

Redstone Rocket

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Versatile, light weapon system has new twist

BY BOB HUBBARD

Okay, missile and rocket buffs. What's the oldest-but-newest weapon among MICOM's 20-some-managed programs? Any ideas? No? Here's another clue. This system is versatile, light, packs a big punch for its weight, is relatively inexpensive, and, here comes the clincher, more than 40,000,000 have been produced in the world.

That's right, the 2.75 rocket. The 2.75 that was developed by the Navy in the late 1940s and modified for Army use in the 50s is still around but today is a totally new weapon system.

"Nothing we're producing now has ever been produced before," said Gerald Smith, chief of the Hydra 70 rocket management office in MICOM's Missile Logistics Center.

MICOM has developed a new family of warheads, fuzes, and launchers, along with a new and more powerful rocket motor, so that the current 2.75 bears no resemblance to the old.

"Those improvements, coupled with the Army's new helicopters and fire control equipment, make the rocket fifty times more effective than the system fired off helicopters in Vietnam," Smith said.

In fact, recent Army and Marine tests to evaluate improvements "demonstrated accuracy and effectiveness approaching that of point fire weapons," Smith said. "And we can do it at a fraction of the cost."

Tests were conducted at Yuma, Ariz., utilizing the new multipurpose submunition rounds fired from a ground configuration, the Surface VI towed sub-



FIRING TEST — The 2.75 rocket passes firing test at Yuma, Ariz.

system, a wheeled launcher carrying six of the 19-tube pods.

"It was a highly successful test program," Smith said.

Scarcely five years ago, the 2.75 appeared dead, dying or desperately ill.

The project office here had been terminated, there

was little or nothing in the budget and Mighty Mouse, as it was called during the Korean conflict, appeared to have seen its best days.

What had not changed, however, was the talented and dedicated staff that continued to operate on a

(See New twist, cont'd page 4)

RASA contracted-out but permanent workers to stay on

That long-dreaded other shoe finally dropped on RASA workers, but for many it was more like a soft slipper than a hobnail boot.

After more than four years of wait, worry, conflict and confusion, their jobs have in fact been contracted-out. But, there is a new government job waiting for every one of the permanent workers in Redstone Arsenal Support Activity, they learned Friday. That assurance was given by Maj. Gen. Jerry Max Bunyard in a Commander's Letter delivered to each of them by their supervisors late Friday morning.

The Army announced Feb. 8 that a contract will be awarded to the California-based combine of Holmes & Narver/Morrison-Knudsen.

The one-year contract with four annual renewal options buys support services that civilian government workers have been performing. Total value of the contract over five years is \$137,898,930. The first year increment is for \$27,439,847.

The contractor is to begin phasing in on Aug. 1 and be in full operation not later than Oct. 1.

Contracting-out eliminates 646 jobs in RASA but Bunyard's promise of continued government employment for all permanent workers means only about 200 people on temporary appointments will be laid off.

The permanent workers will be placed in vacant jobs at the Missile Command and other local Army agencies using reduction-in-force procedures to protect seniority and other rights. Retraining will be provided where needed and those who have been in grade at least one year will be entitled to at least two years of "save pay", regardless of the grade level of the vacancy in which they are placed. Some 200 of these affected permanent workers are eligible to retire.

Government employment will end Sept. 27 for the temporary workers in RASA but they, like permanent workers who choose not to stay with the government, have the right of first refusal for jobs available with the contractor and will receive assistance in looking for jobs with local industry and business. The temporary workers were hired for a specified period of time with

the understanding that their government employment was subject to termination.

A visit to some of the RASA shops following the contracting-out announcement generally found workers at the pinnacle of mixed emotions — bewildered that they would be losing their jobs, but relieved that they would still be employed here although not a little scared of the prospect of having to take a job outside their knowledge and experience. "I've always been an electrician; that's all I know," said a veteran utilities worker.

A machinist recalled losing his job several years ago in a reduction in force and being placed in another he felt ill-suited in.

\$26 million proposed for construction here

Nearly \$26 million in military construction projects for Redstone Arsenal are contained in the president's proposed budget for fiscal year 1986.

The proposed budget provides funding for a helicopter maintenance and armaments research facility, a propulsion aging laboratory and a target seeker measurement tower, all elements of the Missile Command's laboratory modernization program, and also funds enlisted barracks and a child care building.

All projects would be initiated during the fiscal 1986 construction year with expected completion times of 12 to 24 months.

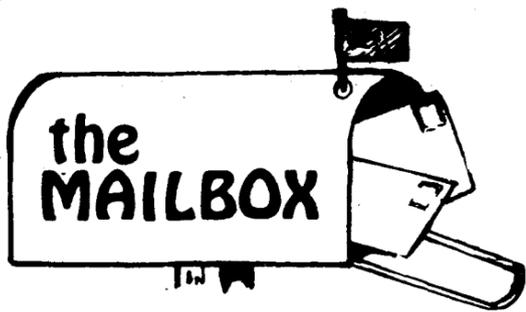
A planned heliborne systems laboratory would permit moving helicopter armament research now done in the high bay of the McMorrow Laboratory building to a new facility at Redstone Army Airfield.

A new laboratory for aging tests of missile propellants is sited in a field along Redstone Road across from the old fire station. This \$3.1 facility will move propellant aging and mechanical properties tests from an old building inside the Thiokol fence to a new facili-

ty adjacent to the main propulsion laboratory here. Performing these tests at the old facility is an inconvenience since laboratory personnel are excluded from the area when Thiokol's propellant mixing operations are underway.

Another machinist, one of the temporary workers, didn't think he would have difficulty finding a comparable job because there is a market for his skill.

One worker said the decision to contract-out didn't surprise anyone because "the grapevine" had kept RASA people pretty well informed of events taking place behind the scenes.



Snow closing

Editor:

I would like to use this letter to say thank you General Bunyard for exhibiting your concern for the health and lives of your employees at MICOM.

Fay Zanaty
Comptroller

Too much pepper

Editor:

I would like to commend Sue Ann Fair on her letter in the Jan. 30 issue of *Redstone Rocket* regarding the cafeteria menus and the lack of concern for those with health problems. Not only is the food so greasy when they do serve vegetables, but the food is so highly seasoned with pepper that on more than one occasion I have been forced to throw away my food because I could not eat such spicy foods.

I, too, am concerned for the health of all who patronize the cafeterias.

Mignonette W. Kelsoe

TDY emergency

Editor:

During a recent TDY trip to Fort Lee, Va. I experienced a death in my family. The round trip ticket to attend the funeral cost me \$492, which is the regular fare. The government's reduced fare for the same round trip ticket cost \$229.

Provisions should be made whereby the government will assist employees in an emergency situation while they are on TDY. After all, the employee would not have incurred the expense if he/she were not on TDY.

I wholeheartedly agree with the travel pay section of Finance and Accounting that the employee should pay for the trip since it does not involve government business; however, the employee should be entitled to take advantage of the reduced fare in lieu of paying the regular fare.

Are there provisions for this situation that I am not aware of? If not, who needs to be contacted and what has to be done to change or establish policy?

Pete O'Neal
MLC

CPR knowledge

Editor:

Regarding the letter by "name withheld by request," in the Feb. 6 issue, I disagree 100 percent with posting the steps of CPR.

CPR requires instant action and a smooth continuous combination of compressions to breath ratio to be effective. There is not time to read the steps and attempt to perform the steps.

You must first determine if the victim is breathing and if there is a pulse and then take the proper action as required by the situation. If you compress in the wrong place or too hard or too soft you could do extra damage or be of no help at all. The exact procedure is required to maintain the proper flow of oxygen to the brain.

I strongly feel that every employee on this installation should be CPR qualified. I am a CPR instructor whose certification to teach has expired. However, I intend to become recertified and will teach CPR to any and all who will attend in my office. If I ever have a heart attack at work, I want responsible persons around who know what to do without reading instructions as they go.

Robert L. Usher
International Logistics
Directorate

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.

Soldier's Valentine

A Redstone poet is at it again, this time for Valentine's Day.

Sgt. Johnny L. Greer of 6th Student Company first wrote a poem that appeared in the 1983 Christmas issue of the *Rocket*. The work entitled "Reflections of a soldier" was written while he was in Germany in December 1979.

Here's the supply sergeant's latest effort:

*This Valentine is just for you
a message from my heart
I want you to know, I miss you so
and I love you with all my heart
You have been so good to me
you make me feel so good
I would like to give you this in person
and I would if I could
When Cupid sent his arrow of love
to pierce this heart of mine
he picked you out, without a doubt
to be my Valentine
So darling when you read this
believe me when I say
no other could mean as much as you
on this special lovers' day
So after you have eaten the candy
and the flowers have lost their scent
read this poem occasionally
and think of the one who sent it
Because, even though we are far apart
darling I know it's true
I have the perfect Valentine
as long as I have you
I Love You*

Training program helps arsenal clubs

Employees of Redstone's clubs recently participated in a course designed to enhance food preparation and service to customers.

Pat Byrd, support services supervisor of the Installation Clubs System, said the course, called Service Enhancement Training/Upgrade Program, or SETUP, is part of a formalized training program to provide club patrons with the best service at the best price.

Fifty workers from all three clubs participated in the 40-hour course taught by the Army's Quality Food and Service Team. The students represented all areas of food service, but Byrd said the course was beneficial to everyone.

Classroom instruction and practical exercises were used to teach food selection and preparation, and table settings.

"The course was very beneficial," said Byrd. "Employees seem more responsive to their customers, and want to show what the club has to offer."

Bob Brown, installation clubs manager, said he can tell a great improvement in employees who participated in the course.

"This is a good program, and we want to continue it," he said. "We were one of the first installations to receive this course. The team came with complete training aids, and demonstrated food preparation right on the spot." He added that employees can now converse better with customers about their products.

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Sparrow Hawk hybrid hits twice

BY ED PETERS

A group of engineers here is studying videotapes of a live firing of the experimental Sparrow Hawk missile system and more and more they like what they see.

It is spectacular footage indeed, showing a slender Sparrow missile streaking from a Hawk launcher emplaced on a rugged desert hilltop.

The missile races to a near nose-to-nose encounter with a jet fighter. A slow-motion camera records this death kiss, which instantaneously turns the QF86 drone aircraft into a tumbling fireball.

"It looks like a war movie," said Tim Black with a grin.

He, Tim Ricks, Bob Ward and others working on the Sparrow Hawk program in Army Missile Laboratory have had a lot to be happy about lately.

In late January they fired their experimental missile system for the first time. "Everything we wanted, we got," said Ricks, an aerospace engineer assisting Ward, the project leader.

There were two firings of the experimental system, which mates Navy Sparrow missiles to an Army Hawk launcher and radar guidance system.

"They were both direct hits and that's great. You can't do better than that," Ricks said.

The tests were conducted at the Navy's China Lake, Calif. desert missile range before an audience of Army and Marine officials. The Marines have been deeply interested in the weapon for its potential to give more firepower and mobility to their Hawk assault fire units.

