

The Redstone Rocket

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Missile fixing made simple

BY RAY ROWDEN

William C. Krisher is a thorough, patient and soft-spoken man who works in the Training Analysis and Design Division of the Directorate of Training Development at

MMCS. These are necessary traits for someone overseeing the development of technical manuals and training materials for an Army missile system.

So it was surprising to hear the fierce pride

in his voice when he laid his hand on the recently published technical manual for Dragon missile system repairmen and said, "There are no weak areas in this manual."

He had already patiently explained that the manual was produced under a new concept known as SPAS (for Skill Performance Aids), and that the manual was written by the system's prime contractor with coordination provided by Ron Harris of MICOM's Publications Division, and tested on a group of soldiers with only basic electronics training.

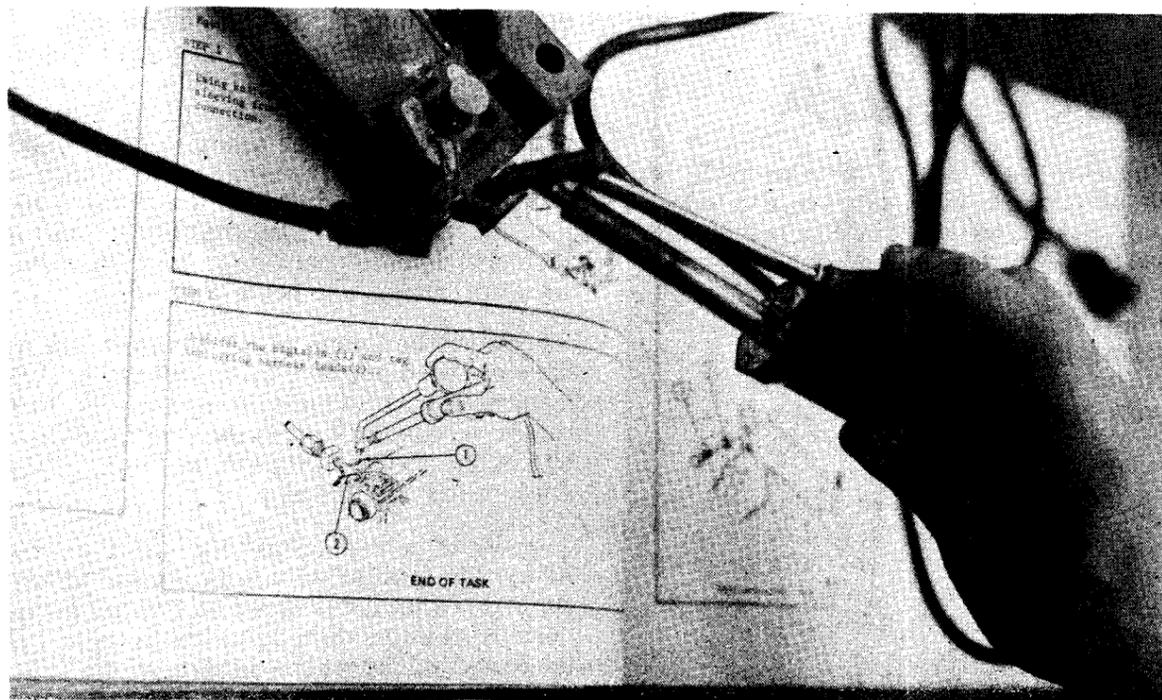
He had also explained that the manual featured many illustrations and simple, easily-understood language, and that all these principles would apply to any Extension Training Material (ETM) that might be produced to supplement the basic manual.

He was patient and soft-spoken through all of that. But his blood warmed up a little when he was asked if the ETM would be designed to correct weaknesses in the basic manual.

That is definitely not the case he emphasized. "Training" is the key word in title. The ETM provides guidelines that supervisors in the field can use to teach working soldiers skills explained in the manual. After the training, the soldiers rely less on the manual to perform what has become a common task.

Both Krisher and Harris, feel there are two

(Continued on page 5)



'It takes the guesswork out.'

Computer controls climate in homes

The Facilities Engineering Utilities Branch is testing out a new system that will control air conditioning in family housing from a remote location this summer.

The computer-based system will automatically shut off air conditioners briefly in military residences when the outside temperature reaches a preset level.

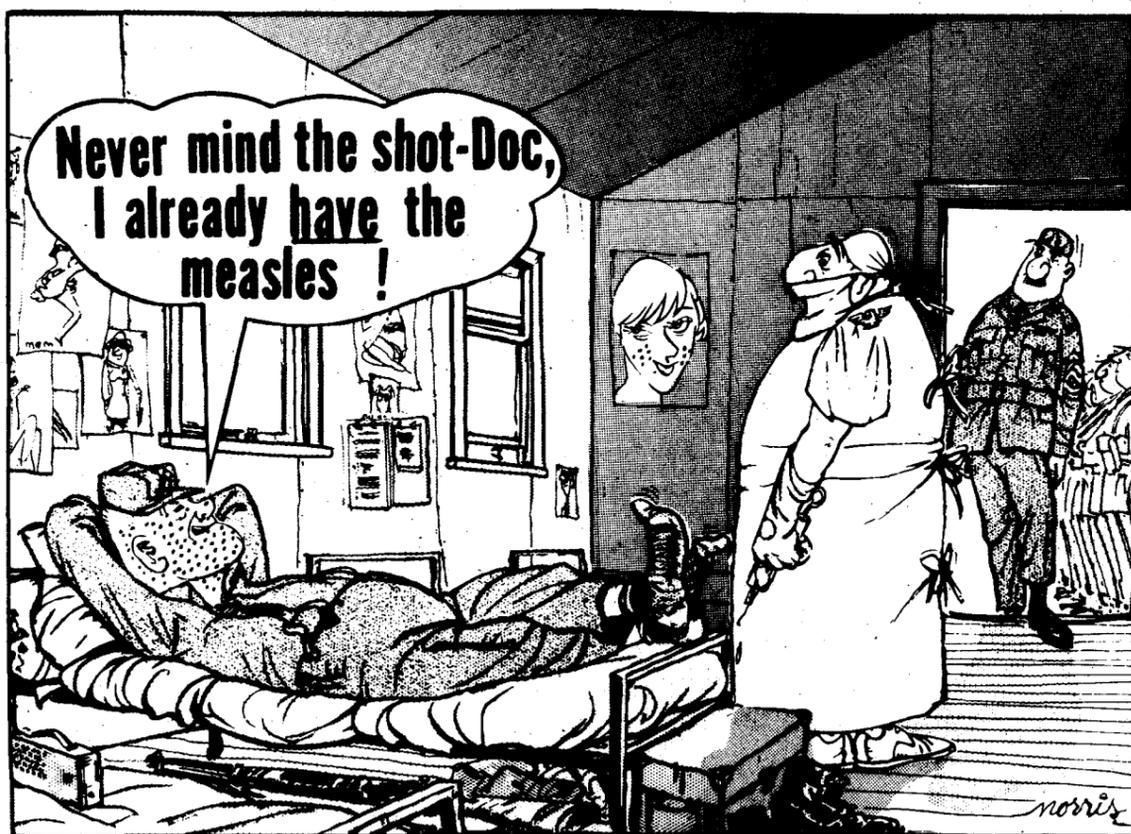
Use of the new system should not cause any discomfort to family housing residents, a utilities spokesman said since the temperature in the home is not expected to vary more than one degree during the brief shutoff periods.

