

RIF Letters Out on Friday

The two major Army missile management organizations here will notify 2,323 civilian workers Friday that they will be moved to other jobs effective September 29.

Among those being moved are 452 being shifted to lower paying jobs than they now hold. Under Civil Service rules, 352 of those going to lower paying jobs will continue to draw the pay they get now for two more years.

The shifts in the U. S. Army Missile Research and Development Command and the U. S. Army Missile Materiel Readiness Command resulted from realignments to

comply with orders to both commands months ago to cut the number of their workers and their pay.

At first it appeared some civilian workers might be laid off, but the U. S. Army Materiel Development and Readiness Command early this month told both its local commands that there could not be involuntary separations.

An involuntary separation happens in a federal reduction in force if an individual is laid off without first being given the offer of another job elsewhere in the organization. All involved in the moves will be offered jobs, but some will be at less pay.

The local commands have been ordered to cut the average grade of their civilian white collar jobs by the end of September and also eliminate 104 high paid jobs (\$25,000 a year and up). The grade of a federal white collar job determines the pay.

The job changes by command:

Missile R&D Command: 489 of which 157 are a change to lower grade.

Missile Readiness Command 1202 total of which 222 involve change to lower grade.

Redstone Arsenal Support Activity (an element of the Missile Readiness Command): 632 total of which 73 involve change to lower grade.

The Rocket

VOL XXV; NO. 10
JULY 27, 1977

More RIF Items on

Pages 2, 3 and 4

DDT Residue

Back With Us?

Studies are underway to determine if DDT residues in soil at a former industrial site on the arsenal are a hazard to the environment.

Some evidence of DDT migration was turned up in routine water quality tests conducted recently.

No significant levels of DDT were evident in drinking water in preliminary tests made on post. There is a concern, however, that DDT on the site may be carried off by drainage water and have adverse effect on fish and wildlife. A portion of the Wheeler National Wildlife Refuge on the arsenal comes within a few hundred yards of the site.

The DDT deposits are in soil at the site of a former DDT manufacturing plant in the center of the 38,000 acre federal reservation. The plant was leased from the Army by private firms manufacturing the insecticide for commercial use.

Banned as an insecticide within the United States several years ago, the persistent chemical was widely used for many years in the Tennessee Valley and elsewhere. It persists to this day in areas where it was used heavily to protect crops from insects.

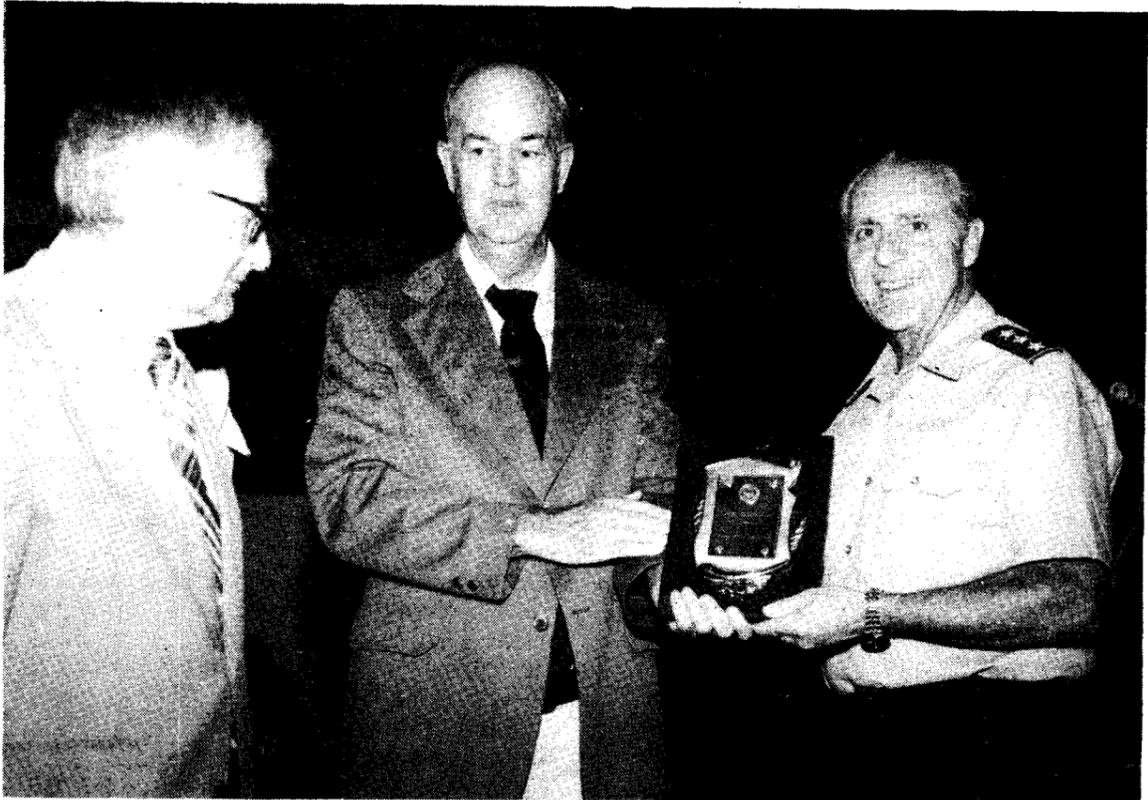
DDT manufacturing stopped on the arsenal in 1970 when the Army terminated the plant lease due to inability of the operators to meet environmental standards.

The plant was then torn down and extensive work was done on the site to contain the DDT residue. Work on the site at the time was under the guidance and supervision of the Federal Water Pollution Control Administration, a forerunner of the Environmental Protection Agency.

A recent series of tests, performed by water quality experts of the Army's En-

See DDT, page 8

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LAB HONORED — LTG George Sammet presents the Army Award for Excellence for MIRADCOM's missile

Laboratory to Dr. John L. McDaniel, as Dr. Julian Kobler, Technology Laboratory Director, looks on.

Award of Excellence

MIRADCOM's missile laboratories have received the Army Award for Excellence in recognition of their management, program execution and resources.

The award was presented Friday by LTG George Sammet Jr., DARCOM Deputy Commanding General for Materiel Development.

LTG Sammet, who is retiring soon, spoke glowingly of a long association with the laboratories, while MIRADCOM officials praised the general for strong support over the years.

"It is a tribute to you, the members, that you're getting the award and that General Sammet has come here to present it", MG Charles F. Means, MIRADCOM Commanding General, told R&D personnel at

the ceremony.

Dr. John L. McDaniel, MIRADCOM Deputy and Technical Director, said LTG Sammet "has done more for the laboratories than any other single person."

In brief remarks LTG Sammet thanked laboratory personnel for "all the help you've given me personally in 18 years of research and development," noting especially his work with the Redstone team in making the Advanced Simulation Center a reality.

"You've got a reputation of being the best laboratory in the U.S. Armed Forces, but it goes far beyond that." In the defense community throughout the free world, the general said, "This is considered THE laboratory in the United States."

COUNTDOWN



New Ceilings on Manning, Average Grade and High Grade Positions:

September 30, 1977

Situation on July 25

Proceeding as planned . . . The letters are coming Friday on schedule . . . See stories elsewhere in this issue for details . . . The letters will be delivered to supervisors for further personal delivery to individuals.

QUESTIONS? Call 876-4161.

Think Metric

At least five people at Redstone can be \$25 richer if they submit winning designs for posters promoting use of the metric system on the Arsenal. Proposed draft designs should be submitted by August 15 to DR-SMI-PCRI attached to a completed suggestion form, DA 1045.

Directions for submitting posters for consideration say they may be in draft form if sufficiently legible to convey the meaning.

According to Department of Defense policy, new design and development projects anticipated to result in procurement of materiel for the Army will utilize the international metric system for measurement consistent with operational, economical, technical and safety considerations. Also, technical reports, studies and position papers will include metric units of measurement in addition to, or in lieu of U.S. customary units.

Originators of the poster contest hope to call attention to the fact that the metric system is coming as a way of life, and that people should start preparing for the conversion.

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ED TURNLEY, MANAGER

RR-EEO

More Than Training

To the Editor:

As the Race Relations-Equal Opportunity Staff Officer for the U. S. Army Missile and Munitions Center and School, I feel I must make a few comments on the "Troop Talk" section of the July 20 issue of the Rocket.

First of all, the question posed to the service members was incorrect. There is no RR-EEO Program in the Army. The Race Relations-Equal Opportunity is an Army program, with a two-fold purpose: 1. creation of an atmosphere of racial harmony, and 2. to identify and correct existing discrepancies and inequities for all Army personnel and their dependents, based on affirmative actions which go beyond non-discrimination to planned and positive steps. The Equal Employment Opportunity Program is the civilian workforce's comparable program that deals with identifying and correcting inequities within the civilian employment environment of the Department of the Army. The title used in "Troop Talk" actually implied a combination of the military and civilian program; it should have read, "How important is the RR-EO Program?"

Secondly, I noted comments from two students of MMCS as to the non-existence of an RR-EO Program for AIT students. At the present time, the Training and Doctrine Command (TRADOC) is implementing a program to institutionalize RR-EO training at the Basic Combat Training, Non-commissioned Officer Basic and Advance Courses, Sergeants-Major Academy, Officer Basic and Advanced Courses, and the Command and General Staff College. At present there is no plan for placing RR-EO Training in the Advanced Individual Training curriculum; therefore, there is no formal training program for AIT students.

However, the RR-EO Program consists of more than simply the training, or "Awareness" portion. Within the Operations area, any service member can address complaints of discrimination based on race, color, religion, national origin, or sex. These complaints may be addressed directly to the RR-EO Office, or preferably through the service member's First Sergeant or company commander. AR's 600-21, 600-22, 600-42, and 600-18 are the governing regulations of the RR-EO Program. Also within the Operations area, statistical data is maintained on various personnel and UCMJ areas and furnished to the Chain of Command for information.

Any questions on the RR-EO Program from MMCS personnel can be addressed by referring them to the unit First Sergeant or company commander, or to the USAMMCS RR-EO Office, Bldg. 3440, phone 876-3736.

H. Bryan Dodson
1LT AGC, USAMMCS
RR-EO Staff Officer.

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Why isn't someone trying to get an okay for an early out in this RIF?



Sometime ago when it appeared that the RIF would cause numerous involuntary separations, the commanders of both MIRCOCOM and MIRADCOM did ask for an early out. DARCOM did not send the request to DA and the Civil Service Commission.

Normally, early out is only granted when there are to be numerous layoffs in a RIF, something on the order of five to ten percent involuntary separations. Because of recent direction from DARCOM to both local commands, there will not be any involuntary separations in this RIF. Everyone will get an offer of continued employment. If individuals choose to refuse that offer they will be separated, but it will be at their choice, not the Army's.

Without involuntary separations, the conditions for an early out do not exist.

Inspection Awards

Two soldiers of Company A, Missile and Munitions Center and School found out recently that all the hassles of getting ready for inspection really pay off.

Spec. 4 Mary Rivard and Private Debbie Parr were awarded three-day passes, Letters of Commendation, and 90 days exclusion from duty for having the sharpest room during a recent quarterly inspection by First Battalion Commander Lt. Col. Leonard Lai.

According to First Battalion Command Sergeant Major Clarence Bray, "It was difficult to make the decision. There were many commendable areas, however, this room was above average."

The Rocket

The Rocket is published weekly, on Wednesday. The publisher will receive editorial content for publication in the Rocket through the Information Office, Army Missile Command, Redstone Arsenal, Ala., 35809, Bldg. 5250, Room A-134. Extension 876-1400 or 876-1500.

All advertising copy and payments therefore are received by Mrs. Vergie Robinson P. O. Box 5351, Huntsville, Ala., 35805, telephone 533-2703, as representative of the publisher. The advertising office of The Rocket is located at 410 Jordan Lane. Advertising deadline—both display and wanted—is 10 a.m. Monday before publication.

The Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates off post for The Rocket are \$9.54 a year, or \$6.36 for six months, tax included. Mailing arrangements may be made with the publisher, P. O. Box 930, Hartselle, Ala. 35640.

Everything advertised in this publication must be made available for purchase, use, or patronage without regard to the race, creed, color, sex or national origin of the purchaser, user, or patron. A confirmed violation or rejection of this policy of equal opportunity by an advertiser will result in the refusal to print advertising from that source.

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Accept or Reject — It's Your Decision

Friday, your supervisor may hand you a package from the Civilian Personnel Division. It will contain a number of items including a letter offering you a different job at the same grade, or a job at a lower grade.

One of the most important items is a form for you to complete either accepting or rejecting the job offer. Your reply must reach the Civilian Personnel Division within 15 calendar days after the notice is received.

If you accept the offer, there is a chance you may get a better offer before Sept. 29 due to resignations, retirements, transfers and deaths. The same is true if you reject the offer, but if you do reject the offer and no better one can be made, you will be separated on September 29. In other words, you will go out the gate.

In your letter will be the name and phone number of a specialist in the Civilian Personnel Division who may be called for counseling...

Other items in the package include:

—A pamphlet describing how RIF determinations are made.

—A thick pamphlet entitled "DOD Programs for Stability of Civilian Employment." This tells of the various programs in which persons may register for continued employment in federal agencies, has full instructions about retained pay, severance pay, health and life insurance, retirement, unemployment compensation,

and gives the tables of annuity rates for retirees.

—Forms to complete for registration in priority placement programs. Employees must register in the program to be placed on any list—their registration is not automatic.

Among the placement programs is a local priority category which will permit employees in one competitive area to be given priority consideration in other competitive areas, in activities served by the MIRCOCM Civilian Personnel Division.

Priority requirements for filling continuing positions under this program are outlined in Civilian Personnel Bulletin 162 dated May 19, 1976. Any questions regarding this Bulletin should be discussed with a counselor in the Civilian Personnel Division.

Activity Moves

Only emergency patients are being seen today and tomorrow by the Community Mental Health Activity (Department of Psychiatry).

The suspension is due to the relocation of the activity from Building 111 to 114, ground floor.

The Bulletin was issued after all local commanders receiving services from the Civilian Personnel Division had agreed on its provisions, and lawyers in the Commands involved had reviewed and approved the contents.

Another opportunity for placement is registration with the local office of the Civil Service Commission. An employee who is displaced through RIF and registers in the Displaced Employee Program, will be listed ahead of others who have qualified on the register in the CSC office. This means an employee who is under notice of change to lower grade may be certified for employment in any local federal agency ahead of others on the CSC register.

As an example, an adversely affected employee may be referred for a job in such agencies as Social Security, NASA, or other federal agencies in the local area, ahead of others on the CSC register, when a vacancy occurs.

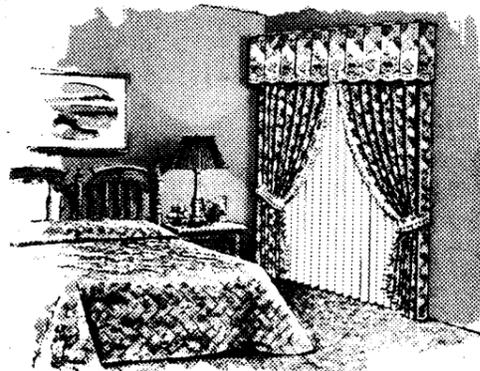
Beyond programs that apply to the local commuting area is a Department of Defense program that covers other Defense installations where an adversely affected individual is willing to accept employment. This is called a Stopper List.

Normally when there is a vacancy to be filled at an installation and it matches the affected employee's skills and acceptable grade, the installation is required to make the individual an offer of employment.

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Here's How the RIF Process Works

(Editor's Note: Much of this material on how replacements are worked out under RIF conditions appeared in the May 18 edition of this newspaper. It is being reprinted now because of continuing questions covering the same material).

Friday it will be a case of no news is good news as MIRCOM and MIRADCOM people wait for the RIF letters they hope will not come to them.

Most people in both commands will not get letters. That's the good news. The bad is that some in both commands will.

For most of them the letter will mean a change of job, perhaps a downgrade, perhaps not. If you get a letter, it will be the best possible offer as of July 29. If it is an adverse action such as a downgrade, there is a chance you may get a better offer before September 29 when the proposed actions become final.

Whether or not you do get another offer will depend on retirements, resignations, deaths, transfers or other actions that will open additional vacancies for which you may be qualified.

If that does happen, you get priority consideration.

Here's how the RIF process worked:

Individuals competed for jobs available within specific boundaries called competitive areas. There are three in this RIF: MIRADCOM which includes civilian employees of the Patriot, Army Tactical Data Systems and Cannon Artillery Weapon System projects; MIRCOM less RASA and RASA, less the remainder of MIRCOM.

The Redstone Commissary is included in the RASA Comp area.

Individuals within one competitive area have no cross over rights in another under RIF procedures.

Individuals were grouped in competitive levels within specific competitive areas; that is they were placed in groupings of jobs alike in grade, duties, responsibilities, pay system, and working conditions. By definition, jobs within competitive levels are so alike that individuals can be switched from one to another without undue disruption of work.

Where your name appeared in a specific competitive level depended upon four things:

1. Whether you are career or career conditional.
2. Whether you are a veteran.
3. Length of service, and
4. Job performance.

Within a comp level, all career veterans are listed first (Group-1A), then all career non vets (Group-1B) then career conditional vets (Group 11A) then career conditional non vets (Group 11B).

This RIF was triggered by management actions abolishing some jobs in some competitive levels and establishing new, vacant jobs in both commands.

RIF procedures were used to protect each individual's rights in determining job placements that then became necessary.

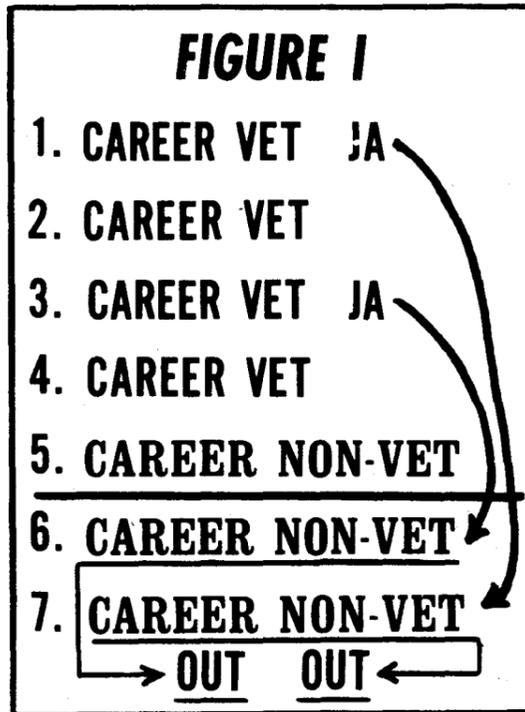
The letter of offer that may come to you Friday is the result of two rounds of RIF competition. The first round determined who got placed within the competitive level you are now in and who got pushed out. The second round determined placement rights of those pushed out in the first round.

Look at Figure I. This is the way first round placements were determined in a typical competitive level of four vets and three career non vets. Two of the jobs held by vets were abolished (JA). That left a

total of five jobs in the competitive level. Selection of those who had to be released from the competitive level worked from the bottom up, the person last on the list being the one lowest in retention standing. The vet now in job 1 took job 7. The vet now in job 3 took job 6. The two non vets now in jobs 6 and 7 were pushed out and held for placement in round two.

If all seven jobs had been held by career vets the same procedure would have been followed. The two with the least seniority would have been pushed out.

If you were pushed out of your present



competitive level in round one, you were considered for placement based on your qualifications and retention standing. Define qualifications this way: You are able to do the work without undue interruption and meet the other requirements such as minimum education, special skills and knowledge needed.

Trying to place you in round two, Civilian Personnel Division people looked first for a vacancy in your grade for which you qualified. If there was none, then they looked to see if you could bump someone in grade.

Look at Figure II. You bump someone in another competitive level in a lower retention sub group, either in grade or at a lower grade. In the example, a career vet pushed out of his competitive level, bumps a career non vet in another competitive level.

A bump can work laterally—in grade—or down to a lower grade. If there were no lateral bumps for you, the Civilian Personnel Division specialists dropped down a grade, looked first for a vacancy and then for a bump.

A bump works only from one sub group to a lower subgroup. A career vet cannot bump career vets in other competitive levels even though they may have less time in service. A career non vet cannot bump a career vet, but he can bump a career conditional vet.

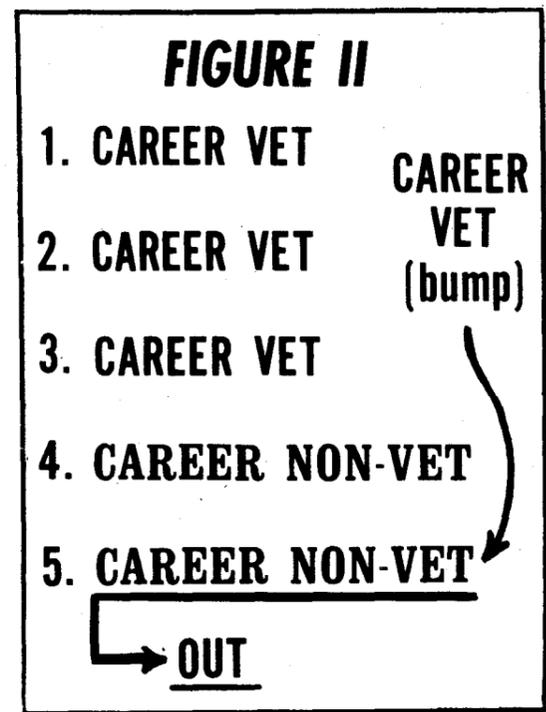
You may have been placed by retreat. Almost always that involves a downgrade, but in some cases it may have been in the same grade if you had previously been promoted from or through a position essentially the same as one occupied by someone with less seniority.

In a retreat, you can displace someone in the same subgroup with less seniority. A career vet with 10 years seniority, for example, can retreat to his old job at a

lower grade now held by a career vet with eight year seniority.