With Sparrow Hawk, engineers here have tripled the firepower of a basic three-missile Hawk launcher by strengthening it and fitting nine Sparrow missiles in clips.

This stronger launcher also has increased the mobility of both systems since a launcher fitted with missiles of either type can now be moved or transported while partially loaded. Before, the launcher could not be moved with missiles on it.

The test firings at China Lake proved the Navy

missile works with Hawk's high power illuminator radar guidance.

The first shot, on Jan. 18, was guided to a hit on the wing tank using Hawk's traditional "pencil-beam" target illumination radar.

A second shot Jan. 22 employed new "floodlight" target illumination which gives both the Sparrow Hawk and Hawk-alone systems the important new capability to engage aircraft simultaneously rather than singly. This time the Sparrow slammed into the aircraft almost head-on. This new "floodlight" target illumination principle is called LASHE (for low altitude simultaneous Hawk engagement.)

Engineers here envision a deployment concept that entails equipping assault fire platoons with both Sparrow Hawk and standard Hawk launchers. This would substantially increase the platoon's air defense firepower while leaving the larger Hawk missiles to handle targets beyond the Sparrow's capabilities.

The engineers don't discuss the missiles' performance characteristics but say each has attributes the other does not and that they complement each other when fielded together.

Non-firing tests in November and December proved a Sparrow missile mated to Hawk guidance could track a flying target.

Last October, Marines at Yuma Proving Ground, Ariz. demonstrated that the Sparrow Hawk launcher could be set up, taken down and moved faster than the conventional Hawk launcher.

Bob Ward's group in the Systems Simulation and Development Directorate of Army Missile Laboratory has brought the Sparrow Hawk from an idea to a promising weapon in slightly more than a year.

They went to work on it in October 1983 in a project to extend the usefulness of the long-lived Hawk system, now in its 25th year of deployment.

Sparrow Hawk is a product of the "technology demonstration" concept being pursued here in Army Missile Laboratory.

Under this concept, missile engineers are trying to

come up with new weapons to meet evolving threats without embarking on long, costly research and development programs. Instead, they are trying to create weapons in less time and at lower cost by "focusing" existing technology and hardware, as was done in mating two missiles with proven capabilities to make Sparrow Hawk.

The Raytheon Co. has supported Army missile engineers in building and testing the new air defense weapon.

Deer hunters get trophies

A postal worker and a soldier have won trophies for their deer kills this hunting season at Redstone.

Larry Ponzini of the U.S. Postal Service won an award for killing the largest deer. The deer he shot in area 32, a range area off Dodd Road, weighed in at 176 pounds.

SSgt. John Brown Jr. of B Company won an award for killing the deer with the most points, a 14-point buck in area 26 north off Martin Road near gate one.

Trophies were awarded by the Outdoor Recreation Center, according to Shelby Williams, a recreation specialist.

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1983 FORD ESCORT L 2 Door	
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New twist

(cont'd from page 1)

shoestring budget and began to breathe new life into the system on a piecemeal basis.

Thus Hydra 70 was born.

"Now we've got new life, we've been restored," Smith said, describing the burgeoning 2.75 program.

"We're in the FY 85 budget for about seventy million dollars and we believe funding will continue at, or near, that level through the early nineties. We've got more dollars now, probably, than when it was a major project."

Smith said the Army is buying approximately 200,000 rockets a year, excluding foreign military sales, and is on the threshold of fielding four new rocket varieties within the coming year. The new MK66 rocket motor has been adopted by the other services and both the Navy and Marines are seeking to obtain the new multipurpose submunitions and warheads.

"In addition, there is increasing activity in foreign military sales, and we are eying major co-production efforts with several countries," he said.

Along with the Surface VI system, MICOM's Army

Missile Laboratory built a non-firing prototype mounting three 19-tube launchers on the Army's new high mobility, multipurpose wheeled vehicle (HMMWV).

"That was a strawman to show what can be done using aircraft launchers and adapting them to a surface to surface role," Smith said. "It's a repackaging of the rocket system on the Cobra. We call it adaptive engineering."

Smith cited the Structures Directorate, Prototype Engineering Division, the Close Combat Team of Advanced Systems, and the Hydra 70 team for an outstanding job supporting the Hydra 70 evaluations.

"They actually modified the system on the Humvee and put it together in about five days," he said. "They did a terrific job."

Smith said the Hydra 70 office, for all practical purposes, is prime contractor for the 2.75 program and is responsible for government furnished equipment and integrating all deliveries.

"We have research, development and life cycle management responsibilities of the rocket for the Army and we manage procurement and deliveries for the other services as well," he added.



PROTOTYPE — A nonfiring prototype shows the 2.75 rocket's adaptability to a ground vehicle.

IRS postpones tax deduction decision

The Internal Revenue Service has postponed a decision on whether a tax deduction for mortgage interest expenses should be reduced for military homeowners.

This means that military homeowners can continue to claim full deduction for their mortgage interest expenses at least until an IRS decision that is tentatively scheduled for 1987.

"The IRS's prior position was that the mortgage-interest expense as an itemized deduction for these individuals should be reduced by the amount of the Basic Allowance for Quarters they receive each month since it was tax free. That was their prior position as stated in Revenue Ruling 83-3," said Capt. Brynn Bennett, an assistant staff judge advocate.

In other words the IRS had decided that the interest expense deduction for military homeowners should subtract the monthly allowance they get for living off post since the allowance is tax-free. That ruling came in the case of a minister who was receiving a tax-free parsonage allowance which is similar to the military's housing allowance.

The decision did not make military homeowners very happy. "If you're a homeowner you like having that (full mortgage-interest deduction)," Bennett said. "For homeowners I suppose it's tantamount to saying you're not going to be able to claim your child as a \$1,000 exemption."

The IRS has since decided to delay a final ruling until Jan. 1, 1987 which means ministers—and military homeowners—can continue to claim their full mortgage interest expense, at least for now.

"I don't know why they (the IRS) put it off for two years. I guess because it's such an explosive issue," Bennett said.

Last week he and an IRS representative gave a two-day tax assistance course for military unit representatives here. Bennett planned to include the status of the mortgage interest issue in a discussion of itemized deductions.

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Family's roots here go back to once owning land

BY SKIP VAUGHN

When he wasn't farming, Lawrence Jacobs Sr. worked on the arsenal during World War II.

His son, Harold, works here now. The Jacobs' story provides some insight into how times have changed from one generation of blacks to another. It can be especially valuable for Black History Month.

Lawrence Sr. had bought a 60 acre farm in Harvest through the Farmers Home Administration. He was told he could stay out of the Army and work his farm if he would take a defense job. Jacobs went to the arsenal, applied for a job and was accepted.

"They probably wouldn't have sent me to the Army if I hadn't of worked. But just trying to be a good citizen I went on and worked, and I needed the money too," he recalls.

He worked on the arsenal for about two winters and summers during the "lay-by" times when he wasn't farming. In addition, for the defense effort, he grew peanuts on the farm and sold milk.

Jacobs worked in a group of four or five blacks with a white supervisor. Sometimes his job was repairing railroad tracks, cleaning up in the Officers Club, or uncrating hand grenades stored in igloos. "The blacks always got the worst part of the job," he says.

The work was hard, especially on the railroad tracks. "Never worked on a railroad before we had this last war. I didn't know nothing about working on a railroad," says Jacobs. He recalls that the easiest work was cleaning up the Officers Club.

At the igloos Jacobs would remove crates of hand grenades, uncrate the hand grenades then place them on the banks of a pond. "And that night they'd explode them and take a caterpillar and push all that stuff over in the pond after they burned," he recalls. "That was after worktime when we'd leave. They didn't do that during (our) worktime."

He was sent to the igloos when it was found that he couldn't work around mustard gas. He kept getting sick.

"They had it in drums and when I got close to them I just had to get back. I couldn't take it," Jacobs says. "It made me dizzy, burned my face, eyes. It would just make you cry. It was just in the air. Some people worked around it pretty good."

The first day he got within a hundred yards of the chemical and got sick. The supervisor told him to get under a tree. He lay down under some trees but he didn't get any better. The next day he was overcome again so he got transferred to the igloos. "Couldn't take that gas," he says.

Jacobs' grandparents, Burwell and Kitty Jacobs, had owned 120 acres of land that would become part of Redstone Arsenal. Forty of those acres were passed on to him. Jacobs and his wife lived on the land in 1936 but moved away. "Me and my wife couldn't take that malaria," he says. Malaria was common in the area in those days when wet lowlands caused mosquito infestations.

What of the family acreage wasn't bought by the Tennessee Valley Authority was later purchased by the Army. "TVA bought all the lowland but my grandparents kept all the highland until the arsenal came and got it," Jacobs recalls.

He was born in Arkansas but has spent most of his life in Madison County, Ala. Until retiring in 1976 he worked at Oakwood College for about 23 years as a farm supervisor. "We actually done it (farming), I didn't teach it," Jacobs says. From 1979-81 he worked for the Agriculture Stabilization and Conservation Service.

At 73 he spends his time gardening and keeping the lawn and a few fruit trees. He and his wife Sadie live in the Monrovia community in a row with their two sons' homes. All of their children are married. There's Lawrence Jr., Harold, and Maxine Jacobs Rice who lives in Toledo, Ohio.

Harold, 43, is a systems accountant in the Finance and Accounting Division. He started working here in February 1964.

"I felt like the government was a good place to work," Harold says. "I felt there was a certain amount of security working in the government."

He has seen changes since he came to work. "In the number of black employees in particular even within this division—that number has increased since that



AT HOME — Sadie and Lawrence Jacobs Sr. live in the Monrovia community near their two sons' homes.

time, both in accountants and technicians and secretarial types," he says. "The grade level of blacks has gone up to some extent. And we have had at least one black in a supervisory position in the Finance and Accounting Division."

Neither Harold nor his father can think of any regrets about their time at Redstone.

"I didn't work there too long to really get involved in much," says the father.

"They have been rewarding years," says the son.



ACCOUNTANT — Harold Jacobs is a systems accountant in the Finance and Accounting Division.

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Father sees more opportunities here for his sons

BY PAM ROGERS

Three members of a black family that have worked at Redstone agree that the opportunities are better now.

Their story in Black History Month helps describe the changes that have occurred since the father of the family came to work here.

When Ollie Thompson was discharged from the service in 1944, he took a job for the winter, before he went back to his usual occupation of farming.

As a member of the 'toxic gas yard bunch,' he loaded 350 and 500 pound bombs onto trucks for storage.

"It was common labor," said Thompson, but added that it wasn't a bad job. "I never had a problem with whites or blacks," he said. "Everybody knew their job and did their job. I never had any trouble." He believes the fact that he had a supervisor who treated employees fairly was a major reason for the good working conditions.