Compressors only will shut off automatically when the outside temperature is below 78 degrees during the day or below 75 degrees at night. Additionally, selected compressors will be shut off during periods of peak electricity demand, which may occur on very hot days. Shutoffs will average seven minutes in duration, and won't occur more than once in any 30 minute period.

Fans will not shut off at any time, but will continue running to circulate air.

To execute a control action, the computer, which is based in Bldg 5414, will send a tone signal over telephone lines to a transmitter on Madkin Mountain. The transmitter then uses an FM radio signal to activate switches which

(Continued on page 13)



Army vaccinates against measles

WASHINGTON — Because of recent rubeola (measles) outbreaks, all new recruits will be vaccinated against measles, according to DA medical officials.

Also, when measles appear at any Army installation, the population "at risk" will be vaccinated. For example, if a few soldiers in a company get the measles, the remaining

soldiers in that company would be immunized.

According to officials, the outbreaks were caused by a number of things, which included:

- Trainees who did not have measles as children.

- Trainees who were immunized with a vaccine that did not provide lasting immunity.

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Opinion

Why do people join AUSA?

Almost 3,000 soldiers and civilians in this area are members of the Association of the United States Army. Ever wonder why?

Someone did once. The directors of the local chapter wanted to know if changes in their programs and activities would attract more members, so they took a survey.

They found that the opportunity to eat a meal out and hear a speech had almost

nothing to do with why people joined AUSA.

Nor, as the cynics might suspect, did pressure and arm twisting.

Most people said they joined AUSA out of loyalty to the Army. And when asked to expand on that thought, most said AUSA was a voice for the Army, an outfit that said things the Army couldn't say, but that needed saying. There's a good chance the same answer

would turn up today because even more than years ago, AUSA is speaking out, telling Americans hard truths and backing them up with facts. They were doing it long before the Ayatollah Khomeini and 100,000 Russian soldiers in Afghanistan made the need for strong American military forces obvious even to folks who wanted to believe the world was a nice place and would stay that way.

Letters

Concerned about retiree COLA

Editor:

President Carter is once again breaking faith with federal employees in his futile attempt to "Balance the Budget." The President proposes to reduce the Cost of Living Allowance (COLA) from twice to once a year which will cost federal retirees \$600 million. The COLA is supposed to help retirees keep up with inflation, unfortunately it does not keep up with inflation, but it does help. If the COLA is cut to once a year adjustment, federal retirees will be required to further reduce their standard of living each year.

The National Association of Retired Federal Employees (NARFE) is the only organization that is dedicated exclusively to the interest of retired federal employees. NARFE has been instrumental in obtaining many of the benefits now enjoyed by federal retirees and is now actively leading the fight in opposing the reduction in COLA adjustment.

Congress must be convinced that the President's proposal to reduce COLA ad-

justments is a breach of faith on promises made by previous administrations to federal employees and should not be enacted into law. However, Congress only listens to voter strength and this is what NARFE needs in fighting for federal retiree benefits. NARFE membership is not limited to retired federal employees; it also includes active federal employees who are 50 years of age with 5 years of federal service. NARFE membership only costs \$7.50 a year, which is a small price to pay for membership in an organization that is dedicated to protecting federal retirees interests. For information on NARFE call 837-2571 or 536-6810.

Everett A. Brouillette
President
Madison County Chapter No. 443
NARFE

Letters to the editor should be signed (name withheld on request) and sent to: The Redstone Rocket, DRSMI-G.

AUSA says it is not a lobby but it mails out regularly a lot of fact sheets and position papers to a long list of decision makers and community leaders, sends the same message to the news media and follows up with speeches to anyone willing to listen. Lately a whole lot of people have been listening. AUSA has been saying that the time for hard choices is at hand, and hard choices are being made now in Congress. For the first time in memory, defense spending is going up, while social programs are being slashed.

Some of the things AUSA has been urging have not been popular, even with the Army's leaders. The AUSA hard line on the need for a return to registration and the draft brought it into public conflict with the Secretary of the Army a few months ago.

AUSA, of course, speaks for AUSA, not the Army, but most of what it is saying, what it supports, what it has urged as priority public business, relates directly to the problems of the Army and the well being of its people.

That's why you may want to join.

Who knows, the wife might even want to go to a dinner meeting if you asked.

Dave Harris

THE REDSTONE ROCKET

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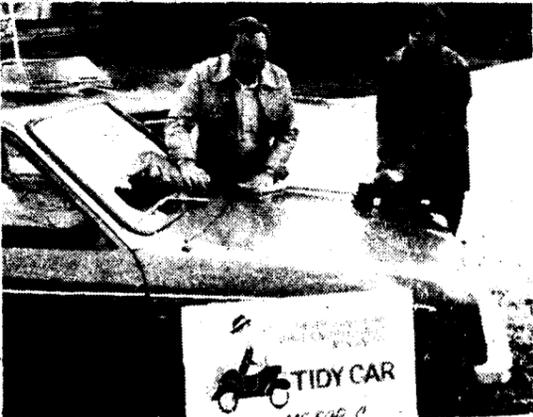
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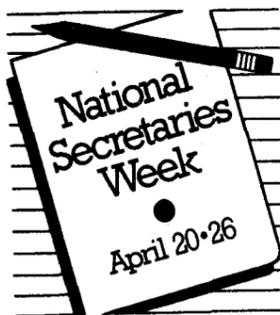
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**What is your opinion
of Army policies
on sexual harassment?**



Pvt. 2 Anthony Shaw, 7th S.C. — "I think that when women join the Army they join to be soldiers and they ought to be treated like soldiers. I haven't seen any big problems with sexual harassment in the Army. In fact, women seem to be treated better than men."



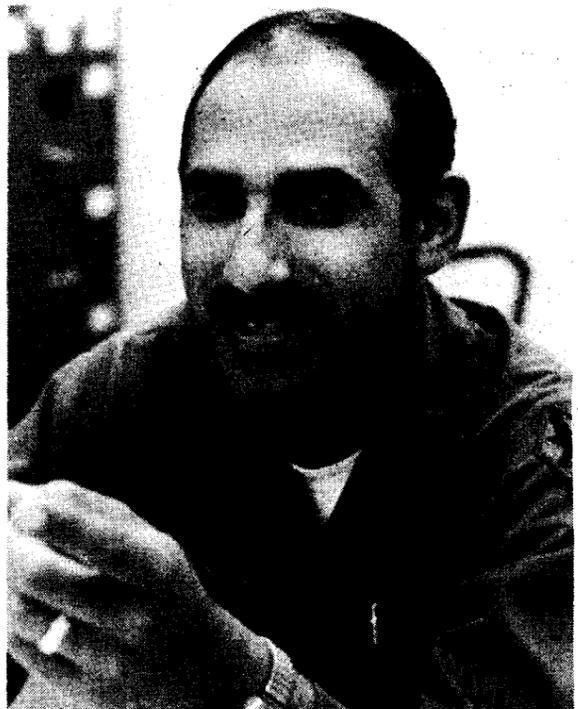
Sgt. Lewis Johnson, Co. B — "I think it's getting a lot of attention because the Army's taking a lead role in this area. But as long as they keep being fair to both sexes it'll work out alright."



