commissioned officer corps' provision for early retirement, is also included in the proposed legislation. "After 20 years of warrant officer service, warrants would be selected for continued service," said Gornto.

This would parallel a proposed 30-year career plan which would allow certain warrant officers to spend up to 30 years in the Army as warrant officers. In other words, if an enlisted soldier with 10 years of active federal service were to become a warrant officer, he would have the opportunity to spend 30 years as a warrant officer, according to Gornto. Needs of the service, physical status, age and other things would be taken into consideration before a warrant would be selected to serve 30 years.

The study group also recommended the development of "proactive" recruiting. "We don't currently have an active recruiting program for the entire warrant officer corps," said Gornto. "The current system relies on NCOs applying and being selected. Hopefully, this recruiting program will ensure that we get the people we want in the numbers we need."

Additionally, the group addressed the potential future role of warrant officers in the research,

development and acquisition arena. "When we develop increasingly technical systems, we should make maximum use of the warrant officers who have the technical expertise in those areas," said Gornto. "So we're looking at converting some positions in R, D and A to warrant officer slots."

Reserve components

All aspects of the total warrant officer study include the reserve components, according to Gornto. "However, while standards and goals and applicability are the same, how we get there in the reserve component may be different because of the time spent on active duty and training," he said. "We're working with the Army Reserve and National Guard on how to implement these changes considering the different nature of the reserve components."

While the study group looked into pay comparability and other non-monetary aspects of the warrant officer system, it made no recommendation for increases in pay other than a CWO 5 pay scale. The group determined that additional pay incentives should not be recommended until the management system is fully implemented and evaluated.

These changes in the system should help commanders to best utilize and train their warrant officers," said Gornto. "We recognize the increased critical contribution of warrant officers with the increasingly more technical, more modern Army," he added. "We realize it's smart business to use technical experts in the technical areas. That's what the warrant officers are — the experts. They're the glue holding the technical Army together." (Arnews)

AER campaign nets \$30,000

Redstone's Army Emergency Relief drive ended July 15, with a total of \$30,000 raised for the program. Although the total fell short of the \$40,000 goal, Capt. Charles Brandon, post AER campaign officer, was pleased with the outcome.

"The goal may have been a little optimistic, given the changes that have gone on in the MICOM community this year," he said, citing office moves and the contracting out of Redstone's support activity as two possible reasons for missing the goal.

"Thirty thousand is a lot of money for any campaign, and I'm excited that we were able to raise that much. There were several other campaigns going on at the same time," he said.

A few changes may be in store for next year's campaign, Brandon said. Although the goal will still be \$40,000, there may be more than one key person representing the drive in the Missile Command, and the time of year for the campaign might be changed.

It has also been suggested that the person with overall responsibility be exempt from other duties during the campaign.

Last year's AER drive raised \$38,312.90 to surpass a \$25,000 goal. It was said to be the highest total ever collected here for AER. Army Emergency Relief makes interest-free loans and grants to military personnel and their families.

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Military family members receive employment help

BY PAM ROGERS

Military family members who might otherwise give up hope of finding a job in Huntsville are now receiving help in their search from a service designed especially for them.

The family member employment program, sponsored by Army Community Service, was officially started in June as a part of the one-stop employment center at the Civilian Personnel Office. The center is a joint project between CPO and ACS to eliminate the trek from agency to agency that job seekers once had to make.

Jim Bowne, coordinator of the family member employment program, is excited about what it can do, both for members of retired or active duty military families and for the business community.

"We've registered 253 people in six weeks, I've personally counseled 231, and we've had 160 phone inquiries regarding the program," he said. At least 16 people who have found jobs have called to tell him the good news, and he feels more probably have found work or will find work.

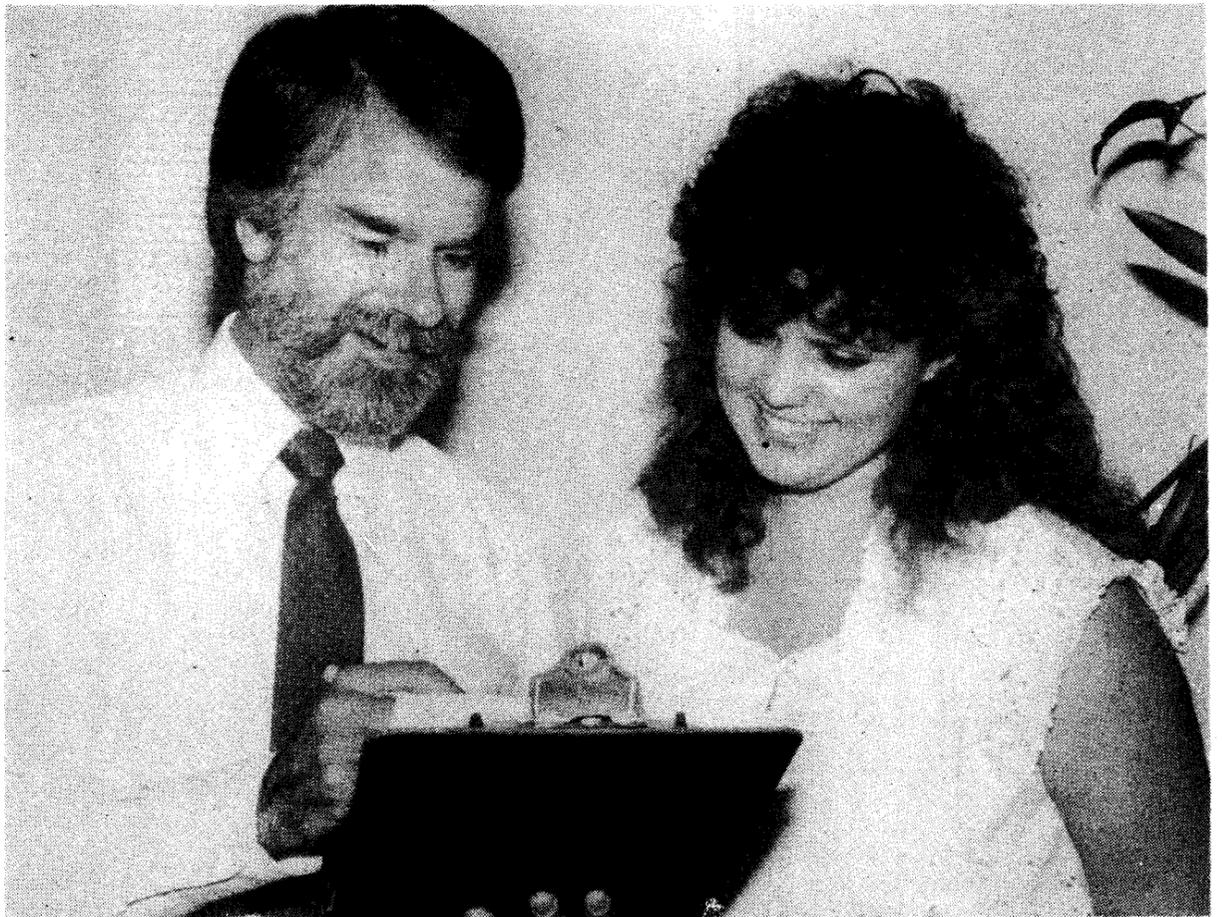
"We've had some good successes. Two clients who were placed in a department store have already been promoted, and another who had a marketing background but couldn't find a job started her own business. Now she's called back asking for three employees," he said.