As this RIF was run, that process continued until everyone was placed, or some individuals were identified who could not be placed. Ordinarily they would have been involuntarily separated (laid off). In this RIF, however, DARCOM ruled sometime ago that there would be no involuntary separations.

Individuals who otherwise would have been involuntarily separated as a result, were offered continued employment using overstrength spaces. In some instances—



depending upon the needs of their organization—they were offered continued employment at the same grade and in the same place they are now. Others were offered jobs in other areas.

Most individuals downgraded keep their current pay for two years under Civil Service rules. To be eligible for "saved pay", the individual must be career or career conditional in the competitive service or under equivalent type of employment in the excepted service when downgraded.

The individual must have served the preceding two years in the same agency and in grades higher than the grade to which downgraded. Performance during that two years must have been satisfactory.

Don't worry about the "same agency" requirement. No one in MIRADCOM or MIRCOM has been in the same agency more than six months. If you worked in MICOM before it split, add your MICOM time in counting your two years.

Previous continuing service with any Army activity also counts toward the two years.

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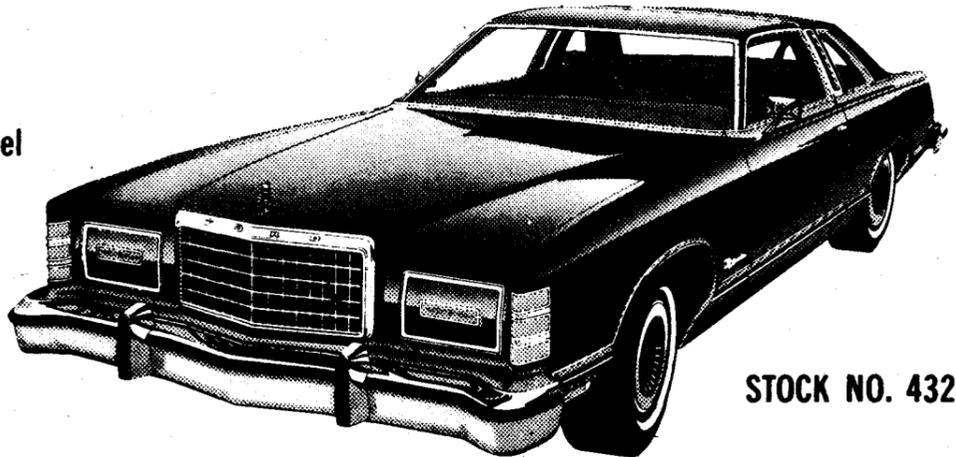
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No Place on Post

(ARNEWS) — In the past some people seem to have confused television drama with real life. For them, it seemed only natural to do in real life what television stars do on the screen. But soldiers who copy a television police agent or "super spy" can get into real trouble.

In an era of mini-tape recorders, pocket microphones, and compact FM transmitters, it may be tempting for a do-it-yourself "private eye" to want to overhear or record the personal conversations of others.

Unless engaged in officially approved activities, any soldier or DA civilian who listens to or records the conversations of others on an Army installation without the prior knowledge and approval of all parties to the conversation, violates DA directives regarding monitoring of conversations.

DA policy is specific. The "experimenter" just "messing around" who records a call he receives or makes, or records what someone says to him, commits a serious violation. Even listening on an extension phone without the knowledge and approval of all parties is not authorized.

This strict policy is designed to insure that the privacy of conversations on Army installations is protected. It means that individuals are protected from eavesdropping or wiretapping except by trained personnel in the course of specific criminal or national security investigations.

Activities suggested for monitoring must meet rigorous criteria and must be approved individually by the Secretary of the Army and the Attorney General. The only exception is the monitoring by trained technicians of electronic communications systems to ensure that the systems are functioning properly and that the Army phone system is not being abused.

What all of this means to soldiers and civilian employees is that they should not attempt to copy TV star tricks. Violators of the wiretap directives run the risk of disciplinary or adverse administrative action.

Mat. Management Gets New Director

Colonel Maury L. Jones, the new head of MIRCOCM's Materiel Management Directorate, came to Redstone following graduation from the Army War College and assumed his new position early this month.

He succeeds Colonel John Govatos who transferred to MMCS in May. Colonel Jack Fessenden served as interim Director.

"My experience in Materiel Management prior to this assignment has been principally at the retail level, though I completed tours early in my career at the wholesale level, both as Commander of a field supply unit operating a mini-depot, and as a staff officer at a general depot," Jones said.

"Other assignments at the Army Ordnance Center and School, as an instructor in supply management, and in the Office of the Deputy Chief of Staff for Logistics have given me a fairly broad perspective of the logistics system as a whole."

"I look forward with great anticipation to this, my first assignment at a Commodity-Readiness Command Headquarters," Jones said.

"My principal concern and orientation as the Director for Materiel Management will be to assist MIRCOCM in maintaining, and if possible, improving upon its fine reputation for support to the troops in the field."

Originally from Arvon, Virginia, the colonel has a bachelor's degree from the University of Nebraska, Omaha, and an MBA from Babson College, Boston.

MIRCOCM Staff Judge Advocate

An attorney who has been transferred to Redstone from the 21st Support Command in Germany, LTC Richard E. Cumming, is the Staff Judge Advocate in the MIRCOCM Legal Office. His predecessor in the position was LTC Malcolm T. Yawn, recently reassigned to Korea.

Previous assignments for Cumming include Ft. Benjamin Harrison, Ind., Ft. Dix, N.J., U. S. Claims Service Europe; the Judge Advocate General's School, Va.; the Engineer Command, Vietnam; and Ft. McArthur, Calif., as well as his most recent duty in Germany.

Originally from Ocala, Fla., the colonel is a graduate of Davidson College in North Carolina where he earned a bachelors degree in psychology, and of the University of Virginia with a J.D. degree in law.

His decorations include the Bronze Star Medal awarded in Vietnam, and the Meritorious Service Medal earned in Germany.

Cumming is a member of the American Bar Association, the Federal Bar Association, and of Delta Theta Phi legal fraternity.



COL. JONES

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MM Without AA — Hardly Seems Possible

On this last afternoon of a long federal career, wearing the medal they had just given him, he recalled for someone who came to say so long that as a boy he had dreamed of growing up and working for the government.

And thinking about the 36 years since the boy grown into a man got his wish, A. A. Stewart, Redstone's legendary "Double A", said in his soft voice: "There were very few days when I didn't look forward to coming to work."

"I found the job challenging, satisfying. I felt I was accomplishing something."

He retired this month, July 15 was his last work day, but it will take some time for the Army to get used to the notion that Double

The medals, he also holds the Exceptional Civilian Service Award, and 35 years of outstanding performance awards attest to his mastery of his job as the Army's senior missile logistician.

Characteristically on his last day, he talked not about the things he had done, but the people who had helped him, and then with pride, about some of those he had helped.

Those who had been close to him knew the special interest he took in young people, his nieces and nephews, and the young men and women who learned the missile supply business from him over the years. Some stayed to move up to key positions here at Redstone, others are scattered throughout the federal service.

"We've had some fine young people," he recalled. "Some have come in through the co-op and intern programs. Many worked their way up in the directorate. They have developed into outstanding careerists. It has been my pleasure to work with them and counsel them."

He said matter-of-factly that he had been considering retirement for about a year. Now with his organization safely through the trauma of a major realignment, he felt it was time to go, time to "do some of the things I want to do while I'm able to do them."

Among the things he wants to do: work on his home in Huntsville and his Mississippi farm. Long active in the affairs of his church, he wants to see Oral Roberts University and visit a church in Garden City Cal., established by Dr. Robert Schular. Stewart is a faithful follower of the Rev. Schular's weekly television sermons.

Widely recognized as one of the pioneers of modern logistics management, he was literally in on the ground floor of Redstone's missile age, came here in September 1946 long before the missiles. Then employed by Third Army and based in Atlanta but travelling throughout the southeast, Stewart had come to Redstone on a trip, recalled he was having dinner in the Officers' Club with a friend when he learned that the Arsenal Commander wanted to hire him.

He began as a GS-11 in the Storage Division, an operation he smiles and describes as one "with a lot of assorted missions".

He stayed to become a supergrade, one of the first non technical civil servants to reach that rank, a long way up the ladder for the boy who began his federal service as GS-4 general supply technician.



A. Stewart is no longer Deputy Director of the MIRCOCM Materiel Management Directorate.

MG George E. Turnmeyer, MIRCOCM Commander touched on that point earlier in the day as he presented Stewart's second Meritorious Civilian Service Award. The general said that long before he came to Redstone, he had heard that when problems happened in missile logistics, the man to call was Double A.



Instructor of Quarter

Sergeant First Class Franz Atkinson was recently named as the Instructor of the Quarter for the Missile and Munitions Center and School.

An instructor with the Explosive Ordnance Disposal Division, Atkinson teaches courses in Tech Escort, ammunition inspection, and chemical accident-incident control.

Formerly stationed with the U.S. Army Chemical School at Ft. McClellan, Atkinson came to Redstone in May 1973. He has served in an instructor capacity throughout his tour here.

He served two tours in Vietnam with the 23rd Division. The first from 1968-69 and the second from January through November of 1971.

He has been in the Army 11 years and completed basic training at Ft. Leonard Wood, Missouri in March 1966. His awards include two awards of the Bronze Star, and three awards of the Air Medal, three awards of the Good Conduct Medal, the Vietnam Service Medal, and the Vietnam Campaign Medal with seven stars.

Atkinson is the son of Mr. and Mrs. John C. Atkinson of Huntsville, and a 1976 graduate of Athens State College where he majored in business.

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CHECK ON TRAINING — 99th AR-COM Brig. Gen. John H. McClain and 38th Ord. Gp. Commander Alphonso W.

Nabors confer with Maj. Sidney I. Davis and Ted A. Angeloff of the Missile Munitions Center and School.

Reup Easier With Override Policy

(ARNEWS) — Overstrength MOSs have been and will continue to be a problem for some first term soldiers who want to reenlist. DA officials have recently announced a new policy called "Commander's Reenlistment Override" for first term soldiers, which may make it easier for outstanding soldiers to reup.

DA has modified the reenlistment procedures to allow senior commanders (Maj. Gen. or higher) to authorize the reenlistment of first term soldiers in their present primary MOS even if they have been directed to be retrained in a new MOS by MILPERCEN.

Before reenlistment can be authorized under this new policy, the soldier must be:

- serving on a first term of active federal service.
- in an authorized TOE or TDA slot.
- eligible for reenlistment.
- willing to reenlist for his or her present duty assignment.
- serving at an installation which is not overstrength in the soldier's grade and MOS.

DA staffers caution that this "override" authority should only be used for outstanding soldiers who are highly recommended by their unit commanders to remain in their current PMOS.

The Commander's Override does not apply to soldiers who have been denied reenlistment or extension for qualitative reasons.

If the Commander's Override is initiated, the request must be forwarded through the Personnel Management Branch and the Reenlistment Office of the local MILPO to verify the TOE or TDA position and determine the soldier's eligibility for reenlistment.

All of this must be completed before approval by the commanding general. Senior commanders may not delegate the "override" authority to subordinate commanders.



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Reserves Return To Training Home

A home away from home? Well, not quite. But for sixty two army reservists from South Charleston, West Virginia, it may be the next thing to it, as far as military training goes.

The 38th Ordnance Group has paid several visits to Redstone and is currently winding up another successful two week stint. The Arsenal seems to be one of the more popular Summer Training sites, among reservists fulfilling the annual requirement.

No stranger to Redstone, Col. Alphonso W. Nabors is ending his first two week cycle as Commander of the 38th Group. He took over shortly before the reservists left West Virginia. Nabors had been deputy commander for seven years prior to his promotion.

A special visitor during the two weeks training was Brig. General John H. McClain, Deputy Commander of the 99th Army Reserve Command, headquartered in Oakdale, Pennsylvania. The 38th Group falls directly under the supervision of 99th ARCOM.

Training for the reservists was diversified, with the majority attending a two week course at the Missile Munitions Center and School. Four of the reservists worked with the MIRCOM race relations equal opportunity team. Others worked with food service, physical security, Chapel and motor pool operations.

The 38th Ordnance Group leaves early Saturday morning for the return trip to West Virginia.

DDT

From Page 1

Environmental Hygiene Agency, indicate the DDT may not be degrading in the manner that had been expected and is being leached from the site in ground water.

Army officials have advised the Environmental Protection Agency, the Wheeler National Wildlife Refuge and other appropriate agencies of their findings and are cooperating with them in the continuing tests.

The tests are expected to take several months. Army officials will decide on a course of action once complete test results are in.

The DDT plant, built to manufacture toxic chemicals during World War II, was leased to private industry in 1947 for insecticide production and produced some 25 million pounds yearly on the site south of Mills Rd.

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COUNTRY LIVING IN STYLE — This 4 month old brick rancher is located on 5 acres with another 5 acres available. A beautiful view is available from the front or back yard. You need to see it to believe it. Home has 3100 sq. ft. of living area plus large side entry two car garage, 4 bedrooms, 2 1/2 baths, den with fireplace, rec room, utility, large living and dining. Call for other outstanding features and location. (GCR) 883-1200

FABULOUS FLEMING HILLS is the location. Perfect is the home if you need a 4 B.R. Rancher w/Den and Rec. Room loaded with goodies such as fireplace, wet bar, double ovens, bookcases, work shop, and yummy decor. Private Patio area. Lovely Landscaping. Must see. \$70's (M7742)

If you are looking for an Executive home in NW Huntsville, here is one you don't want to miss. This 4 bedroom home is located on a beautiful 1 acre plus lot with many trees. Here are just a few features: Large foyer, sunken living room, very formal dining room, in kitchen, oversized double car garage, den with fireplace, raised hearth fireplace, oval shaped patio with B-B-Q, storm shelter, welcome lites & much more. By appointment only. (MC-11005) 533-1490

PERFECT IN ALL RESPECTS . . . is our new listing at 4007 Nunn Dr., S.E. The location is ideal, the view magnificent and the style and decor is most appealing. This beautiful four bedroom rancher is the ultimate for an active family. Features include den with built in bar, huge rec room, 18x36 Spartan pool with cabana room and privacy fence, and the back yard is big enough for the kids to play football. This is not another house like it on the market at any price. \$99,900 (N-6007) 883-1200

ELEGANT FRENCH COLONIAL . . . in excellent S.E. location. Large formal living and separate dining room featuring dark hardwood floors, beautiful kitchen with loads of cabinets and work areas, double windows in breakfast area overlooking lovely back yard. Den with fireplace, 4 bedrooms and 2 1/2 baths complete this 3216 square feet of elegance. \$92,500. (D4030)

4008 DUNSMORE — Randolph School Area — A true executive style home. This beautiful rancher is built w/ used brick & presents such outstanding quality features as 4 bedrooms (2 King size), 2 1/2 baths, formal entry, sumptuously large living & dining rooms, large den w/ raised hearth fireplace, a big rec room for entertaining or family activities, mud room, private fenced patio and oversized double side entry garage. \$73,500. (4008P) 883-1200

HUGE BASEMENT RANCHER . . . in the Blossomwood school district. A big family will enjoy this spacious home which has 5 bedrooms, den with fireplace, workshop, rec room, side entry foyer, formal living & dining room, huge eat-in kitchen with lots of cabinet space and other features too numerous to mention. Call for additional details and appointment. (0713) 533-1490

SPACIOUS CORNER BEAUTY — Over 3000 sq. ft. of living space on a beautiful corner lot with many fruit trees and privacy shrubs. 4 bedrooms, 2 1/2 baths, den plus downstairs rec room. Huge kitchen and breakfast room, 190 sq. ft. storage room. Extra well built and priced to sell. \$75,000. (G7118) 883-1200.

MARTHA DRIVE S.E. — Real nice 4 bedroom, 2 1/2 baths, formal dining, study, 2 fireplaces, den, rec room, inside laundry, deck & patio, storm windows, double garage. Large wooded lot (M7705)

A TRULY REMARKABLE HOME — This 4 bedroom Spanish Rancher home is situated in the middle of Jones Valley. Features include, Thermo Pane Window, Custom Finish wood Thru-out, Exceptionally Large Bed Room, Formal Living & Dining Room, Special Features in the Kitchen, Separate Breakfast Room & much more in this 4000 S.E. (W-923) 533-1490

TAX SHELTER for horse lovers — Here is what you've been waiting for. 90 acres, 100x48 ft. stable with 19 stalls, tack room, wash room, office, 2 ponds, fenced and cross fenced, rescue, 45 acres cleared, beautiful building sites. 3 bedroom house, 5 bedrooms, mobile home, excellent tax shelter. \$88,000 (RT.#1UG) 883-1200

SIERRA BLVD. — You should see this exceptional home in prestigious older neighborhood. Quiet cul-de-sac offers privacy in the enclosed patio opening off large den with wet bar. This home also offers isolated master suite with fireplace, 3 other large bedrooms, library with fireplace, kitchen with breakfast area, inside laundry, large entry foyer of impressive stone. Many special features for added convenience. Call for appointment. (14065) 883-1200

ATHENS, AL. — Custom built 2800 sq. ft. 2 year old home situated on 9 beautiful acres. Brick & cedar construction, home features 3 huge bedrooms, large living room, formal dining room, large kitchen with fireplace, heated & furnished separate garage plus 18 x 24 cedar barn. Many custom extras. \$89,900. 30 additional developed acres available. For more information and an appointment to see this lovely country home. 883-1200

HOMEWOOD — Very nice large two story home with 4 bedrooms, 2 1/2 baths, study, isolated dining, large living room, den, fireplace, double paneled garage, storm window, patio, fenced back yard, faces North. \$72,900 (H501) 883-1200

TWICKENHAM DISTRICT — Spacious two-story brick home, beautiful setting on 1/2 acre lot near downtown. 4 bedrooms, large living and dining rooms, sun parlor, enclosed sleeping porch, laundry room, six fireplaces & six porches, central heating, large attic & basement, 10' ceilings throughout, needs only decorating and some remodeling work completed. \$89,900. (L402) 533-1490

FANTASTIC — Hobbs Island Rd. — Located on 4.3 acres of beautiful land with a pond. This huge (5252 sq. ft.) all brick basement rancher has so very much to offer and yet is very close to South Harge entry, large living room, large dining room, large den with fireplace, huge rec room, 4 bedrooms, 3 baths, parlor downstairs plus kitchen downstairs, inside utility room, patio covered, double garage. Ideal for people with antiques who need large rooms. By appointment only. \$120,000. 883-1200

FAGAN SPRINGS & CLEERMOYNT DR. — New listing on corner lot (.6 acres) in excellent neighborhood. This brick Colonial 2 story has over 3200 sq.ft. of spacious living area. Features 5 bedrooms, study, sewing room, 3 full baths, large living and separate dining room, huge den with fireplace, storage area and inside utility room. 2 car garage (688 sq. ft.) An excellent buy for \$72,500. (601F5). 883-1200

HORSES, SOYBEANS, 40 ACRES — This huge two-story home features 4 bedrooms, 2 1/2 baths, den with fireplace, large living room, rustic room, closets galore. Home measures 2750 sq. ft. finished and another 1000 sq. ft. ready to complete. Orchard, strawberries, outstanding property, offered at \$110,000. Additional 40 acres offered at \$800/acre. (CTR) 883-1200

ON THE LAKE — On the main channel, on a beautiful huge lot with 90 ft. of waterfront and trees, 2 slip boathouse, deep water, and pier. This beautiful basement rancher is ideally suited for the corporations get-away place. Home features 2 complete living units — upstairs is 3 bedrooms with kingsize master, 2 baths, breakfast room, den with fireplace, garage, closets galore, central vacuum system, summer porch, downstairs is 2 bedrooms, study, workshop, 1 bath, kitchen, and garage. All of this in chain link fenced security patrolled area with remote control gate. Exclusively offered at \$162,500. (5K) 883-1200

24 ACRE HORSE FARM — Horse lovers let's go look at this 24 acre horse farm featuring 7 horse stables, hay barn, 1 1/4 acre stocked pond, dog kennel and dog run, sandy bottom, all weather creek. Home features 3 bedrooms, 2 baths, den with fireplace, rec room, formal living and dining rooms, huge country kitchen with brick wall, inside laundry. Offered at \$95,350.

QUIE CUL-DE-SAC — In the lovely Jones Valley neighborhood. This 3220 sq. ft. custom built split-level offers all of the amenities for better living. Gourmet size kitchen — loaded with cabinets. Den with fireplace and huge brick rancher. Four large bedrooms (master has twin walk-in closets), 2 1/2 baths. If you want living at its finest you must see. Mid \$80's. (N4001) 883-1200.

