

# The Rocket

VOL. XXVI; NO. 38  
FEBRUARY 15, 1978

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## Flu Lays Stricken Soldiers Low

Sniffles, cough, mild fever, ache all over feeling, add up to flu, and flu of some kind came to Redstone last week and stayed.

Just what kind has yet to be determined. Col. Robert B. McLean, commander of Medical Department Activities, says the

disease "displays flu-like symptoms". It may take several more days before Army labs are able to specify which type flu it is. McLean and everyone else in MEDDAC, however, had other concerns this week.

Specifically, patients, so many that outfitting them all with pajamas was a problem for a time.

Fortunately the what-ever-it-is flu has not been serious in terms of how it hits the people who have it. As of Monday, McLean noted, the disease took about three days to run its course.

Taking no chances, the MEDDAC Commander hospitalized soldiers who came down with it, and kept them under close medical observation until they recovered. That meant, for a time, that the second floor of the post hospital was filled with flu patients. MEDDAC converted the second floor of the Dependent Youth Activities Building into a temporary hospital annex, moved other flu patients into a second annex in building 3737, a barracks in Tin City.

Large numbers of troops first turned up at sick call with the flu-like symptoms Feb. 8. Twelve soldiers were hospitalized that day, 12 more the next day and about 40 on Feb. 10.

Although MEDDAC kept the Troop Health Clinic open all weekend, admissions (See 'Flu', page 18)



STANDING ROOM ONLY — Sick soldiers crowd Troop Health Clinic.

## Patriot Shines In Flight Test

WHITE SANDS MISSILE RANGE — Patriot intercepted one of two jet fighters flying in close formation amid countermeasures and knocked it from the sky here recently in the first 1978 flight test of the Army's new air defense system.

Despite the electronic and tactical countermeasures, Patriot's uniqueness isolated its intended target and scored a direct hit.

Maj. Gen. Oliver D. Street, III, Patriot Project Manager, said all test objectives were accomplished.

Firing Platoon No. 2, the first mobile, tactical equipment delivered to the Army, was used for the second time but the entire Engagement Control Station, operations center which remotely controls the radar and launching stations, used its own electric power generator for the first time.

In earlier tests, commercial power was supplied by White Sands.

This was the 24th fully guided flight thus far in the Patriot test program and adds to Patriot's record as one of the Army's most successful flight test programs ever.

Patriot, being developed to replace both Nike Hercules and Hawk air defense systems, will be the cornerstone of field Army air defense against medium to high altitude targets in the 1980s and beyond. The mobile, all weather system is the only air defense weapon of its kind and capabilities under development in the free world.

Featuring a high kill probability and fast reaction time, Patriot will be able to handle saturation attacks against highly maneuvering targets in an intense countermeasures environment.

Raytheon Company is Patriot prime contractor and Martin Marietta Corporation is principal subcontractor for the missile, canister and launcher. Thiokol Company is subcontractor for the single stage solid propulsion unit.

## Troop Text

Army proverb number 2,856 — "If the Army published everything a soldier needed to know it would fill a library and be obsolete before anyone could read it." Many soldiers who are now retired remember this adage from basic training and almost no one in uniform has not heard it. Now, one of our undeniable truths is falling under the shadow of doubt.

Soldiers here and throughout the Army are receiving FM 21-2 (Test), the Soldier's Manual of Common Tasks. About the size of the Huntsville telephone directory, this reference and training guide contains information (by skill level) that every soldier should know.

However, it is not intended to contain everything a soldier needs to know, so the adage is safe and perhaps even more meaningful. The new FM includes the basic military knowledge related to first aid, nuclear, biological and chemical warfare, individual fitness, camouflage, cover and concealment, security and intelligence,

(See 'Troop Text', page 6)

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# Top Sergeant Is Soldiers' Friend



Redstone's top enlisted soldier sums up his main guiding principle in one simple sentence, "I always try to treat others as I would expect to be treated.

"I know that's a trite old statement", he continues, "but I'm really sincere about it. I may have blown it a time or two, but it's what I've always tried to do, and it has worked out well for me."

It is the principle that has guided Clarence Bray Jr. during 22 years of military service, through varied leadership assignments in missile units, to his progression to the Army's top enlisted rank, and to his new position as MIRCOCOM Command Sergeant Major. He became MG Louis Rachmeler's chief enlisted advisor last week, following retirement of CSM Leroy Arceneaux.

Of his varied responsibilities to Redstone's troops, Bray sees the health and

welfare of enlisted soldiers and also their families as first and most important. His other duties encompass the performance, conduct, appearance, personnel management and training of enlisted personnel.