The program tries to match jobs with people's skills. Thirty businesses have requested referrals from the program, with jobs ranging from laborers to engineers, Bowne said. Prospective employers know that when a person is referred to them, he or she already has been screened and is qualified for the job.

Bowne believes military family members have more to offer employers because of the coping skills their lifestyles have taught them.

"They can bring a high degree of sophistication, because of the amount they travel. Their lifestyle gives them (the characteristics of) flexibility and rapid adjustment," he said.

ACS also provides seminars in personal development and job finding skills for military family



STAFF MEMBERS — Jim Bowne, ACS family member employment program coordinator, discusses the program with Donna Lynch, clerk typist.

members. One of the first seminars gave instructions on completing an SF 171 for government employment, and resume writing for employment in the private sector.

The family member employment office will also become a recruiting center for volunteer agencies on post. Although it is not active in the role right now,

said Bowne, people who have trouble finding a paying job are encouraged to volunteer. It provides viable work experience, reduces the stress generated by unemployment and provides a networking opportunity, he said.

Bowne attributes the immediate success of the operation to the cooperation between CPO and ACS. His office has been so popular that he has ignored regular operating hours to accommodate people who have sometimes been lined up for a chance to register.

He hopes to get several volunteer workers to help process paperwork and even interview clients so he can concentrate on signing up more prospective employers.

"I'd like to thank everyone who has helped for their support, because without it, we wouldn't be here," he said.

For more information about the family member employment program, call Bowne at 876-9597. To learn more about the one-stop center, call 876-7510.



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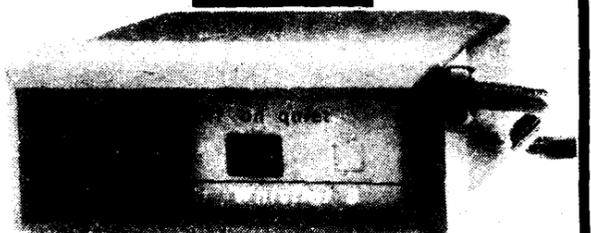
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Redstone post exchange named one of region's best

BY PAM ROGERS

Customers at Redstone's post exchange shop at one of the best facilities of its kind in the southeast, according to the Army and Air Force Exchange Service.

Redstone's PX, along with three others, was a finalist in a best exchange contest. Approximately 40 exchanges were judged on several aspects, including sales growth, courtesy and community evaluation.

The award was presented by Maj. Gen. Jerry Max Bunyard during a ceremony on July 22.

Carey Williams, sales and merchandise manager, attributes the distinction to dedicated workers who have developed a good rapport with the military community here, and military families themselves, who have been loyal customers over the past year.

Williams believes a store must have certain positive things to offer besides competitive prices in order to be successful.

"The most important of all is the professionalism of the employees working on the sales floor, and in the support areas of warehousing, accounting and administration. Their pride in their jobs and their attention to detail is reflected in their attention to their customers," Williams said. "Our philosophy at Redstone Arsenal is that every customer is a very important person, for whom only the best is good enough.

"I'm convinced people don't just come to a store to take advantage of competitive prices. I believe people come to this exchange because the employees will recognize them and address them by name, and will genuinely be pleased to see regular shoppers," he said.

The exchange is constantly changing to serve the needs of its customers, and is always open to new ideas, according to Williams. The main exchange is being redesigned so merchandise will be easier to find and more accessible, he said.



HELPING A CUSTOMER — Diana Cook, a post exchange worker, assists Pvt. Baron Brown with uniform selection.

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Sergeant's idea wins him \$4,300

BY CINDY WATSON

A sergeant at the Ordnance Missile and Munitions Center and School has been paid \$4,300 for suggesting a way to prevent costly damage to a component of the Bradley Fighting Vehicle.

SFC Ronald Ewald, chief of the Tow 2 section, received the award for suggesting an improvement in the insulation for the connector on the Bradley's test controller device.

"Insulation on the connector would not hold up in cold weather," Ewald said. "I suggested that the insulation material should be changed from a solid to a balsa core-type."

"The insulation would chip away showing the copper pins. The pins would touch each other and short out the internal circuitry."

"I am sure this improvement will save the military quite a bit," he continued. The test controller is a \$100,000 item and Ewald has seen a shorted connector damage one \$2,500 worth.

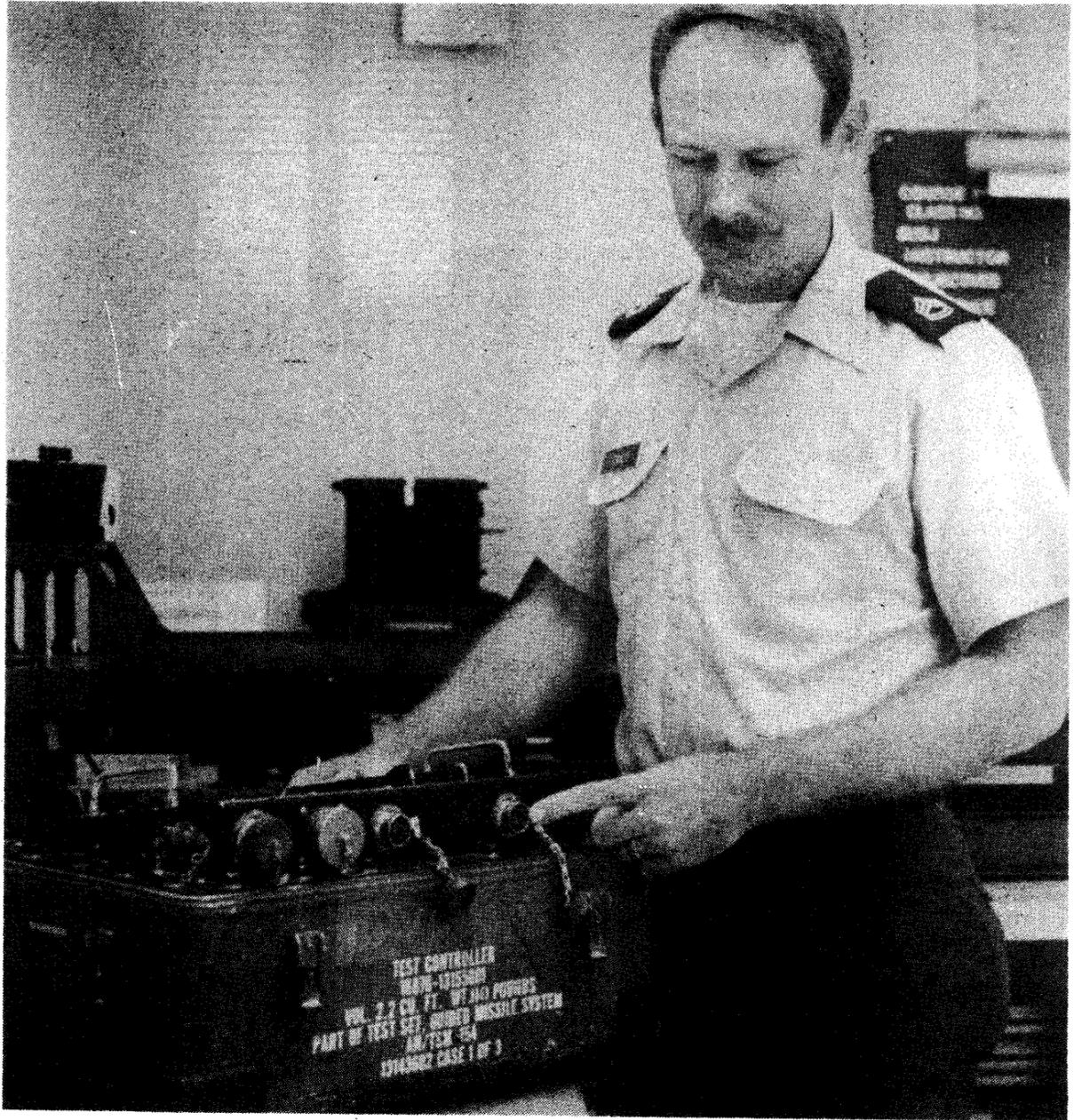
He suggested the insulation change in November 1984 when he was the senior trainer on the Bradley. He has presented the \$4,300 check last Friday by Col. Curtis Dietrich, acting OMMCS commandant.