"He didn't stand over you to make sure you were working," said Thompson. "He told you what he wanted done, and left you to do it. If the job wasn't done when he came back, he tried to help you do it. If he came back again and it still wasn't done— well, he'd take you up to the office and tell you he didn't need you any more. He just wanted things done right."

Thompson believes the younger generation of black people who work here have more opportunities. He said there were quite a few blacks working here when he was employed, but most were laborers.

"I believe I was making \$2.31 an hour back then," he said. "I don't know, but it seems like there are a lot of people now who don't want to work," said Thomp-

son. "You don't have to get the top job. It's better to take a step down than to stand around waiting for somebody to give you something."

In the spring of 1945, Thompson returned to the farm in Hazel Green where he was born.

"Oh yeah, they tried to get me to come back to work, but my father was in poor health, and I felt like I needed to look after him and the farm," he said.

Thompson and his wife, Thelma, were married in 1946, and their six children were born on the farm. Two of them, Cleadus and Richard Lee Thompson, work here.

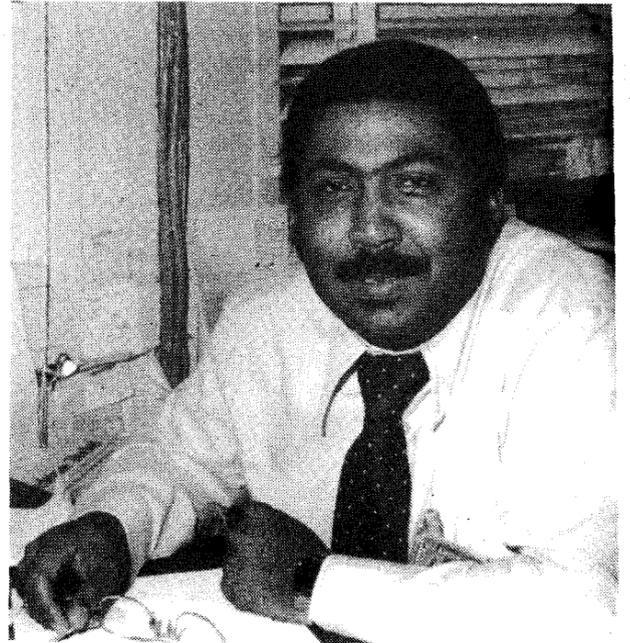
Cleadus, a budget analyst for the Program and Budget Division of the Comptroller's office, has worked here since 1974. He was graduated from Alabama A&M University in 1972, and spent two years in the AMC intern program in Washington, D.C.

"I came back to Huntsville because the cost of living was lower, and well, I wasn't married then, but my family was here," he said. He added that being away for two years made him realize the importance of his family.

"Things have worked out great for me here, as far as my job and the people I work with," he said. "I have a good relationship with my fellow employees and my supervisor."

Cleadus and his wife Dylene have two sons, aged six and four. "I think this would be a good place for them to work," he said. "Of course some of the benefits, like health insurance, have eroded. I'd like to see them restored."

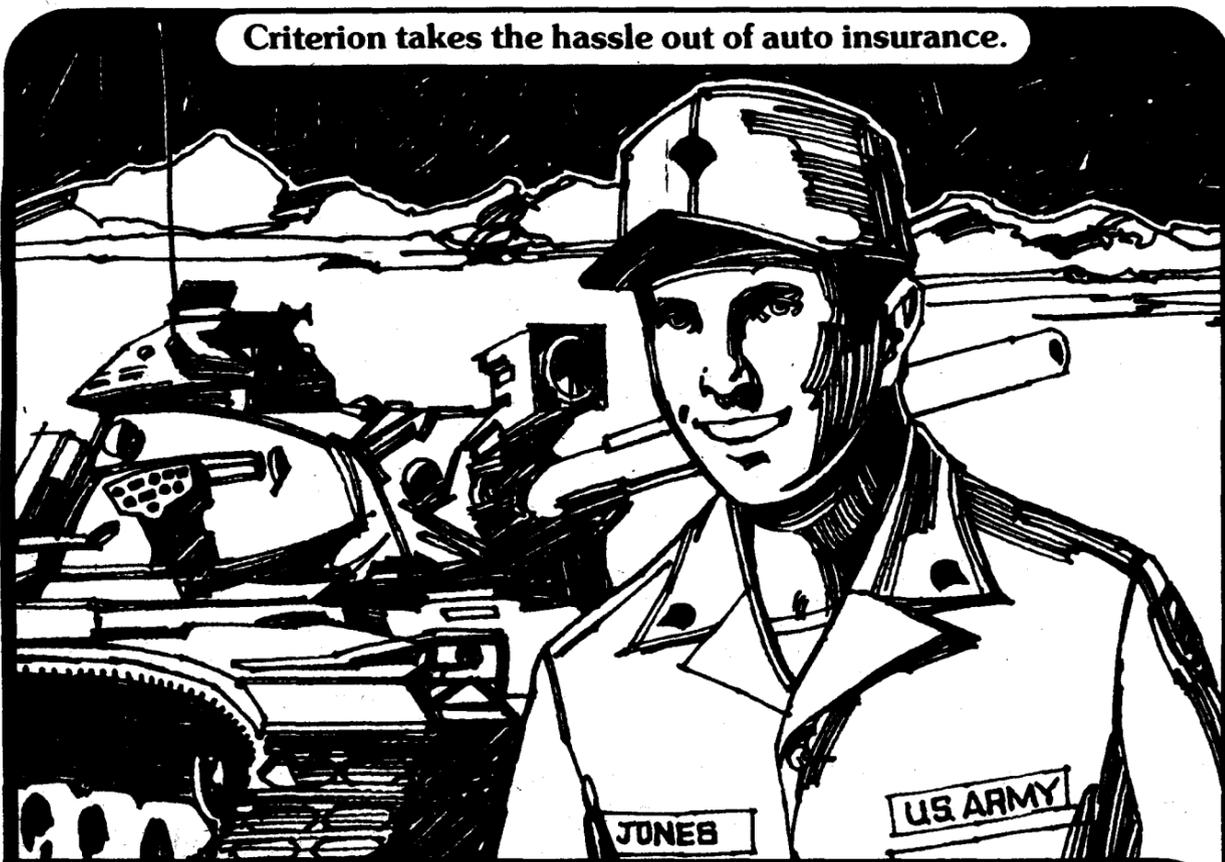
Richard Lee is working at a temporary appointment as an electronics technician at the Army Missile Laboratory. He is a 1984 graduate of Alabama A&M.



BUDGET ANALYST — Cleadus Thompson works here as a budget analyst in the Comptroller office.

He likes his job here, and thinks his father's generation helped create opportunities for blacks in the workforce.

"There have been changes in some areas," he said. "The opportunities could be better, but there are more blacks in engineering."



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TUESDAY MORNING — A distant farm tractor on this road skirting Madkin Mountain didn't appear to be having the traction problems motorists experienced Tuesday.

More snow

BY ED PETERS

The fluffy white blanket that covered the area Monday night and Tuesday morning made for spectacular snow scenery but dangerous driving.

For the third time in four weeks, the arsenal did not open on schedule but delayed the start of the work day until 10 a.m.

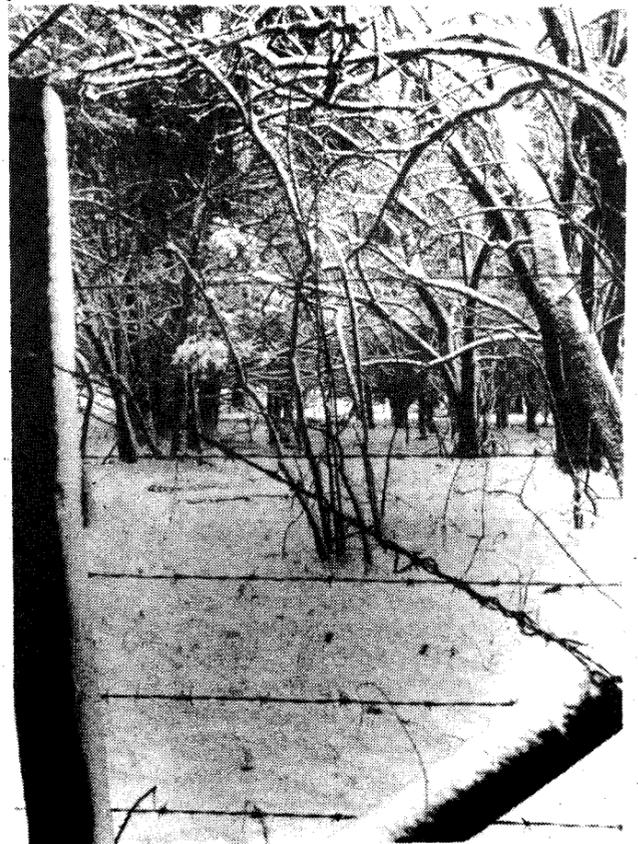
Snow removal crews, however, had worked all night and those few workers who arrived early on Tuesday found arsenal thoroughfares relatively clear as early as 6 a.m.

Tim Sumners, chief of the arsenal's Buildings and

Grounds Section, said snow removal foreman Bill Tunstill reported to work around 8:00 Monday night and called in his crew, several of whom live in rural areas outside the city.

As workers reported in, salt and sand trucks were dispatched to bridges and overpasses and snow plows were mobilized when snow began accumulating on roads.

The forecast at noon Tuesday said today would be clear and cold but more snow was a possibility Thursday morning.



WINTER SCENE — Fluffy snow on gnarled limbs painted a winter scene behind this barbed wire fence on Neal Road.



PLENTY OF PARKING — There was no competition for parking spaces in the parking lot behind building 5250 this snowy morning.

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Soldier misses family and weather back in Puerto Rico

BY SKIP VAUGHN

A soldier from Puerto Rico can appreciate his hometown's weather during a cold spell at Redstone Arsenal.

Sp4 Alejandro Gonzalez of 95th Maintenance Company, the post soldier of the month for January, also misses his family. He plans to return home someday, even if he decides to make the Army a career.

"I've got my family at home, see I can't go home on the weekends," Gonzalez says. "And the weather—it doesn't get cold in Puerto Rico. It stays summer all year-round, it stays hot."

Gonzalez is a materiel control and accounting specialist in the tech supply section of his unit. He processes requests mostly for calibration parts. "We have some other calibration teams in the whole nation. Sometimes if they need parts, they call me to see if I have parts for them," he says.

He finds his job easy but interesting. "I think it's one of the most important jobs in the company," Gonzalez says. "We give them support so we can keep them going."

The 20-year-old single soldier is from San German, a town in southwest Puerto Rico. He is the youngest

son and the next to the youngest in a family of five brothers and five sisters. His brothers and two of his sisters live in New York. His parents— Alejandro Gonzalez Sr. and Ana Maria Ayala (normally married women keep their maiden name in Puerto Rico)—still reside in San German where his father is a gardener.

Gonzalez joined the Army after he was graduated from high school in 1982. He enlisted "mostly to get a job and change my life, I guess," he says. "And travel."