Sp4 Edward Davis, 7th S.C. — "It's good that the Army is cracking down on that sort of thing, because it is an obstacle to achieving smooth running operations that involve women soldiers. It's a problem in civilian life too, and I'm glad the Army is taking the initiative in trying to change it."

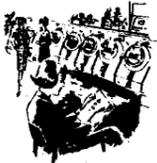


Sp4 Patricia Tolly, 8th S.C. — "I've never been sexually harassed and I've been in the Army for three and a half years. I have taken verbal abuse from male soldiers and I'm glad the Army is taking a firmer stand on that. I think most women who are sexually harassed bring it on themselves."



SSgt. Augusto Montero, Co. A — "This issue is getting blown all out of proportion. Sexual harassment is not one of the Army's big problems. All this attention it's getting makes it seem like a much bigger problem than it really is."

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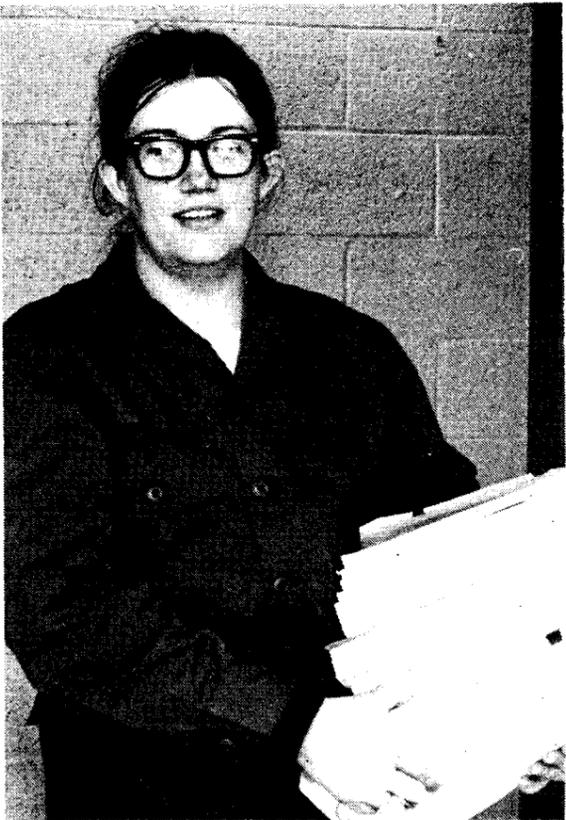
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Woman soldier takes honors at Fort Benning NCO course



Ostendorf with study materials

"At first I was petrified by the thought of being at the Army Infantry Center and School and competing in class with the infantrymen and rangers. But after the first test, I realized that I could do well and was able to relax," said Sp5 Rena Ostendorf.

She was talking about her recent visit to Fort Benning, Ga., where she attended the Primary Noncommissioned Officer Course with more than 100 E-4s and E-5s. And the material supply specialist with the 515th Ordnance Company did very well.

In fact, she was the distinguished graduate.

She said the course was not as strenuous as the "the Brown Shoe Army's NCO Academy," although it included daily inspections and drill and ceremony as well as classes on land navigation, nuclear, biological and chemical warfare defenses, physical training and trips to both the wet and dry portions of the infamous Leadership Reaction Course.

"The main thrust was on classroom activities and learning the various aspects of leadership. Our three major tests were on communications, leadership and personnel management."

She explained that even if the students pass all these tests they cannot successfully complete the course until they demonstrate their ability to apply leadership principles in realistic sessions of role play.

Ostendorf found the leadership training reinforcing techniques she had been using for years — not as a soldier, but as the mother of four girls. "I think my experience in making corrections and talking with my kids really helped. I was a little surprised to learn that some things I thought were maternal instincts were being taught in an Army leadership course."

However, she said the real key to her success was a "Can Do" attitude. "Before I went to Benning, I was interviewed here by my company commander and first sergeant and CSM Hall (of 1st Battalion) and they all stressed the importance of a positive attitude.

"I decided before I left that I would do well. That kind of mental outlook really helps in a course that requires a lot of reading and study after class."

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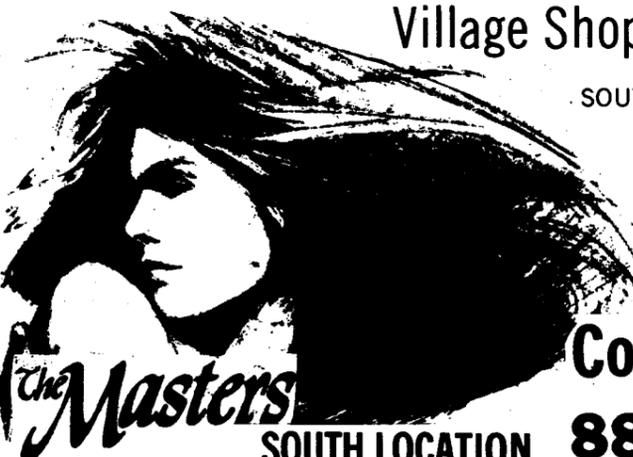
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Simple

(From front page)

major strengths of the new Dragon manual — or any manual developed under the SPAS concept.

First, these manuals are designed for the soldiers that need them — either because they haven't learned or have forgotten a specific task. The manuals and ETM give easily understood, illustrated instructions for step-by-step performance of what needs to be done.

Second, is the user verification step of the development process. Before the manual for Dragon repairmen was approved, several groups of soldiers scheduled for Dragon training went to the McDonnell Douglas plant in Titusville, Fla., and successfully completed necessary maintenance jobs using only the manuals for guidelines. Their previous training was limited to basic electronics. Most of them had never seen the system before.

One of the young soldiers who helped test the manuals said, "The simple facts are that the manuals were readable and understandable, but if you really didn't think hard about what you just read, you were bound to goof up. I never finished high school and I did not have difficulty in doing the procedures.

"I think that's where the drawings played an important part in the manuals. I give the illustrations a lot of credit. Without them I don't think I could have done the experiments."

After hearing a variety of similar remarks

from the soldiers who helped prove the manuals work, Krisher and Harris were confident the manual was on target. But they were unsure of how the senior NCOs would react to the new manual. After all, it was written for much less experienced soldiers.

Harris said he was surprised to learn that most NCOs who saw the book expressed the feeling, "The simpler, the better."

That idea was seconded by SFC Floyd Hartsgrove, an instructor (or as he said, "course manager") in the self-paced training of TOW — Dragon repairmen at MMCS.

"These are great. I dare say that if you have any electronics background at all, you can jump right in and repair any piece of Dragon equipment with this book."

He added, "It takes the guesswork out. Everyone that I've talked to with experience in this field is all for it."

Sp5 Gerald Wentworth said he had recently completed work on new hands-on exercises for the self-paced students using the new manual. Compare to the same exercises, but with the students using the old manual, "These are a lot easier and take less time. With the old manual, all you saw were numbers and lines. Now you see specific drawings of the part of the unit you're working with.

"The old manual taught more theory, but

the new one gets the job done — and a lot faster."

The Army-wide coordination for the SPAS concept is handled by an office of the U.S. Army Training Support Center at Fort Eustis, Va. SSgt. Wade Clinedinst of that activity said TOW and Dragon were two of five fielded systems selected as test beds for the new concept. The others were the M-60 series tank turret, the M-60 tank chassis, and selected Army wheeled vehicles.

He said, "The current policy is to consider all new systems coming into the Army for SPAS application. Other candidates are fielded systems that have a long life expectancy. Especially if those systems present operational maintenance problems."