What will Ewald do with the money? "I am buying a house in Ohio to retire on," the sergeant said.

Raining for recruits who can't speak English

WASHINGTON — Newly recruited soldiers who have difficulty speaking or understanding English will have access to a new program aimed at helping them become English-proficient.

Set to begin in fiscal year 1986, the program consists of a course at the Defense Language Institute's English Language Center at Lackland Air Force Base, Texas, called "English as a Second Language." Army personnel officials say the course, which will last up to 24 weeks, is to be taken before the soldier's initial entry training. Determination for recruits to attend the course will be made during the recruiting process, with attendance becoming part of the enlistment contract. Should a soldier not pass the course, he will face discharge from the Army while still at the Center, officials said. (ARNEWS)



A BETTER WAY — SFC Ronald Ewald shows the pins that shorted out before he suggested a better way to insulate them.



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Wives club honors Celia Bunyard

The Officers Wives Club hosted a farewell tea for Celia Bunyard, wife of Maj. Gen. Jerry Max Bunyard last Friday at the Officers Club.

Guests were greeted by the honoree and OWC President Pam Stieglitz, and were served refreshments, including light sandwiches, fresh fruit, punch and coffee.

"Of all the years of saying good-bye, this is the hardest," Bunyard said. She's looking forward to moving to Washington, D.C., where her husband will be the assistant deputy chief of staff for research, development and acquisition, "but not nearly as much as I'm looking forward to coming back to Huntsville," she said. The Bunyards have lived in the D.C. area previously, for a total of 10 years.

"I always say 'bloom where you're planted,' to military wives. This has been the most special garden I've ever been transplanted in. I'm looking forward to being a perennial instead of an annual," she said.

The club presented Bunyard with a piece of stained glass depicting a blooming magnolia branch as a memento of her stay in Alabama. The piece was designed by OWC member Kathy Newton.



GOOD-BYE — Celia Bunyard (right) speaks with a guest at a farewell tea given in her honor by the Officers Wives Club.

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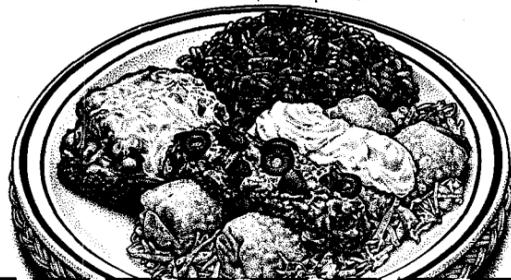
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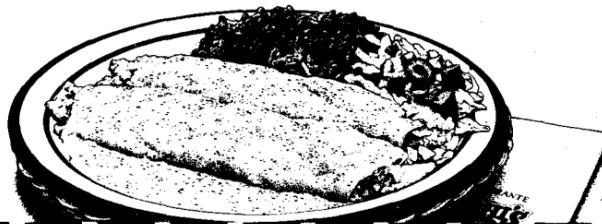
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Road project affects traffic

Arsenal workers who travel north Memorial Parkway at University Drive will have a traffic problem to deal with for a while.

Builders on Saturday closed the main road in preparation for construction of an overpass over University Drive.

The project is not scheduled for completion until November 1986. In the meantime, traffic will be routed through the intersection via service roads.

It is a project of the State Highway Department.

Uniform wearout, possession dates listed

Oct. 1 begins the new fiscal year and also means the beginning of many new programs and changes in the Army.

One of those changes is the traditional "Out with the old, in with the new."

The following uniform items will no longer be authorized for wear:

ITEM:

- *Tan uniforms
- *Tan poplin shirt
- *Green overcoat
- *Green raincoat
- *Women's white shirt
- *Women's tunic, AG 413
- *OG 109 or white Towel
- *White scarf
- *Green and white undershirt
- *Black and green havelock

REPLACED BY:

- AG 415 shirt and green trousers
- AG 415 shirt
- Coat, black all-weather
- Coat, black all-weather
- AG 415 shirt
- AG 415 shirt
- Brown towel
- Black scarf
- Brown undershirt
- None

The women's white shirt with black tab will remain authorized for wear with the white and blue uniforms and by enlisted women with the Army Green Uniform and with the Classic coat and skirt when worn at formal social functions.

The white undershirt will only be authorized for wear with the Army Green Uniform, the white and