The new command sergeant major said it is his practice to rely on a strong enlisted chain of command in carrying out his responsibilities, and adds, "I'm here to help enlisted soldiers in any way I can. Whether it's an NCO in the chain who needs my help in assisting another soldier, or whether it's an individual who hasn't obtained satisfaction within the chain. If it's something I can't resolve myself, I'll take it to someone who can.

One area Bray is particularly attuned to is the well-being of junior enlisted men, including those with families. The latter are an aspect of military life that he knows sometimes needs special attention having been a young married soldier himself and having dealt with their needs and problems as 1st Battalion Command Sergeant Major at MMCS. "A large percentage of the young married soldiers here experience the typical problems, of getting committed too heavily and such," he notes.

Bray, who entered the Army as 17 year old high school dropout but has since gone on to earn college credit, said he plans to stress heavily the importance of education to enlisted soldiers. "I believe they should get all the education they possibly can . . . by going to military and civilian schools and colleges, taking correspondence courses relating to their jobs and attending leadership school", Bray said, pointing out that an Army goal is for senior NCOs to have at least two years of college.

The veteran missile man joined the Army in 1953, served with an AAA gun battalion and later with a Nike-Ajax battery in Gary, Ind.

Bray left the Army in 1956 and, like most other men in his native town, went to work in the coal mines of Carbon Hill, Ala. But two years of that was all he wanted, Bray said with a laugh. In 1958 he came back in

the Army, and began a series of eight assignments with missile battalions and air defense artillery units in the United States and Korea.

In 1973 he was selected to attend the Sergeants Major Academy at Ft. Bliss. On graduation he was assigned to MMCS for a year, spent 1975-76 in Korea and subsequently returned to Redstone.

Of his previous experience here, Bray says, "I feel it is a real advantage to me and the troops in looking after their needs. I've been on the arsenal awhile and know my way around, know where to go for what."

"As one of my major goals," he continued, "I'm going to do all I can to instill in every NCO the concern and interest in the troops that I've seen displayed by CSM Charles Welch (of 2nd Bn MMCS) and numerous other dedicated NCOs I can call on."



## Jackson Selected 1st Battalion CSM

"Since my first tour here, my assignments have run the gamut of missile maintenance. I've worked in the field, as an instructor and as a first sergeant."

Now, Command Sergeant Major Harold L. Jackson is the top enlisted man in the 1st Battalion, School Brigade at the Missile and Munitions Center and School.

Since he returned here in October, Jackson has been an instructor with the Career Development Department in the Directorate of Training. He assumed the duties of 1st Bn. CSM on Feb. 6, when Command Sergeant Major Clarence R. Bray was reassigned to the senior enlisted position at MIRCOCOM.

Before returning to Redstone, Jackson served with the 2d Battalion, 71st Air Defense Artillery in Korea. Twenty-five years earlier, he earned the Combat Infantryman's Badge there.

During previous assignments at MMCS Jackson served as an instructor in the

HAWK Division, as the first sergeant of the 5th Enlisted Training Company and as the noncommissioned officer in charge of the MMCS Inspector General's Office.

He holds a Bachelor of Science degree in Education and Agriculture from South Carolina A&M University at Orangeburg, and attended Miles College in Birmingham. Jackson is a life member of the Non-commissioned Officers Association and the Phi Beta Sigma fraternity.

He is proud to note that he has four brothers and a son in the military, two of who are officers. His family has accumulated 113 years of military service as of December, 1977.

## The Rocket

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# Essay On Black Past

"Those who are ignorant of the past are doomed to repeat it," wrote George Santayana. There are many different theories of the nature and significance of history. We study history for many different reasons. Most thinkers would agree with Santayana, however, that a thorough knowledge of our past can help us shape the future, and that if humanity is to arrive at where it wants to go, it must know where it has been.

It is well to bear in mind the organic relationship of past and future while pondering the significance of "Black History Month." Many people, white and black, know little about black history. Many of them don't care. However, if the truth be known, these same people are probably uninformed about and apathetic toward history in general. Sure, they had high school courses in American history and world history, but that is probably the last time they read or thought about history.

The fact that most Americans are ignorant of black history is one of the main reasons we observe a black history month. In the past, blacks have been largely excluded from the history books. Only recently has the important role blacks have played in American history been studied seriously, in depth. But all of the books and articles written about black history are useless if people don't read them.