Lt. Col. James Elliott of the same office added that more than 260 contracts have already been let for the development of new manuals based on the SPAS concept.

The operators manuals for the Dragon system were the first to be published, as part of a two year contract. Manuals for new systems will be developed concurrently with the hardware they explain.

It may take a while for some soldiers to adapt to the new style of manuals. The many illustrations have earned it the nickname of "the comic book manual." But anything that works as well as the new Dragon manuals won't be laughed at by soldiers in the field.



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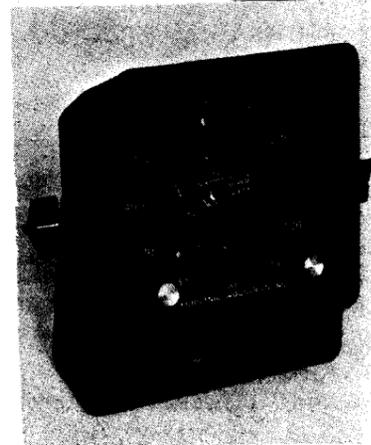
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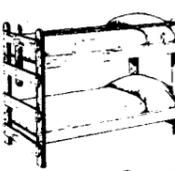
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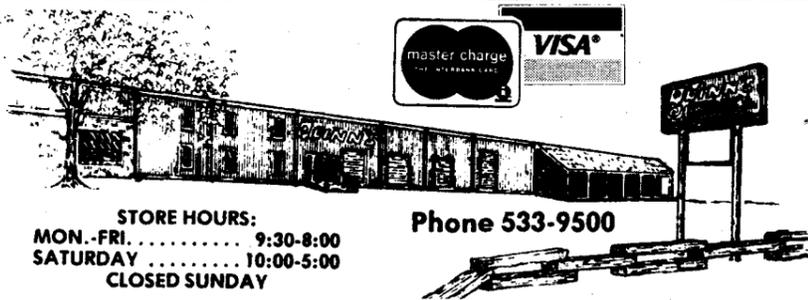


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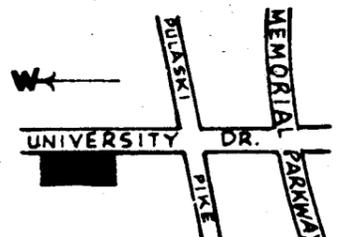
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Outdoor programs prove popular

Redstone's expanded outdoor recreation program has proven a hit with soldiers according to Joe Hopkins, physical activities director.

The first planned events were booked solid last weekend, before the rains came. There are a few spots open for the one coming up. Call 876-4868 to sign up or for further information.

You can sign up for archery, no prior experience necessary. Free instruction will be

offered beginning at 1 p.m. April 19 at the Outdoor Recreation Center. The off-post event for the coming weekend is a day hike on the Bee Branch Trail in Bankhead National Forest.

The Outdoor Center offers free transportation and a guide to lead a group of 30 on a 2.5 mile hike on one of the most beautiful trails in Alabama. Hikers went to Little River Canyon last weekend.

There will be a tournament for field archers at the Outdoor Center beginning at 9:30 a.m. April 26 to select the post champs to represent the arsenal in regional events later this year.

Hopkins said many soldiers and their families are also taking advantage of the equipment rentals offered by the Outdoor Center by the day or week. Some of the more attractive options: Fishing Combo; boat motor and trailer, \$3 day-\$18 week; Back Packing Combo: pack, sleeping bag, two man tent, pack stove, \$2.25 day - \$13.50 week; Camping Combo: Lantern, two burner camp stove, cooler and cook kit, \$1.50 day - \$9 week.

You can rent fishing tackle at the Rec Center too. Soldiers fishing on or off post need a state license. You also need a post permit to fish on Redstone. You can get both at the Outdoor Center.

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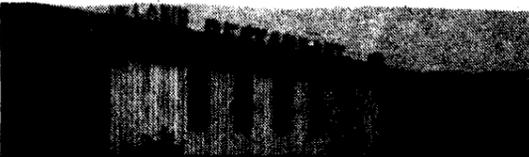
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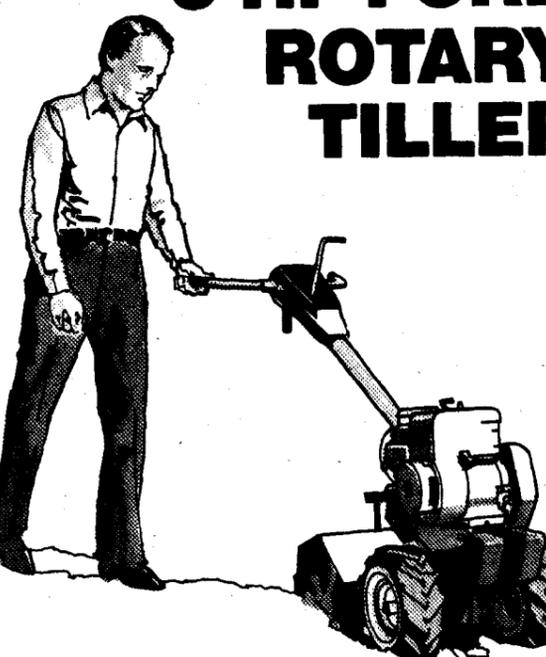
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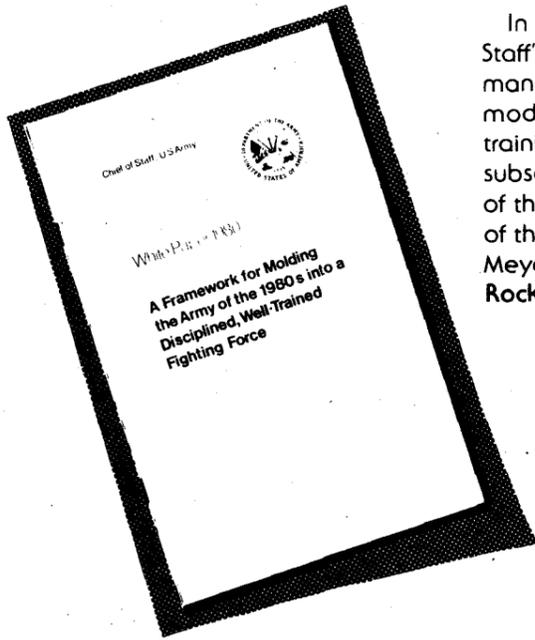


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A vision of the Army of the 80s



In this installment of the Chief of Staff's white paper, he discusses manning the force and managing modernization. He will address training and mobilizing the force in subsequent installments. Serialization of the white paper, called "my vision of the Army of the 80s" by Gen. E. C. Meyer, began in serialization in the *Rocket* on April 9.

MANNING THE TOTAL FORCE

Manning the total force is the major challenge the Army faces today. In the near term we must focus our attention on the special problems of recruiting and retaining sufficient numbers of qualified personnel to meet our immediate needs. In the longer term we must develop a more effective personnel management strategy, one which more accurately identifies requirements and better articulates resources necessary to satisfy those requirements. We must recruit and retain those personnel who possess the motivation and qualifications necessary to make a positive contribution to the Total Force. And we must recruit and retain them in the numbers necessary to man the structure required in the 80s and 90s. Concerned leadership and attention to the needs of the individual will continue to be major determinants of the success of our recruiting and retention efforts. Commitment on the part of the Army's personnel, uniformed and civilian, Active and Reserve Component, demands our reciprocal commitment to improved quality of life of the individual. Positive leadership, retention of the tie between the soldier and his leadership over time, concern for the individual, and improved quality of life offer the framework within which esprit and cohesion are built.