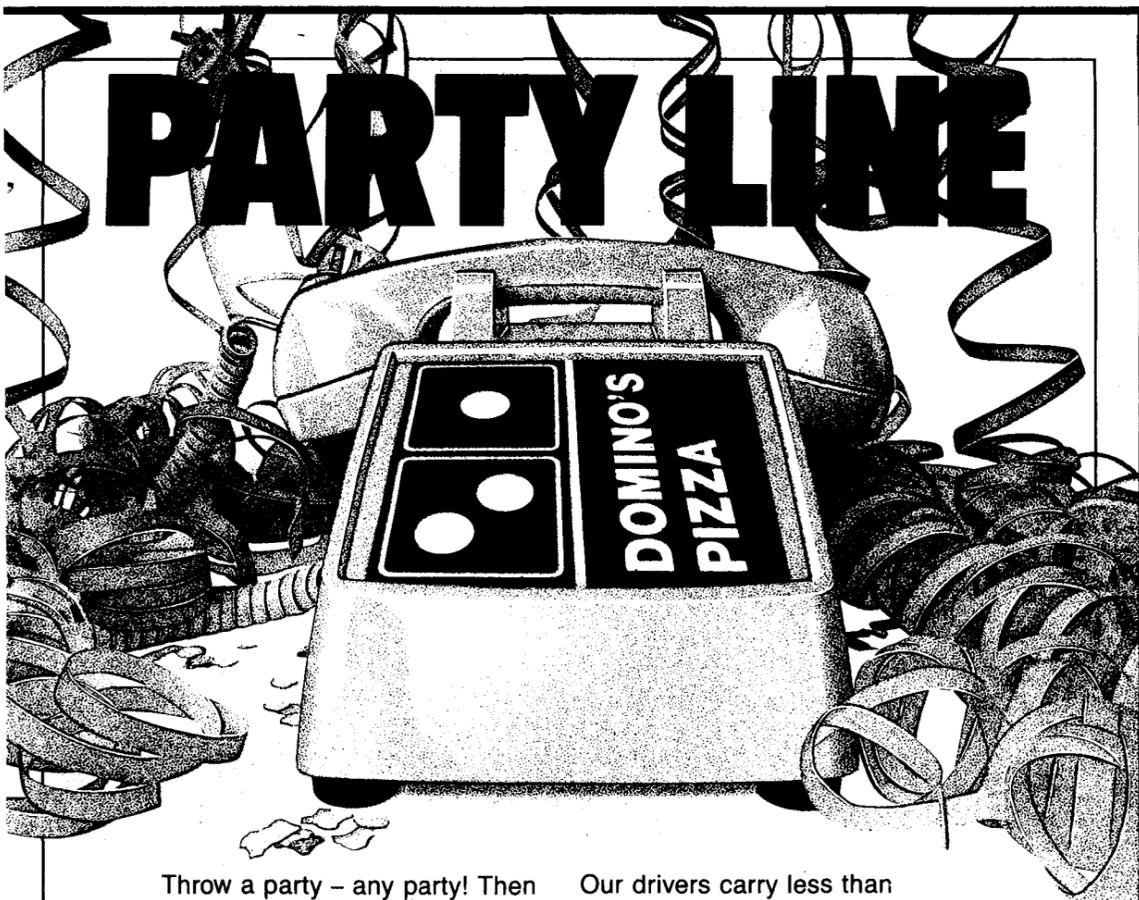
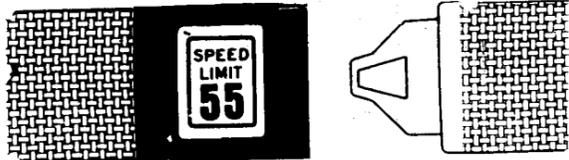
blue dress and mess uniforms and the hospital duty and food service uniforms.

The following mandatory possession dates have been established for the Hot Weather BDU, BDU field jackets and the women's AG 344 Army Green Classic Uniform for the Active Army (AA), Army National Guard (ANG) and Army Reserve (AR):

Troop softball

Here are the troop softball standings as of July 24:

Eastern Conference		
Team	W	L
HHC (1)	18	2
515th	11	8
5th Students	10	8
95th	11	10
4th Students	9	11
C Company	9	11
Marines (2)	8	13
Meddac (1)	6	14
B Company (2)	1	20
BMD (dropped because of three forfeits)		
Western Conference		
Team	W	L
B Company (1)	20	1
Marines (1)	18	3
6th Students	16	5
291st MP	14	5
Meddac (2)	13	9
A Company	10	10
7th Students	10	11
AISC/AF	7	13
B Company (3)	6	14
HHC (2)	1	27



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Military blood banks testing for AIDS

WASHINGTON — Military blood donor centers have begun testing for the presence of what the medical community calls "HTLV-III antibodies" — a substance linked to the Acquired Immune Deficiency Syndrome (AIDS) disease.

Concern that the usually fatal, virus-induced disorder can be spread through transfusions has prompted the U.S. Food and Drug Administration to set up a testing program for all blood programs.

Since the nearly 60 worldwide military donor centers follow FDA standards, they are proceeding with the testing, said Army Lt. Col. Anthony J. Polk, director of the Department of Defense Military Blood Program Office.

Multiple tests are performed before the blood is labeled "positive," Polk explained. The blood used in testing is discarded in accordance with established procedures. Blood used in military hospitals received from civilian blood programs undergoes similar testing.

Any military donor tested as "positive" must undergo appropriate evaluation and counseling, Polk said. This would entail the same confidential notification procedures used in cases of detected hepatitis or syphilis. "If the positive-tested donor shows any AIDS symptoms," Polk said, "he will be referred for further medical evaluation."

Polk emphasized that because of medical uncertainty over any relationship between the HTLV-III antibody and the disease, the screening test results are not used as a diagnostic test for AIDS infection. However, studies have shown that the presence of HTLV-III antibodies in blood or plasma may indicate the presence of the AIDS virus — either in a dormant stage or at an active level.

As in the case of hepatitis, medical officials point out that the testing process provides no guarantee that blood transfusions will be AIDS-free. However, the current "state of the art" procedures provide the maximum safety of the blood supply for the military centers. As new and improved procedures are developed, they will be incorporated into the test system, Polk added. (Arnews)

Toll-free number for Blue Cross refunds

Blue Cross-Blue Shield has established a toll-free number for workers to call for refund information, according to a teletype message from Army Materiel Command.

"Employees are responsible for obtaining refunds," the message states. "In order to determine eligibility and to find how to apply for a refund, employees should call toll-free 1-800-253-0123." Callers should have their Blue Cross identification number ready.

The insurer is rebating \$289 million to workers currently enrolled in the federal Blue Cross-Blue Shield health plan and another \$465 million to the government.

A rebate of \$374 reportedly is due for high-option family coverage, \$179 for standard-option family coverage, \$173 for high-option single coverage and \$73 for standard-option single coverage.

Blue Cross-Blue Shield insures 1.5 million federal employees and retirees, including 3,157 local Army workers.

According to the AMC message, "Although refunds can be made to enrollees currently on the government rolls, it is understood that special legislation must be enacted before retirees can get refunds. It is not known at this time when such legislation will be enacted."

Blue Cross-Blue Shield is refunding from surplus reserves created by a substantial drop in claims coming on the heels of big rate increases and a reduction in coverage.

Numerous other carriers in the federal employees' health benefits program also have surplus reserves but none have announced refunds and some have called Blue Cross' move a ploy to attract workers to their health plans.

Issues such as whether the government's share of the rebate should be applied to reducing the cost of employee health insurance have not been worked out.