\$60's

TWICKENHAM AREA — This early Victorian home offers the best of the old and new. Authentic remodeling and fully built in modern kitchen and breakfast room. 3 bedrooms and 3 baths. Salarium and large utility room. 5 fireplaces, living room and study. Central heat and air. Must see. Low \$60's. (R515)

NOBODY BREATHEIN DOWN YOUR NECK — Here's a house with elbow room. huge deck, 5 spacious bedrooms. You'll have a good natured family when they have all this space to enjoy! Entertain your guests on the deck which you can enter from either living room or dining room. Features sliding glass doors. Enjoy the warmth of the fireplace in nice den with bookshelves. (MG622) 533-1490

WHAT YOU'VE BEEN WAITING FOR IN CAMELOT — This unique 2 story with a touch of Spanish accent is located on a large, well landscaped, corner lot. For your outdoor activities this home has a covered front and side porch and a large deck in back. There are 4 spacious bedrooms, 1 1/2 baths, separate living and dining rooms, den with fireplace, breakfast room, inside utility and large two car garage. Price \$62,500. (2601 P) 883-1200

ALMOST AN ACRE — Beautiful back-to-nature corner lot in a prestigious southeastern neighborhood sets the scene for this spacious brick rancher with 2330 sq. ft. of comfortable living area affording three bedrooms, several baths, den and rec room both with brick fireplaces. All the "blue chip" extras and mature trees too. (80035) 883-1200

BASEMENT RANCHER within walking distance to Chapman School features 2954 sq. ft. of luxury living area complete with 5 bedrooms, 3 baths, den with brick fireplace and huge rec room. All the extras including storm windows and electric door opener for the oversized double rear-entry garage. (1914R) 883-1200

PICKY! PICKY! If you fall into this category then this gorgeous 4 bedroom, 2 1/2 bath two-story home of about 2500 sq. ft. of beautifully decorated living area will get you to a "Y" since it is in "mint condition" and on a large well-landscaped lot. Country living in the city. (2106A) 883-1200

DEN + REC ROOM . . . Four year's new on large corner lot in quiet neighborhood. Nicely decorated. 4 bedroom, 2 1/2 bath brick rancher. Bay window in kitchen looks out onto large private fenced patio. Fireplace in the den + 330 sq. ft. REC ROOM for the kids. Pleasant family living for \$63,500 (1020M). 883-1200

PIEDMONT — Jones Valley, Whitesburg and Huntsville High School district to Parkway City Shopping Center and downtown. It's in a glamorous neighborhood with everything going for it. A muted mint green plush carpet and elegant white wallpaper complement the formal living room. Balconie dining area overlooks sunken patio. Beautifully decorated. Franklin stove adds a touch of the past. There are four spacious bedrooms and two lovely large vanity baths. \$64,900. (M3302) 883-1200

BRICK RANCHER WITH FLAIR — Over 2100 sq. ft. This well designed floor plan has 3 entrances onto a large, covered porch. The quarry tile patio is exceptionally nice yard and super condition. Other features include 2 1/2 baths, fireplace, large eat-in kitchen. Offered at \$60,000. (8103W) 883-1200

CUSTOM BUILT — Contemporary home only 7 months old. 2150 Sq. Ft. of elegant informality, separate dining room, 19X20. Great room with kitchen with center cooking island and pactor, large breakfast area, 4 bedrooms, 2 1/2 baths. Fully carpeted, custom-made shades, partially covered patio complete the picture. \$62,500 (W2605) 883-1200

EARLY BIRD SPECIAL — Our brand new listing in Bailey Cove Estates features an exciting two story design w/tremendously spacious living and dining areas accompanied by 4 large bedrooms and 2 1/2 baths. A separate breakfast area is also featured and a double side entry garage. \$59,900. (900C) 883-1200

ON A HILL IN THE TREES WITH A VIEW . . . is this sparkling clean two story home featuring huge wooded lot with trees and a fireplace, workshop, rec room, formal living & dining rooms, den & 4 bedrooms, 2 1/2 baths, study, breakfast room, double garage and you can walk to Weatherly and the "Y". \$52,900. (1002A) 883-1200

SAN RAMON — A two story you don't want to miss. Over 2400 sq. ft. featuring four bedrooms and two baths upstairs, foyer, living room, dining room, kitchen with fireplace — a huge separate REC ROOM for the kids. (1008 SR) 883-1200

PAMPED IN THE PIEDMONT — This four bedroom rancher has been cared for like your first born child. Immaculate in all respects featuring living room combination, large den, 1 & 1/2 baths, double garage, fenced rear yard, beautiful level lot, new roof, freshly painted. This lovely home has many extras that you'll only appreciate when you've seen it in person. (W409) 883-1200

THREE POOLS — "Pool" number one—is a 16x32 Spartan in your own back yard. "Pool" number two—play pool in the 20x25 rec room. "Pool" number three—forget about the car pool because the kids can walk to Grissom from this immaculate four bedroom brick rancher with 1 1/2 baths, large den with fireplace, lovely kitchen with breakfast bar, and many other fine features that you'll have to see for yourself. (1101C) 883-1200

NEAR GRISSOM HIGH SCHOOL in Bailey Cove Estates, this traditional 2-story home features foyer, living room, dining room, den with fireplace, eat-in kitchen, huge rec room with bay window, four bedrooms and 2 1/2 baths. (10085)

TREES, FERNS & FLOWERS — abound on this fantastic 25 x 38 ft. private plot. Gorgeous corner lot with lots of trees. 2557 sq. ft. 4 bedroom home with "bonus room." \$37,900. (2009W) 883-1200

FOX RUN — HAS A NEW TWO STORY COLONIAL THAT FEATURES FOUR BEDROOMS, 2 1/2 baths, den, living room, dining room, eat in kitchen with all built-ins, inside utility room, double garage. Priced at \$52,500. (1302C) 883-1200

SWIM IN YOUR OWN BACK YARD POOL THIS SUMMER — You can if you are the owner of this beautiful 4 bedroom home located on a large lot. Other features include sunken den with fireplace, formal living & dining room, eat-in kitchen with bay window & two car garage. (E-1922) 533-1490

LOW EQUITY — Choice Northeast location. 4 bedroom basement rancher, 3 baths, view of the city from the large deck. Wooded lot. Equity \$6,500. (BM2609) 533-1490

GOOD COMMERCIAL INVESTMENT on Oakwood Ave. — Large home, 3 bedrooms, good condition suitable for renovation to office use. Lot is 60 x 331 and would be suitable for use to build office complex, retail store ETC. (0-366) 533-1490

\$40's

A PLAYHOUSE in this tree shaded yard will add days of pleasure for your children. Mature fruit trees, large shade trees and a huge yard with cultivated garden provides a lovely natural setting for this home. Featuring a living room and dining room, huge stone fireplace, separate dining kitchen, den with fireplace, four bedrooms and two baths. This home reaps with evidence of TLC. A beautiful SE location for \$48,900. (102BA) 883-1200

QUEEN'S HIGH RENT LOW . . . You won't be gambling when you invest in a home and stop paying rent! This castle is located on QUEEN'S PLACE in Camelot and offers some KING a super pad. Entertain with ease in your large MEDICAL DISTRICT HOME. Sparkling new 3 bedroom home, great room, country kitchen, den, double car garage, redwood fenced back yard. Very tastefully decorated. (E-2405) 533-1490

LOVELY FOUR BEDROOM, 2-STOREY IN CEDAR VALLEY. Enjoy the beauty of the mountains in this select northwest area. Fully carpeted parky, fresh wall paper throughout. Great den with fireplace, all built-in kitchen with bar, 2 1/2 baths, separate living & dining rooms. Close to schools. It's living in the city with all the country beauty. Low equity of \$9,780. (CP6215) 533-1490

IMMACULATE CONTEMPORARY — This year old rancher is located in Fox Run — one of Huntsville's newest neighborhoods. Livable floorplan includes great room with cathedral ceiling, huge stone fireplace, separate dining, 3 bedrooms, 2 full baths, beautiful carpet and vinyl, a touch of wall paper here and there, double ovens and pantry in kitchen, huge paneled double car garage. Central heat and air, fenced yard. Equity \$33,890, total price \$47,500. (C13002) 533-1490

LOVELY ROCK FIREPLACE — See this home today featuring large den, 3 bedrooms, 1 1/2 baths, and country kitchen. 1260 sq. ft. of unfinished basement. Lee school district (G2421) . . . 883-1490.

5 BEDROOMS — If all your blessings are children, and your pocketbook is feeling the crunch, this new listing at \$47,500 is the answer to your prayers. Excellent condition with over-sized Country Kitchen. More than 2,000 sq. ft. of living space, PLUS large heated and cooled 12 x 22 workshop (could convert to REC ROOM) for family hobbies. Kids can walk to Chaffee Elem or Haysland Square for shopping. (9031C)

NEAR RESEARCH PARK & UAH — This lovely custom built brick rancher located in McChormer Acres will save you money if you work at the Arsenal, Research Park, or UAH. Features include four bedrooms (one could serve as den) plus study or sewing room, formal living and dining, eat-in kitchen, 2 1/2 baths, central heat and air, 12 x 20 workshop, and door, and a large utility room. Seller and many other nice features. Priced low 40's. (W-1007) 883-1200.

10112 CONRAD . . . could be your next address if you're looking for an immaculate 3 bedroom rancher on a large corner lot with a fenced rear yard with shade trees. You'll also get full carpeting, eat-in kitchen, living room, dining room, paneled fireplace, finished laundry, and full carpeting. 1 1/2 baths and a double garage. (C10112) 883-1200.

FERRIFIC HOME — Lovely split foyer home with 2100 sq. ft. of great living area. Roomy eat-in kitchen, separate living and dining rooms. Full bath, 2 1/2 baths, large den with bookcases, automatic attic fan, humidifier, fully carpeted, central heat and air. Terrific yard with lovely mature trees surrounding deck and patio. (PP2919) 533-1490

QUIET CUL-DE-SAC — In prestigious English Village—for the happy family who enjoys living in a beautiful home on a lovely large fenced lot. This brick/frame split level home dining 1325 sq. ft. of beautifully decorated living area with 3 bedrooms, 1 1/2 baths, cheery, well-equipped kitchen, large living room/dining room, comfortable den with brick fireplace, and oversized double garage. Better than new! (1020ZE) 883-1200

SE EQUITY — Here is a real sharp 3 bedroom rancher in the Weatherly School District. Fully draped and nice use of wallpaper. Other features include 1 1/2 baths. Den with fireplace, fenced back yard, formal living and dining room and double car garage. (WC-9986) 533-1490

BE THE FIRST to live in this brand new home at 13026 Maebeth Dr. In beautiful Fox Run. Features include 3 bedrooms, 2 baths, living room, dining room, family room with fireplace, kitchen with range, disposal and lovely cabinets. Finished double garage plus many extras for only \$48,500. 883-1200

TWICKENHAM HISTORICAL AREA . . . beautiful historic Victorian home suitable for multi or single family use. Needs restoration, but basic condition excellent. \$44,900. (407E) 883-1200

2504 GUENEVERE AVE., S.E. — This immaculate home on a wooded lot features 4 bedrooms, 1 1/2 baths, living room dining 1325 sq. ft. of beautifully decorated living area, laundry, large eat-in kitchen. This super clean home can be yours for under \$5,900 equity. 883-1200

DEN WITH FIREPLACE plus rec room in this four bedroom ranch home on Whitesburg Dr. Lots of trees and fenced yard. \$46,500. (W5510) 883-1200

2607 WILLENA DR. S.E. — In beautiful "Fox-Run". All brick cape cod rancher. Foyer with hardwood floors, separate living and dining rooms, large country kitchen/den combination, loads of cabinets and counter space. 3 bedrooms, 2 baths, large utility room plus workshop. Great price. \$47,900 (W2607) 883-1200

PAINT ROCK, AL. — Three flat fertile acres and long rambling rancher for \$45,500. Modern style kitchen with beautiful dark stained cabinets, double oven, dishwasher, double sink, etc. Three bedrooms and hobby room or 4th bedroom — now being used as beauty shop — has 1/2 bath. Custom built home with extra insulation. Finished garage and cellar. 2 1/2 baths with vanities and wallpaper. Lush shag carpet in den. If you want to live out and have enough room for horses and garden and privacy — You don't need to wait. 883-1200

NEW LISTING — Be the first to view this immaculate brick rancher in popular Willowbrook. This 3 bedroom, 2 bath home features formal living & dining, nice paneled den plus rec room. The 20x20 covered breezeway and patio is just right for summer nights. There's a great garden spot plus many "extra" details in this quality home that you must see for yourself. Priced 40's. (C912) 883-1200

SPARKLING NEW & READY FOR YOU. This 3 bedroom brick rancher is located in walking distance to Weatherly & Grissom school. It has 2 full baths, large great room with fireplace, thermo pane windows, double car garage, eat-in kitchen & much more. (W-911) 533-1490

\$30's

LOW EQUITY. Only \$6160 will get you into this clean four bedroom tri-level home in Scenic View Hills. Total price \$34,000. Monthly payment \$254. Storm shelter, beautiful yard with large vegetable garden. Lots more (2602Y). 533-1490

QUIET STREET — In convenient Rutledge Hgts. Rear of lot adjoining wooded area. Extra well kept 4 bedroom home with 2 baths, den formal living & dining rooms, equipped eat-in kitchen. Super size garage with work bench and large work area. Purchase equity and assume pmts. of \$163 533-1490. (4803 C)

2119 NORRIS RD. — Attractive brick & stone rancher in good northwest area. 4 bedrooms, large den and living room. 1 1/2 baths, nice eat-in kitchen, carpet except 2 bedrooms, excellent fenced back yard with basketball court and play area. Total price \$31,000, will trade. (N2119) 533-1490

ESTABLISHED N.W. NEIGHBORHOOD — This well kept tri-level features 4 bedrooms, 1 1/2 baths, a large den, living room/living room combination, inside laundry room and a rear entry garage. \$34,380 (M2605) 533-1490

PEACE & TRANQUILITY — are yours to enjoy in the private back yard that joins a bird sanctuary. Lovely 3 bedroom home with a large den (one whole wall of cabinets), beautiful kitchen, dining area, and a large covered patio. (5019K) 533-1490

PEACEFUL COUNTRY LIVING — This rancher sits on a 1 acre lot N.W. of Huntsville, with possible chance to buy more land behind this property. Inside are 3 bedrooms, 1 1/2 baths, living room, spacious family room/kitchen combination containing plenty of cabinet space, and a utility room large enough for your washer, dryer and a freezer. Behind the house is 11 X 30 workshop that is insulated and has 220 outlet. (A RT. 1) 533-1490

5 1/2% FHA LOAN — with \$151.34 a month payment. Here is a beautiful brick rancher in excellent condition with FOUR BEDROOMS, central heat & air, garage, large eat-in kitchen, nice private yard, two baths with vanities. Good neighborhood. \$37,500. (3511C) 883-1200

NEAR THE ARSENAL — Here is a very nice 3 bedroom STONE Rancher near Redstone Arsenal, with 2100 S.F. and a Detached Garage. Features Include Entry Foyer, Living Room, Dining Room, Den & 1 1/2 Bath's & Large Country Kitchen. (D-3704) 533-1490

GREEN BRIAR ESTATES — Excellent two-story home on pretty corner lot in a very nice neighborhood. 4 bedrooms; separate living, dining, and entry; cozy den with pegged hardwood flooring; 2 1/2 baths; equipped kitchen with self-cleaning oven; Central heating and cooling, large double car garage, great view from hillside location; reasonably priced at \$37,500 (C6000) 533-1490

NORTHWEST — Just listed and very nice four bedroom rancher. Separate living and dining room, large kitchen with much storage space. Large inside laundry room. Double car garage. 1 1/2 baths. Lovely back yard with double gate in fence for camper or boat parking. Nice neighborhood. (5014L) 883-1200

CONTEMPORARY RANCHER featuring cedar exterior, nice stone fireplace in family room, 3 bedrooms, 1 1/2 baths, inside laundry, continuous clean oven and dishwasher. Under construction. Buy now and choose your carpets and wallpaper. \$30,900. (M3420) 533-1490

A SELECT BUY . . . Sherwood Park's finest 4 bedroom Rancher. Special features include plush carpeting, 2 vanity baths, large eat-in kitchen with all built-ins, paneled den, double rear entry carport. \$36,500. We'll trade on this one.

ARAB — This nice brick rancher is located on over an acre lot with mature apple trees, city water. Living room, large family room, 3 bedrooms, 2 baths eat-in kitchen, large laundry room, porch. \$34,000. 883-1200

ARAB — Brick rancher features large living room, cozy den, 3 large bedrooms, 2 full baths, large laundry room. Single garage. \$35,000. Extra finished blog 621 sq. ft. could be office. 883-1200

COUNTRY LIVING IN CITY. Relax under the shade and enjoy the view of the farm land on this lovely 1 1/4 acre lot. 2 bedroom home, large garden spot, work shop, 3 bedrooms, new born with two closed-in sheds. You will have to see this mini farm to believe what all can happen in the city limits. (E2808) 533-1490

JUST LISTED — MADISON — This ever popular sized Rancher offers 3 bedrooms, 1 1/2 baths, painted dining room/den combination and rec room. Freshly painted, this home is sharp. \$33,500 on new loan on equity. (4095) 883-1200

ONE YEAR OLD — 3 bedroom home on quiet circle. 1 1/2 baths, inside utility room, living/dining combination and den. Large double carport with big storage area. (3102-JC) 533-1490.

\$20's & Below

PRESTON ISLAND — Lake Home - Great view of Guntersville Lake. Huge screened porch, large den w/fireplace, 1.37 acre wooded lot, 20' strip to water. Large new pier with boat wrench. Sea wall, 2 bedrooms. Priced right \$29,900. 533-1490

MT. VERNON HEIGHTS — Sparkling new ranch style home in Northwest Huntsville. 3 bedrooms, 1 bath, living and dining, built-in kitchen, pantry, plush carpeting, central heating and cooling, \$23,750. (MV2409) 533-1490

Excellent Building lot in Blossomwood school District. All utilities are available. Call for appointment to see. (LC-1502) 533-1490

2514 VIRGINIA BLVD — Neat 2 bedroom home, large living & kitchen, alum siding, office or study room, good area, quiet street. Only \$14,000. 533-1490

RT 4 ARAB — Very nice 1032 sq. ft. brick rancher. Just right for the young budget. 3 bedrooms, 1 bath, eat-in kitchen, large lot just out of the city limits of Arab. \$18,100. 883-1200

1913 CATCHINGS — 19,900 — Clean and neat 3 bedroom Rancher on quiet street. Huge den, plush carpet also close to Oakwood College. 533-1490

4 BEDROOM & DEN . . . For \$28,000. In a great NW neighborhood. If needs a tender decorator touch to look its very best. Also offers nice eat in kitchen plus 1 1/2 baths all on a corner lot. (T2700) 533-1490

MOBILE HOME LOT — On water system, septic tank — corner lot in Moores Mill Heights. \$4,600 (RC2700) 533-1490.

PRICED FOR THE NEWLY WEBS, but large enough for a family. Three bedrooms, 2 baths, central heat & air, garage, fenced back yard, large eat in kitchen, newly wallpapered and experienced home in a subdivision that is growing rapidly! You can buy this BRICK RANCHER for \$29,500. (Y2508)

212 STONE ST. — Very clean and attractive 2 bedroom home. Large living room and large master bedroom, plus carpet, completely fenced. Total price \$17,900 — only \$4,700 equity, payments \$121.38. Good location to shopping, schools and churches. 533-1490.

2601 BARBARA DR. — Neat 2 bedroom Frame Home, all rooms large. Gas log fireplace in living room. Nice eat in kitchen, separate laundry. Huge den. Total price 19,500 Will trade. (B2601) 533-1490

2817 BARBARA DR. — Neat 2 bedroom frame home, across street from elementary school. Nice large kitchen. House is in excellent condition for age. Storm window outside storage. Total price 18,500 will trade. (E2817) 533-1490

2241 MEDARIS RD — Very sharp & attractive Brick Rancher. Nice living room & large eat-in kitchen, 3 bedrooms, carpet thru-out, carport. Total price 16,900 will trade. (M-2241) 533-1490

2411 MEDARIS — Brick Rancher large living room, eat-in kitchen, 3 bedrooms, carpet thru-out, carport — nice fenced yard. Total Price 16,900 will trade (M2411) 533-1490

4810 LUMARY — Nice Northwest Rancher Brick 3 bedroom den 1 1/2 bath, central heat & air, good grade of carpet thru-out. Good Basic Floor Plan nice fenced lot. Very clean and neat home Will trade. (L4810) 533-1490

4811 LUMARY — Nice Brick Rancher 3 bedrooms 1 1/2 bath, large kitchen, garage, attractive yard. Partially carpeted. Total Price 25,900 Will Trade. (L4811) 533-1490

413 EASTBROOK — Nice Brick Rancher - 3 bedrooms, huge kitchen with eat in area - 1 1/2 bath's, central heat & air. Nice den garage. Will be redecorated to suit purchaser. Total Price \$24,500 will trade. (E413) 533-1490

4609 BLUE HAVEN — Very attractive & clean brick rancher. 3 bedrooms, den, 1 1/2 baths, Central Heat & Air, Carpet thru-out - nice fenced yard. Priced to sell at 26,900 - Will trade. (BH4609) 533-1490

4731 CUTLER — A lot of house - Brick Rancher in good area - 3 bedroom plus den and garage - 1 1/2 baths, carpets except 1 br, central heat & air. Being completely redecorated. Total Price 27,500 Will Trade. (C4731) 533-1490.

6209 COLFAX — Brick Rancher walking distance to Johnson High. 3 bedrooms, 1 1/2 bath's, carpet. Being completely Redecorated. Total Price when completed 25,900 Will trade. (C6209) 533-1490.

2611 LANSDALE — Attractive brick rancher in great northwest neighborhood. 3 bedrooms and den, 1 1/2 baths, central heat & air, carpet through out, nice fenced yard. Total price \$26,900 will trade. (L2611) 533-1490

A THREE BEDROOM HOME in walking distance to the medical district, shopping & churches. Large kitchen, living room, and fenced yard. Some repair needed, but is in suitable living condition. Price is low 20's. (E2016) 533-1490

THIS AFFORDABLE HOME is priced at \$17,500.00 and the children can walk to elem. school. Two bedrooms, large living room, large eat in kitchen and den. All located on large lot. (SP 305) 533-1490.