Our immediate concern is accessing to meet our requirements today by balancing qualification and potential capability in our new recruits. The recruiting message must include the profession — as well as the occupation — and the positive image of service to the nation and pride in that service. Recruiting is not only the job of the recruiter, but also the responsibility of the commands, the commanders, and the individual members of the Army team.

Additional resources are required to build and sustain a recruiting system which will produce the accessions required; progress is possible given adequate funding. The FY 1980 Budget Amendment and FY 1981 Supplemental request seek sufficient resources for our initiatives. Bonuses for critical skills, 2-year and 3-year enlistment option programs, split training, and direct enlistment into the IRR offer prospects for strength increases in the Active, Reserve Component and trained manpower pool over the next several years.

Army civilians are also a vital part of the Total Army, but external constraints on grade limitation and hiring ceilings have impacted adversely on their retention. We must be able to indicate clearly the impact on readiness of changes in civilian endstrength. Additionally, each military manager must take an active interest in the professional development of civilian employees. In order to retain our civilian employees, we must display the highest level of human concern and provide a climate for personal growth and job satisfaction.

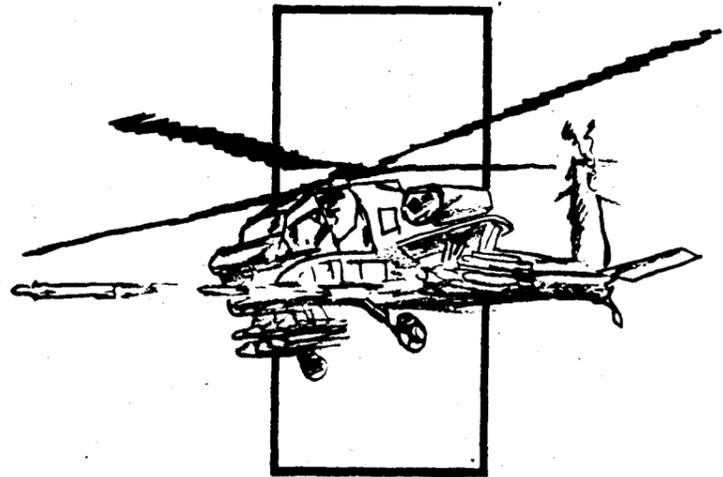
Cohesion is a product of policy and actions at all levels to establish strong interpersonal bonds which mold a unit into a cohesive team. Officers must understand that loyalty downward breeds cohesion and must ensure that a climate of loyalty — upward and downward — is established. NCOs need to be developed to a higher degree than ever before and the NCO must train, lead, and care for his soldiers. We must focus on teamwork at the lowest level of our organizations where cohesion is most essential. We must begin to think, for example, in terms of increased unit training, emphasizing the individual as a member of the team.

Our success in manning the Total Force in 1980-82 will determine the base for the Army in the years beyond. The Army must compete successfully for, and judiciously apply, the required resources while examining alternatives to existing policies for future applicability. Developing cohesive units over time must be the central focus of such efforts. Leaders in the field must lead, moti-

vate, and help mold our soldiers and civilians into cohesive units capable of accomplishing wartime missions under what may well be the most demanding circumstance any army has ever experienced. Recruiting and retention are everybody's business.

MANAGEMENT OF MODERNIZATION

Next to manning the force, the management of modernization is the most complex challenge facing the Army in the 1980s. Modern weapons systems will be integrated into the force at an unprecedented rate. However, current economic inflationary trends raise the price of the Army-preferred modernization rate above provided resource ceilings. Consequently, if we are to exploit the technological advantages of these modern weapons and support systems, we must make the hard decisions that maximize the return on the defense resource investment.



The Army is making a concerted effort to attain a required rate of modernization within the limits of constrained dollars. The resultant Army Modernization Program is the largest in peacetime history and is *intended* to achieve at least technological equivalence in fielded systems by 1985 and superiority by 1990. However, while planned procurement for modernization during the FY 81-85 period is on the order of \$33 billion, it will not buy all the required systems.

To improve the return on investment, the Army is developing a comprehensive acquisition plan which prioritizes resources for those systems which enhance force capability by the greatest amount. The plan will provide a mechanism to develop a common denominator for comparison of dissimilar systems. Since no such mechanism currently exists, one which will optimize return on investment needs to be developed. This plan will be translated into a long range research, development and acquisition plan against which we can measure progress and weigh the value of making changes. Furthermore, the acquisition plan must be consistent with sound tactical and logistical judgment. We should invest the necessary resources in systems which exploit our strengths and our adversary's weaknesses. In this regard, priority of resources should be assigned to those items which provide a force multiplier effect for combat, combat support, and combat service support mission areas. For example, our ability to counter enemy command, control, and communication systems will compete with our ability to counter armor vehicles.

The acquisition plan also needs to be based on sound business principles. Specifically, the most efficient buy should be the rule. Therefore, only selected *economic buys* should be accelerated. Conversely, programs with marginal returns on investment should be delayed or deferred. With regard to trade-offs, we should invest in modernization areas where significantly larger readiness dollars would otherwise be required. Another essential component of acquisition planning is a provision for time-phasing of major programs to allow for continual improvement in all mission areas at coordinated rates of advance. Finally, the acquisition plan should recognize the activity of the private sector and elect either not to compete for scarce production capacity during a given period or to recognize the increased cost when such competition is necessary. The acquisition plan, once developed by the Army leadership, requires total Army support and necessary discipline to ensure that we do not decrement our programs in a piecemeal fashion.