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BUS 201 Accounting I	T-Th	10:30-12:50	5	3222
BUS 251 Economics I	T-Th	8:00-10:20	5	3222
ENG 099 Prep English	M-W	10:30-12:50	5	3222
ENG 101 Eng. Comp. I	M-W	8:00-10:20	5	3222
PSY 201 Gen. Psy.	M-W	10:30-12:50	5	3222

Evening Courses	Day	Time	Credit	Bldg. No.
BUS 151 Bus Math	M-W	4:30-6:50	5	3650
BUS 181 Prin of Mgmt	M-W	7:00-9:20	5	3650
BUS 201 Accounting I	T-Th	4:30-6:50	5	3650
BUS 202 Accounting II	T-Th	7:00-9:20	5	3650
BUS 235 Marketing	M-W	4:30-6:50	5	3650
BUS 251 Economics I	M-W	7:00-9:20	5	3650
BUS 251 Economics I	T-Th	7:00-9:20	5	3650
BUS 252 Economics II	T-Th	4:30-6:50	5	3650
CIS 105 Intro to CIS	T-Th	4:30-6:50	5	3650
CIS 105 Intro to CIS	T-Th	7:00-9:20	5	3650
CIS 205 Basic Prog	M-W	4:30-6:50	5	3650
ELT 101 DC Circuits	M-W	4:30-6:50	5	3650
ENG 099 Prep English	M-W	4:30-6:50	5	3650
ENG 101 Eng. Comp. I	M-W	4:30-6:50	5	3650
ENG 101 Eng. Comp. I	T-Th	4:30-6:50	5	3650
ENG 102 Eng. Comp. II	M-W	7:00-9:20	5	3650
ENG 201 Amer. Lit I	T-Th	7:00-9:20	5	3650
GSC 212 Environ Studies	T-Th	7:00-9:20	5	3650
HIS 101 West Civ I	M-W	7:00-9:20	5	3650
MTH 096 Arithmetic	M-W	4:30-6:50	5	3650
MTH 097 Elem. Algebra	M-W	7:00-9:20	5	3650
MTH 099 Inter. Algebra	M-W	7:00-9:20	5	3650
MTH 101 Cont. Math	M-W	7:00-9:20	5	3650
MTH 111 College Alg	M-W	4:30-6:50	5	3650
MTH 112 Trigonometry	T-Th	4:30-6:50	5	3650
MTH 114 Calculus I	T-Th	7:00-9:20	5	3650
*PSY 111 Student Orientation	M	4:30-6:00	1	3650
*PSY 111 Student Orientation	T	4:30-6:00	1	3650
PSY 201 Gen. Psy.	M-W	7:00-9:20	5	3650
QTY Intro to QTY	M-W	4:30-6:50	5	3650
SOC 201 Intro to SOC	T-Th	7:00-9:20	5	3650
SOC 221 Marriage/Fam	T-Th	4:30-6:50	5	3650
SPH 101 Fund. Speech	T-Th	4:30-6:50	5	3650
TRT 141 Trt Mgmt. I	T-Th	4:30-6:50	5	3650
BIO 101 Prin. of Biology	Fri	4:30-9:20	5	3650

*Meeting Dates: Sept. 9 or 10; Oct. 7 or 8; Nov. 4 or 12

New policy addresses religious practices

WASHINGTON — A new policy allows commanders greater flexibility and better guidelines for accommodating soldiers' religious practices.

The Army leadership recently approved the policy to implement a directive by the Department of Defense to all the military services, according to Sgt. Maj. Bruce R. Brill of the Leadership and Policy Division in the Pentagon. The policy is being incorporated into Army Regulation 600-20, and will become effective Jan. 1, 1986.

"The Army places a high value on the rights of its members to observe the tenets of their respective religions," Brill said. For that reason, the policy gives unit commanders the authority to permit specific religious worship, dietary and medical practices in those cases where the commanders determine that such practices will not have an adverse impact on military readiness, unit cohesion, standards, health, safety or discipline.

Commanders' authority includes authorizing separate rations and allowing soldiers to provide their own supplemental food rations in a field or "at sea" environment when they can validate that their religion

dictates a particular diet, Brill said. For example, some faith groups have religious tenets that require the eating of special foods or prescribe their preparation.

Commanders also could waive the requirement for immunizations or other medical treatment, provided that the unit will incur no medical risk and that no interference will occur with the military requirement for alert status and deployment potential. This provision could cover members of sects whose religious practices conflict with normal Army medical procedures. These conflicts include belief in self-care and prohibitions against immunizations, blood transfusions or surgery.

Finally, commanders should allow soldiers time off from duty to attend worship services, Sabbath observances and holy days, except when precluded by military necessity, according to Brill.

If soldiers have a religious practice that the commander does not have the authority to accommodate (such as wearing particular articles) they should submit a request through command channels to DA asking that the practice be accommodated, Brill said.

If Department of the Army approves the request, it will either be added to those listed in AR 600-20

authorizing the commander to accommodate the practice on a case-by-case basis, or will become an exception to policy for all soldiers who can document their belief in the particular practice.

Exceptions to dress and appearance standards granted before August 1981 remain valid to soldiers practicing Sikhism. These soldiers will retain authorization to wear full beards, turbans and religious bracelets, and can continue to serve in the Army as long as they remain qualified for retention. However, they cannot be assigned outside the continental United States because of health and safety considerations.

"Accommodation of a soldier's individual religious practice cannot be guaranteed at all times," Brill said, "but must depend on military necessity." (Arnews)

NATO agency supports MLRS

BY BOB HUBBARD

They help themselves and each other but, equally important, the agreement signed recently by the United States and four allies improves readiness and greatly strengthens the NATO alliance.

That is the bottom line of the pact signed in Luxembourg in late June by the U.S., France, West Germany, United Kingdom and Italy.

Under the agreement, the NATO Maintenance and Supply Agency will operate a facility and provide services and support to the five partners on the Army's Multiple Launch Rocket System.

"We are a full partner in this program, the first time the U.S. has joined a coordinated logistics effort," said Dave Gardner of MICOM's MLRS project office. Gardner was named chairman of the weapon system partnership committee at the Luxembourg meeting.

"For us, this will mean tangible benefits like a shorter supply pipeline and much faster repair of equipment," Gardner said.

The NATO Maintenance and Supply Agency expects to be on line with initial repair and return services in 1987, according to Gardner, and will follow in 1989 with remaining support services when all the countries have their MLRS equipment.

Equipment common to all the partners in the logistics concept is the self propelled launcher loader. The countries will attempt to maintain operational and logistics interchangeability of their equipment.

MLRS is the classic example of international cooperation in weapon development, and is the first Army missile program to start from the beginning as a four-nation development effort. The U.S., Great Britain, France, and West Germany in July 1979 signed a memorandum of understanding calling for the cooperative development of a standard NATO rocket.

Italy signed in July 1982. One goal of the memorandum was the development of a common logistics concept.

That goal is now reality.

Gardner said other NATO members acquiring MLRS may subsequently join the logistics partnership.

MICOM's Missile Logistics Center is exploring with European allies the possibility of similar logistics arrangements with other systems.

Attending the Luxembourg meeting with Gardner and representing the United States were Lt. Col. B.L.J. Verdier of the MLRS project office; William Hastings of the Missile Logistics Center; and Robert Daniel, deputy assistant secretary of defense for logistics and materiel management.



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Announcements

Black employees

The next scheduled meeting of the Black Federal Employees Association will be held Tuesday, Aug. 6, at 7 p.m. in the Alpha House at 4301 Oakwood Ave.

Officers Club

Lunch will not be served at the Officers Club on Friday, August 2, due to the change of command reception. Those who normally eat at the Officers Club can go to the NCO Club for lunch.

Basketball leagues

A men's slow league for age 35 and older and a women's league are being formed for civilian and military people. The Civilian Welfare Fund basketball league plans to add them for the 1985-86 season. Those interested in participating should call league president Abdullah Muhammad 876-4195 or 837-8855 or Dewitt Palmore 876-1261.