He came to Redstone in March 1983 after advanced training at Fort Lee, Va., and basic training at Fort Knox, Ky. His hobbies include jogging, working out at the gym, watching television, listening to music and playing guitar. Gonzalez has been playing guitar for 12 years and is the guitar player for the Spanish-speaking group that meets Saturday nights at the Bicentennial Chapel. "It's real nice (being) with your kind of people," he says. "Most of them are from Puerto Rico."

Gonzalez plans to stay in the Army at least three more years and may take an accounting course.

"I guess I want to go back home later on. Even if I stay in the Army, then I'll go back home," he says.



STANDOUT SOLDIER — Sp4 Alejandro Gonzalez, post soldier for last month, works in supply for 95th Maintenance Company.

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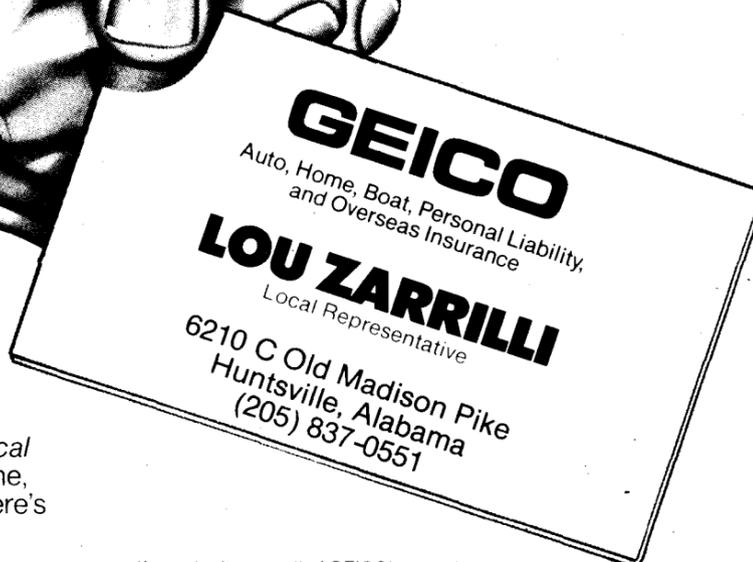
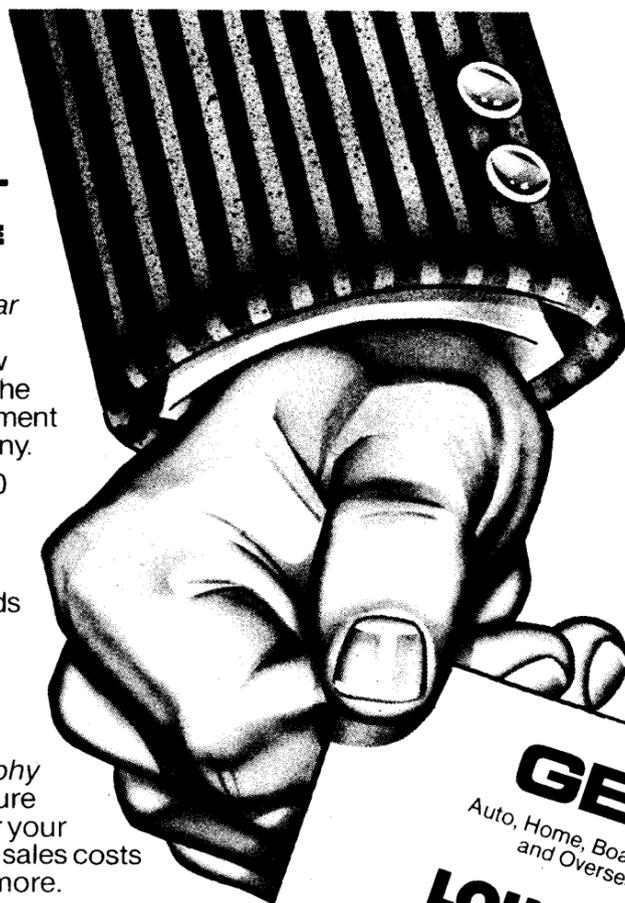
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Engineer draws five-year jail term for fraud

Former MICOM engineer Victor William Ruwe, convicted Dec. 6 on multiple counts of conspiring to defraud the government and obstruct justice, has been sentenced to five years in prison and fined \$20,000.

U.S. District Judge Truman M. Hobbs imposed the sentence Friday morning in Montgomery.

Ruwe has 10 days to appeal the sentence. Assistant U.S. Attorney Charlie Truncale, said Ruwe's jail term will begin March 25 unless he can convince the court that the conviction would be reversed on appeal.

"In my opinion the trial was fair, with no errors to warrant reversal," said Truncale, who prosecuted Ruwe in the December trial in Opelika, Ala.

It is not known where Ruwe, now a resident of New York, will be imprisoned.

A jury convicted Ruwe, 47, on 10 counts of criminal acts including receiving illegal gratuities, conspiracy to defraud the U.S. government and obstruction of justice. He was meted separate five-year sentences on five of the convictions but the judge allowed them to

run concurrently. He received fines of \$4,000 on the five convictions for a total of \$20,000.

Ruwe, who worked in the Army Missile Laboratory's manufacturing technology section, was convicted of awarding contracts to an Auburn, Ala. firm in exchange for gifts, including a scanner radio, luggage and \$4,000 in equipment for his personal airplane.

Officials of Microelectronics Inc. in Auburn testified their company was dependent upon Ruwe for contracts to stay in business and that he provided them with government contracts in exchange for gifts.

Witnesses testified that Ruwe told company officials to supply him with airplane parts and include them in bills to the Army for reimbursable materials. He also solicited a \$300 Bearcat scanner radio for use as a Christmas present for his wife.

In addition to unlawfully soliciting and accepting gifts, Ruwe was also convicted on a count of conspiring with company officials to obstruct justice by giving false testimony and with lying to a federal grand jury.

Company officials were given immunity from prosecution in exchange for their testimony against Ruwe. Those testifying included Charles Michael Riley and Sam Hartin.

Richard A. Kotler, 42, Army Missile Laboratory's former chief of manufacturing technology, was indicted with Ruwe last June. He agreed to testify against Ruwe and was given a \$4,000 fine and year's probation on a conflict of interest charge. He resigned his GM-14 position with the Army in July 1983.

Ruwe was a GS-14 electronics engineer with 17 years' government employment. He resigned from the Missile Command in October 1982 in the wake of an FBI investigation into his dealings with the contractor.

There will be no attempts to prosecute others, according to Truncale.

"Our investigation is complete. There are no further indictments," the prosecutor said.

He hopes Ruwe's conviction, \$20,000 fine and five-year jail sentence might help "keep people in government honest. Virtually all are, but we're going to weed out those who aren't. I hope it sends that message, that we will prosecute."

Judge Truman Hobbs who sentenced Ruwe is, interestingly, the son of the late Congressman Sam Hobbs who authored the Hobbs Act, the classic piece of legislation against corrupt public officials.

Crime prevention display set for PX

In observance of National Crime Prevention Week, the Investigations Division's crime prevention team will offer its services at a display in the post exchange mall today and tomorrow.

Bike registration, property identification, and fingerprinting of children for identification can be done during the two-day activity.

Charlie Thorpe, supervisor of the team, says all the services offered at the display are available from his office at any time. Those who are unable to come to the display, or who need more assistance, are encouraged to call the office at 876-1369.

"This is just a way to get information to the public, make people aware of crime prevention, and to centralize our services," he said.

Information on all types of crime and ways to prevent it will be distributed. Thorpe expects the most participation from military family members who live on post.

"When we have a display like this, we try to add to the nationwide campaign by centering things around problems on post," said Thorpe. He said a major problem now is the theft of small, unsecured items.

"A lot of larcenies are committed because the opportunity presents itself," said Thorpe. Most of them wouldn't be committed if force or violence had to be used."

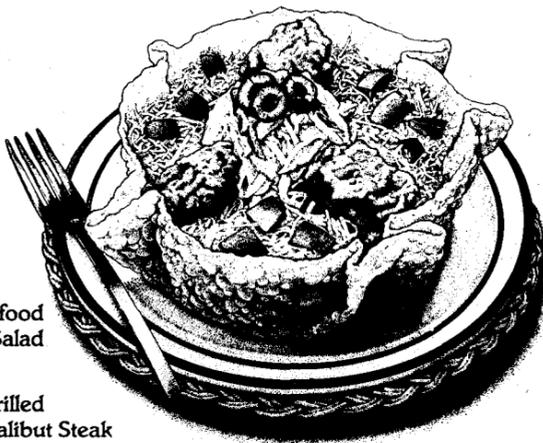
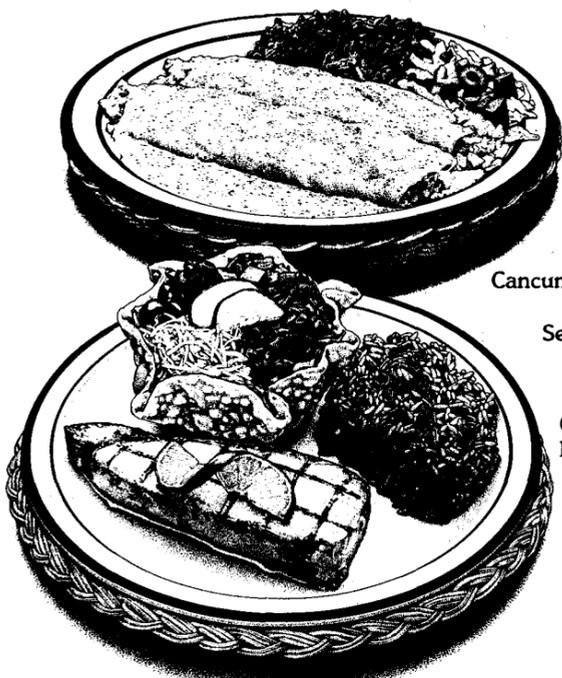


DISPLAY — Free literature will be available.

Thorpe believes the display will prevent crimes by teaching potential victims to protect themselves and their property.



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Program develops top-level civilian managers

People interested in applying for a program to develop top-level civilian managers might want to start their planning now.

"It is with pre-planning that we get the best applications," said James Foster, a civilian personnel branch chief who is Redstone's coordinator for the Logistics Acquisition Management Program.

The Army-wide program is not for everybody. It's for those in pay grades GS/GM-13 and above in one of six career programs and who have had at least one performance rating above fully successful. The goal is to develop managers in the logistic and acquisition areas.

Workers selected for the program are exposed to the broad spectrum of those areas so they can have a better chance for promotions and make better decisions as managers. Someone in engineering, for example, would learn about other facets of a missile system such as procurement and supply.

Eligible for the program are high-level civilian workers in one of six career programs: supply management, procurement, quality and reliability assurance, materiel maintenance management, engineering and scientist, and transportation.