OFFICE SPACE FOR LEASE

. . . We have excellent office space for lease on University Dr., Lily Flagg Rd. and other areas. Call for detailed information. 883-1200 or 533-1490

ACREAGE & LOTS

117 ACRES NEAR ONEONTA — plenty of road frontage. 25 acres in cultivation. Price \$44,000. Russell Price 1-547-7219. 883-1200

60 ACRES 12 miles west of Gadsden, fenced, paved frontage, good barn, owner financing at 8% simple interest. Price \$37,000. Russell Price 1-547-7219. 883-1200

ELK RIVER LOTS—198 ft. of frontage, wooded homesites, 2 lots for the price of one \$12,500. 883-1200

IN BIRMINGHAM AREA on golf course. Investment potential. \$11,400. 883-1200

ARMORE HWY.—3 1/2 acre lot located on Armore Highway, 10 miles North of City. Priced at \$9,000. 533-1490

67.4 ACRES TIMBERLAND—Curley \$200/acre.

5 ACRES—Bo Howard Rd. \$11,000. 883-1200

STATE LINE RD.—42.6 Acres level land, 50% wooded, 50% cleared and tillable \$46,700. 883-1200

5 ACRES—Kelly Spring Rd. \$11,000. 533-1490

2 ACRES—Lacey's Spring — Perfect for Mobile Home or Country cabin. 883-1200

MT. CHARRON ESTATES—Beautiful wooded building lot in pleasant surroundings. Next to corner on Vivian Dr. 166x50. Price \$6,250. 883-1200

20x250 FOOT LOT at end of Queens Place on Willena Drive in S.E. Huntsville, adjacent to Fox Run. Priced at \$13,500. 883-1200

29.5 ACRES—Telephone Tower Rd. — Brimrose — Beautiful building site bounded on 2 sides by road, fenced on other 2 sides. \$32,800. 883-1200

42 ACRES—34A productive pines. \$22,500, Cullman County. 883-1200

ARAB, AL. —Lots 4 and 5 Montdale Subdivision, \$1,200 ea. PINELAKE VILLAGE, ARAB — \$3,500 to \$9,000. 883-1200

ARAB —12th Avenue, N.W. — Just the place for country living in town. These three lots total 1.36 acres, with several nice home sites. \$400 for all three. 883-1200

ARAB—A real farmers farm (77.6 acres), plenty of level land for cultivation, some woods, water, just right for gentleman farmer. \$67,000. 883-1200

MOUNTAIN LAKE RESORT—Get away from town and enjoy the fresh air and sunshine on these lovely lots. 533-1490

MEADOWOOD SUBDIVISION—Three very nice wooded lots totaling over 2 acres. Septic tank and foundation included on one. All three can be yours for \$7100. 883-1200

FAGAN SPRINGS—414 Owens Dr. — large wooded gentle slope - price \$14,000. 883-1200

END OF CHAMBERS DR.—Large Northeast Huntsville lot. \$15,000. 883-1200

40 ACRES—Huskey Middle Mt. area. Highly wooded land, 15 min. from Huntsville, dirt road through property, great view. \$700 per acre. 533-1490

1603 GOVERNORS DR.—Excellent building lot in nice neighborhood in East Huntsville. 100'x220' sloping to rear. \$11,000. 883-1200

533 ACRES on Toney Dr. Prize residential property close to town. Tremendous view. 533-1490

FOR YOU COUNTRY BUFFS—3 to 4 acres available—City water, electricity, garbage pick up. Beautiful view — \$4,500 to \$6,000 will buy most beautiful sites in our area. South of Tennessee River Bridge. 883-1200

PRESTON ISLAND—1.24 acre wooded lot with 35' lake frontage. Great view of Guntersville Lake. 2 bedroom mobile home (12x55). total price \$15,000. 533-1490

DUG HILL ROAD AREA — 2.4 acre wooded building site on William Road Rd. \$8,500. 883-1200

CORNER WOOD LOT located at Rainbow Gap S/D. This 8 of an acre lot has city water. \$5,500. 533-1490.

MOBILE HOME LOT — One acre, Old Railroad Bed Road. Approx. 3 miles past Toney. Trees, level, city water. Total Price \$1,950. 883-1200.

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Walter Malone
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James D. Smith
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Donna S. Edmondson
Maint & Engr.
\$25.00



NAF PACT — MG George E. Turnmeyer and Raymond Swaim, president of Local 1858, AFGE, prepare to sign a new labor-management agreement covering approximately 250 non-

appropriated fund employees here. The contract, effective now and subject to renewal in two years, was signed last week in the presence of Union and Civilian Personnel officials.



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Salt Mines Proposed for Oil Reserves

A billion barrels of oil to be procured under the Strategic Petroleum Reserve Program will be stored in giant underground caverns hollowed out of rock salt formations.

The petroleum reserve buildup, announced last month by President Carter, is intended to diminish the nation's vulnerability to an interruption in the supply of crude oil and provide protection from economic stress an interruption could cause.

The first 10 million barrels will be purchased in July and August and stored in salt domes in the Gulf Coast area.

The program was described recently in the Defense Logistics Agency news.

Five hundred million barrels are expected to be in underground storage by 1980, according to the Defense Logistics Agency, which is procuring the oil as an agent for the Federal Energy Administration.

The salt walls of the storage caverns are so compact they can hold oil as securely as a cement-lined tank.

The use of salt domes for petroleum storage is new to the United States, but abandoned salt mines in Germany and France have been used that way for years.

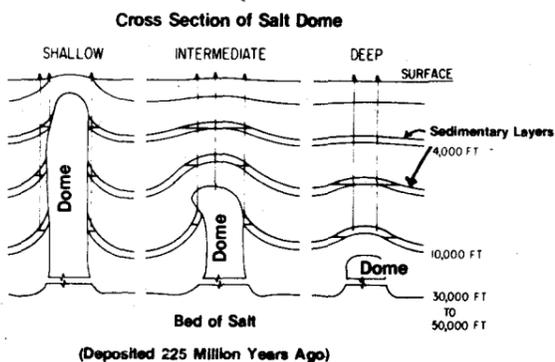
The underground salt caverns are formed by hollowing out the salt dome by pumping water in and back out in a process called brine leaching. Water readily dissolves the salt but oil doesn't react with it.

Three of four sites already selected for underground petroleum storage are former salt mines that were leached. The storage areas can be greatly enlarged by further leaching.

The fourth site is a mine created by blasting huge rooms and tunnels through a salt dome more than two miles in diameter.

Domes close to the Gulf of Mexico and pipelines and refineries were picked for the first oil purchased. Access to the sea is needed because much of the oil will be imported. It may be redistributed later by tankers to east coast refineries.

Salt dome storage has been used for

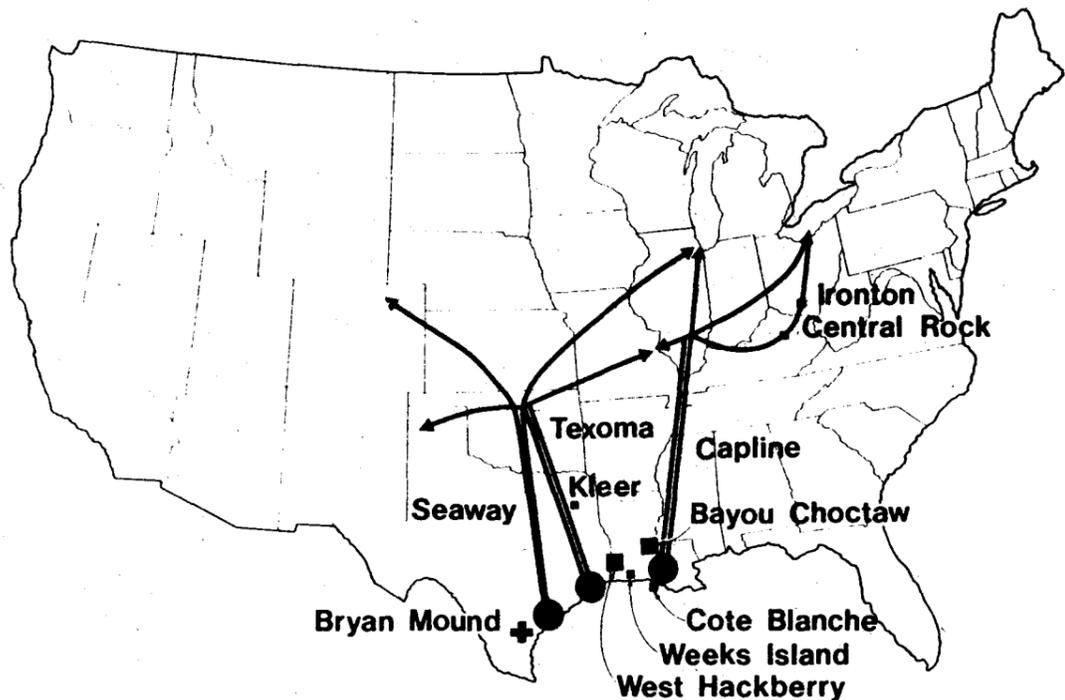


natural gas, butane and hydrocarbons, often in caverns leached specifically for storage.

The salt dome offers environmental safety. Rock salt is generally not affected by liquid and gas, and moves like plastic to seal incipient fractures. Salt and water will be refined from the crude oil before it is stored.

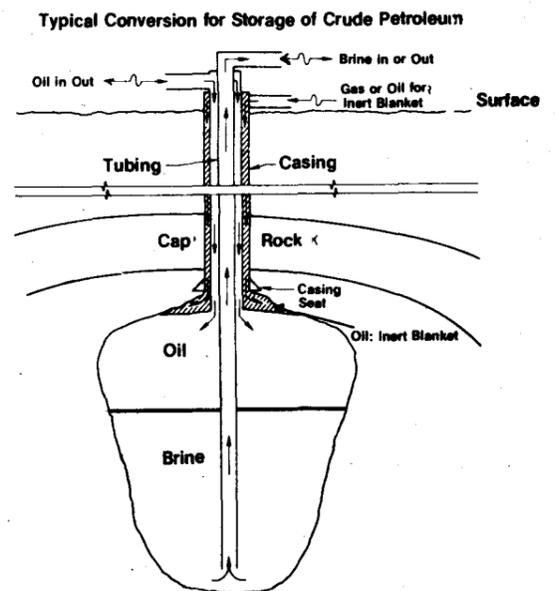
The domes are believed to have been formed more than 200 million years ago when an ocean dried up and left behind its salt. According to one theory, when volcanic activity and sedimentation piled thousands of feet of rock on the dry seabed, the salt gradually oozed toward the surface through weak spots in the layers above.

The \$1 to \$2 per barrel cost of creating storage in salt domes is cheaper than for other storage methods considered such as moored tankers or giant oil bladders anchored to the ocean floor, according to the Federal Energy Administration.



SALT DOME OIL STORAGE SITES. Squares indicate existing mine caverns being considered for the Strategic Petroleum Reserve Program and the cross marks a salt dome which could be leached for storage. Circles show locations of port facilities with their pipeline connections.

If a full cross section were shown, the domes, which are extremely deep and narrow, would be shaped more like pencils.



Storage cavity created in salt domes

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CHAMPUS — Your Part

Editor's Note: The new CHAMPUS reg, according to DoD officials eliminates inequities and will simplify CHAMPUS interpretation for beneficiaries, claim processors, and for the government. As a service to Army editors, ARNEWS is serializing an account of some of the benefits, eligibility and the appeals procedure in the new reg, along with the responsibilities of the beneficiary. These CHAMPUS articles are adapted from the Retired Army Bulletin.

An outpatient deductible is the amount a beneficiary must pay each fiscal year before CHAMPUS assistance is available for outpatient expenses. The deductible is the first \$50 of authorized outpatient expenses in a fiscal year. For a family of two or more beneficiaries filing claims, the maximum deductible in a fiscal year is \$100 collectively.

A beneficiary's financial responsibility falls into four categories:

- o The annual fiscal year outpatient deductible
- o Inpatient and outpatient cost shares
- o Responsibility for amounts above the amount that CHAMPUS determines to be an allowable charge
- o Responsibility for services and supplies that are not covered by CHAMPUS.

Generally, CHAMPUS considers care as being provided on an inpatient basis when a beneficiary is admitted to a hospital or similar medical facility and can be expected to stay there for at least 24 hours. All other care, except maternity care, is considered as being provided on an outpatient basis.

Outpatient Cost Sharing

For outpatient care received by the spouse or child of Servicemembers, CHAMPUS pays 75 percent of the allowable charges after the outpatient deductible has been met.

Inpatient Cost Sharing

For retired Servicemembers, spouses and children of active and retired Servicemembers, surviving spouses and children of deceased active duty Servicemembers, and surviving spouses and children of deceased retired Servicemembers, CHAMPUS pays 75 percent of allowable professional fees and allowable hospital charges for inpatient care. There is no deductible for inpatient care.

CHAMPUS sets an allowable charge for almost every service beneficiaries receive from individual providers such as physicians. An allowable charge is set by geographic area and consequently, is not the same for all areas.

Three factors are considered in setting an allowable charge: the actual billed charge, the usual charge of a billing provider, and the usual charge for the same care in the geographic area.

The lowest of these is the allowable charge. Usual and prevailing charges are based on actual bills recorded during the calendar year previous to the date on which a particular allowable charge is put into effect. The last set of allowable charges went into effect on July 1, 1976, and it is expected that a new set will go into effect on July 1, 1977.

The allowable charge includes both the beneficiary's share and the Government's share.

An individual provider may choose not to accept payment of the allowable charge as payment in full. When this happens, the beneficiary can find another provider. Or, the beneficiary can use that provider with the understanding that he or she—the beneficiary—is responsible not only for his or her share of the allowable charge but also is responsible for any difference between the allowable charge and the actual billed charge.

Beneficiaries are responsible for all costs incurred for services and supplies that are not included as part of the CHAMPUS benefits package.



ARMY AWARD — Harry D. Patterson, employed by MIRCOC's Procurement and Production Directorate, has received the Army's Meritorious Civilian Service Award. MG George E. Turnmeyer presented the award last week. Patterson was cited for outstanding contributions to P&P's automated data programs.

Yards of Month

Five military families have been recognized for having the best-kept yards for the month of July.

Three-time winners Major and Mrs. Olen C. Phipps Jr., 40 Ripley Drive, received the yard of the month award in the officer single unit category, while Captain and Mrs. Michael E. Wethington, 256B Wesson Circle, won the award for best officer multi-unit yard.

Enlisted winners were Sergeant First Class and Mrs. James B. Cravens, 1108 Benet Circle, single unit; and Specialist 4 and Mrs. Roger G. Abdon, 1403 Spartan Plaza and Staff Sergeant and Mrs. Dennis E. Vaughn, 1403C Spartan Plaza, multi-unit.



PROMOTED — Phillip W. Williams, coordinator for the R&D Command, has been promoted to Lieutenant Colonel. Colonel Michael Dooley, MIRADCOM Chief of Staff, pinned on the new leaves last week with assistance from Mrs. Williams. The new colonel is leaving Redstone next month for a new assignment as a TRADOC liaison officer to the United Kingdom.

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COMPARATIVE BALANCE SHEET

June 30, 1977 — June 30, 1976

	1977	1976
Assets		
Loans	\$ 62,089,047	\$ 48,430,981
Allowance for Loan Losses	(224,374)	(203,881)
Cash	1,441,206	1,001,455
Investments	46,960,006	47,595,192
Furniture, Fixtures & Equipment (Net)	627,523	550,864
Land, Building & Improvements (Net)	3,540,042	2,905,832
Prepaid Expenses	82,523	100,709
Other Assets	1,087,252	1,870,405
TOTAL	\$115,603,225	\$102,251,557
Liabilities and Equity		
Accounts Payable	\$ 83,255	\$ 79,350
Notes Payable	-0-	4,046,500
Taxes Payable	10,128	7,580
Dividends Payable*	1,568,801	1,392,894
Other Liabilities	64,235	111,644
Shares	109,653,232	93,251,552
Reserves	4,213,574	3,352,037
Undivided Earnings	10,000	10,000
TOTAL	\$115,603,225	\$102,251,557

*A quarterly dividend of 6.25% per annum was payable to members' shares accounts as of July 1, 1977.

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MAIN OFFICE

220 Wynn Drive
 Telephone 837-6110
 Monday-Friday, 9 a.m. to 4 p.m.

DRIVE-IN TELLER

Monday-Friday, 9 a.m. to 6 p.m.

THE MALL BRANCH OFFICE

The Mall, North Memorial Parkway
 Telephone 539-4168
 Monday-Friday, 10 a.m. to 8 p.m.
 Saturdays, 9 a.m. to 5 p.m.

HAYSLAND SQUARE BRANCH OFFICE

Haysland Square Shopping Center
 South Memorial Parkway
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 Monday-Friday, 10 a.m. to 6 p.m.

BUILDING 3649 BRANCH OFFICE

Redstone Arsenal
 Telephone 881-0534
 Monday-Friday, 9 a.m. to 4 p.m.

BUILDING 4200 BRANCH OFFICE

Marshall Space Flight Center
 Telephone 881-7724
 Monday-Friday, 9 a.m. to 4 p.m.

PARKWAY CITY MALL BRANCH OFFICE

Parkway City Mall
 South Memorial Parkway
 Telephone 539-0758
 Monday-Friday, 10 a.m. to 8 p.m.
 Saturdays, 9 a.m. to 5 p.m.

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MIKITISH

Three MICOM employees were presented their certificates and pins for 35 years federal service recently, and ten received certificates and pins for 30 years service. In addition, at the same ceremony, nine individuals were awarded certificates for 2,000 hours of sick leave.

John G. Mikitish from Civilian Personnel, Walter B. Thomas, RASA, and Hugh L. Wright, Maintenance, were recipients of the 35 year awards.

Thirty year awards went to Vernon Benson and Willis M. Roberts, Maintenance; Norman Q. Frederick, Chaparral-FAAR; Frank T. Wright, Procurement and Production; Dean W. Popkins, Management Information Systems; Johnnie L. Gates, Melvin R. Hunter, James Kelley, and Wallace R. Phillips, RASA; and Cortes Shepherd, Public Affairs.

Sick leave certificates were awarded to Lynn G. Barnes, Management Information Systems; Paul L. Barney, Jessie A. Brown, and Willis M. Roberts, Maintenance; Beamon E. Gibson, Willie S. Long and William E. Towry, RASA; Norma M. Street, Materiel Management; and LeRoy S. McKown, Dragon.

The awards were presented by BG David E. Watts, MIRCUM Deputy Commander, who said that those who have been in service 30 or 35 years have seen one of the most dynamic periods in the nation's history when technology exploded with advancements. "You've played a big part in history," the General said. "We're proud of you."



WRIGHT



People Problems — Our Only Business

"An organization works more efficiently when there is concern for people," says Ed McDermott, program administrator for the Human Resources Development Center here.

Formerly known as the Drug and Alcohol Abuse Center, the new name came about in April with the blessing of the Alcohol, Drug Dependency Intervention Council.

McDermott said that it would also open and encompass a larger and broader based program. "We have an MD psychiatrist on the staff, as well as four psychological technicians (counselors) and a clinical psychologist. Most clients are alcohol or drug oriented people and we attempt to use treatment that the patient will respond to. We also refer some patients to Alcoholics Anonymous and Emotions Anonymous."

Treatment of the patients differ. Treatment begins after a person has obtained a psychological evaluation from one of the counselors.

Transactional Analysis, group therapy, and one to one counseling sessions are part of the help the Human Resources staff give to those who have problems.

"The counseling sessions are set up at the counselor's discretion," explained McDermott. "We attempt to get people to deal with themselves realistically, and feel better about themselves. We find that most people coming in here with problems have very negative feelings about themselves."

McDermott says that in many instances the problems stem from people who have not grown up—just gotten taller.

"We're dealing with people problems, so we are no different than private industry. In order to achieve full productivity, then you need to deal with people problems."

"In the past, if a person had problems, they either kicked him out, hid him under the rug, or transferred him. Now we can do something to help him."

McDermott stated that some of the biggest problems with use of alcohol and drugs among young soldiers results from a lack of knowledge of what to expect in the outside world once they leave school and home.

"Society hasn't prepared young people on

what to expect in the outside world. When they come into the Army, they are often disillusioned and come across situations and problems they've never faced before. Faced with these situations, they seek a means of escape through the use of alcohol and drugs," continued McDermott. "Here is where we step in and help them get back in touch with reality."

McDermott describes the goal of the Human Resource Office this way, "Our goal is to make the person goal oriented without the use of chemicals and return him to the job as a full and productive individual."

Viper Evaluation Starts Next Fall

(ARNEWS) — As the European population continues to grow, urban areas which could be potential battlefields of the future are becoming more densely populated. DA officials have been following European urban expansion trends and have made allowances for population impact in research and development programs, training plans and doctrine development.

Several programs for test and evaluation of antitank weapons have been initiated for Military Operations in Built-up Areas.

The Army and Marine Corps are evaluating a new shoulder-launched multipurpose assault weapon for MOBA targets and have scheduled evaluation of the VIPER light antitank-assault weapon next fall.

Both USAREUR and FORSCOM have requested funds for FY 78 to support MOBA training and are coordinating with the Federal Republic of Germany on joint MOBA operations concepts. The use of tanks and armored vehicles in both offensive and defensive roles will be an integral part of the MOBA training.

TRADOC has been given the job of submitting an overall plan assessing the Army's MOBA capability and recommending specific improvements needed to meet present and future needs.

Doctor Situation Will Improve Soon

(AFPS) — Despite the shortage of military physicians, adequate medical care will continue to be available to all military families either through direct care from military medical facilities or through the Civilian Health and Medical Program of the Uniformed Services.

Dr. Robert N. Smith, Assistant Secretary of Defense for Health Affairs, voiced this reassurance during a recent interview for American Forces Radio and Television Service. His remarks were particularly aimed at allaying fears that medical care for dependents and retirees would suffer as a result of the shortage which numbered about 709 physicians at the end of March and is expected to reach 900 by September.

Dr. Smith cautioned that medical care received during the physician shortage will not be without some inconveniences. There will be longer waiting times through the direct care system and additional costs for those who use CHAMPUS, he said.

Critical Months Ahead

The shortage of military physicians will be particularly critical during the summer months when about one quarter of the physicians will be changing station or getting out of the Service, Dr. Smith warned.

"The situation will improve noticeably in the Fall when people are on station again," he said.

Long-Term Outlook

Dr. Smith predicted a marked improvement in the situation by the early 1980's, except for certain medical specialties. He voiced optimism about anticipated results from two relatively new Department of Defense programs specifically designed to supply physicians for the Armed Forces—the medical scholarship program and the University of the Health Sciences. These programs will not produce results, however, until the early 1980's because "it takes five to seven years to produce a doctor," Dr. Smith noted.