It is important that contemporary blacks know about their past because their self-image is largely dependent upon such a knowledge. The self does not exist in isolation, but as part of a culture, and cultures are defined historically. Thus what I think I am is determined to a great extent by what my ancestors have been. The great

popularity of the novel *Roots* is evidence of the individual's need to know his or her origins.

The cultural heritage of black Americans extends beyond the boundaries of the United States to Africa. Blacks have been in America for hundreds of years, but according to the anthropologists they have been in Africa for millions. The black American therefore must study the African experience of his ancestors to fully understand his cultural heritage.

But this does not mean that the American experience should be ignored. Since much of this experience is unpleasant, ranging from slavery to segregation, some blacks would prefer to erase it from their memory, and look to Africa for their heritage. This is understandable. However, many things have happened in this country that the black American can be proud of. American history is fraught with role models upon which black Americans can build a positive self-image.

When we study the history of blacks in America, however, we soon find that we are studying "white history" as well. Black history cannot be artificially abstracted from American history as a whole. Nor can "white history" be studied in isolation. American history is the story of black and white people living together. In this sense black history month is significant to all Americans.

Unfortunately, in the past whites and blacks in America have existed together in the roles of oppressor and oppressed. But this situation is changing. Equality and harmony between blacks and whites is



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being achieved. It is vital to our nation that this progress continue. By studying the past Americans can avoid repeating the mistakes of our ancestors, and build a better future.

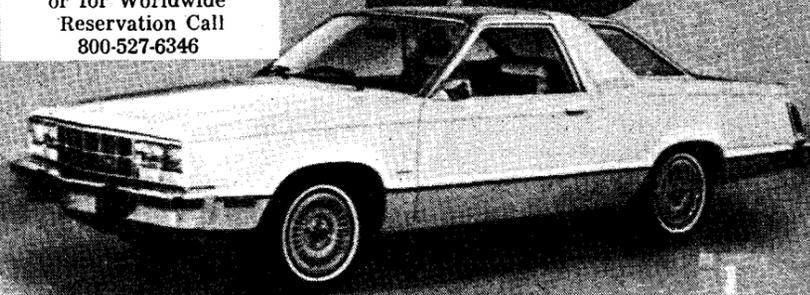
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# Too Much Clothing

(ARNEWS) — Only the required minimum of the more than 100 local clothing and equipment items should be issued to troops and units, according to a DA property accountability task force.

In an effort to tighten controls on inventories and to put clothing and equipment in units where it's most needed, DA has told commanders to recall and stop issuing unnecessary items by May.

Some units, according to a DA official, have items which are no longer needed because of mission changes. Others may issue full field gear to members of garrison headquarters or other units which have no need for all the special items.

In addition to reducing unit inventories of equipment, the task force has sponsored a policy for mandatory turn-in of clothing and equipment after a soldier has left the unit for emergency reasons or is hospitalized for more than 60 days.

Soldiers should turn in all Central Issue Facility items before clearing any other post activity, according to the guidance.

While commands are encouraged to keep clothing and equipment stored at central locations for use only when warranted, exceptions are numerous, and the guidelines may not affect certain units, the DA officials concluded.



**NO BRIDGE** — Drivers on Martin Rd. Friday afternoon did a double take over this vehicle which came to grief on an elevated utility access in the swamp on the north side of the

road. Pulled out with a wrecker, the truck reportedly will be all right after a drying out. The driver said he drove down the dike while searching for two individuals reported to be in the area.



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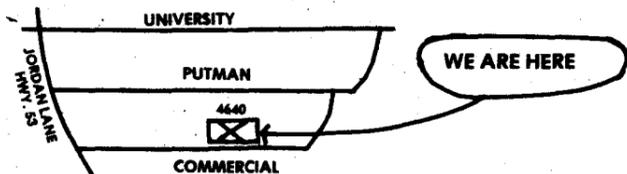
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## MOS Mismatch Among Women

(ARNEWS) — The rate of MOS mismatch among women soldiers—assigning them in jobs they are not specifically trained for—is about eight percent, compared to 5.4 percent among men, according to DA officials.

They cite a tendency among commanders to

assign women to traditional skills, primarily in personnel and management, while the Army is attempting to place more women in non-traditional MOSs.

A recent field exercise revealed that 23 percent of the women participants were not being properly used in their MOSs.

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# Troop Text

(From front page)

communications, the M16A1 rifle, land navigation leadership and training.

Some tasks are included in more than one skill level since the necessary knowledge changes as a soldier moves through the ranks. The manual also references other publications that relate to each task, including ARs, FMs, TMs, TCs and TEC lessons.