"Basically the objective is to develop civilian managers with a broader multi-disciplinary understanding of the total logistic and acquisition process through a careful blending of assignments and formal schooling," Foster said.

How it works

The Department of Army first announces an intake period. Workers are nominated by their supervisors and activity career program managers. A seven-member board, headed by the civilian personnel officer, would review applications at its installation. The board then recommends what applications should be forwarded through the general on to DA.

At that level the applicants will be in competition with people from other Army agencies. "Based on how they stack up against the criteria and against each other, a certain number would be selected," Foster said.

"The selectees then will attend a one-week conference where they meet and discuss preparation plans

that are needed to refine or broaden their skills over a period of time to ensure that they are competitive for the top-level positions," he added.

Training plans are tailored to fit the individual. One person might need more formal training where another person needs to go on a developmental assignment for four months to a year. Time on the program is pre-set according to grade level but is also flexible. "If you're GS-13 they're looking at two to three years; GS-14, one to two years; and if you're GS-15 they're looking at anywhere from a year to a year and a half to prepare you," Foster said.

Developmental assignments

There are 186 people in the program Army-wide, including 13 from local commands. Twenty developmental assignments—spending time in another job—were made in January. It is expected that 85 more assignments will be made in the next three months.

Other people in the program are being considered for formal training such as the Industrial College of Armed Forces, a six to nine month course. Still others are involved in advanced degree work at universities, "so each individual has a tailored program which is geared to the overall program objective," Foster said.

And that goal is developing potential top-level civilian managers who understand the total picture of logistics and acquisition.

Background

"About four or five years ago, Department of Army recognized that the civilian managers were experts in a singular career program and they realized that the civilians needed to have the kind of broadness that the military counterpart was receiving or had at the top-level positions," Foster said. "This program is parallel to the military program called Materiel Acquisition Management. MAM is the process where the military, through careful guidance, receive training and assignments that provide them this multi-disciplinary base."

There were two announcement periods here last year for the logistics and acquisition management program. One was held in April and May and the other was held

in September. Twenty-six applications were submitted locally and 13 have been selected. This means there has been a 50 percent selection rate for the commands here.

Another opening period is expected for sometime after June, according to Foster.

Phases

The current phase of the program is, of course, training and developmental assignments. Other proposed phases include introducing supervisory and management training at lower grade levels, and offering an opportunity to be promoted without competition from other workers.

At present the program does not offer automatic promotions but a better chance for being promoted and a background for making better decisions as a top-level manager.

"What it offers to management is a continuous pool of highly competent employees to select from to fill the Army's top positions (GS-15 and Senior Executive Service)," Foster said. "And the final results of the whole program is that, based on the preparatory periods that are carefully planned and guided, it will allow the Army to do its work at those grade levels more effectively and efficiently as we continue carrying out the Army's mission in a complex society."

The 13 people here on the program include Gerald W. Hatley and James W. Graves, both of Procurement and Production; Margaret K. Smith and John Black, both of Missile Logistics Center; Martyn A. Martin of Integrated Logistics Support; Donna Brock of Battlefield Automation Management; David L. Stafford, Joe B. Collier and John W. Howerton, all of Patriot Project; Thomas McVey of Product Assurance; George Zigmont of Integrated Methods and Standards; Jay Snyder of BMD; and Richard Dudney of BMDATC.

People interested in applying for the program, known as LOGAMP, might want to start discussing it with their supervisor and their activity career program manager. For more information call Foster 876-5814.

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BUS 201 Accounting I	T-Th	1030-1250	5	3222
BUS 251 Economics I	T-Th	0800-1020	5	3222
ENG 101 English Comp I	M-W	1030-1250	5	3222
ENG 102 English Comp II	M-W	0800-1020	5	3222
Evening Classes	Day	Time	Credit	Bldg.#
BIO 101 Princ. of Biology	F	1630-2120	5	3324
BUS 151 Business Math	M-W	1900-2120	5	3650
BUS 201 Accounting I	T-Th	1900-2120	5	3650
BUS 202 Accounting II	T-Th	1630-1820	5	3650
BUS 203 Accounting III	T-Th	1630-1820	5	3650
BUS 215 Bus/Prof Writing	M-W	1630-1820	5	3650
BUS 251 Economics I	T-Th	1630-1820	5	3650
BUS 252 Economics II	T-Th	1900-2120	5	3650
CIS 105 Intro to CIS	T-Th	1630-1820	5	3650
CIS 205 Basic Programming	M-W	1630-1820	5	3650
EGR 201 Mat Sci/Structure	M-W	1900-2120	5	3650
ENG 099 Prep English	M-W	1630-1820	5	3650
ENG 101 English Comp I	M-W	1630-1820	5	3650
ENG 102 English Comp II	M-W	1900-2120	5	3650
HIS 101 Western Civ I	M-W	1900-2120	5	3650
MTH 096 Arithmetic	M-W	1630-1820	5	3650
MTH 097 Elem Algebra	M-W	1900-2120	5	3650
MTH 099 Inter Algebra	M-W	1900-2120	5	3650
MTH 101 Contemporary Math	M-W	1630-1820	5	3650
MTH 111 College Algebra	T-Th	1900-2120	5	3650
MTH 114 Calculus I	T-Th	1630-1820	5	3650
MTH 221 Stat Analysis	T-Th	1900-2120	5	3650
PHS 120 Environmental Science	T-Th	1900-2120	5	3650
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PSY 201 General Psychology	T-Th	1900-2120	5	3650
QTY 206 Quality Plan/A II	M-W	1630-1820	5	3650
SOC 221 Marriage/Family	T-Th	1630-1820	5	3650
SPH 110 Bus/Prof Speech	T-Th	1630-1820	5	3650
TRT 141 Traffic & Transp. Mgmt.	F	1630-1820	5	3650

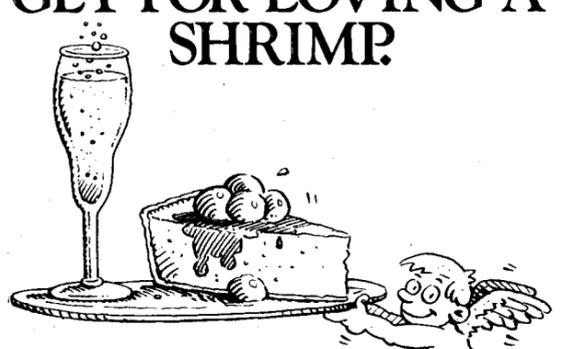
*MEETING DATES: March 18th or 19th; April 15th or 16th; May 6th or 7th

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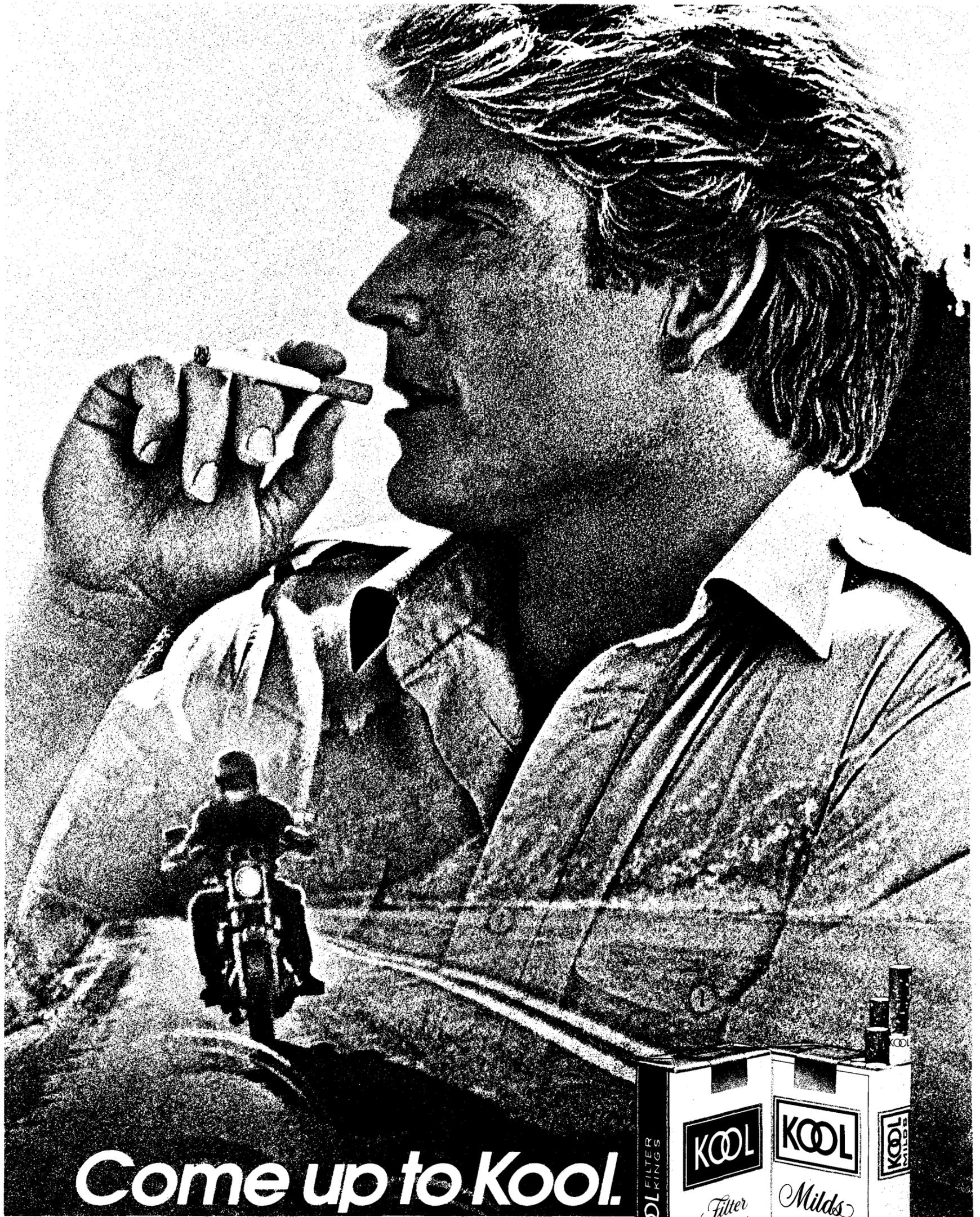
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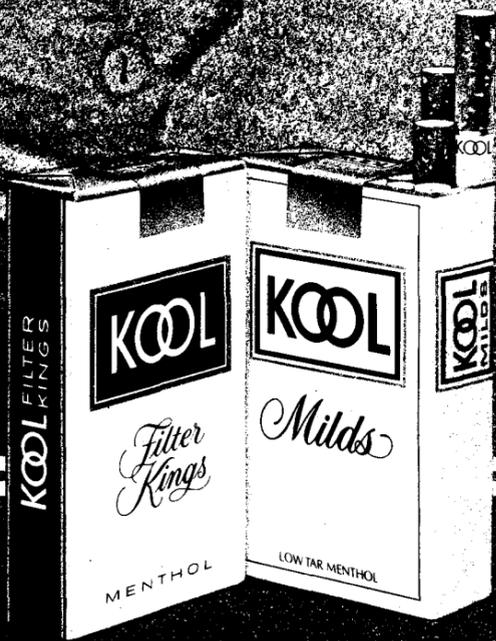
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av. per cigarette, FTC Report Mar. '84.