In tracing the origin of the military physician shortage, Dr. Smith explained that up until 1973, the Defense Department could depend on the draft to bring in sufficient doctors.

"Suddenly this changed when the draft was removed," Dr. Smith said. "If we had known in 1969 that the draft would end in 1973, we would have made our plans to develop our own sources, but that wasn't possible. So now we are going through this phase where the draft is gone but we haven't gotten our physicians in any numbers out of the programs which we've set up to supply physicians for the Armed Forces."

Other Steps

Dr. Smith also outlined several other steps being taken to help solve the shortage of military physicians and alleviate the difficulties created by the shortage. These include:

- hiring civilian physicians to provide care in Service hospitals and clinics—currently the Services are authorized about 750 civilian physicians and 685 are on board;
- enlisting the aid of the American Medical Association and specialty societies in the effort to recruit physicians;
- sharing facilities among the Services and carrying out common tasks; and
- regionalizing the direct care system to provide a system of care from primary to secondary to tertiary hospitals, which will result in better utilization of personnel and facilities.

Minefield Won't Stand a Chance

Sitting in the cavernous bay of McMorrow Laboratories, the 30-tube rocket launcher resembles a giant honeycomb with soldiers and civilians swarming over and around it like a hive of bees.

The system is SLUFAE (Surface Launched Unit, Fuel Air Explosive), being developed by the Army and Navy to take the sting out of enemy minefields.

Slowly, systematically, the men remove the launcher from its base and strip the equipment bolt by bolt, piece by piece...drive gear...clutch...motors...actuators...fire control units. Soon the floor is covered with bits and pieces.

When it's completely dismantled, they begin to fit the pieces together, meticulously, until the launcher assumes its original shape.

Approximately 75 men have just concluded a week at Redstone dismantling and rebuilding the SLUFAE to verify and certify operation and maintenance manuals. They tore it down and put it back together by the book, just like soldiers in the field will do.

Climaxing their training here, they fired 10 rounds at Redstone Thursday demonstrating that they did the job correctly.

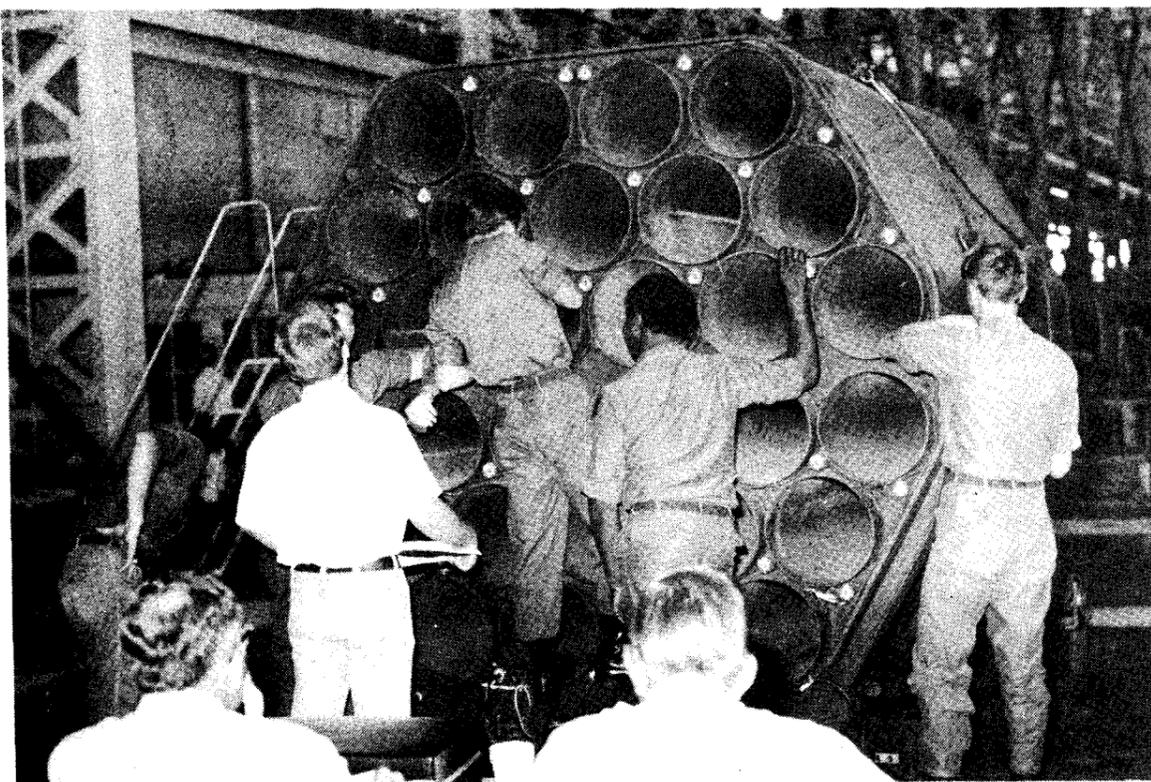
Later, these same men will participate in SLUFAE testing and training.

SLUFAE, being developed as a quick response, all weather, day or night system, consists of a 30-tube armored launcher mounted on the M548 tracked vehicle. It fires a fuel air explosive warhead that can breach minefields from defilade or concealed positions at distances up to 1,000 meters.

MIRADCOM is developing the launcher, shipping container and fire control equipment. After initial deployment, production responsibility will be turned over to MIRCOC's Special Systems Management Office.

Fuel Air explosive munitions employ foliage discriminating fuzes that actuate on target contact and disperse highly volatile liquid chemicals into aerosol clouds. Subsequent detonation of the clouds produces an overpressure that neutralizes or detonates landmines and explosive booby traps.

The launcher can fire single rounds or ripple fire all or any selected number of the 30 rounds.



... Soldiers tear down SLUFAE in training at Redstone ...

The Mobility Equipment Research and Development Command at Fort Belvoir, Va., currently manages the program and Naval Weapons Center at China Lake, Calif., is developing the rocket motor and round.

Among participants with MIRADCOM and MIRCOC were the Test and Evaluation Command, Missile and Munitions Center and School, MERADCOM, Anniston Army Depot, Armor School, Logistics Command,

Army Engineering School.

MIRCOC's Maintenance Directorate furnished the SLUFAE manuals and directed the dismantling and rebuilding of equipment with technical assistance from MIRADCOM's Ground Equipment and Missile Structures Directorate.

The Army is preparing to enter Development and Operational Tests with SLUFAE to thoroughly check out the system before going into production.

Family of Engineer Equipment

WASHINGTON (ARRNEWS) — An entire "family" of engineer construction equipment will start government prototype qualification tests this summer at Ft. Belvoir, Va. Called the Family of Military Engineer Construction Equipment (FAMECE), the equipment is eventually slated to replace many pieces of construction equipment presently in the Army inventory.

The "family" was designed and developed by the Clark Equipment Company of Benton Harbor, Mich., to increase the capabilities of airmobile, airborne and other combat engineer units.

The "family" consists of a common power section which may be coupled with any of eight working sections. The working sections are designed to perform as dozers, loaders, dumpers, distributors, graders, scrapers, and two compactors.

The FAMECE vehicles are self-propelled and have a road speed in excess of 30 m.p.h. for convoy movement.

The equipment was designed to weight and size standards which will permit transportation in and parachuting from Air Force C-130 transports. Sections of the equipment can be lifted by medium-lift helicopters.

Testing of the "family" will be conducted by the U.S. Army Mobility Equipment Research and Development Command (MERADCOM), at an 820-acre test facility at Ft. Belvoir. The facility has outdoor test ranges and vehicle design test courses.

In addition to the regular vehicle test loops, an abandoned quarry at the site will provide an opportunity to test the ruggedness and cross-country suitability of FAMECE, according to MERADCOM officials.

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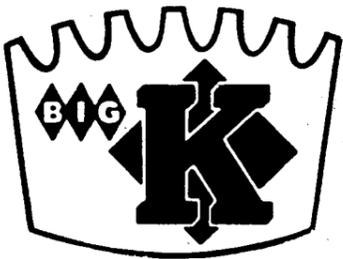
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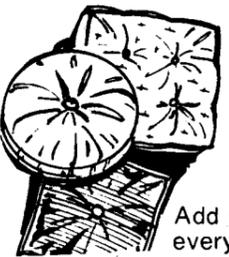
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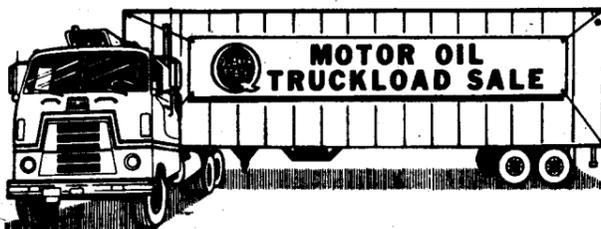


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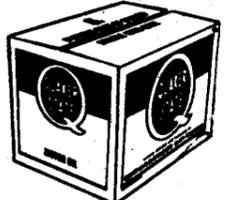
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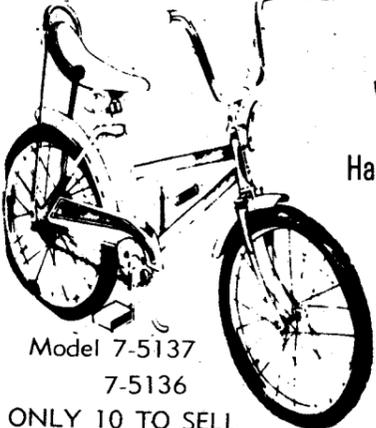
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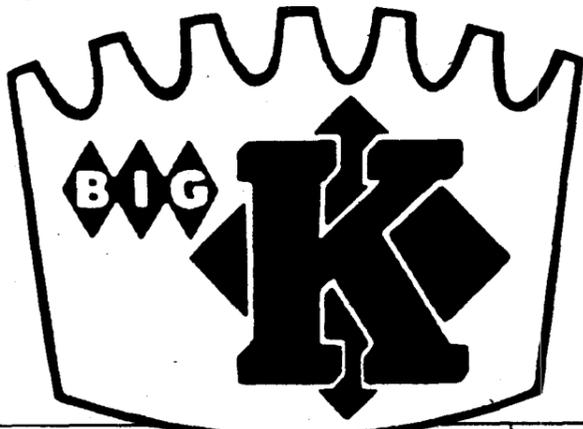



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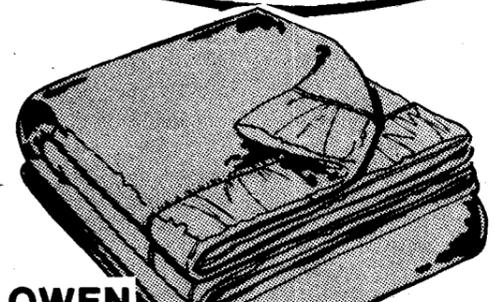




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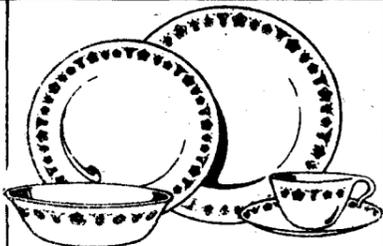
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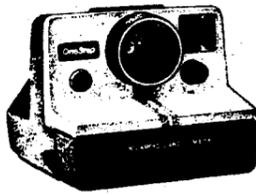
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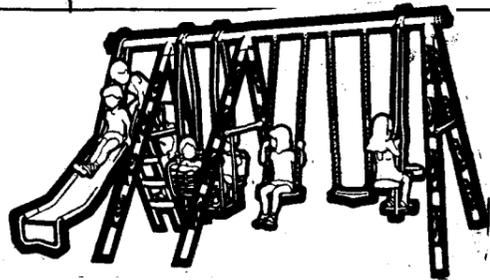
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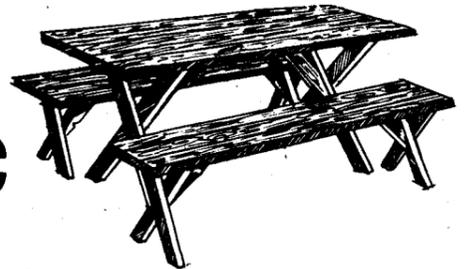
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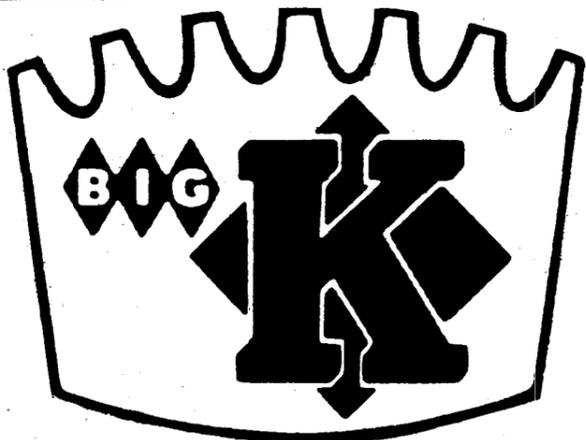
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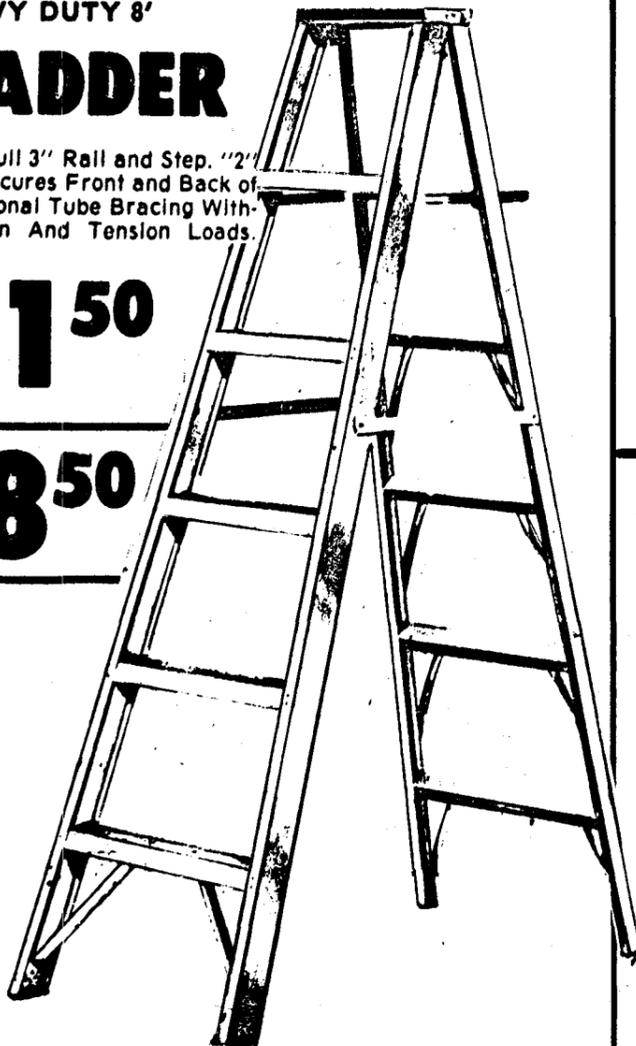
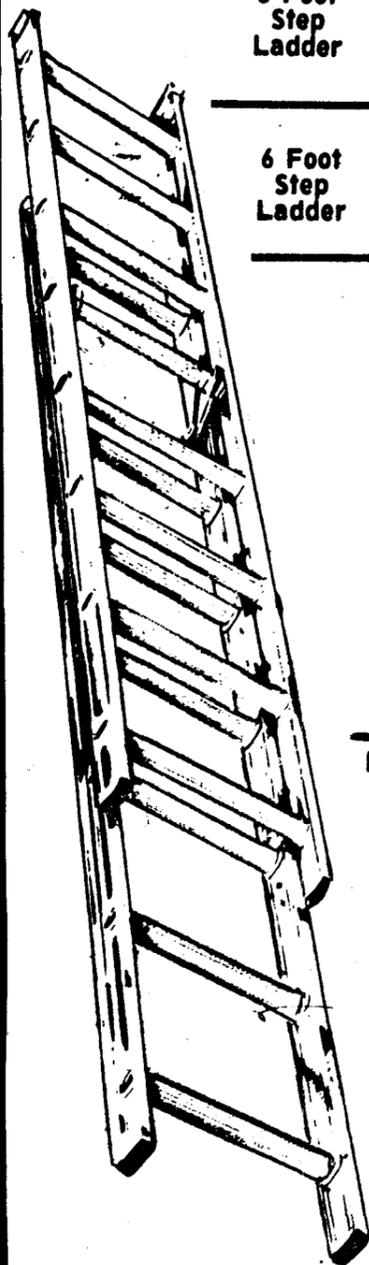
Heavy Duty Spreaders. Full 3" Rail and Step. "2" Bar Horizontal Support Secures Front and Back of Rail - Resists Twist. Diagonal Tube Bracing Withstands Both Compression And Tension Loads. Model 806A.

8 Foot Step Ladder

31⁵⁰

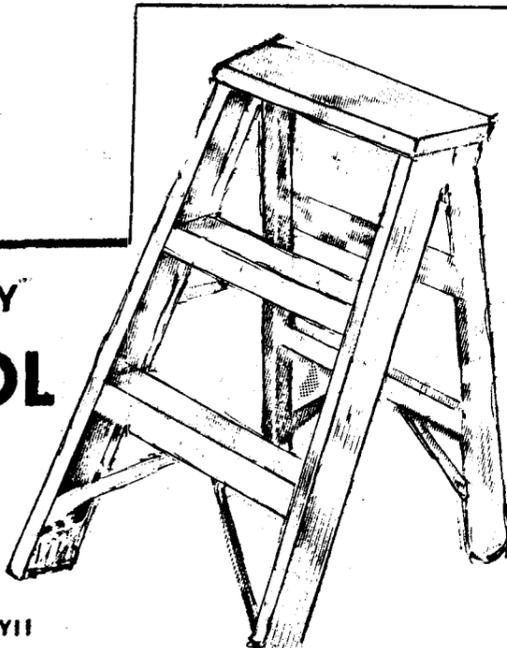
6 Foot Step Ladder

18⁵⁰



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This 16 Foot Ladder Will Reach For Roof Repairs, Guttering, Painting In All Those High Up Places. Lightweight But Strong And Safe. 2 1/2" Modified I Beam Rail Red Line. Full Single Interlock. Model 2116.



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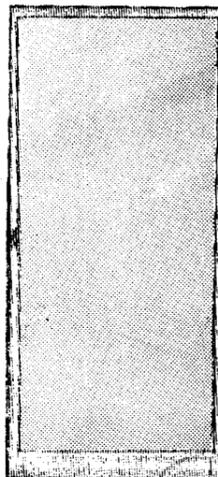


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A replacement patio screen door expands or retracts to fit all standard height sliding door openings. Great for the "do it yourself" market. Complete with all necessary hardware.

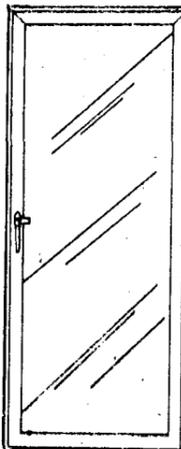
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All Extruded Aluminum Construction For Greater Strength, Marine Glazed With Tempered Safety Glass. Full-Pile Weatherstripping For Added Protection And All Hardware Included. Electrostat Finish. All Standard Size Doors Available. Model 88T

Right or Left Hand Hinge
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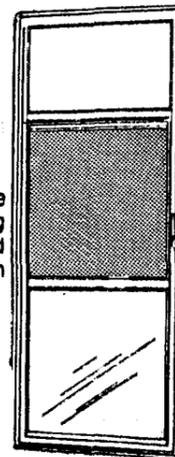


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Pre-hung Installs In Minutes. Complete With All Hardware. Movable Self-Storing Panel To Slide Up Or Down For Desired Ventilation. All Extruded Construction For Greater Strength. Model No. 22.

Fits 30"x81" - 32"x81" - 36"x81"
Right or Left Hand Hinge

31⁵⁰



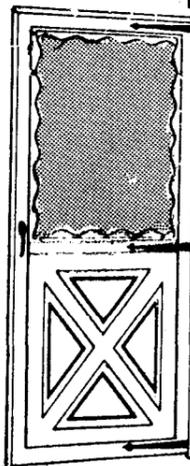
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Right or Left Hand Hinge

39⁵⁰



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WASHINGTON (ARNEWS) — Without good NCOs the Army would fall apart. Making sure the "Best of the Best" would have the opportunity to become better, the Army set up the Sergeants Major Academy. One of the individuals who led the drive for the Academy was the Sergeant Major of the Army, William G. Bainbridge. He discussed it in a recent interview with Army News Features.

ARNEWS: Sergeant Major what is the Sergeants Major Academy?

Bainbridge: The capstone of the NCO educational system—the final school in the formal development of the NCO. The Academy takes a good NCO and provides the final touch of polish. It is not pointed toward any particular MOS or career management field. It takes the top of the enlisted grade—those men capable of taking any future assignment in any portion of the defense establishment.

ARNEWS: How does the Academy take a qualified NCO and make him better qualified?

Bainbridge: There isn't any question that he and she will come out better qualified. The NCOs are able to put aside the everyday business of running the Army and think about where they have been, how they got there, and where they want to go. The interrelationships between the individual and the other people in the class make for a better NCO . . . Because we use the small group instruction method, people can interact. It is the group that works out the problem. We achieve the very best communication in these small groups because the individuals come to know each other very well. They know how individuals will react to certain things—what their thoughts are—who will talk and who they will want to draw out.

ARNEWS: Do you think that today's NCOs can get the same thing in the field that they get at the Academy?