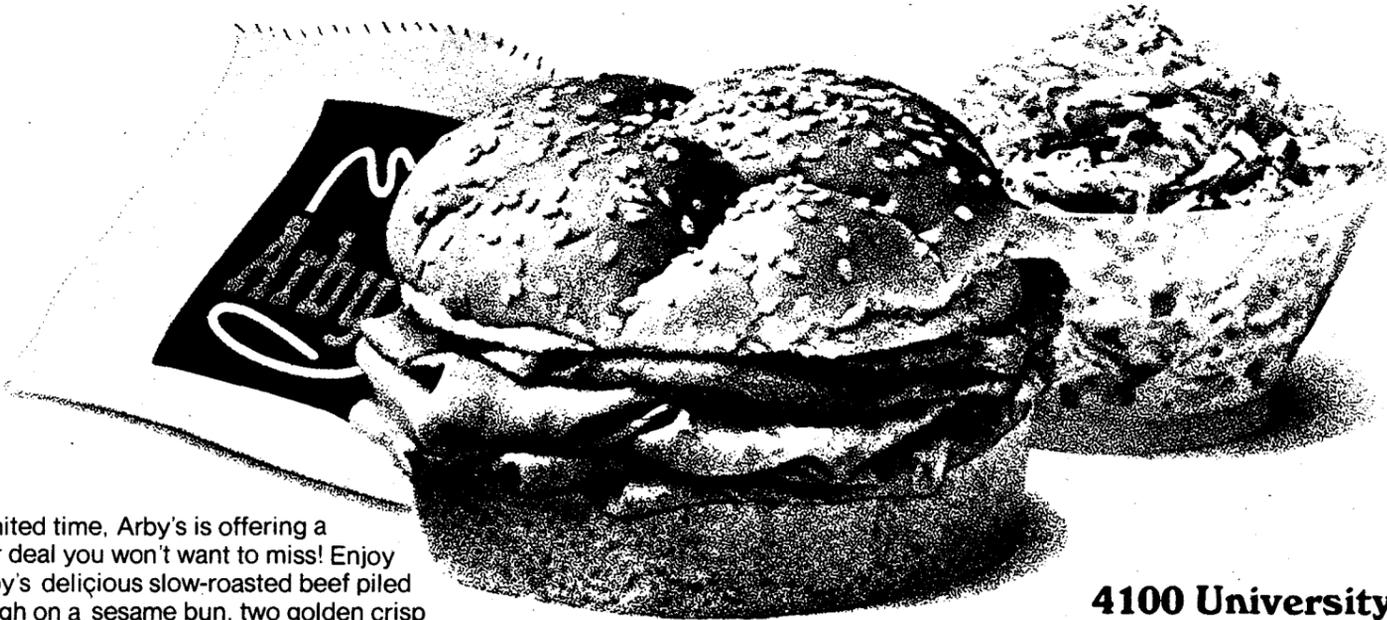
The Army must take a broad perspective and properly integrate our acquisition plan into overall Army plans. Inherent in this concept is the identification of total requirements to support each new system. Mutually coordinated commitments must be obtained from both Project Managers and the Major Commands. As we field new systems, the importance of integrated logistics systems, manpower and training requirements, and maintenance needs must be

(Continued on page 10)

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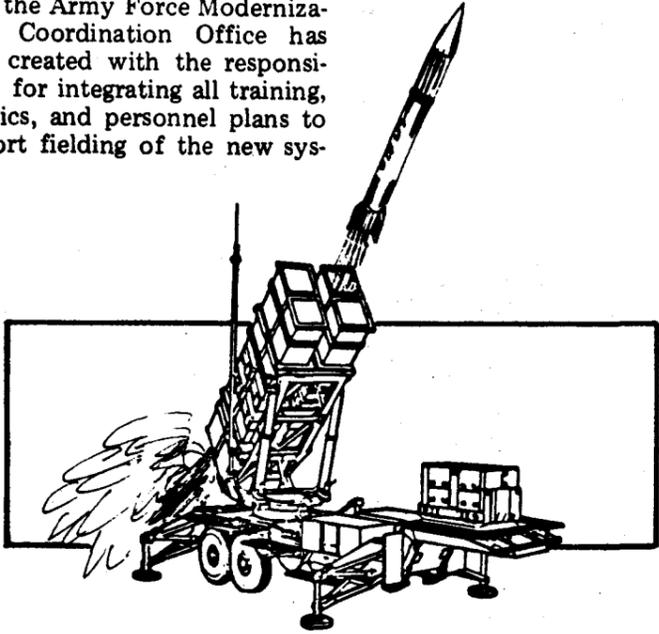
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A vision

(Continued from page 8)

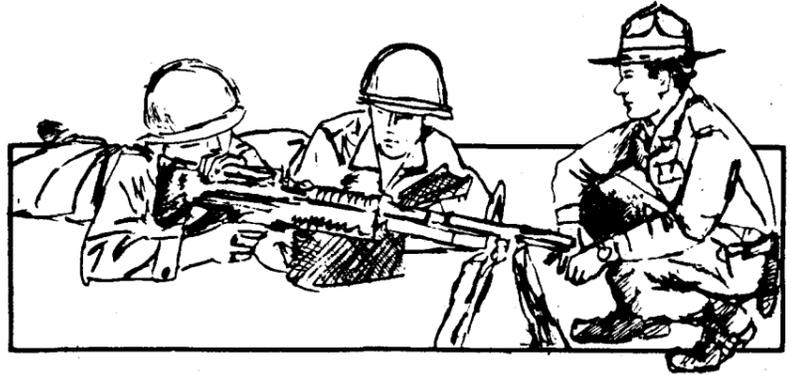
recognized. Manpower requirements must define numbers, skills, grades, and costs to recruit, train, and retain soldiers to man the systems. To ensure this coordination, the Army Force Modernization Coordination Office has been created with the responsibility for integrating all training, logistics, and personnel plans to support fielding of the new sys-



tems. Finally, our perspective should reflect trade-off considerations for maintaining an industrial mobilization base. Our procurement plan must accept the short term cost of a broad based, modern industrial mobilization capability. This base may, of necessity, include producing some new equipment on a less than optimal basis.

The Army must consider the *total system*. A comprehensive, coordinated acquisition plan is needed to provide not only efficient development and acquisition but also successful fielding — a total systems approach.

(Continued next week)



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Product Assurance data bank tracks equipment deficiencies

BY BOB HUBBARD

At the push of a button, the Army Missile Command's Product Assurance Directorate will soon have access to a computer data bank for tracking and controlling deficiencies in Army missile equipment.

"We're now loading data into computers and expect to be fully operational later this summer" said Laurie Atkinson, Product Assurance Director.

Atkinson said computers will give the command historical background on two important programs — Quality Deficiency Reports and Equipment Improvement Recommendations (QDR-EIR).

"What's more, data on monthly and quarterly reports, some requiring eight hours when it was done manually, can be retrieved in minutes by computer.

"With this program, we can do a faster, more efficient job."

Atkinson said Product Assurance is working closely with several other MICOM directorates — including Management Information Systems, Maintenance Engineering, and Materiel Management — on the Deficiency Reporting system (DRS) which is being implemented throughout DARCOM as part of standard computer programs.

In operation, deficiency reports will come to

MICOM from soldiers in the field and from DARCOM depots around the world. The reports, submitted on a detailed form (SF-368), identify materiel and the contractor; tell whether materiel is new, repaired or overhauled; how long it was operational before failure; quantities and number of items found deficient, among other things.

Wealth of information

"We will have at our fingertips a wealth of background information, status of the equipment, and what actions are being taken to solve the problem," Atkinson said.

"This will make us better managers and improve Army missile readiness around the world."

Information on deficiencies can be retrieved in minutes, displayed on a video screen, or a hard copy printout.

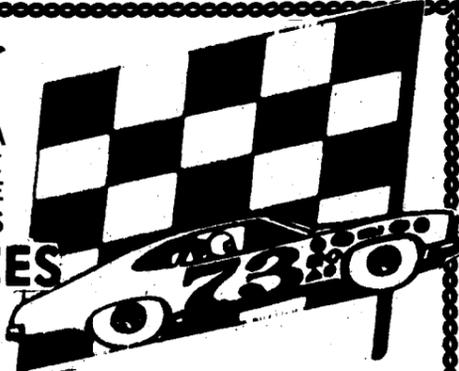
Each month, MICOM will send a magnetic tape of data to DARCOM's Materiel Readiness Support Activity in Lexington, Ky., to build and support the DARCOM data base.

The Deficiency Reporting System was designed by representatives from several DARCOM commands, working closely with technical specialists at the Automated Logistics Management systems Activity in St. Louis, Mo.

At Redstone, the Depot-International Logistics Operation Quality Branch, under

Frederick Varden, is managing the DRS program for Product Assurance. The branch is part of the Product Quality Management Division under R.L. Neumeier.