Icy roads kept police in ditches

Numerous workers socked in by an ice storm were forced to spend the Feb. 1-4 weekend on the job here but not many had to be on the roads like members of the police force.

"We only had five vehicles with chains and the rest of 'em had to pray to God," said John Vickers.

Vickers, a night shift supervisor, was one of a dozen civilian police officers who came to work that Friday and wound up working until Monday when impassable roads prevented others on the force from reporting to work.

Despite the ice and dangerous roads, the police had

to maintain some patrols and keep guards on 27 stationary posts during the cold weekend, Vickers said.

The five vehicles that had chains were used to pull out the ones that did not, according to Vickers, and electrical linemen in a lift-bucket truck pulled out two police cars stuck on Martin Road.

The police officers were given a place to sleep in a barracks. They were able to buy meals in a military dining hall Friday night but didn't have a place to eat during the rest of the time they were stranded here, Vickers said.

Veterans' job training deadline extended

The Veterans Administration has announced that the Emergency Veterans' Job Training Act has been extended and that eligible Korea and Vietnam era veterans have until Feb. 28 to make initial application for placement under the program.

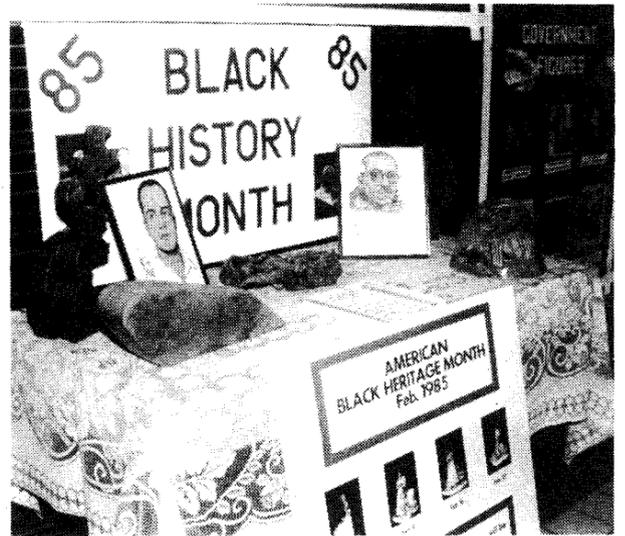
James W. Conway, director of the Montgomery VA Regional Office, said that employers now have until Sept. 1 to place veterans in on-the-job training positions under the program. He said applications for renewal of eligibility from veterans already certified to participate would be accepted beyond the Feb. 28 date.

Conway said the program provides a "unique incentive" to employers to hire and train unemployed

veterans. "It's particularly attractive to small businessmen," he said, "because it reimburses them immediately rather than through traditional end-of-year tax credits."

More than 20,000 veterans went to work in new jobs last year under the program; 673 were employed in Alabama. The VA pays their employers 50 percent of their starting hourly rate of pay for up to nine months (for up to 15 months for disabled veterans), to a maximum reimbursement of \$10,000 per veteran.

Korea and Vietnam era veterans and employees interested in participating should call 539-7742 in Huntsville.



BLACK HERITAGE — The post exchange is observing Black History Month with a display including artwork by students at Alabama A&M University, and biographies of black leaders in civil rights, government and the arts. The display was assembled by visual merchandiser Jerry Schlarb.



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New physical training program offers challenges

Soldiers might find that the physical training program is a little more challenging than it has been. It's not that they've gotten out of shape. The program has been changed to offer better training for the soldier.

"The program is to make PT more of a challenge for the soldiers, it is not as routine," said SFC Russell Moore, training NCO for A Company. "This program also geared to build up the soldiers' strength."

Moore was among seven sergeants here who attended a course at Fort Benjamin Harrison, Ind., then returned to initiate the new program at battalion level. Some of the changes are actually modifications in how some of the exercises are done.

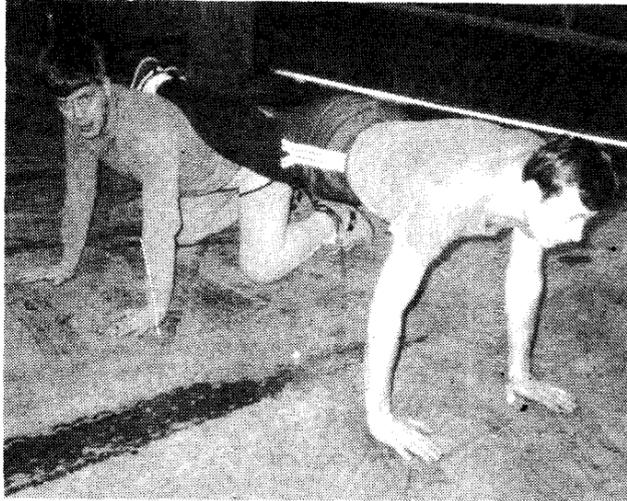
"A pushup might be done with someone putting assistance on the other person as they go down or up," Moore said. He added that running in formation will be different. "One of the games is called leap frog, that is when the instructor blows a whistle, the last person in the formation must run to the front. This is done the entire run," he said.

The desired result of the program will be improved scores on the Army Physical Readiness Test. "This new program is geared to improve APRT testing," Moore said.

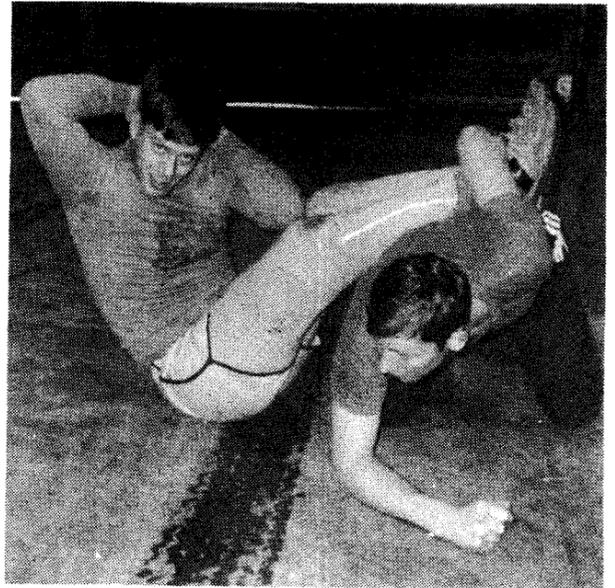
Sgt. James Stockford, a track vehicle mechanic, was picked from his section to learn the program at battalion level. "I think it (the program) is better than the

old one," he said. "The program can work if you use it. You concentrate on just what you are tested on."

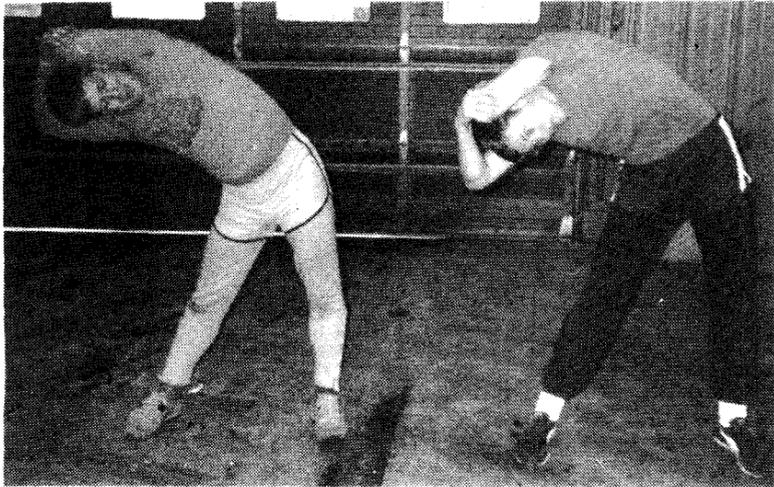
Sp4 Daniel Seiders, maintenance clerk, said "As long as everybody puts their hearts into it they could easily have 250 plus on their PT test."



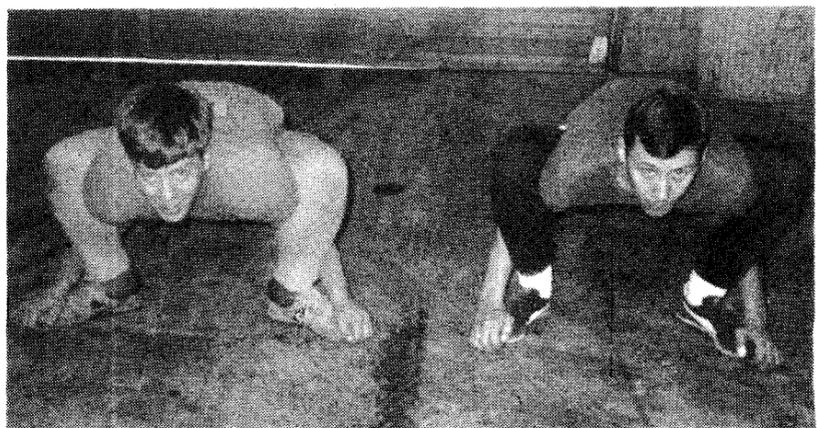
PUSHUP — Sgt. Dennis Hadley, a tank turret repairman, helps Sgt. James Stockford, track vehicle mechanic, with an elevated pushup.



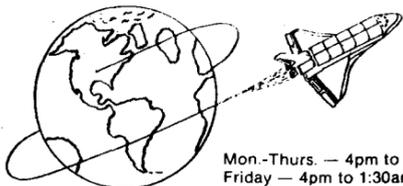
SITUP — Stockford helps Hadley with a modified situp.



SIDEBEND — Hadley and Stockford demonstrate the sidebend stretch.



STRETCH — Hadley and Stockford demonstrate the inside out stretch.