Bainbridge: No. Not to the same degree. The NCO can do almost the same thing with the non-resident course, but again, to be able to sit down and discuss the problems on a face-to-face base is invaluable. One aspect of the Academy is the Commander-Command Sergeants Major Seminar. Commanders from all levels join their Sergeants Major and the Academy students for this group interchange. This is not restricted to the ACTIVE Army but includes the Army Reserve and National Guard as well.

ARNEWS: Who do you think should attend the Academy?

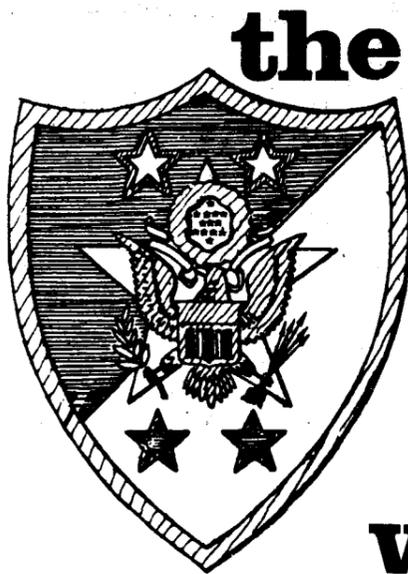
Bainbridge: When the Academy first started, the man or woman to attend was a Master Sergeant with less than 23 years of service. It was set up so that the student didn't have less than 15 years and we now look at any Master Sergeant with one year's time in grade when the selection board meets. These individuals have a chance to establish a record and we are probably going to look at them three or four times now. I might add that we have non-resident course waivers from SGM and CCSM with more than 23 years time in service.

ARNEWS: What about the non-resident course?

Bainbridge: A SFC on a promotion list is authorized to apply for the non-resident course. The soldier can apply now and if he is selected he can work on the non-resident course for two years and could actually be a graduate of the Academy before being eligible to attend the resident course. It will be to the advantage of the soldier and the Army because here you have a person who just made Master Sergeant and he already has the Academy experience behind him.

ARNEWS: Do the non-resident students work at their own rate or must they complete the course in a specified period?

Bainbridge: The course has several phases and each phase must be completed



the Sergeants Major Academy interview with the SMA

on a schedule, just as the resident course. The non-resident course it takes longer. The non-resident course has the same credits as the resident course. An NCO accepted for the non-resident course is no longer eligible for the resident course. The same emphasis is placed on both — it is not necessary to take the same course twice. We tell the soldier that both courses are equal and we prove it by giving each course equal credit. There will be no differentiation between the two courses. The diploma will be the same with the exception of the dates attended and the entry on the personnel file will be the same. I have a special feeling for soldiers who tackle the non-resident course and still do their job as it should be done — these are exceptional soldiers. The non-resident course is not just checking the blocks; the student has to write, to think, talk with the instructor on the phone — in some ways it is more demanding than the resident course.

ARNEWS: Are the instructors NCO's or officers, or both?

Bainbridge: From the beginning we used NCO's and officers. We have tried different mixes of officers and NCOs. The instructor is not an instructor in the true sense of the word. He is a facilitator — a faculty group member — a person who becomes involved with the group and keeps it on the right track and insures that the lesson objectives are met. For the last three years the Academy has been using only NCOs in the grade of Sergeant Major as faculty group members.

ARNEWS: Is it the mission of the Academy to instill pride in the students?

Bainbridge: No. The men and women who apply to the academy have pride or they wouldn't apply. The biggest single thing that the student gets out of the Academy is the knowledge that he or she has to go on and do a job, an important job. They come out so charged up that they aren't even

making tracks. We started the first class in January 1973, with two classes a year. The Academy has probably come further, faster, than any other school in the system. The reason for this, I feel, is twofold: First we accepted constructive criticism. It wasn't change just for the sake of change — but if it was good for the students, we changed. Second, the quality of the students and their desire to improve the course was so tremendous that the program continued to develop, and get better.

ARNEWS: Is there anything else that you would like to add?

Bainbridge: If you apply for the non-resident course, be sure you know what you are doing. Don't apply and drop out. If you are selected for either of the courses, complete it. If you are selected for the resident course, do everything possible to get there. If there is any indication that something is going to come up saying that you can't go, there is a way that you can be deferred from one class to the next. Use that option; don't just say "I won't go." The Army has looked hard and long in making the decision for you to attend. You owe it to yourself and the Army to go. It is not only an honor to attend the Academy but a responsibility as well.

If you have a family, take the family with you. There are quarters waiting. Do everything you can to get the family with you — That family gives you support. The wives and families will also profit from the extensive program that has been created for them. There are fewer worries for the student if the family is near. I can't emphasize that enough.

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TROOP TALK

What would you suggest as a replacement for the men's service cap which is being discontinued?



PVT. George Spurling, 8th S.C.—
 "I don't really like the hat, but I don't think there's too much you can replace it with that would be any better. I'd say a beret but the beret is a special hat to distinguish airborne and you wouldn't be able to take that away from them."



PFC Darlene Tripp, Meddac—"It seems kind of strange, because they're phasing out the women's garrison hat and leaving the men with only that. I think they ought to replace it with something, maybe a beret. They should at least be uniform for both the men and the women and be issued items."



SFC Eddie Brush, Co. B—"I wouldn't replace it. I wouldn't discontinue it either. I think it looks better than the garrison hat, it's more dressy."



Staff Sgt. Joseph Pruitt, Co. A—"I don't think we need a replacement. The overseas cap is quite adequate. I never liked the other hat anyway. Sooner or later I hope the Army goes to optional headwear anyway."



Spec. 5 Roy Trent, Co. A—"I wouldn't suggest a replacement for it, well come to think of it, maybe a beret. It would be easier to carry, you could fold it, where with the service cap you can't."



Spec. 4 Fulton Sublett, 7th S.C.—
 "I would just use the garrison hat. I hate the service cap anyway. It's just a pain in the butt."



Pvt. Charles Woods, 8th S.C.—
 "I've never really thought about it, but I don't see anything wrong with the garrison hat. I'd rather wear the garrison hat anyway. It's easier to carry."



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FAYETTEVILLE — Only 4 years old and it looks brand new. This beautiful three bedroom home features a huge master bedroom, rec. room, formal dining room, and central heat and air, all for only \$18,900.

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NW HOME ONLY \$27,500.00 — This beautiful new home has 1600 sq. ft. of floor space, three bedrooms (14x22, 12x22, 11x10), 1 1/2 baths, combination LR/DR, large eat-in kitchen and features deep pile carpet throughout and is priced at only 27,500.00. Located approximately 22 miles from Huntsville. Call for complete details.

810 SIERRA VISTA DR. -- GREAT LISTING IN MADISON — Yes! Great room, fireplace, 2 vanity baths, large master bedroom, immaculate condition, drapes remain, pantry, inside utility, double garage and low equity. Priced in 40's. MADISON. Directions: West on old Madison Pike, North on Sierra Vista.

CUSTOM BUILT, SIX BEDROOMS — Jones Valley, 30 1/2 x 15 1/2' rec room with wetbar, large den with fireplace and paneled den.

SOLID CYPRESS PLANKS, formal dining room and breakfast room, large kitchen and work size laundry room with deep sink, plus a 20'x20' screened covered deck, storm windows, air filter and humidifier. A truly immaculate executive home priced in the low \$80's. Fast on Drake, across Garth, turn right on Dobbs, D-4022.

BASEMENT/HUNTS COVE — Directions: North on Garth Rd., last left. This all brick 3 bedroom rancher features a master suite, two fireplaces (one in den and the other in rec room), a beautiful redwood deck complete with tree in the middle. In fact, this home has EVERYTHING that you have come to expect in the BEST Home plus a little more. 106,000. BC-1008.

WHAT ELSE do you want? A spacious home in a beautiful neighborhood. This well cared for home has 4 bedrooms, 2 1/2 baths, a study, den with a fireplace, a huge patio and lots of extras. You must see this home. Priced in the mid 50's. D11303.

FAGAN SPRINGS—713 CLEERMONT — A huge living room with REAL FIREPLACE and bookshelves plus a huge country sized kitchen and a double rear entry garage make this home a must to be seen, priced in the low low \$40's. Directions: California, to Hermitage, left on Cleermont.

FAMILY FUN — Tennis, swimming, community parties—fun for the whole family right in the neighborhood only 2 blocks away. This lovely brick home is in the good school district. Special interest in this home is the roomy kitchen, breakfast room and den area opening onto a private fenced patio. Double car garage and fenced back yard. Priced low \$40's. C-2503.

SHOW OFF — This custom built rancher is less than one year old. It has so many extras we call it the show off. To name a few: automatic garage door; humidifier; huge kitchen with work island, trash compactor, pantry, broom closet and 35 cabinets and 11 drawers. Reasonable equity on new convention loan. W-2605.

\$10,900 — Two bedroom frame home with TWO fireplaces, central gas heat and carpeted throughout. A real bargain that must be seen. S-2020.

NEW GREAT ROOM plus an entry foyer, three nice bedrooms, two of which have large walk-in closets, and two full baths, single garage and a private fence on a quiet circle. Priced at \$29,900. 4061 S.

3915 PICKETT DR., SW — DIRECTIONS: South on Triana, right on Village, left on McCalley, right on Conger and right on Pickett. OWNER TO PAY CLOSING on this beautiful four bedroom home. It even has two full baths, central heat and air, plus a storm shelter and priced in the 30's. Call today and see this exceptional value before someone steals it.

GREAT SCHOOLS, GREAT NEIGHBORHOOD, GREAT HOME, GREAT PRICE — This 3 BR Rancher has 2 Baths, den, inside laundry and central air and heat. Located in Grissom School District. Priced in high 30's.

NEW LISTING, AL, CHARRON — Less than a year old and loaded with extras, leaded glass windows, a huge den with real stone fireplace, all four bedrooms are large with the master bedroom suit incredibly impressive, huge foyer and all the extras. Conservatively priced in the upper 60's.

BREAK THE SUMMER HEAT WAVE — Enjoy the comforts of an air conditioned home and a refreshing dip in a SWIMMING POOL that is landscaped for privacy. Prepare gourmet dinners in the Micro Wave or simmer a stew the old fashion way in a kitchen that is squeaky clean. We are proud to offer a home that has so much space and in such excellent condition. \$40's. Call for details. B2809.

COUNTRY LIVING — And the life is easy in this reasonably priced three bedroom home with it's single garage and about an acre of land — all for only \$21,000.

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POTENTIAL LARGE OFFICE COMPLEX — Or retail outlet, private school, CHURCH, over 5,000 sq. ft. of floor space, in excellent condition. Ideally located and priced in the 90's. Call for further details.

PRIME INVESTMENT PROPERTY — High traffic volume makes this location a super for commercial investment property for an office building, convenience store, gas station, restaurant or other commercial application. Call for complete details.

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NEW PRICE, SOUTH PARKWAY — Two commercial buildings, totaling approximately 3600 sq. ft. with 105 front feet, all for only \$55,500.

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HUNT'S COVE	\$19,000 to \$24,900
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CAVE STRELL, 2 Lots for	\$5,572
NEW HOPE, Richmond Acres	\$2,000 to \$3,100



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Closure Study Underway

WASHINGTON — The Army said Thursday that it was continuing to study possible base closings but refused to release details on the installations being looked at.

News reports earlier in the week had included such familiar names as Ft. Dix, Ft. McPherson and The Presidio but the Army declined comment.

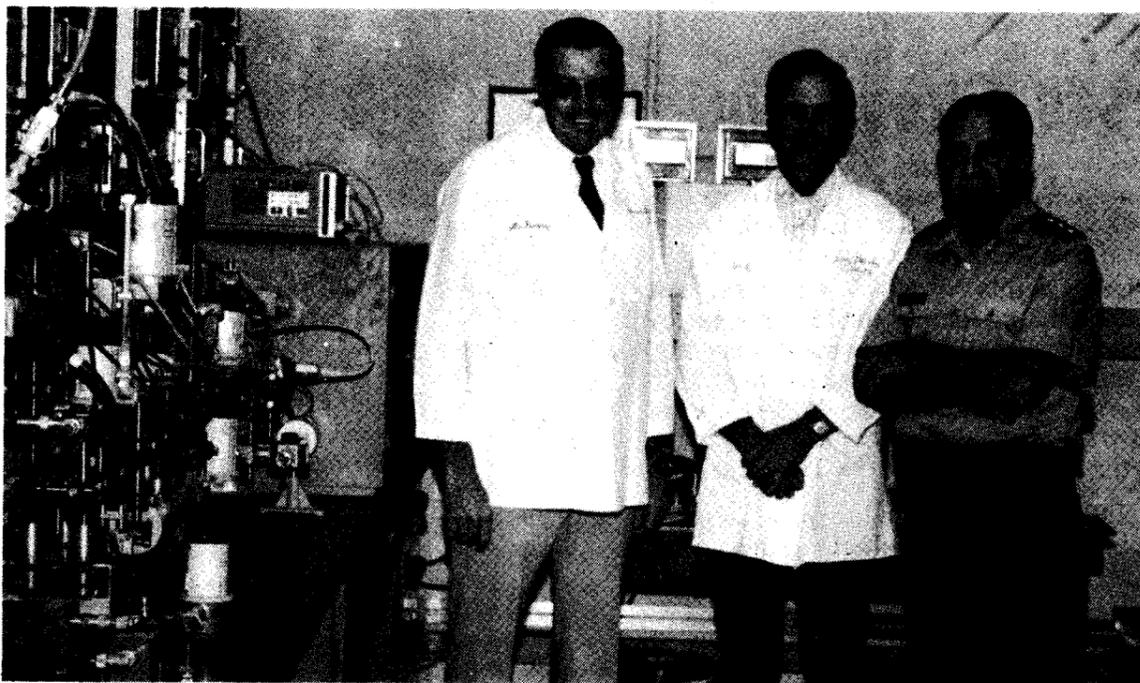
Text of the Army statement released to the press Thursday in response to queries follows:

"In response to Secretary Brown's announcement on February 22, that both he and President Carter were convinced that additional opportunities existed for improving the efficiency and effectiveness of the Defense establishment, the Army began an extensive review of its world wide base structure.

"This review is an integral part of a Defense-wide program to reduce costs. When the study was initiated in April, DA requested its major commands to review all installations and activities for possible actions which could include closure or realignment. Those reviews were completed in early May and after they were examined at DA, major commands were requested to provide more detailed information on specific installations.

"This additional information has been submitted and is being reviewed by DA. These installations do not represent a complete list and additions or deletions can be made throughout the study process. At this time, no decisions have been made concerning the closure or realignment of any installation.

"The current review by DA will identify those installations that appear to offer potential for significant savings or management improvements. Once these installations have been identified, the Army will announce the initiation of formal realignment studies. After completion of the formal study, the Army will announce its conclusions and the study documents will be made available for public review. A minimum 30 day period will be set aside for public comments."



VISITS CENTER — Jarmon McKinney, director, and James Gunter, technician of the Army Standards Laboratory, accompany Lieutenant General George Sammet,

Deputy Commander for Materiel Development, in a tour of the Metrology and Calibration Center last week. The Center held an open house in celebration of its tenth anniversary as a Redstone organization.

Officer Courses Clarified

A recent message from the Military Personnel Center reemphasized Department of Army policy concerning officers' nonresident staff college and senior staff college training.

While describing senior staff college experience as "the capstone of the Army's professional military education program," the message made it clear that completion of the Army War College corresponding studies course is the sole means whereby Army officers receive military education level credit for nonresident SSC training.

For staff college level training, the

message stated that only nonresident courses from the Command and General Staff College are recognized for the awarding of military education level credit.

However, as a means of broadening the individual's perspective and increasing his potential, officers are permitted to enroll

in the nonresident courses offered by the other services. According to the message, the preferred status of the Command and General Staff College is due to its Army orientation and focus on the Army in the field.

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COUNTRY RANCHER—If you want to leave the busy city we know you'll like this rancher that is on a wooded lot. The home has 3 bedrooms, a den, living room with fireplace, 1 1/2 baths, with a large eat-in kitchen. Let us show you this spotless home in Big Cove Community. \$34,900.

ROLLING HILLS SCHOOL—The kids can walk to school from this 3 bedroom rancher. It features family room with exposed beams, 1 1/2 baths, huge eat-in kitchen, 8x12 storm shelter, 7x10 storage building, carpeting and central heat for \$26,250.

JUST GETTING STARTED? Or ready to retire? We have a neat, clean, asbestos siding home with 3 bedrooms, 2 baths, dining room, utility and a fenced back yard. Close to Lincoln and Lee High Schools. Only \$25,000. Convenient to everything.

SKI SEASON—Spend the weekend in your cabin ready to get on the water. 103 ft. frontage on Town Creek at Jackson County. Cabin has 2 bedrooms, kitchen/dining area, living room and a huge screened porch. \$29,900.

LAKE LOT—Overlook Bay near Honeycomb. Lot cannot be built on due to poor percolation but will make a fine camping trailer lot. Has water available. \$5000.

OFFICE SPACE FOR RENT—Corner Parkway and Bob Wallace next to First Alabama Bank. 2080 sq. ft., ideal for insurance office, etc. with low traffic. \$750/month.

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Tests Show Dining Facility II Best

Dining Facility No. 2 was judged the best Redstone dining facility for this quarter by a team of 11 enlisted personnel recently. The team based its selection on a minimum on one breakfast, lunch, and dinner eaten at each of the post's dining facilities during the quarter.

A plaque was presented to W. J. Martin, facility manager, on behalf of the entire staff by Major General George Turnmeyer, MIRCOCOM and Redstone commander. The facility winning the most number of times in the year earns permanent possession of the plaque.

The quarterly Redstone awards have no relationship to the Army-wide Conneley Food Services awards, in which Redstone was runner-up this year.



BEST ON POST — Major General George Turnmeyer presents the quarterly Best Redstone Dining Facility plaque to W. J.

Martin, manager of Dining Facility No. 2. The award selection is made by a team of enlisted personnel who eat in the dining facilities.

Exchange Explains Catalog Sales Programs

WASHINGTON (ARNEWS) — Thousands of military customers enjoy easy and convenient shopping service by using the Army and Air Force Exchange's Catalog Sales Program (ACS). If you are considering placing an order through the AAFES mail order service, the following information will help you enjoy the full benefits the service has to offer.

An information and instruction section is provided in the catalog to help you place your order. How to calculate postage, insurance and registry fees using the provided tables is explained and mailing instructions are listed.

Depending on the item you order, shipments will be made from one of seven different AAFES warehouse locations and/or from some 40 Stateside vendor warehouses. Items in the U.S. assortment

are shipped from Forest Park, Ga. and numerous vendor locations. Items in the overseas European assortment are shipped from Giessen, Germany. Items in the overseas Pacific assortment are shipped from Japan, Korea, the Philippines, Thailand or Taiwan as indicated in the catalog. Delivery time depends on the location from where the item is shipped.

Computerized reorder methods are used by ACS to insure that sufficient quantities of merchandise are available to meet order demands. Outside factors may prohibit the availability of some merchandise. For example, manufacturers can't always supply or deliver merchandise due to abnormal demands, lack of materials, transportation problems, etc. If your order cannot be filled within 30 days, it is automatically cancelled. Your order can be

held for a maximum of 90 days if you specify "hold" on your order.

You will receive a notification of shipment within five days following the shipment of your order. ACS is not responsible for unforeseen delays that may occur in processing parcels within U.S. postal or customs channels such as during peak mailing periods. If your parcel does not arrive after the required waiting period as set by the U.S. Postal Service, notify ACS. They will initiate a claim in your behalf for the lost merchandise. Processing a claim requires 60 to 90 days, and ACS must receive a settlement before refunding or replacing your merchandise.

The ACS cannot accept merchandise damaged in postal channels. If your merchandise should arrive damaged in shipment, take the merchandise and carton bearing the shipping labels and insured number to your local postmaster who will help you initiate a postal claim. The value of the item is shown on the shipping carton. The U.S. Postal Service insures ACS merchandise for values from \$15 to \$200. A value less than \$15 or any remaining value which exceeds the \$200 limit will be refunded by ACS or replacement merchandise provided after the Postal Service has settled the initial claim.

If parts are missing from an item of merchandise, provide ACS with a detailed description of the missing parts. Do not immediately return defective or undesired merchandise, but notify ACS by letter so that shipping labels may be forwarded to you. Allow 30 days before inquiring about the status of an order and allow 45 days before submitting a follow-up inquiry. Copies of any previous correspondence or documents related to the order should be included with each inquiry. Remember that your local exchange cannot provide information concerning the status of your order.



SECOND BEST — Chief Warrant Officer 3 Judge Causey, Redstone Food Services Director, and Colonel Jack Fessenden, RASA Commander, present certificates of recognition to Staff Sergeant Gary Clark and his staff at Dining Facility No. 3 for their participation in the Conneley Food Services Awards competition this year.

Dining Facility No. 3 was runner-up for the award this year, and was ranked best in the Army in 1976. Each staff member was presented with a certificate from the International Food Service Executives Association, sponsors of the Conneley Awards, and from the Troop Service Agency at Fort Lee, Virginia.

Carpool

RIDE WANTED. From vicinity of Gate 5 (Triana Blvd.) to building 5250. Hours, 8 to 4:30. Call Betty Smith, 876-3918, or 876-3436. Home: 883-2260.

Story and photos by Ray Rowden



"AN OFFER SHE COULDN'T REFUSE — Ron Kennedy rehearses his proposal to Gail Fessenden in preparation for their upcoming performance in "The Drunkard."



"YOU VILLAIN! You cad! You cur!" Ron Kennedy, as Edward Middleton, takes Reginald Cathey, the treacherous villain Squire Cribbs, by the throat.

'The Drunkard' Is Coming

The Director of the Redstone Little Theater, Lynn Peterson, invites everyone to "Come out and hiss the villain" during the group's presentation of Brian J. Burton's "The Drunkard, or Down With Demon Drink."