Representing Product Assurance during the two-year development of the system were Vaughn Frederick, Bob Willis and Bob Mercer.



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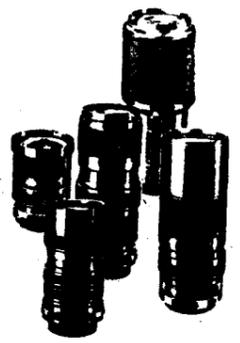


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<p>100-200 F4 CLOSE-FOCUS</p> <p>All-purpose zoom lens Extremely compact and lightweight Continuous close-focusing design 1/3 life-size reproduction ratio Accepts Vivitar Matched Multiplier</p>	<p>185⁰⁰</p>	<p>MATCHED MULTIPLIER</p> 	<p>54⁹⁵</p>
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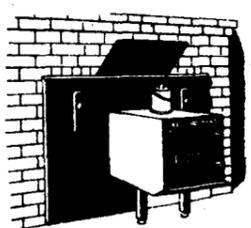
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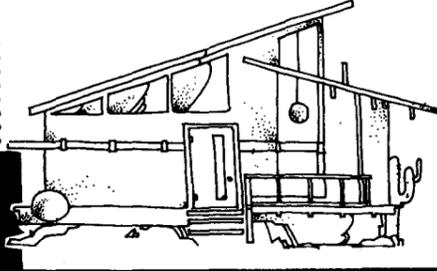

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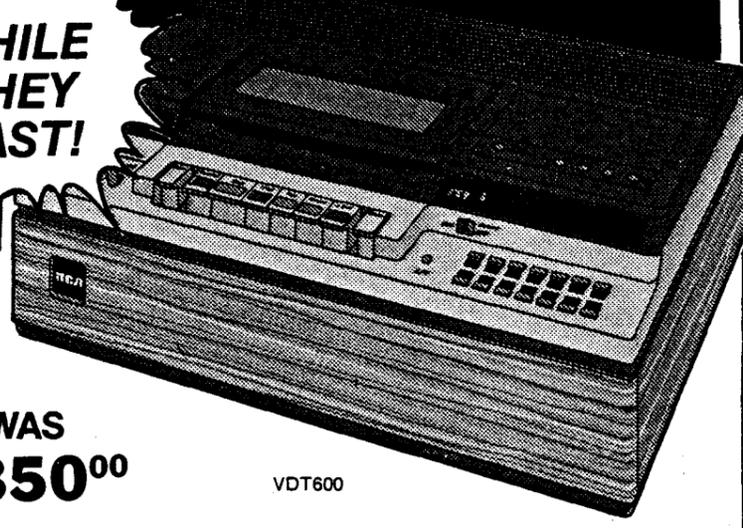
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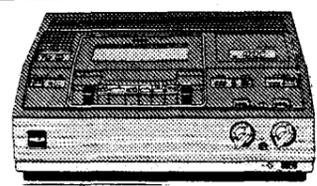
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Climate

(From front page)

have been installed on air conditioners at family housing units.

Utilities Branch has had the new system for about two weeks. "We're trying it out now so we can 'de-bug' it in time for the air conditioning season, said Arthur Barnette, chief of the electrical section.

Additionally, said Barnette, the air conditioner switches are presently being checked for proper operation at each individual house here.

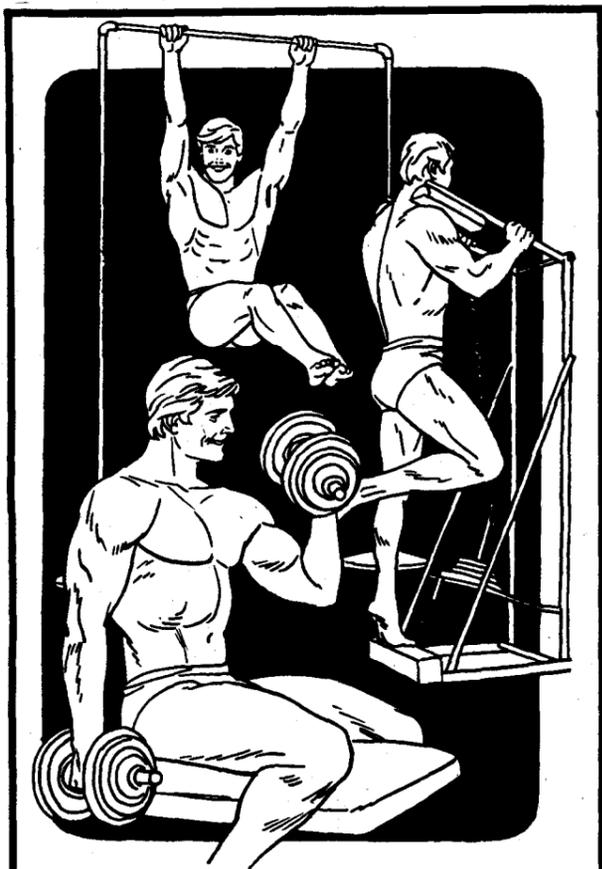
The switches are contained in plastic canisters the size of coffee cans that are attached to each air conditioning unit. On signal from the transmitter a switch in the canister trips and a clock starts running. The compressor comes back on when the clock runs down in five to nine minutes.

During the six-month air conditioning season the new system is expected to save \$60,000 on the utility bill and save enough electricity for 200 average homes.

The system will not be used on homes where air conditioning can't be interrupted for medical reasons, Barnette said.



Power controller Alvie Berry checks the new computer



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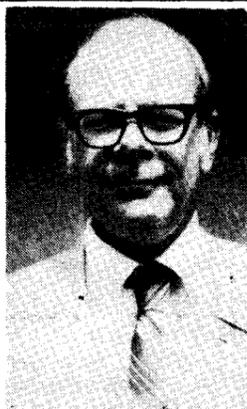
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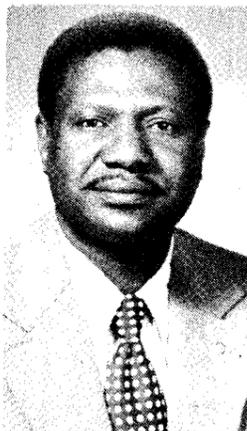


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Gate 9 traffic counted at night

Military police began a 30 day test this week at Gate 9 on Rideout Rd. to determine if there is sufficient late evening traffic to keep the gate open longer.

The gate has been closing at 11 p.m. daily. During the test period it will be open until 12:45 a.m. MPs will maintain a count of all vehicles moving through the gate after 11 p.m.



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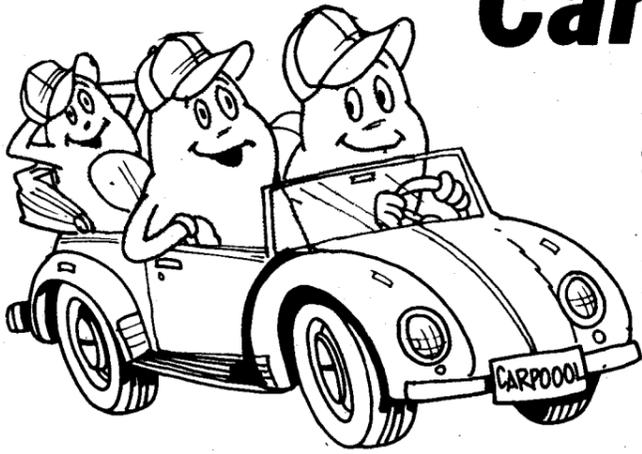
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Northwest Huntsville

Ride wanted from Third Ave. NW to Bldg. 5678, hours 7:45-4:15. Bonnie Cummings 876-5908.