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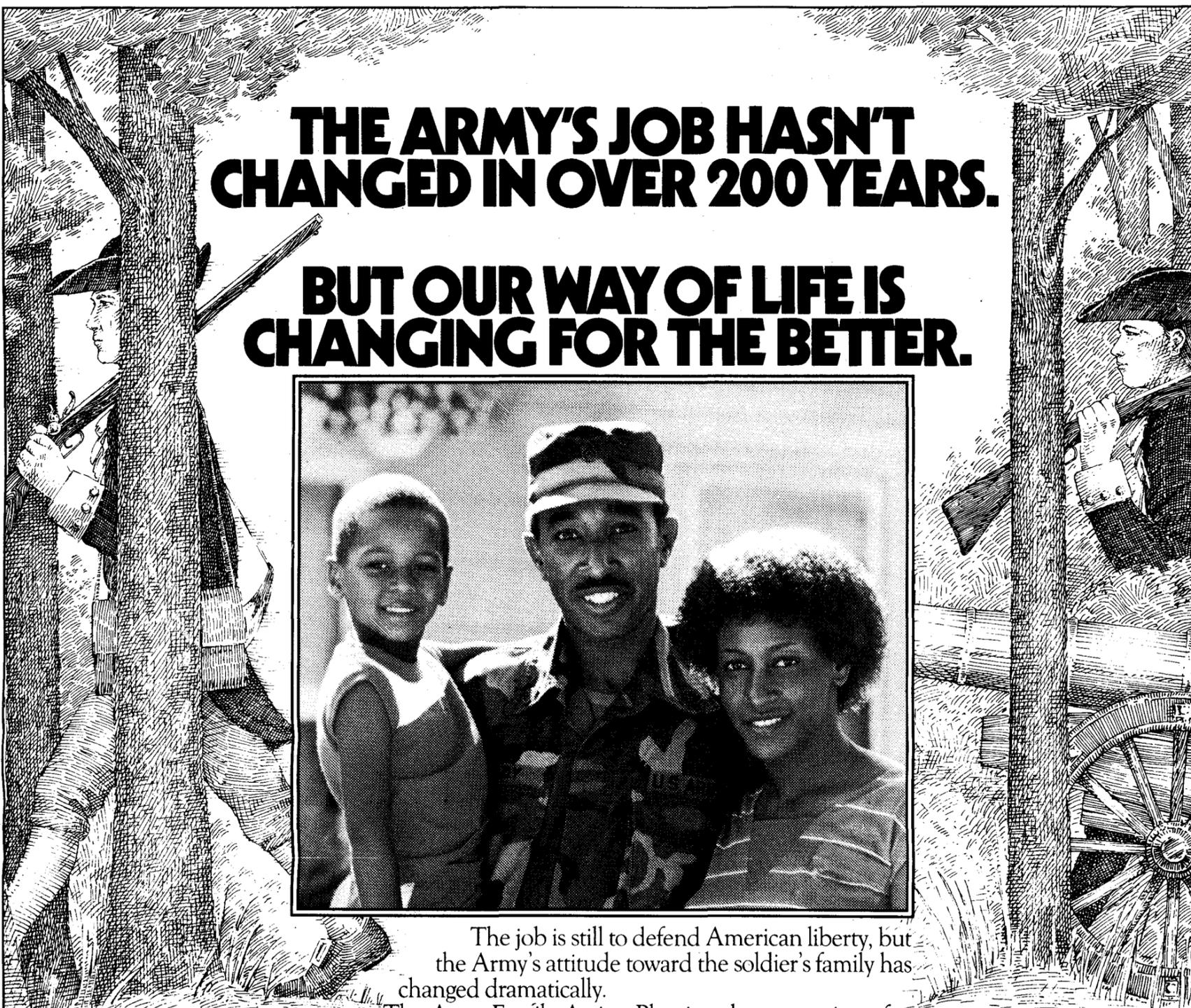
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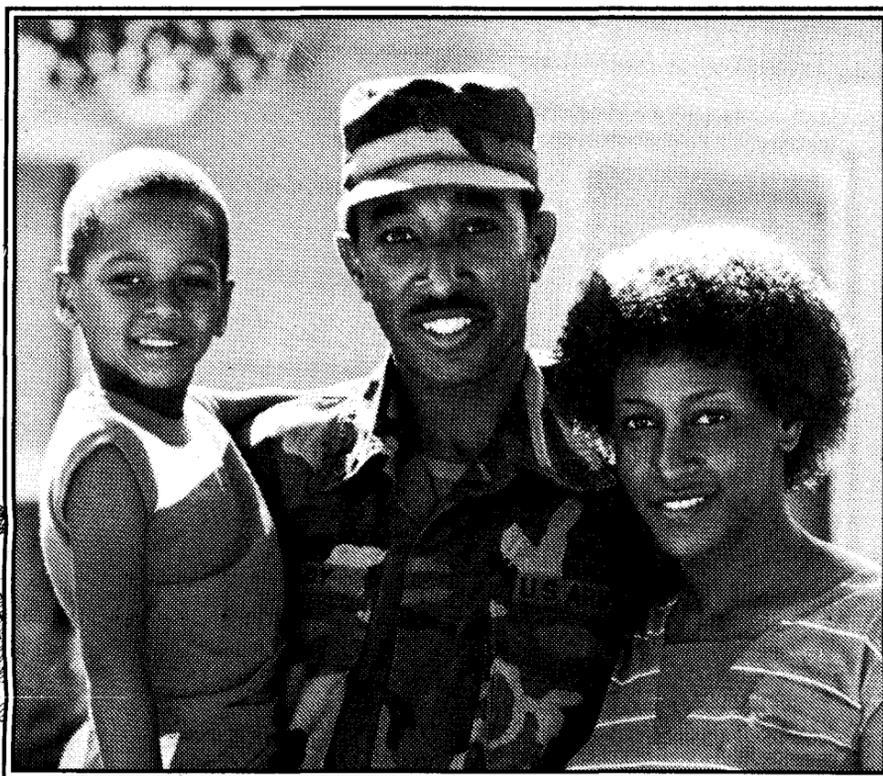
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Rockets, P&P-2 top seeds in league tourney

The AML Rockets and P&P-2 are the top seeds in a civilian basketball league tournament set to begin Tuesday, Feb. 19.

They won't be in action until the second round starts the following evening. That's when Missile Systems, the third place team, PAO, the fourth place finisher, and Green Machine, the fifth place team, also have games scheduled.

First round games on Tuesday include Pershing versus F&A, Security against Computer Bits, and MIA facing COE.

In the second round the Rockets play the Pershing-F&A winner; Missile Systems plays the Security-Computer Bits winner; P&P-2 faces the MIA-COE winner; and PAO takes on Green Machine.

Semifinal games are scheduled for Thursday, Feb. 21, and the championship and consolation games are set for Feb. 26.

In final regular season games last week, F&A beat Security 65-53, Green Machine whipped MIA 71-58, and Missile Systems outshot COE 87-44. Missile Systems also won by forfeit over Computer Bits.

Robert McDonald scored 13 to lead F&A over Security. He was followed by James (Mooney) Battle with 12, Dewayne Kelley 11, and Cedric Wherry 10. Security was led by Leon (Truck) Williams who scored 18 points with 15 rebounds and two blocked shots. Bobby Moore chipped in with 14 and Abdullah Muhammad 10.

Buphus Nall led Green Machine over MIA by scoring 18 points. Joe Easton hit 15, Harrison King 13 and Trevor Washington 10. For MIA Ken McCormick had 18, James Feagan 10, and Jeff Claxton 10.

Missile Systems got 22 points from Leonard Luqman in the win over COE. Risalah Muhammad con-

tributed 16 with nine rebounds, Autro Whitman 14, Kenny Gurley 14, and Glenn Gurley 12. COE was led by Dan Smith with 14 and Bobby Grissett 12.

CWF standings

Teams	W	L
AML Rockets	9	1
P&P 2	8	2
Missile Systems	7	3
PAO	7	3
Green Machine	6	4
MIA	6	4
F&A	5	5
Security	4	6
Pershing	2	7
Computer Bits	2	8
COE	0	10

Players	Team	Avg.
Craig Crossfield	PAO	29.0
Willie Epps	P&P 2	27.1
Larry Cable	Missile Systems	22.9
Dante Emanuel	P&P 2	22.9
Scott Little	Computer Bits	22.3
Leon Williams	Security	21.2
Mike Christian	AML	20.0
James Simmons	PAO	19.9
Kenneth McCormick	MIA	19.5
Abdullah Muhammad	Security	19.2
Cedric Wherry	F&A	19.1
Buphus Nall	Green Machine	19.0
Autro Whitman	Missile Systems	17.0
Glenn Gurley	Missile Systems	14.9
Bobby Ford	AML	14.1

Bowling standings

Team	W	L
C Company 1	315.5	109.5
HHD, USATSG	307	118
HHC	304.5	120.5
A Company	267	158
Marines 1	248	177
515th 1	213.5	211.5
B Company 2	193.5	231.5
B Company 3	187	238
6th Students 1	172.5	252.5
7th Students 1	146.5	278.5
7th Students 2	103.5	321.5
*515th 2	78.5	346.5
* dropped out		
200 Games Bowled:		
D. Stephenson	235	
Thursday's Conference		
M. Mathias	216	
R. Barney	204	
T. Stroud	202	
M. Cox	200	
M. Doolan	200	
Thursday's Conference		
Team	W	L
B Company 1	315	110
Meddacc 1	309	116
B Company 4	302	123
7th Students 3	265	160
Marines 2	261	164
95th	218.5	206.5
Meddacc 2	192.5	232.5
C Company 2	169.5	255.5
291st MPs	145	280
Meddacc 3	118.5	306.5
7th Students 4	117.5	307.5
6th Students 2	110.5	314.5
200 Games Bowled:		
A. Livengood	213	
J. Stracke	210	
K. Warters	210	
J. Metzger	208	
D. White	203	
W. Hubbard	202	
W. Lawson	202	

Troop basketball

Here are the company level basketball standings as of Feb. 7:

Eastern Conference	W	L
A Company	9	1
Meddacc	7	2
5th Students	6	3
95th	6	4
Marines	4	5
291st MPs	3	7
B Company 2	1	7
7th Students	0	9
Western Conference	W	L
515th Ord	9	1
B Company 1	6	3
HHC	6	4
4th Students	4	5
6th Students	3	5
C Company	1	9

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Officers observe dining tradition

Redstone Arsenal military officers will take part in a tradition of longstanding Feb. 28 when they hold a dining-in observance at the Officers Club.

Maj. Gen. Jerry Max Bunyard will be the host and a guest speaker is being sought for the very formal, traditional event which will begin that Thursday evening at 6:30.

A book written at Fort Leavenworth that traces the evolution of the dining-in observance says that it goes back many years to European armies. In the United States formal military dining was practiced "among the more social regular and militia units" in the northeast but was not stylish at posts on the western frontier.

But during the 20th century the dining-in custom took hold as the U.S. Army began to establish rigid rules for formal dining with attention given to proper dress, etiquette and other social customs. Then after World War I dining-in declined in popularity but some units kept it alive using Col. John A. Moss' 1917 "Officer's Manual" as a guide to formal dining procedures.

Dining-ins of today are used to welcome new arrivals and say farewell to departing personnel, to

recognize the achievements of an individual or unit, to build and maintain officer esprit de corps or to hear a guest speaker.

They were generally stag affairs until recent times when female officers began being admitted. Sometimes spouses are invited, at which time the affair is called a dining-out.

The Fort Leavenworth book says officers should attend out of "a sincere desire...for camaraderie and perpetuation of a tradition, not the coercion of a 'command performance'"; but when invited, "each officer of the command should consider his attendance as obligatory."