Data processing course

The Learning Resource Center offers a course in Data Processing Concepts. It includes the following: introduction to data processing systems; card data processing and keypunching; auxiliary storage; introduction to system analysis and design; and introduction to program design and development. To apply for this course, submit a DD form 1556 to AMSMI-JT/LRC, building 7446, Attn: Learning Resource Center.

Softball tournament

An invitational softball tournament, open to civilian and military teams, is set for Aug. 2-3 at the troop softball fields. Anyone interested in fielding a team should call Sports Director Irv Lyles or SSgt. Tom Morrissette 876-2943.

Parents Without Partners

Parents Without Partners is a support group for single parents who are coping with a new lifestyle. The next meeting will be at 7:30 p.m. Thursday, Aug. 1, at St. Paul's Methodist Church, 3601 Gesman Place, Huntsville. For more information call 882-0846.

Exchange sale

From Aug. 7-11 the Army and Air Force Exchange Service is having a variety of merchandise on sale. Included are electronics, clothing, hardware, cleaning supplies, tires, automotive merchandise, toiletries, pet supplies, camping equipment, and home winterizing items. Also, AAFES is offering a \$5 discount on a mileage saver tune-up. In cafeterias and snackbars, the "your guess is as good as mine" rub-out cards will be featured.

Wine tasting

The Huntsville Chapter of Les Amis du Vin (Friends of Wine)—an international, non-profit, wine education society—will meet at 7:30 p.m. Monday, Aug. 5, at the Huntsville Hilton. Members and guests will explore a new category of wines known as "blush wines." For information or reservations, call 837-0886, 882-0644 or 883-2572. Reservations must be received by Aug. 2.

Baseball telecast

The Huntsville Stars, in their inaugural Southern League baseball season, are slated to make their second television appearance on Tuesday night, Aug. 13, against the Knoxville Blue Jays. The game will be televised live by WHNT-TV, Channel 19, in Huntsville. Air time for the broadcast will be 7:30 p.m. with game time set for 7:35 at Joe Davis Stadium. The Stars' first television appearance was on Thursday night, July 4th, from Birmingham's Rickwood Field when the Stars beat the Birmingham Barons 9-5.

Spot bid sale

A spot bid sale of government surplus property will be held Aug. 7 in the Defense Reutilization and Marketing building 7427 on Warehouse Road. Registration starts at 8 a.m. and the sale begins at 9. Items for sale include typewriters, calculators, valves, electrical and electronic equipment, copying machines, books, sleeping bags, lamps, file cabinets, chairs and desks. The property is located in building 7427 and may be inspected from 8 a.m. to 3 p.m. each day, excluding Saturday and Sunday.

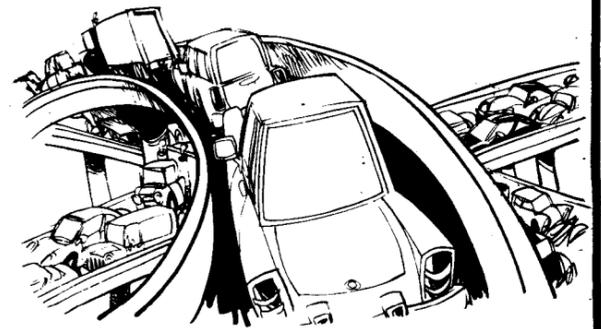
Blood program

Here's the Red Cross blood program schedule for August: Aug. 2 from 8:30 a.m. to noon, Fox Army Community Hospital, and from 7 a.m. to noon, building 5400 (bus); Aug. 3 from 7 a.m. to noon, 3480 south (7th Student Company); Aug. 9 from 7:30 a.m. to 12:30 p.m., 4488, and from 8 a.m. to noon, 4566 (bus); Aug. 13 from 2 to 6 p.m., 3436 (Marine detachment); Aug. 16 from 7:30 to 11:30 a.m., 8027, from 7 a.m. to 1 p.m., 5681 (bus), and from 8 a.m. to noon, 7442; Aug. 20 from 8:30 a.m. to 12:30 p.m., 4752 (NASA); Aug. 21 from 9 a.m. to noon, 3711 (Recreation Center); Aug. 23 from 7:30 a.m. to 1:30 p.m., BMDSCOM (bus); Aug. 30 from 7:30 a.m. to 12:30 p.m., 4488, and from 7 a.m. to noon, 5663 (tentative). For more information call Naomi Whitaker, blood program coordinator for Redstone Arsenal, at 876-3124/2759.

Found property

A gold, boys bicycle, brand name Murray, has been found. The owner may identify and claim it by calling the Investigations Division 876-2090/3449.

Carpool Hotline



Call 876-1500 to place your free carpool ad.

Civic center area

Ride wanted from north of civic center to 7442, hours 8-4:30. Juanita Ward 876-4693.

Pulaski Pike

Ride wanted from Pulaski Pike near The Mall to 4488, hours 7:30-4. Mary Patton 876-4943.

Decatur

Carpool member wanted from Decatur (southeast, Kroger parking lot) to 4500 vicinity, hours 7-3:30. Sandra Duke 876-3137.

ACS flea market

A flea market sponsored by Army Community Service will be held from 9 a.m. to 2 p.m. Aug. 3 in the parking lot of the 1st Alabama Bank, Redstone Arsenal branch. Registration fee is \$5 per space and is open to all military ID card holders, active or retired. To register go by ACS building 3491. For more information call 876-2859.

Warrant officer graduation

All interested persons are invited to the graduation and appointment ceremonies for warrant officer candidates class 4E-260A-02-85. Activities are to begin at 10:30 a.m. Aug. 16 in building 3711, Recreation Center auditorium. For more information call CWO 2 Stephen Wade 876-2754/2761.

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(Monday Evenings)

SECTION II—September 10-October 29, 1985
(Tuesday Evenings)

Each section consists of 8 class sessions which meet from 6:00-9:30 p.m. in Madison Hall, Room 110 on the UAH Campus.

FOR FURTHER INFORMATION OR REGISTRATION
CONTACT THE OFFICE OF MANAGEMENT STUDIES
(205) 895-6272

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Three hazard waste facilities to be closed here

Closure plans for three hazardous waste storage and treatment facilities at Redstone Arsenal have been submitted by Marshall Space Flight Center to the Alabama Department of Environmental Management and are available for public review and comment, according to an ADEM announcement.

The three facilities include an industrial waste treatment basin and two surface impoundments for hazardous waste storage, all located on Martin Road at Indian Creek, plus a facility for temporary storage of hazardous waste in the igloo area.

Cleanup of the treatment basin will require removing PCB-contaminated sludge and taking it to a hazardous waste landfill for proper disposal, according to an ADEM news release. The basin's liner and underlying soil will be tested, and any materials with PCB levels above 50 parts per million will be excavated and removed to an approved landfill.

The basin was found in 1980 to contain PCB by Environmental Protection Agency investigators looking for possible sources of PCB found in Triana residents. Tests showed some residents had accumulated PCB in their bodies along with DDT from eating fish. A sludge sample from the basin contained 270 ppm of PCB. That was the highest level found in several PCB sources located both on and off the arsenal but investigators were not able to say where the PCB originated that wound up in people in the Triana community downstream from the basin on Indian Creek.