According to Peterson, the play should provide good family entertainment at true bargain prices—the admission is free. She said, "It's a real, old fashioned melodrama with a hero played by Ron Kennedy, a pure and innocent heroine played by Gail Fessenden, and a ruthless villain played by

Reginald Cathey. Supporting actors and actresses include Skip Goeddel, Jane Riley and Debi Barker."

This is the third presentation of the season for the Redstone Little Theatre Group, and they have been preparing it since June. According to their director, the group plans to do a play for children in September.

Curtain times for "The Drunkard" are 8:15 August 5 and 6 and 2:30 on Sunday, August 7. The Redstone Little Theatre is located in Bldg. 3745, west of Patton Road in the "Tin City" area.



"PLEASE DON'T GO!" Gail Fessenden and Debi Barker play innocent victims of "Demon Drink" in "The Drunkard" opening Aug. 5 at the Redstone Little Theatre. Ron Kennedy has the title role.

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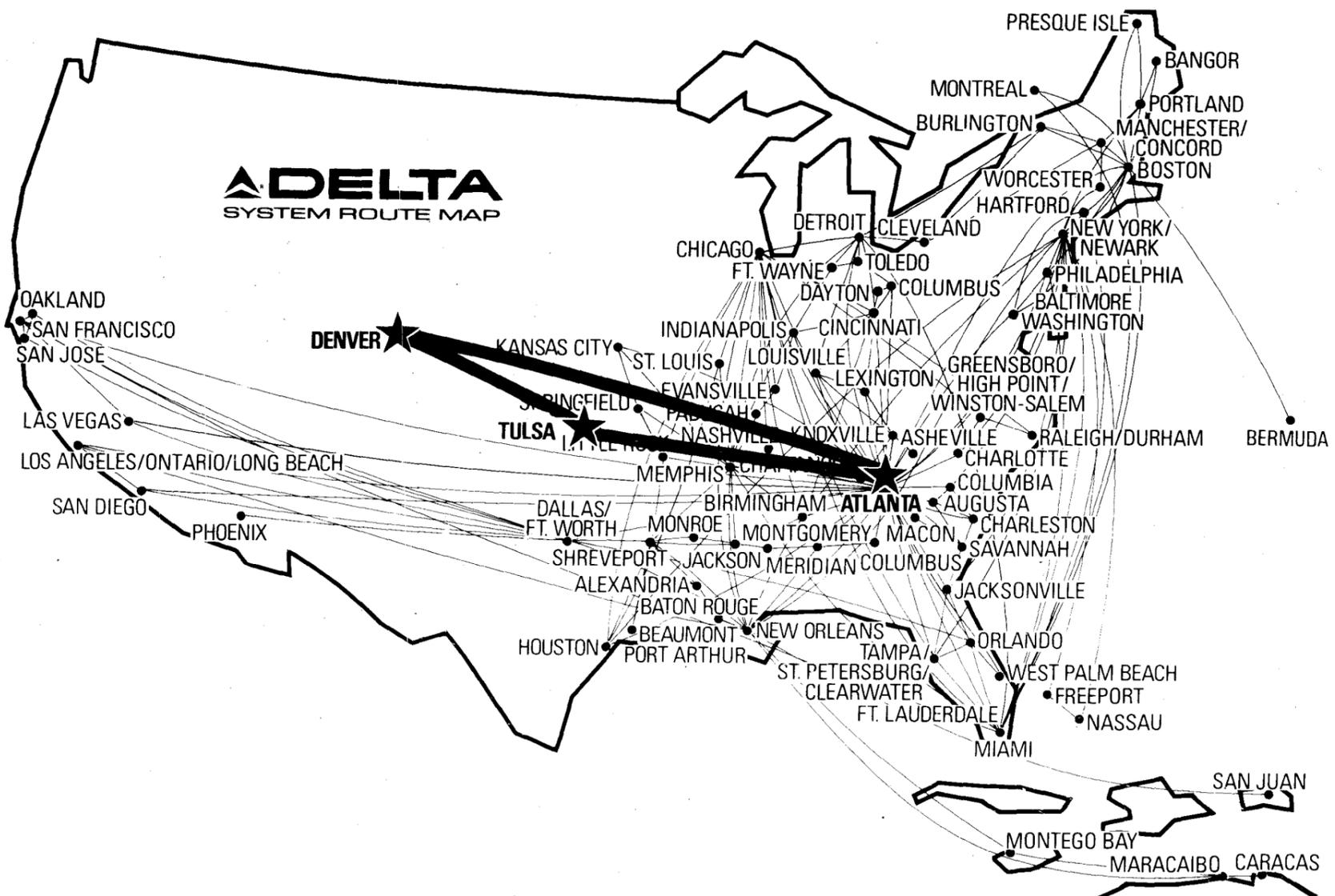
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MILITARY SPONSOR PROGRAM

With hundreds of regulations lining the shelves at battalion headquarters, it's hard for commanders, especially new ones, to know which regs involve their responsibilities. This article highlights just one--AR 608-7--which spells out the Military Sponsor Program, what it is and how it's run.

Most important, is the fact that a sponsor program is required. The regulation clearly states that each major commander and installation commander is expected to develop and maintain an "effective and efficient" program. The commander, then, should know enough about the program to implement it and ensure that its benefits are publicized to soldiers and their families.

A survey two years back indicated that 40 per cent of our people had never heard of the program, and 78 per cent of the enlisted personnel sampled said they had not been encouraged to use the program.

BASIC STEPS

The losing command is expected to issue a copy of DA Form 3922 to departing personnel within seven working days after assignment orders are received. The first part of that form is filled out by everyone because the form eventually is entered into the clearance file. If soldiers elect to have sponsors from their next units, they simply fill out the second part of the form. A copy of that form is then sent to gaining units, and the wheels of the sponsor program begin to roll.

Each gaining unit that receives a form has a certain number of days to accomplish certain things. First, a sponsor is appointed who should be of equal or higher rank, same sex, marital status and professional specialty as the person being sponsored. Second, a welcoming letter should be sent by the CO along with a locally produced information packet. The newcomer should be informed about such things as government and civilian housing, schools, household goods requirements, climate and recommended clothing, and everything else that might assist a soldier and his family in adjusting to the new location.

The appointed sponsor also has responsibilities set down in the regulation. The sponsor should send a letter with home address, duty and home telephone numbers. The letter should include the number of the housing referral office as well. The newcomer should be furnished with a map of the area and should be advised that he'll be met by the sponsor upon arrival at the new post.

There are many bits of information that may prove invaluable to an assignee, which only a concerned sponsor can provide. For example, some countries do not allow personal weapons or gun collections. Some countries do not allow automobiles made



able to provide certain necessary furnishings such as lamps. The sponsor can pass along that kind of information.

Once the newcomer arrives there are more duties to be carried out by the sponsor. A sponsor who has helped locate temporary or permanent housing should accompany the soldier and his family to the home and help arrange for delivery of household goods.

The sponsor should accompany the assignee during in-processing at the unit, the finance office, the family housing office, the Army Community Services Center, vehicle registration, etc. Along with this, an introduction to co-workers and a tour of the post and local area will do much to make the new member feel at home.

Each commander can make the sponsor program a real "people program" by meeting the needs of incoming soldiers. Sponsors should be given guidance on what information is important enough to pass along.

The program can only work if commanders set up and monitor efficient programs. That includes making sure that soldiers understand the program and how to take advantage of it.



after a certain year into the country; some do not have unleaded gas. Restrictions on exotic pets and quarantine lengths can become major problems for the incoming soldier who knows nothing about them. Posts which have weight restrictions on household goods may not be



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NEWBORN BIRDS — A killdeer stands guard over a clutch of chicks at a nest among rocks in a missile storage lot near Bldg. 3775. The birds commonly lay and hatch their eggs among

gravel, depending on protective coloring and the parents' stratagems to protect the young. If predators get too close the parents flush, wounded-fashion, away from the nest.

OSD Slashes Staff Positions

WASHINGTON — DOD announced July 18 that it will cut 448 military and civilian jobs from staff activities in the Office of the Secretary of Defense and 334 others in field activities.

The reductions of 21.7 percent in the office of the secretary and 22.4 percent in DOD field activities are to be completed by February 1978.

The cuts came after a study begun in May by Secretary Harold Brown who said he wanted to improve management and reduce manpower. He told his staff to "balance the reductions between civilian and military

positions as appropriate to the functions of the various offices."

DOD said it would use attrition, early retirements and RIF if necessary to make the reductions.

The cut in the Secretary's office will drop total military and civilian staffing there from 2,065 to 1,617. The field activities — Defense Security Assistance Agency, Defense Advanced Research Projects Agency, Defense Audit Service, American Forces Information Service, Civilian Health and Medical Program of the Uniformed Services, Tri-Service Medical Information System—will drop from 1,539 to 1,195.

Recruiter Team

A recruiter selection team from Army Recruiting Command will be at Redstone Thursday and Friday to interview soldiers for recruiting duty.

Interviews will be conducted in the MOS testing facility in Bldg. 3482.

Personnel selected by the team will attend a four-week recruiter's school at Ft. Benjamin Harrison, Indiana.

IWY Delegate

Railroad Club

Joanne Bloom, a supply systems analyst in the 2.75 Rocket Project Office of MIRADCOM, was elected as one of the Alabama delegates to the national convention for International Womens Year during the recent state convention in Montgomery.

The national convention will be held in Houston, Texas in November.

The Redstone Division, North Alabama Railroad Club, will meet in the Planning Commission Meeting Room on the fifth floor of the Huntsville Municipal Building at 7, Thursday, July 28.

All persons interested in railroading and history are invited to attend. Additional information on the club may be obtained by calling 534-5380 or 881-3629.



Curtis Ivey



Clifford Spencer

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Fees Fund Improvement Project

The Huntsville USAR School (3392) is enrolling students in the nonresident Command and General Staff Officer course for the academic year beginning in September.

Officers of any Army component (Active Army, National Guard, or Reserve) may enroll if they meet the following criteria. Prospective new students for Phase I must have credit for successful completion of a branch officer's course (BOAC) prior to October 1, 1977; have at least 7, but not more than 17, years of commissioned service; and not reached their 42nd birthday at the time of enrollment. Officers now enrolled in the C&GS correspondence course may transfer to the USAR school program without loss of credit. Phases III and V will also be conducted.

Qualified Air Force, Navy, and Marine Corps officers both Active and Reserve may also enroll.

Successful completion of the three-year USAR school course is equivalent to Graduates from the resident course at Fort Leavenworth. Graduates will receive a diploma from the U. S. Army Command and General Staff College.

For further information call LTC I. C. Yates (453-3090 or 883-1414) or LTC C. R. Bunnell (453-0466 or 881-2894).

Larger Crews

WASHINGTON — The Army will add a fifth soldier to each tank crew as one result of a special study to improve the tank force.

The extra crew was one of 83 recommendations of the Tank Forces Management Group chaired by LTG James G. Kalergis, (Ret.) Addition of the extra crewmen will help counteract personnel problems and insure that a four man crew would be available for unit tank training, maintenance and combat, the Army said.

Kalergis estimated in an interview recently that it will take about a year for his group's recommendations—which also covered changes in training and methods used to support tank units—to take effect. General Bernard W. Rogers, Army Chief of Staff, accepted the recommendations May 27.

In effect, one finding of the special study was that a tank was far too expensive and important to the Army's fighting ability to have it out of use because one or more crew members were ill, away training or on leave.

The study, begun in 1976, was directed by the Chief of Staff and designed to "get the full capability that we have paid for" out of every tank and crew.

Procedure followed by the study group involved isolating specific operational problems, then tracing the problem back from the tank to its source in logistics, training or design.

According to those who worked on the study, what the Army will eventually see is better-trained tank crewmen, more responsive logistic support to armor and better personnel management.

CWF Softball

Standings

	W	L
R&D	16	2
Metrology	15	3
Master Batters	13	5
Comptrollers	11	7
P & P	6	12
A & B	5	13
MMCS (o)	3	14
AAA (o)	2	15

(o) Played tie game

Games Last Week

Comptrollers - 14 - P&P - 6
R&D - 22 - AAA - 5
Metrology - 21 - Batters - 4
A & B - 17 - MMCS - 5
Metrology - 12 - R&D - 3
P&P - 17 - A&B - 6
Comptrollers - 11 - MMCS - 8
Batters - 19 - AAA - 12



BY A DAM SITE — Post Wildlife Manager Dave Bryant takes notes as Bill Cobb, chairman of the Rod & Gun game and fish committee, indicates dam dimensions at a site near the civilian rec area entrance.

Building of small dams so that better waterfowl habitat can be developed and maintained here is slated to be the first wildlife improvement project using fees collected from arsenal hunting and fishing permits.

Initially dams will be erected at two sites in marshy areas on the southeast end of the arsenal. At least one dam is expected to be finished before duck season. The structures will be built in narrow points in creeks that cross the areas.

Spillways that can be opened and closed will be installed in the center of the dams so water level in the impoundments can be controlled.

One dam will be put across a creek at the south end of a pond on the eastern edge of hunting area 48 where the water level presently fluctuates as the Tennessee River rises and falls. Years ago beavers had a dam in the ditch and kept water in the pond year round. Then it was one of the best duck hunting areas on the arsenal. Birds flying upriver from Wheeler Refuge to feed would drop into the area to rest and spend the afternoon loafing in the quiet sheltered pond out of the wind. It is ideal duck habitat. The dam will back water up over the old pond bottom, without damaging timber.

The second dam will be built in the out-flow of the pond in hunting area 48 which borders the civilian recreation area. The pond used to be the best duck hunting spot here, but the situation now is that water often backs up into it to a height that makes it all but impossible to wade without chest waders, and sometimes is too deep to wade at all.

The dam will permit keeping the water at a desirable level during the waterfowl season. At other times it may be drawn down to allow planting of waterfowl forage, and to help hold down mosquito populations around the civilian recreation area.

Fees for hunting and fishing on the arsenal, which were instituted last fall, are expected to provide around \$10,000 for wildlife improvement on the installation.

Future improvement plans include more dams for water control, and food and cover plots for waterfowl and other games.

July Retirees

COL Jack C. Fessenden, RASA
COL Kenneth S. Heitzke, MIRADCOM
COL William K. Grisham, MEDDAC
LTC Guy M. Beavers, MIRADCOM
LTC Joseph S. Cusma, RASA
CW4 Robert Saccuzzo, MIRADCOM
1SG Robert C. Ramsey, MMCS
1SG Raymond L. Lebeau, MMCS
MSG Walter B. Lewis, MIRCOC
SFC Everette B. Sheets, MMCS
SFC Raymond B. Machnica, RASA
SFC Jesus Rosalez, MMCS
SFC Harold L. Keeling, MIRCOC
SFC Emmett M. Johnson, MIRCOC
SFC James W. Doyle, MIRCOC
SFC James P. Travers, MIRCOC

Military Softball

	East		
	W	L	GB
5th SC	10	0	
291st MP	11	1	
7th SC	7	5	4
Meddacc	5	7	6
95th SVC	5	7	6
C Co.	5	7	6
Marines	1	1	10

	West		
	W	L	GB
A Co.	10	1	
B Co.	10	2	½
6th SC	7	4	3
8th SC	5	6	5
Mircocm	5	7	5½
4th SC	4	7	6
Miradcom	0	12	10½

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Revised EO Reg. Stresses Inter-group Relations

(ARNEWS) — DA has revised the Equal Opportunity regs and combined them into one reg, AR 600-21. The changes are important and reflect a continuing change in the Equal Opportunity Program to keep it in line with changing conditions.

DA officials stated that the revision of the reg was to "upgrade a program born in crisis and adapt it to present conditions and needs." This sets the tone of the revision which will allow commanders greater flexibility in use of the program. It also requires major commanders to become more involved in developing and carrying out their own EO programs within the guidelines of the reg.

"Affirmative Actions," aimed at identifying and eliminating discrimination within the Army, remain a keystone in the Equal Opportunity Program. The reg calls for "an environment in which each member...is assured fair and impartial treatment at all times" and directs commanders to develop action oriented plans and follow through to achieve the goal.

The training portion of the Equal Opportunity Program has been broadened to strengthen better relations among all groups and make it more adaptable to local situations. Commanders must tailor the training to their unit's needs and use their own judgement as to the frequency, length, method and the topics to be covered.

The changes also stress Reserve Component involvement in the program and emphasize positive actions and command involvement in both the active and reserve units.

The title of the new reg reads simply "Equal Opportunity Program in the Army." The new reg goes beyond focusing on race relations and targets good interpersonal, intergroup relationships among all soldiers regardless of race, color, sex, religion, age or national origin.

Equal Opportunity is everyone's responsibility, and the revised reg reflects that view. New emphasis has been placed on the Equal Opportunity role of all commanders and staff officers

and not just the Equal Opportunity Officer.

More important than any single feature, the revised regulation is designed to continue strengthening the Equal Opportunity Program and insure that the "crisis" which brought about the program initially will not take place again.

Radiation Leaks Threat to Safety

(ARNEWS) — Army scientists at White Sands are concerned about the danger of radiation leaks from radioactive material processing plants. The scientists have been conducting experiments on the effects of natural phenomena at such locations.

The Federal Energy Research and Development Administration has set strict guidelines to insure that processing plants can withstand such natural phenomena as earthquakes.

One of the problems facing the scientists was how to test for earthquakes. The Dynamic Environments branch of the Army Test and Evaluation Command was called on to solve the problem. Researchers took existing equipment designed to simulate the jarring and bumping of missile components being transported, and with modifications, the equipment was made to simulate earthquake shocks.

The existing vibration and shock testing equipment could displace items one inch. For the Los Alamos project the equipment had to be modified to produce ten inches of displacement.

After modification, test equipment called horizontal and vertical vibration tables simulated the shock of an earthquake reading eight on the ten point Richter scale.

Nuclear processing facilities must undergo two types of test—design and operational. The design basis testing involves determining the maximum conceivable earthquake in the plant's geographic area as indicated by topographical and comparative studies. Using this "maximum quake" as a guide the facility must be able to shut down—get workers out, and suppress any fires. This must be accomplished following an earthquake registering eight on the Richter scale.

The operational basis criteria determine if the plant can remain functional or be returned to a functioning basis in a reasonable amount of time.

In geological and topographical studies, Los Alamos determined what the ground motion would look like during an earthquake. By computer, the dynamic environment branch used the vibration tables to duplicate that pattern.

Officials noted that performing the testing at White Sands has represented a large savings in construction costs. "White Sands already had 90 percent of the test equipment we needed."



CANNONBALL — James McKee, a maintenance worker in Building 4500, holds a Civil War-era cannonball, which has been an heirloom of his family for four generations. Found by his great-grandfather, the now-disarmed explosive round has been a toy and conversation piece in McKee's family since the late 1860's. Originally, the heavy iron ball was packed with black powder and plugged with a short fuze which ignited when the round was fired.

Reserve NCOES

Pilot programs for Army Reserve NCOES will begin in the CONUS Armies during October.

The pilot programs will include the Primary Leadership Course, Primary NCO Course, and the Basic NCO Course. Extension of NCOES to the whole Army Reserve is scheduled for October 1978.

The course content of the USAR courses is the same as for the active Army, but course methods are being modified for USAR use to permit scheduling compatible with USAR needs. (ARNEWS).

Honest John Battalion

In a move being planned for several years, the Korea-based 1st Battalion (Honest John), 42nd Field Artillery has been scheduled for deactivation on September 30, 1977. The deactivation will cut the authorized strength of the 4th Missile Command by 294 military spaces.

Korean civilian employees affected by the move will be assisted in getting available jobs with other commands, or get severance pay based on their grade and tenure of service.

The Army plans to sell the rockets and conventional weapons hardware to the army of the Republic of Korea, using foreign military sales procedures. The Honest John battalion of the 2nd Infantry Division will not be affected by the deactivation. (ARNEWS)

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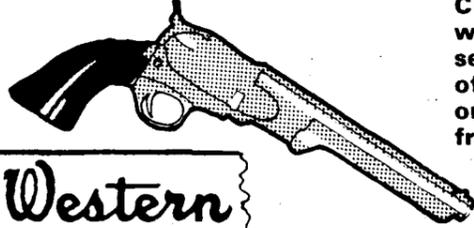
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Choicest chopped steak with pepper and onion, served with your choice of steaming baked potato or golden brown french fries.

Shopping Help

Commissary and PX customers who need assistance while shopping because of a disability may now be accompanied by another person of their choice. Many eligible customers are not taking advantage of the policy which was sent to the field by TAGCEN in November 1976.

Customers who need this assistance should request a Letter of Authorization from their installation commander. The letter should read as follows: "The bearer of uniformed services identification and privilege card No. —, Name —, is authorized to be accompanied by person of his/her choice while shopping in exchange and commissary facilities at this installation."

Complete information is outlined in TAGCEN msg. 171401Z Nov. 76.

Show Stopper



NEW HUE — LTG George Sammet in a light green shirt being tested by the Army.

LTG George Sammet was here to present an Army Award of Excellence to MIRADCOM's missile laboratories, but his shirt almost stole the show as Army green appeared to be taking on a new hue.

With jocular assurances that he was in fact a member of the U.S. Army, the general told a crowd at the award ceremony Friday that the unusual attire, a light green shirt with shoulder boards, was a test shirt provided by Natick R&D Command for him to evaluate.

About 500 soldiers are wearing the shirts in field tests. Response to the shirt so far has been "overwhelming", according to Natick, with hundreds of soldiers calling to volunteer to participate in the tests although no more shirts are available.

Front and back military creases are absent on the wash and wear, durable press shirt. The shoulder boards, which are dark green, are being worn only by officers during the tests but would be recommended for all ranks if they are favorably received, Natick said.

A Uniform Board meeting in October will decide whether or not the shirt is adopted for wear by soldiers.

Three other proposed men's shirts are also being tested, including a long-sleeve one similar in design the Air Force shirt.

A tuck-in shirt and an overblouse are among six women's shirts that are being tested.