Dining-in, the book concludes, "was never a consistent part of the social life of the American Army officer; at best, it was an intermittent affair. This important tradition, however, was kept alive in the Army by a few dedicated and foresighted commanders who understood its value in building esprit de corps among the officers. Although the United States Army was influenced by the British, many of the customs and traditions of its Dining-ins are uniquely American."

For more information on dining-in call Capt. Eric Wong 895-3900.

Pony club gets honors

Members of the Huntsville Pony Club received honors in a regional rally held recently in Mobile.

Madeline Poteat, publicity chairman, said children from Redstone's military families account for almost all the club's membership, even though it is restricted to military family members. The club's mission is to teach its members horse care, and to develop riding skills. It is not necessary to own a horse to become a member.

The competitors, who ranged in age from 9 to 14, participated in the South Regional Know-Down.

"It was like a spelling bee, but they were asked questions about horses," said Poteat.

In team competition, Tammy Cole, Dana Duke and Lexi Poteat tied with another group for top honor. The team of Debbie Edwards, Karen Luck, Scot Schofield and Carol Hunter were ranked fifth. Be Reese won fourth place for individual competition.

For more information about the club, call either its district commissioners: Cathy Edwards 883-6058 Pam Schofield 837-8399.

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Announcements

Winter musicale

A "Winter Musicale" has been rescheduled for 8 p.m. Saturday, Feb. 23, in Ridley Hall at the Episcopal Church of the Nativity. The church is located at 208 Eustis Ave. in downtown Huntsville. Featured performer will be Marcia Ott, violinist. She will be assisted by Hope Duve, piano; Joyce Green, violin; and Connie Sharp, soprano. The program is to consist of music by Handel, Beethoven, Chopin and Moskowski. There is no admission charge. For more information call 533-2455.

Officer orientation

A mandatory orientation for all newly assigned officers will be held from 8 a.m. to noon Feb. 28 in room A-241, building 5250. All warrant officers and commissioned officers (O-4 through O-5) newly assigned to MICOM who have not attended a previous orientation are required to attend.

Government accountants

The North Alabama Chapter of the Association of Government accountants will meet on Thursday, Feb. 21, at Michael's restaurant, Ramada Inn. Social hour will be at 5:30 p.m., with dinner and the program to follow. Glenn Bracken, news director for VHNT-TV Action News 19, will be the guest speaker. He will speak on his broadcasting experiences. For reservations call Sharal Huegele 876-8147 or Theresa Scholz 895-3192.

Engineers Week

A computer fair, banquet, and road race are scheduled for National Engineers Week, Feb. 17-23. The banquet will be held in the West Exhibit Hall of the Von Braun Civic Center on Friday evening, Feb. 22. Social hour will be at 6:30 p.m. with dinner at 7:30. The guest speaker is Henry W. Hartsfield, NASA Space Shuttle astronaut and retired Air Force colonel. Tickets cost \$12 per person. For more information call Frank Tatom 533-9391. Other scheduled events include a computer fair Feb. 22-23, call Terry Mizell 532-2036; MATHCOUNTS at 8 a.m. Feb. 23, call Grover Dausman 533-4613; and an engineers run at 9 a.m. Feb. 23, call John McHaffie 882-7231.

Personnel group

The International Personnel Management Association will meet on Feb. 19 at the Officers Club. A social is set for 5:30 p.m. with the meal and program to follow at 6:00. The featured speaker is Mike Gillespie, chairman of the Madison County Commission. For reservations call Mike Fowler 876-5191 or Carol Sams 876-8670.

Black history month

A fashion show sponsored by the PX, a disco and soul food dinner are set for Saturday, Feb. 16, at the NCO Club. The all-season fashion show is scheduled to start at 7 p.m. Dinner is set for 6-10. A disco, featuring club deejay Ricky (L.A. Rick) Patton, will be held from about 8:30 until 3 a.m. Cost for the dinner is \$3.95 per person. For reservations call 837-0750. A gospel singing Feb. 23 and a variety show Feb. 25 are among the other activities planned for Black History Month.

Winter concert

The Huntsville Youth Orchestra will give a winter concert at 3 p.m. Sunday, Feb. 17, at the Von Braun Civic Center concert hall. This will be in celebration of the 300th birthday of Johann Sebastian Bach. For more information call Mrs. D.J. Kieselbach 536-4814.

Mass in German

A Mass in German will be held at 6:30 p.m. Feb. 16 at the Post Chapel. A social hour with refreshments will follow the service that is open to the public.

Sci-fi group

The North Alabama Science Fiction Association will meet at 7 p.m. Feb. 16 at First American Federal Savings and Loan, 4008 University Drive NW. For more information call Jack Lundy 876-9415.

Artificial intelligence seminar

A three-day seminar sponsored by the Army Research Office will be conducted here by the University of Texas starting at 9 a.m. Feb. 25 and concluding at 3 p.m. Feb. 27. This will be an "Artificial Intelligence Seminar on Knowledge Representation, Problem Solving Search and Expert Systems." There is no fee for the seminar to be held in the Rocket Auditorium but those planning to attend should call Shirley Reed or Dr. Willard Holmes 876-4853/1048.

Potluck dinner

The monthly Protestant potluck dinner is set for 6 p.m. Feb. 17 at the Bicentennial Chapel. All are invited to bring a dish to pass and share the fellowship.

Severe weather week

Gov. George Wallace has proclaimed Feb. 10-15 as Severe Weather Preparedness Week in Alabama and Mayor Joe Davis and County Commission Chairman Mike Gillespie have proclaimed a local observance in Huntsville and Madison County. Both state and local proclamations encourage increased public awareness of the dangers of severe weather and of protective actions that can be taken to reduce injuries and save lives.

Black musical drama

The Huntsville Alumni Chapter of Kappa Alpha Psi Fraternity is sponsoring a play at the Von Braun Civic Center for Black History Month. "Radio Man," a musical drama about deejays in the 1950s and '60s, is scheduled for 7:30 p.m. Feb. 21 at the VBCC concert hall. The performers will be from AFRI Productions in New York. Tickets cost \$4 for students and \$8 for adults. For more information call Dr. Ted Dixie 876-8769.

Production and inventory society

The Tennessee Valley Chapter of the American Production and Inventory Control Society will have a dinner meeting Feb. 19 at the Sheraton in Huntsville. Social hour begins at 6 p.m. Pat Barry, a production control supervisor, will speak on "Zero Inventory." For reservations call Darlene Gilbert 859-3660.

Jazz concert

Ronnie Laws, a saxophonist and former member of Earth, Wind and Fire, will give a jazz concert at 7:30 p.m. Feb. 19 at the Von Braun Civic Center concert hall. Tickets are \$8.50 per person. For more information call Bruce Bennett 852-3503.

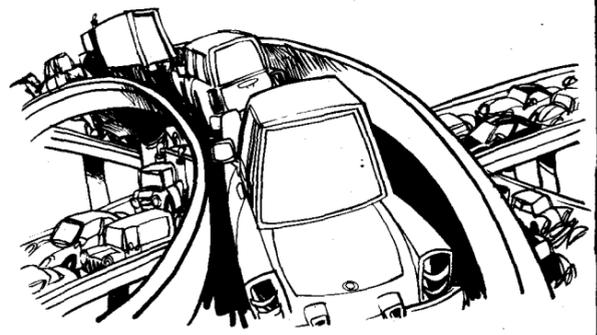
Algebra curriculum

The Learning Resource Center is offering an Algebra curriculum. This consists of 75 hours of instruction, practice, workbook exercises, and testing on topics in a normal one-year Algebra course. To enroll submit a DD form 1556 to the Civilian Personnel Office, ATTN: AMSMI-JT/LRC, Learning Resource Center, building 7446. For more information call 876-1061/1416.

Friends of opera

The Friends of the Huntsville Opera Theater will have its first meeting Feb. 19 from 11:30 a.m. to 1:30 p.m. at 1109 Woodmont Ave. All interested persons are invited to attend and are asked to respond by Feb. 15 by calling 534-4702, 883-5299 or 881-4796.

Carpool Hotline



Call 876-1500 to place your free carpool ad.

Decatur

Carpool member wanted from Decatur to 4488 or 5687, hours 7-3:30. Tom Harkins 876-7401.

Huntland

Carpool wanted from Huntland, Tenn., to anywhere on arsenal, hours 7-3:30. Bobby Tucker 876-4118.

West Point founders day

The 183rd anniversary of the United States Military Academy will be celebrated at the Redstone Officers Club Sunday, March 3 at 5:30 p.m. Graduates and their parents, and former cadets of all U.S. and foreign military, air force and naval academies may attend. Spouses are welcome. For more information call Louis G. Hergent, a retired colonel, at 882-3031 or 533-5900, or Lt. Col. David Linder at 895-4402.

AUSA luncheon

Sen. Ted Stevens (R-Alaska) will be the guest speaker at the AUSA luncheon Thursday, Feb. 14 at the Carriage Inn in Huntsville. Sen. Jeremiah Denton will introduce Stevens at the function, which is supported by various chambers of commerce. Social time begins at 11:30, and lunch will be served at noon. Tickets are \$12 per person. Chapter and chamber members are encouraged to make reservations by calling Ms. Charley Ann McMinn at 837-7610, ext. 124.



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

- Type or legibly print a brief description of what you want to sell on an 8½ x 11 inch piece of paper (no 3 by 5 cards or torn paper accepted). You must list a price, your home phone number, your home address and your duty status (active or civil service).

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

The Redstone Rocket will not accept ads

concerning real estate, mobile homes, or apartments for rent, or businesses.

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

If you submit more than one classified at a time, place each one on a separate piece of paper, unless they fall in the same sales category, (miscellaneous, vehicles, etc.).

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

The Redstone Rocket will not accept free classified ads by telephone.

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

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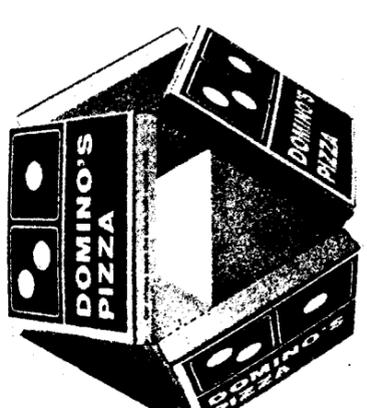
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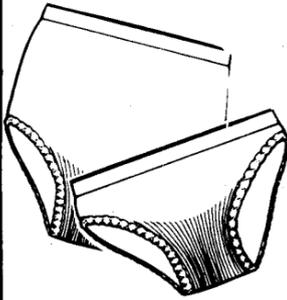
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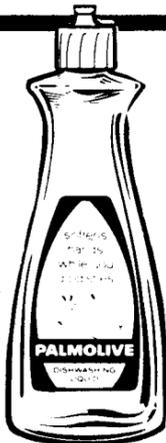
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