ADEM stated that the PCB likely entered the basin from a transformer spill. The basin also contains heavy metals at below-hazardous levels.

The two surface impoundments store hazardous waste that includes waste water treatment sludges from electroplating operations, according to ADEM. Liquids in the impoundments will be treated to remove

pollutants and the remaining sludge solidified and disposed of in an approved landfill. Contaminated material will also be removed from the clay liner and underlying soil and the impoundments will be sealed with topsoil and planted to grass.

The hazardous waste storage facility will be tested to see if contamination is present. If any is found that cannot be removed, ADEM requires that a post-closure monitoring and maintenance plan be submitted.

The period for public comment on the adequacy of the closure plans extends through Aug. 2. Locally, the plans may be examined at the Madison County Health Department.

Columbia College

REDSTONE ARSENAL EXTENSION

Class Schedule

Session IV

August 12 thru October 6, 1985

BUILDING 3222



PHONE 881-6181

CLASS SCHEDULE FOR SESSION IV Monday-Wednesday, 5:00 to 7:30 p.m.

Course No.	Course Title	Prereq.	Instructor
ENG 100*	Reading/Study Skills	None	Yates
PSY/SOC 360	Social Psychology	PSY 100	May
BUS 150	Intro. to Business	None	Smalley
ENG 204	Technical Writing	ENG 111 & 112	Anglin
CIS 150**	Intro to Programming BASIC	None	Jones

*Tuition Free Course
**Lab Fee

CLASS SCHEDULE FOR SESSION IV Tuesday-Thursday, 5:00 to 7:30 p.m.

Course No.	Course Title	Prereq.	Instructor
ENG 112	English Composition II	ENG 111	Mills
BUS/MA 320	Calculus for Business & Finance	MA 150 or MA 250	Patty. C.
SOC 214	Family	SOC 101 or Instr. Perm.	Bill
ENG 370	Major Literary History	ENG 111 & 112	Larson
CIS 251*	COBOL II	CIS 250	Pitfield
CIS 170	Intro. to Computer Info. Systems	None	Thomas

*Lab Fee

Monday-Wednesday, 7:30 to 10:00 p.m.

Course No.	Course Title	Prereq.	Instructor
ENG 111	English Composition I	None	Yates
PYS 101	General Psychology	None	May
BUS 363	Production & Service Management	BUS 330 or Instr. Perm.	Smalley
BUS 265	Business Law I	BUS 150	Traylor
CIS 280	Systems Development	CIS 150 or Instr. Perm.	Jones

Tuesday-Thursday, 7:30-10:00 p.m.

Course No.	Course Title	Prereq.	Instructor
BUS 330	Principles of Management	None	Foster
MA 105	Intermediate Algebra	None	Patty. S.
SPC 110	Speech Communication	None	Bunyard
CJ 461	Corrections	CJ 101 or Instr. Perm.	Moon

GENERAL INFORMATION

Academic Calendar-Session IV, August 12-October 6

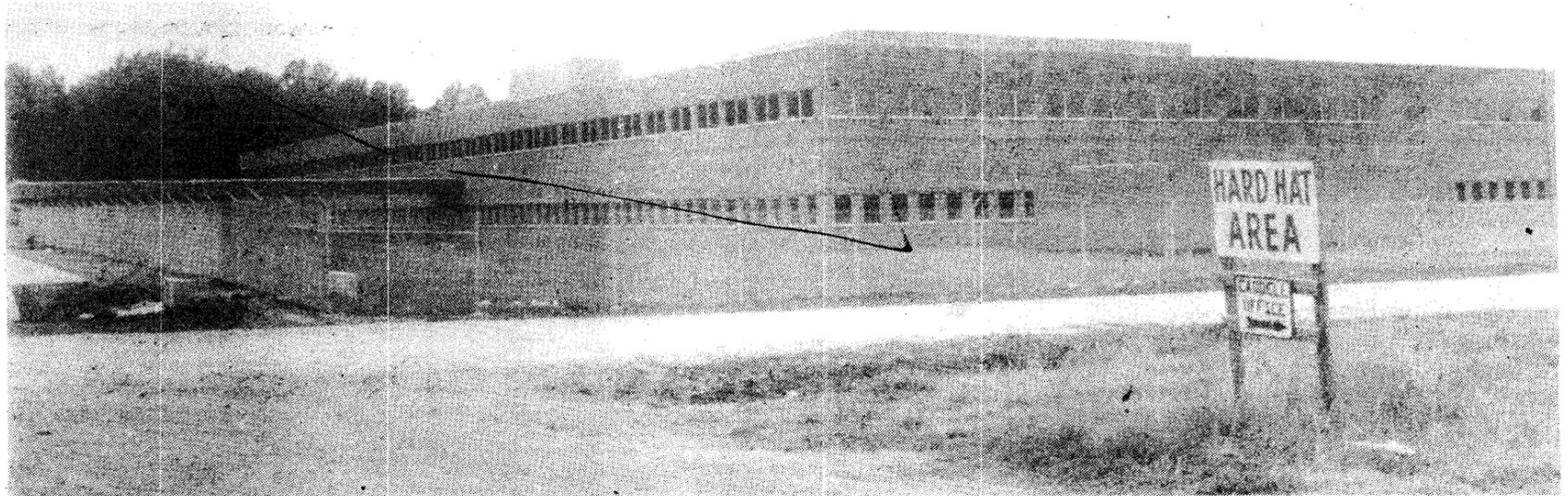
Registration Begins	July 12
Classes Begin	August 12
Late Registration	August 20
Tuition Assistance Form Deadline	August 20
Last Day to Drop Without Financial Penalty	August 23
Class End	October 6

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 HOURS: 8:30-4:30 Monday thru Friday. PHONES: 881-6181 or 876-4851. COUNSELING AND REGISTRATION ARE AVAILABLE ON A WALK-IN BASIS.

Reading/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. Complete degree programs (two and four year) are offered on Redstone Arsenal: Bachelors in Science/Business Administration, Arts/Business Administration, Psychology, Criminal Justice Administration, and Individual Studies. Associate in General Studies, Science/Computer Information Systems, Science/Science Management and Criminal Justice.

Columbia College

REDSTONE ARSENAL EXTENSION



AHEAD OF SCHEDULE — The Missile Command's new computer software center is progressing ahead of schedule and construction engineers are anticipating completion early in December. The two-story brick building is located southwest of the airfield in a remote area for radar safety reasons. It is more than 400 feet long and has

office and laboratory space in an "L" shape around a high bay. Battlefield Automation Directorate will use the center to manage the use of computers in missile systems.

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1983 Toyota Longbed P.U. truck with camper shell, 5 speed, air, deluxe 19000 miles like new \$6850.

For Sale: 13" Color TV-good condition \$60, 837-1358.

For Sale: Utility trailer, good for PCS moves. \$75. Call 837-1358.

For Sale: 1984 Ford Excort GT, sunroof, am/fm radio, cassette, 5 speed, 2 door, hatchback with louvers, a/c, 4 new Michelin tires, fog lights, 40,000 miles, great condition. Plus many more extras. Asking \$6,250 or best offer. Phone Kym 876-8111(w) or 586-8523(h).