Bills Seek Pay, Grade Insurance

WASHINGTON — Two plans are in the mill that could protect government workers from most grade and pay cuts if President Carter's aides and House leaders agree to merge the two packages into one bill.

Representative Robert Nix (D. Pa.), head of the House Post Office-Civil Service Committee, has a bill that would protect workers from downgradings that result from job audits being conducted in many agencies. The bill proposes to give employees lifetime pay-and-grade retention rights if their jobs are downgraded through no fault of their own.

Under this plan, the job would be earmarked for downgrading to the proper level, but that wouldn't happen until the incumbent left the job or the government.

This bill does not cover shakeups that are expected to happen as agencies are merged or reorganized along lines outlined by the President.

The second plan, from the Carter administration, doesn't cover jobs downgraded because of classification error. This plan provides for employees to remain in grade two years after the job is downgraded. Pay raises for the downgraded workers would be half the regular October adjustment until their pay gradually reached the salary level of the downgraded job.

According to Washington sources, the idea of a package that combines the two plans is being seriously considered. If that happens it would be a substantial insurance program for federal employees.

Putting the two plans together would mean federal employees would be protected for life, in effect, if their jobs are downgraded because of reclassification and would give partial grade and salary protection for those hit by RIFs or shakeups related to reorganization.

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JIM MILES
883-0513

JIM'S HOT SHEET

Thanks again for your terrific response. Below are the current "Hot Ones" —

A BARGAIN! FOUR BEDROOMS in beautiful and convenient Triana Village, paneled 11x21 den for recreation and spacious 12x12 storm shelter for safety, won't wait at \$14,700 equity with payments of \$167.00, total price \$31,500 (buy or trade).

CHOICE HOME IN CHOICE LOCATION—Thornton Acres, convenient to most everything (Blossomwood and Huntsville High) 1600 SF, w/dble garage, 3 bedroom brick rancher, den, formal living room and dining room, \$42,000. First time offered; be the first to inspect it.

SIZZLING BUY IN SOUTHEAST (Buy or Trade) In new and beautiful Shenandoah Estates, \$12,235 equity investment for this one year old home at same price (\$56,000) paid for in 1976. Two King size, one Queen size and one Regular Bedroom, den with cathedral ceiling, fireplace and built in bookcases, huge kitchen with bay window eat-in, oversize garage, paneled, huge 140x140 lot, Energy Saver home. Exclusive listing—Better CALL NOW.

DOLL HOUSE in Hazel Green/Walnut Grove Area, \$5,500 equity or refinance \$25,500, 3 year old home on 3/4 acre lot with separate dble car garage, payments \$175.00. You'll like this one.

GREAT EQUITY BUYS:

1. \$10,750, Seville rancher in Bravo, 3 Bedroom w/den, dble gar, 1858 SF (\$48,000).
2. \$15,920, in Triana Estates, split level, very clean (\$31,900) ALL CLOSING AND PREPAID COSTS PAID BY SELLER, Must sell, moving.
3. \$8,000, 3 BR, fireplace, great room, dble garage in NW, Briarwood, less than year old, (\$35,500).

BE A LAND OWNER:

1. 4 bedroom, Rec room, Den, Cat fish pond, 4 stall barn, 2 kitchens, much, much more on three acres land three miles from Huntsville on 72W. This is a real hot one for those who want everything.
2. 10 acres Union Grove, 5 bedroom.
3. 79 acres Union Grove, 3 bedroom.
4. 2 acres near Mastin Lake.
5. 1 acre near Buckhorn School, beautiful building site.

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1. FOR RENT

**FLORIDA VACATION
FT. WALTON BEACH**
Now renting a large 2 bedroom, 2 full bath, Condominium, located directly on the beach, facilities include swimming pool, Sauna, club room, lighted Tennis Court, large balcony overlooking Gulf, available by week or month. Call M. Poole, 895-4130 after hours, Arab 586-5172. 7-27-C

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With large screened porch overlooking Pensacola Bay. 5 minutes to Pensacola Gulf Beach. Private beach, boat available. Linens furnished. Air conditioned. Sleeps 6 plus a baby bed with sleeping accommodations for 3 more on screened porch. \$150 week. 881-5480. 7-27-P

2. CARS

BOB SCOFIELD FORD
in Arab has 1977 trucks, vans, and cars for sale, lease, or rent. Also an excellent selection of used cars. Come by and see Herb Cleveland or any of our other friendly salesmen. Phone 586-6041. Tfc

FOR SALE
1977 Hornet Station Wagon less than 6,000 miles, \$4,650. Overseas orders, must sell. Phone 837-5926. 1TC

FOR SALE
Antique Chrysler, 1950 Windsor, excellent condition, one owner. Call 852-6296. 1TP

FOR SALE
'74 Granville Pontiac, all power, one owner, excellent condition, Cranberry color. Call Lillian, work, 876-7630, home, 723-4572. 1TP

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3. Miscellaneous

**ATTENTION 1978
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Economy priced, senior portraits, 1-8x10, 4-5x7, 24 wallet size, all in natural color. \$16.95. Call Astro Color, 881-7160 and make your appointment. 8-3-C

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WHOLESALE PRICES TO EVERYONE!
Carpets, Vinyl, Fringed Rugs.
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CAMPERS
Weavers Campers in stock or custom built. \$185 & up. Come by Grimwood Road. Call 828-4718 anytime. TRC

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Licensed and insured. Service changes and additions. Free estimates. Phone 881-5741. TFC

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\$1.00 A DAY—\$5.00 A Week—\$13.50 A MONTH
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New 1977 Ziz-Zag Sewing Machine. Make button-holes, sews on buttons, darns & mends and does design stitches. \$79.95 cash or terms, 533-6830. TFC

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We clean 'um from \$35. If we can't clean 'um, You no pay!! **ECONOMY PAINTING CO.** Tfc

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Repairs and service on all makes and models. Fast service, 533-6830. TFC

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FOR SALE
1976 Oakwood two bedroom, 1 1/2 bath, partially furnished, wall to wall carpeting, excellent condition, call 881-9071 for information and show.

FOR SALE
1977 Mobile Home, still under warranty, 14x70 beautiful decor, will sell unfurnished or partially furnished in Huntsville Mobile Home Estates, small equity and assume pmts of \$182.00 including lot rent. Phone 837-0215. TFC

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Footings, Storm Cellars, septic tank work, excavation.
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Many sizes, colors, styles
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5. REAL ESTATE

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Invest in Land in Limestone County. 28.5 acres on Sewell Road, 18 acres in cultivation, 10.5 acres of woods, \$31,700. Beautiful building site on 19 plus acres on Linton Rd. just outside city limits east of Athens, \$36,000.
Preferred Realty
232-9510 7-27-C

HOMES FOR SALE
Quality new home construction on your land in Tennessee—Alabama at low cost. Call Bernie Levine, area code 205-881-9174. 8/10-C

NEED A HOME IN A HURRY?
Purchase equity of only \$5281 and you can quickly move into this super sharp home on Scenic View Drive. It offers everything for the active family — den plus rec room, four bedrooms, two baths, living room, large eat-in kitchen, plus exceptionally pretty large yard full of trees, flowers and a large vegetable garden. Total price: \$34,000. Call me today:
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881-6271 nites
JOE STEELE REALTY
533-1490 1TC

FOR SALE
TEAC A-3340 quad reel tape deck, \$500. Miranda Sensorex EE camera with f1.4 lens, case, \$125. Canon F-1 black body camera with f1.4 lens, case, \$250. Canon 28mm f3.5 wide angle lens, \$50. Call 883-7907. 8-3-P

SHORT OF CASH?
Don't fret! The builder will pay closing costs and you may qualify for no down payment on these beautiful new homes with living room, den with fireplace, three bedrooms, two baths, fully carpeted, central heat and air, range, ovens and dishwashers. For details call for:
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June Awards

Huntsville firms received more than \$740,000 in orders from the Readiness Command during the past month to cover the purchase of goods and services to support the missile and rocket programs at Redstone. An additional \$122,000 went to companies, mostly in cities near the Arsenal.

The Research and Development Command awarded \$47,235,429 in contracts to major contractors for missiles and related equipment while the MIRCOM awards in the same category came to \$51,496,804.

Among support goods and services were orders for moving furniture, building repairs and alterations, medical supplies, publications, crushed ice, fertilizer and food as well as office and laboratory supplies.

The Procurement and Production Directorates execute the contracts and awards to both small and large businesses.

GOOD LIVING & ENTERTAINMENT
Own 400 Ft. On The Tennessee River west of Athens, custom built 2200 sq. ft. cut stone home. Beautiful garden, 3 large bedrooms, 2 baths, great room (30'x16'), beamed ceilings, wall to wall fireplace, carpeted, Florida room, workshop, utility room, covered carport, concrete boat house, large dock, great swimming. Shown by appt. only. Exclusive. Price reduced to:
\$74,900
REDSTONE REALTY & FARMS
539-5800

Shop The Ads

A GEM ON WHEELER LAKE

Built for you to live in full time and enjoy for years. This beautiful home on the water is built for convenience and has many quality features. Home has 2 bedrooms, 2 baths, great room with fireplace. There is a workshop, double carport, pier and double boat house. An exclusive area. Priced in \$60's.
A REAL FUN PLACE
this waterfront home in Elk Estates has large trees and a nice lot. The home is immaculate and the pier and boat-house are nearly new. This fun place is on nice water and the lot is one of the best in the area. Offered now at \$31,000. Call today.

RESTORABLE BIGGIE
Our new listing in "Old Town" Huntsville could be the one you have been waiting for. Architecturally appealing 2-story on corner lot has plenty of charm and good floor plan. There are 4 bedrooms, 2 baths, living & dining rooms, den, double garage. Needs repairs, but is livable. Proper restoration would make this a very valuable piece of property. Appraised at \$35,000 as is.

FAGAN SPRINGS
3600 sq. ft. of real Southern comfort in this 2-story. An extra large formal dining room and a great kitchen are special attractions. Lots of storage — big shop — 4 bedrooms, 2-3/4 baths — you will love the 2 bedrooms on the first floor and 2 up. Call today — price reduced to \$87,500.

BARGAIN HUNTING?
if you are looking for a good buy in an excellent neighborhood, we have it! This eye appealing tri-level features 4 bedrooms, (2 king size), 1-3/4 baths, large den with fireplace, separate dining room, double garage, storm windows/doors. Situated on a quiet dead-end street within walking distance of community pool and Chaffee School. Priced at \$43,800. Seller will consider all offers. Better hurry!


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NEAR NORTH YMCA
Low Down On Total Price
\$15,200
3 bedrooms, 1 bath, carpet, part brick, clean and neat, fenced. Payments \$137 per mo.
30 ACRES
24 miles north of Athens, \$7,950 total price. Woods, hills, 2 springs, fence, mile road frontage. Ideal for gun club or home sites.
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THOMAS ROAD LAUNDROMAT
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Southeastern Institute of Technology

Providing Educational Alternatives for Adults in Professional Career Development, Updating, and Redirection

Southeastern Institute of Technology is an independent, nonprofit institution of higher education, providing professional-level programs and continuing education in selected areas of engineering, management, and applied science. Southeastern was established to meet educational needs of mature, working adults. Such needs are best met through nontraditional means; thus, Southeastern is nontraditional in almost every aspect.

What do we mean by "nontraditional"? This term is very adequately described by Samuel B. Gould, chairman of the prestigious Carnegie Commission on Nontraditional Study:

"...Nontraditional study is more an attitude than a system and thus can never be defined except tangentially. This attitude puts the student first and the institution second, concentrates more on the former's needs than the latter's convenience, encourages diversity of individual opportunity rather than uniform prescription, and deemphasizes time, space, and even course requirements in favor of competence and, where applicable, performance."

This is the attitude at Southeastern. SEE WHAT A DIFFERENCE AN ATTITUDE CAN MAKE!

GENERAL INFORMATION

SCHEDULES

Southeastern operates with six terms each year, enabling individuals to accelerate progress toward their educational objectives. In the Early Fall Term, courses will meet as follows:
Monday and Wednesday Sessions — August 31 through October 26*

Tuesday and Thursday Sessions — September 1 through October 25

(* September 5 will be a holiday.)

ADMISSIONS

Application for admission may be made at the time of registration. For Regular Admission, transcripts are required, but admission will be granted on a conditional basis pending their receipt. Application and evaluation fees for Regular Admission total \$25.

Persons desiring only continuing education (credit or noncredit) may apply for Special Admission. No transcripts are required. The application fee is \$5. Credit earned in this status may, at a later time, be transferred to regular programs.

REGISTRATION

Registration in courses may be made at any time up to the start of the first session. PERSONS INTENDING TO REGISTER ARE REQUESTED TO TELEPHONE (837-9726) FOR RESERVATIONS. This includes government employees and others who have made requests through training offices.

LOCATION

Central offices and lecture/seminar rooms of Southeastern are located at 200 Sparkman Drive (ground floor of the building which is also occupied by Xerox and the Internal Revenue Service) in the Cummings Research Park. Unless otherwise noted, classes will meet at the central location.

FACULTY

Southeastern has an outstanding faculty, primarily drawn from professional practitioners who teach on a part-time basis. Because they are in daily contact with professional reality, they enrich the classroom with an effective blend of theory and practice. This is Southeastern's key to relevance: EDUCATORS WHO PRACTICE WHAT THEY TEACH!

COURSE FEES

Fees for full-term 500- and 600-level courses are \$150 tuition plus \$5 registration, a total of \$155. Special fees apply for short-term and 700-level courses. Fees are due and payable at the time of registration. If desired, 50% of the tuition may be delayed one month. Persons who will have fees paid by their employers should present purchase orders or authorization papers.

TEXTBOOKS

Textbooks for courses will be available from Burkett's Book Shop, located in Dunnavant's Mall.

PROGRAMS

MASTERS PROGRAMS

Southeastern Institute of Technology offers programs leading to the Master of Science (M.Sc.), the Master of Science in Management (M.Sc.Mgt.), and the Master of Science in Engineering (M.Sc.Engr.) degrees. Specializations are available in the following areas:

- Applied Optics
- Business Management
- Computer Systems
- Contact Management
- Electronic Systems
- Engineering Management
- Governmental Management
- Infrared Systems
- Logistics Management
- Management Law
- Nuclear Weapon Effects
- Radar Systems
- Software Systems
- Systems Analysis

If less specialized programs are desired, general curricula may be developed in the following:

- Applied Mathematics
- Applied Physics
- Computer/Software Engineering
- Electrical Engineering
- General Management
- Mechanical Engineering

Requirements for the master's degree include 30 units credit, of which at least 12 units must be earned through Southeastern. Up to 18 units of the required credit may be transferred from other sources. This may include graduate-level credits from other institutions, noncollegiate courses (military, industrial, etc.) which have been evaluated for graduate credit, and up to six units awarded from professional experiences.

DOCTORAL PROGRAMS

Southeastern Institute of Technology offers research-centered programs leading to the Doctor of Science (D.Sc.) degree and programs in professional administration leading to the Doctor of Business Administration (D.B.A.) and Doctor of Public Administration (D.P.A.) degrees.

The structure of the doctoral programs is such that participants may continue with their normal employment while engaged in a rigorous educational experience. However, a significant amount of personal time is required. With the accelerated schedules of Southeastern, qualified applicants can complete the requirements in about two years. Persons with prior study toward the doctorate might further accelerate the completion.

The doctoral programs involve a minimum of 45 units credit beyond entrance requirements (usually a master's degree). All programs include 18 or more units of course work and 3 units in an ancillary skill (normally computer methodology). Some or all of the course work may be transferred from prior doctoral work.

In the D.Sc. programs, the additional credit includes the following:

- 6 units in the Dissertation Institute
- 18 or more units in research

Programs leading to the D.Sc. degree may be developed in the following areas of specialization:

- Business Theory and Management
- Computer Systems and Software
- Electronic Sensor Systems
- Management of Science and Technology
- Management Theory and Human Relations
- Optical Sciences and Systems
- Public Systems Management

In addition, degree-completion programs (for persons who have already completed a significant amount of advanced study) may be developed in a number of related areas.

The D.B.A./D.P.A. degree programs are intended for career administrators of business or public affairs. They are designed to produce broadening, rather than high specialization, at the advanced level. In these programs, the remaining credit is distributed as follows:

- 18 units in colloquia/independent study
- 6 units in a demonstration project

The colloquia/independent study will center on topics which are at the foundation of business and public affairs, transcending traditional course work.

CERTIFICATE PROGRAMS

For persons who are interested in an organized continuing education activity, Southeastern offers programs leading to the Graduate Certificate and the Specialist Certificate. These are of particular value for proficiency maintenance or career redirection. The Graduate Certificate requires 15 units of credit and may be earned in the same specializations as master's degrees. The Specialist Certificate involves 18 units credit and is for persons already holding a master's degree.

UNDERGRADUATE PROGRAMS

Southeastern does not offer a standard undergraduate curriculum. However, programs are available to enable mature, experienced adults to complete the Bachelor of Engineering Science (B.Engr.Sc.) or the Bachelor of Administrative Science (B.Adm.Sc.) degree. To pursue these programs, a person should have up to three years of prior college work (or the equivalent) and must have the background necessary to directly enter the advanced courses from Southeastern.

EARLY FALL OFFERINGS

MODERN ELECTRONIC CIRCUITS (11-501)

Tue. & Thur. 4:30-6:40 p.m.
A survey of the fundamentals and applications of modern electronics. Review of d-c and a-c theory; semiconductor devices and integrated circuits; digital circuits and systems. Background: knowledge of basic electrical circuits.

RADAR SYSTEMS (11-571)

Mon. & Wed. 4:30-6:40 p.m.
An introduction to the theory and functions of radar systems. Fundamental concepts; detection theory; integration of pulses; clutter representation; electronic countermeasures; CW, MTI, pulse-Doppler, noncoherent MTI, and search radar systems. Background: knowledge of basic circuits and signals.

MISSILE AERODYNAMICS (14-574)

Tue. & Thur. 4:30-6:40 p.m.
An introduction to aerodynamic analysis and design for missiles. Aerodynamic characteristics of airframe components; system performance characteristics; static stability and control; maneuvering flight; dynamic stability; aerodynamic loads. Background: knowledge of fluid mechanics.

COMPUTER LANGUAGES (17-511)

Mon. & Wed. 6:50-9:00 p.m.
A study of the design and structure of computer programming languages. Theoretical foundations; program, data, and control structures; expressions and assignments; input-output;

construction of procedures and programs. Background: basic knowledge of computers and programming.

DIGITAL COMPUTER ORGANIZATION (17-544)

Tue. & Thur. 4:30-6:40 p.m.
A study of basic operations, logical design, and organization of digital computer systems. Number systems and codes; digital devices; organization and control of computers; input-output subsystems; programming requirements. Background: basic knowledge of programming; basic knowledge of digital electronics desirable.

MANAGEMENT RESPONSIBILITIES AND PRACTICES (21-611)

Tue. & Thur. 6:50-9:00 p.m.
A seminar on the tasks, responsibilities, and practices of managers. Performance in business and governmental organizations; the manager and the worker; social impacts and responsibilities; managerial functions, skills, and organizations; top management.

MARKETING THEORY AND PRACTICES (24-511)

Mon. & Wed. 6:50-9:00 p.m.
An overview of marketing from the management viewpoint. Basic marketing theory; marketing strategy; product and product line; pricing; distribution channels; marketing organization; personal selling and advertising; developing marketing plans.

GOVERNMENT CONTRACTING (24-551)

Tue. & Thur. 6:50-9:00 p.m.
A study of contracting by and with the Federal government. Contracting authority; types of contracts; contract modifications; accounting for contracts; cost principles; pricing and profit; make-or-buy and subcontracting; contract performance; terminations.

BUSINESS-GOVERNMENT RELATIONS (24-795)

Sat. T.B.A.
A colloquium/independent study offering in the D.B.A./D.P.A. program. A detailed analysis of relationships between business and the federal government.

LAW AND THE LEGAL SYSTEM (29-511)

Mon. & Wed. 6:50-9:00 p.m.
A survey of law and the legal system in the United States. Legal terminology; the judicial system; limitations in legal actions; judicial decision-making and remedies; civil and criminal procedures; legislation; the administrative process; law of torts.

OPERATIONS RESEARCH TECHNIQUES (31-521)

Tue. & Thur. 6:50-9:00 p.m.
A study of elementary theory and techniques for solving decision problems. Statistics and probability; linear algebra; Markov chains; replacement and inventory models; Monte

Carlo simulation; queueing theory; linear programming; transportation models. Background: good knowledge of basic mathematics.

APPLIED STOCHASTIC PROCESSES (31-617)

Mon. & Wed. 4:30-6:40 p.m.
A study of random variables and stochastic processes, emphasizing information and dynamical applications. Probability theory; random variables and functions; stationary and nonstationary processes; correlation; mean-square estimation. Background: knowledge of basic probability and signals.

CONTEMPORARY OPTICS (34-541)

Mon. & Wed. 4:30-6:40 p.m.
A study of the fundamentals of contemporary geometrical and physical optics. Paraxial matrix optics; aberrations; electromagnetic waves; interference; diffraction; Fourier optics; spatial filtering; optical transfer function; interaction of light and matter. Background: knowledge of basic physics and calculus.

NUCLEAR WEAPON PHENOMENOLOGY (34-561)

Mon. & Fri. 8:30-10:40 a.m.
Location: BMDSCOM Building
An introduction to nuclear weapons and nuclear explosion phenomena. Fission and fusion reactions; device construction and yield ratings; explosion phenomena: blast and shock, thermal radiation, nuclear radiation, electromagnetic pulse. Background: knowledge of basic physics and calculus.

INFORMATION

For additional information concerning the courses and programs of Southeastern, telephone

837-9726

or write to P.O. Box 1485, Huntsville, Alabama 35807.

The 1977-1978 Bulletin of Southeastern is now available and will be sent upon request. Also available is the Southeastern Newsletter which is distributed each term.

AN EQUAL OPPORTUNITY INSTITUTION