Monte Sano Mountain

Carpool wanted from Nolen Ave. to Bldg. 5250, hours 7-3:30. Sarah B. Bishop 876-5131.

Wall-Triana & Hwy. 53

Carpool member needed from vicinity Wall-Triana and Hwy. 53 to Martin Rd. area, hours 7-3:30. Ike Finley 876-3316/7429.

Blossomwood Area

Carpool, ride or riders wanted from Hermitage Ave. to Bldg. 4566, hours 8-4:30, can change. Solon Blundell 876-5115.

Priceville

Ride wanted from Priceville to Bldg. 5687, hours flexible. Kay Adams 876-2383.

Announcements

Logistics engineers meet tomorrow

The Society of Logistics Engineers in Huntsville will meet Thursday, April 17 at the Officers Club Hawk room. Social is 11:30 a.m. with luncheon at noon. Cost is \$5. Larry Trimble, ILS team leader, systems and logistics group, SAI, will speak on "Development of a Master ILS Plan for Strategic Petroleum Reserves." For reservations call Roy Sharpe, 876-3064, or Margaret Campbell, 876-1195, by noon April 16.

Motorcycle club events

Coming events for Redstone Riders motorcycle club include: Saturday, April 19 — membership meeting, 10 a.m. at clubhouse. Sunday, April 20 — Cerebral palsy map run sponsored by Huntsville touring club, 10:30 a.m. at main PX parking lot. Saturday & Sunday, April 26-27 — Overnight campout to Cheaha State Park, 9 a.m. at main PX parking lot. Saturday, May 3 — membership meeting, 10 a.m. at clubhouse. For more information call Ken Blackmer, 837-1715, or John Bleshey, 837-8414.

Recreation Center

Tonight — Movies at 7 p.m. Thursday — Bingo at 8 p.m. Friday — Pool at 7 p.m. Saturday — Dart Tourney at 3 p.m. Sunday — Flossie Mae musical show. Monday — Movies at 7 p.m. Tuesday — Skittles Night at 7 p.m.

Post Theater

Tonight — Talia Shire, Robert Foxworth in PROPHECY (PG) at 7 p.m. Thursday & Friday — Linda Blair in ROLLER BOOGIE (PG) at 7 p.m. Saturday — Marlon Brando, Gene Hackman in SUPERMAN (PG) at 7 p.m.; also on Saturday, Ellen Burstyn, Linda Blair in THE EXORCIST (R) at 9:30 p.m. Sunday & Monday — Hal Holbrook, Adrienne in THE FOG (R) at 7 p.m. Tuesday — Edward Herrmann, Kathleen Lloyd in TAKE DOWN (PG) at 7 p.m.

Mother/daughter banquet

A "bring your own or adopt one" mother-daughter banquet is being held by the Protestant Women of the Chapel on Thursday, April 17, at 6 p.m. at the Bicentennial Chapel. The OWC Choral Group directed by Denell Stotser will provide musical entertainment. Guest speaker is Barbara Niedermeyer, a military wife and mother who has taught Bible study throughout the North Alabama area for many years. She presently teaches the Ladies Bible Study class at the Bicentennial Chapel on Wednesday mornings. All ladies are invited to attend the banquet and should bring either a vegetable or a dessert. The chapel will furnish the main dish and salad. No reservations are needed.

Free 'legal checkup'

For Law Day observed on May 1, the MICOM Legal Assistance Branch is offering a free "legal checkup" for active duty and retired military personnel. A form, available in Bldg. 5250, Rm M-132 should be filled out and then prospective clients can call 8 6-2296 for an appointment with a lawyer. The free checkup is being offered with the theme that, "On Law Day, May 1, Law and Lawyers are Working for You".

Aviators elect officers

The Army Aviation Association of America, Tennessee Valley Chapter, elected new officers at a recent luncheon meeting at the Officers Club. They are, Col. Neil S. Williamson III, president; JoAnne Barreca, senior vice-president; Robert Wyne, secretary; and Carolyn King, treasurer. Other vice-presidents are Maj. George M. Sible, membership-enrollment; Charles D. Stroud, programming; and Ernie Culver, publicity-industry affairs.

Separation orientation

All officer and enlisted personnel scheduled for REFRAD or separation within the next three months are scheduled for a separation orientation on Monday, April 21, at 1 p.m. in Bldg. 3495 (Toftoy Hall) auditorium. Items for discussion are veterans benefits, employment opportunities, out processing and finance. For more information, call COMPACT Transfer Point, 876-1671.

Mechanical engineers set tour

The monthly meeting of the American Society of Mechanical Engineers will feature a tour of the IPSCO Corp. in Ratliff Industrial Park in Decatur. A carpool will form at the Space Museum, 6 p.m. on April 17. Tour time in Decatur is 7 p.m. For further information call Mike Morrison, 882-8223.

'Shopping spree' winners

"Shopping sprees" worth \$150 were won at the Redstone Commissary by Rose Grasson and Rita Paulukaitis, both of Huntsville, on April 8. Winners were picked at a commissary drawing sponsored by Ralston Purina Co.

Yacht club spring cruise

The Redstone Yacht Club's spring warmup cruise is scheduled Saturday, April 26, to Marshall County Park on Lake Guntersville. This is a short cruise with a chance for newer yacht club members to make a trip through the Guntersville lock with experienced members. For more information call W. Moeller, 895-3050.

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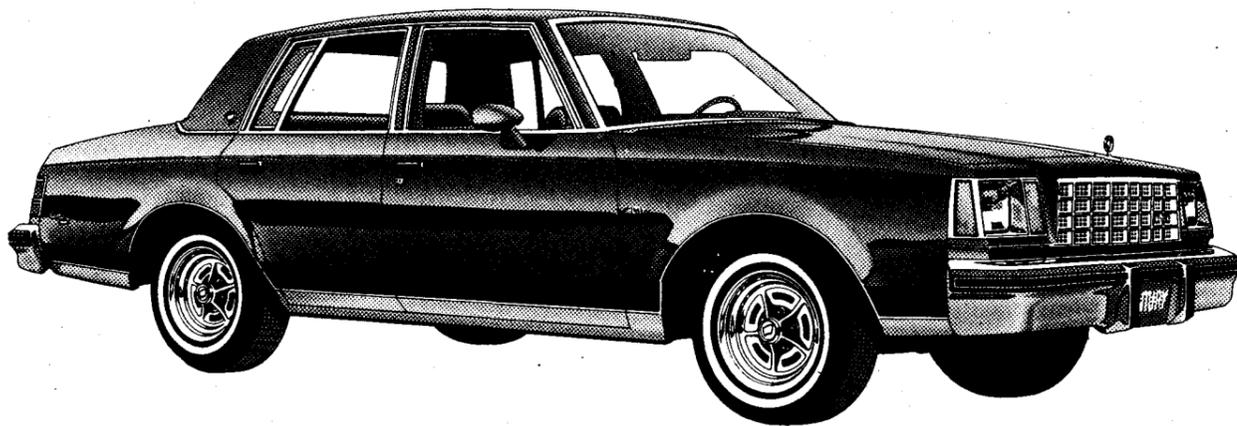


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