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Oak Bedroom Set—Headboard w/mattress, vanity w/mirror and night stand. Two months old. \$450, 882-9449.

For Sale: 1976 17' Aqua Bass Boat with Easy Trail drive on trailer, 90 H.P. Mercury with power trim & tilt & jackplate, 12/24 trolling motor—two depth finders - windshield \$4,100, after 4:00 pm weekdays 852-9684.

1986 Mazda B2000 LX loaded! 6,000 miles \$8900 Must sell moving call Earl 876-2890.

Suzuki 175E excellent condition, low mileage, low hours \$595, 536-8736.

For Sale: 8 1/2' long sofa excellent condition. Three seat cushions, 3 back cushions. Muted gold print. \$300.

For Sale: 1 pair of JBL L110 Speakers, 1 Pair of JBL L19 Speakers \$200. Call 830-2487.

For Sale: Baldwin Piano, Howard Model, walnut finish, \$975; Gemein Hard T, open holde flute, \$160; guitar \$35, passap electric knitting machine, \$45, 1.5 cubic ft. refrigerator, Sanyo, \$60, Fireplace glass screen \$40, Call 881-7054.

For Sale: 90 HP Mercury with power trim & tilt & Jackplate, 12/24 trolling motor-two depth finders-windshield \$4100, Call after 4:00 pm 852-9684.

For Sale: Terry Camper Trailer, 23', shower/bath, gas/electric ref, 2 gas bottles, ac, sleeps six, and more price \$4700, call (h) 882-9156 (w) 876-6846.

1981 Olds Cutlass Supreme 2 dr. diesel, am/fm stereo, Landau Top, cruise control, adjustable tilt steering wheel, a/c, power steering & brakes, new batteries, & fan belts, good tires excellent condition, \$4100 takes it! Call 881-3315 after 4:00 pm.

For Sale: 1971 V6 Commando four wheel drive Jeep with automatic hubs, full metal top, am radio, tow bar, full grill guard, skid plates, chrome luggage rack, swing away spare tire carrier, trailer hitch, fold down rear seat, gun racks, storages boxes, radiator screen, compass and fold down frnt passenger seat. One owner with only 56,000 miles an in excellent condition. \$3,000 Call J. Parks 876-8991 (w 7:30-4) or (615)433-2190 (home after 6 pm)

For Sale: Mahogany Duncan Fyffe dining room table with four chairs, approx. 30 years old. \$300, 1-586-3585 (Arab).

1985 Honda Accord LX. 5 speed, 4 door, gray 7200 miles, fully loaded, \$10,000 Call Kelly at 876-4961 after 5 pm, Call 881-7389.

For Sale: 2 Royal blue carpets, each 6'x9' \$30 ea. 8 ohm 12" Wolverine speaker in Mahogany cabinet \$40, 1 chair valet \$15. Like new screens, All measure 3/4" wider and longer than the following measurements: 6-35"x38", 2-35x74, 4-23x74, 12-35x54, 2-39x54, 1-27x38/2-23-54, 5-39x74. \$2.50 for each screen, Call 883-5300.

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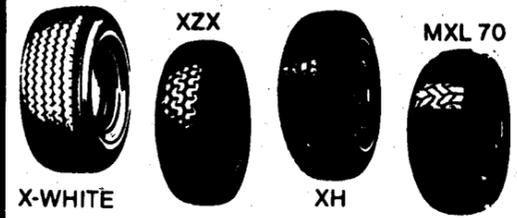
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P185/70R14	66.00	P175/70R13	47.00	P185/75R14	64.00
P185/75R14	69.50	P175/75R13	49.50	P195/75R14	66.00
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P205/75R14	77.50	165/70-13	44.00	P195/75R14	69.93
P215/75R14	81.00	175/70-13	49.50	P205/75R15	74.00
P225/75R14	83.00	185/70-13	50.50	P215/75R15	76.00
P205/75R15	77.00	175/75-14	52.00	P225/75R15	78.00
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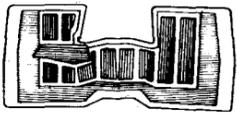
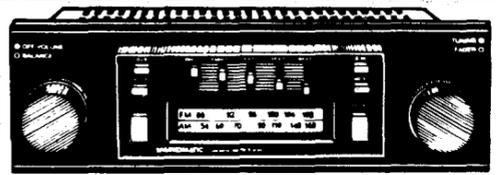
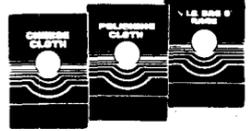
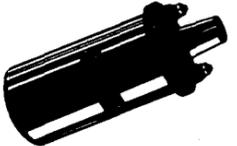
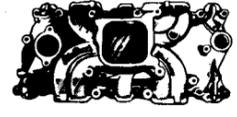
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<p>148⁸⁸ One-Year Warranty Air Conditioner Compressor Remanufactured for most late model GM cars. With clutch. Price with exchange. #R4.</p>	<p>Castrol 20W/50 Motor Oil Limit 12. Engineered for smaller cars.</p>	<p>.79 Freon 14 oz. 30 lb. cylinder also available. Limit 6.</p>
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COOL SAVINGS AND HOT VALUES

FULL ONE-YEAR WARRANTY ON REBUILTS

 <p>Outboard Motor Oil Specially formulated for marine, motorcycle and lawn mower engines. Limit 2. .79</p>	 <p>Full Front Truck Mat Durable rubber. 5 1/2 ft. 4 colors. #6613. 14⁸⁸</p>	 <p>Sparkomatic AM/FM Cassette Stereo 5 band equalizer with 45 watts of audio power. #SR305. 79⁸⁸</p>	 <p>Puncture Seal Limit 2. #M11-12. .66</p>
 <p>Your choice •Polishing Cloth •Cheese Cloth •Bag O' Rags .99</p>	 <p>Mini Bulbs 2 per pack. Limit 2 packs. .69</p>	 <p>Grant Steering Wheel Walnut outer rim with chrome center. #213. 39⁸⁸</p>	<p>EXPRESS PARTS SERVICE for hard to find parts.</p> <p>Sale Price 1.50 Mail In Rebate 1.50 Your Cost FREE</p> <p>FREE Super Flush or Super Sealer AFTER REBATE Your choice</p>
 <p>Westley's Concentrate Polish 12 oz. paste or 16 oz. liquid. Your choice 1.47</p>	<p>QUALITY PARTS</p>		 <p>Mighty Lifts Gas filled lift support. Hatchbacks 14.99. 9.99 Trunks</p>
 <p>STP Gas Treatment 8 oz. Limit 2. .77</p>	 <p>Timing Chains For most domestic cars and trucks. 20% OFF</p>	 <p>Caliper Kit For most domestic cars and light trucks. 20% OFF</p>	 <p>DORCY 1.88 Motorcycle Grips</p>
 <p>Universal Coil Most import and domestic vehicles. #C-819. 5.99</p>	 <p>LIFETIME WARRANTY Auto Shack Gas Shocks Ultimate in ride comfort. 11.99</p>	 <p>Edelbrock Manifold Fits small block Chevy. #5001. 64.88</p>	 <p>NYBCO Sandable Primer High quality primers. Red, black and gray. 1.19</p>