Changes, updates and corrections will be made as necessary and posted in the manner of current FMs. Combined with the soldier's manual for his specific MOS, the common task manual provides the individual soldier with a valuable and portable reference and training library.

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# MARED Offers Direct Career Advancement

Pat Gallagher knows the advantage of training in order to climb the success ladder in government service, and she is convinced one can't make career advancements without personal effort.

She is now from the Materiel Acquisition and Readiness Executive Development program administration unit in DARCOM, and visited Redstone recently to talk with supervisors, and with employees eligible and interested in applying to participate in the program.

"I started a long time ago as a GS-2 procurement clerk at an installation in California," she said, "and I've moved wherever the better jobs were since then." She was originally from Salt Lake City.

Among her most recent training was at the King Point Executive Center, N. Y. when, two years ago, she was selected for a Fellowship to learn how an executive seminar is run. At the time she was head of the Recruitment and Placement Branch of Civilian Personnel at the Harry Diamond Laboratories near Washington. "I had attended the Center as a student, then was offered the Fellowship shortly thereafter," she said.

Gallagher came to DARCOM about two years ago.

One of the key concerns people have about applying for MARED entrance is the mobility requirement. Too many feel they

are going to be torn from roots they've established in a community outside Washington.

Mobility for developmental lateral assignment is usually proposed only when the development is not available locally, or the experience is proposed to provide familiarity with a specific organization, community, or mission.

To ease the possible hardship of moving to a development assignment, temporary duty is used whenever feasible limited to the time needed to gain the desired experience, and at times a temporary promotion is arranged to help cover the additional expenses, especially in the Washington area.

All placements for development are made with the concurrence of all parties involved.

Mobility is part of MARED participants' Individual Development Plans. Careerists are withdrawn from the program when their progress toward a target position is halted or seriously impaired by their inability to accept training or work assignments for any reason including lack of mobility.

"A person can have a good, legitimate reason for not accepting the first offer made for training at another location, and we can accept that, but if an offer continues to be refused, there is no alternative

except dropping that individual from the program," Gallagher said.

"Most of the target positions are in the Washington area—you know those are the jobs at the GS-15, GS-16 and higher levels. Only a few are out in the field, so people should be ready to accept the circumstances. There are people who will take risks and those who won't.

There are 138 persons in the MARED program, DARCOM-wide, including two women. Since one must be a GS-13 or above to apply, this has a limiting effect on the number of minority and women candidates.

"Our goal," Gallagher said, "is to have a cadre of 200 to 250 in the program. Since we've been in business only a year and a half, we haven't reached that number but as we go on, more and more people will be in it. This means fewer will be accepted annually in future years, of course. The number in the program is keyed to availability of projected target positions and the resources which can be devoted to development."

"Personally, I feel living in the Washington area is anything a person wants to make it. Every advantage is there if you want to profit from it. I intend to stay here when I retire."

Gen. John Guthrie, the DARCOM CG, has given the program full support. "In fact, he has asked the Deputy Chief of Staff for Personnel at DA to make it an Army-wide program with DARCOM as the executive agent as 80 percent of the target positions are in DARCOM activities," she noted.

"Making it Army-wide would give bright managers throughout the Army an opportunity to get the training offered by MARED, and should benefit the Army in general."

"It is generally recognized that the draw down in high grades has made it tough for people in MARED."

Target jobs are defined as those which affect directly the DARCOM missions, positions that involve management. "We're trying to improve the quality of management. For instance, the person who works on a bread board in a laboratory is not the candidate we're looking for, unless he or she has exhibited executive talent," she said.

"And we cannot create success through MARED. We can only provide opportunities. We cannot be sure they are grasped—that's up to individuals. It's not the only door to success either, but it can be the most direct."



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• HI SPEED  
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SPECIAL  
**\$16.00**

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MODEL  
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• 5½ FEET  
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RETAIL \$33.50  
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LAMIGLAS GRAPHITEER  
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FILL YOUR REEL  
WITH FRESH  
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**1¢** PER. YD.

GERBER MK II  
SURVIVAL KNIFE (WITH SCABBARD) **\$42<sup>50</sup>**

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DAN WESSON PISTOL PACK P-15-2 ..... \$335.00  
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RUGER STAINLESS STEEL  
SECURITY SIX 357 MAG 2¼" or 4" ..... **\$169<sup>96</sup>**  
COLT PYTHON .357 MAG 4" NICKLE — RUGER 44 SUPER  
BLACKHAWK — COLT DIAMOND BACK, TROOPER, AGENT, IN  
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# LEECO INC.

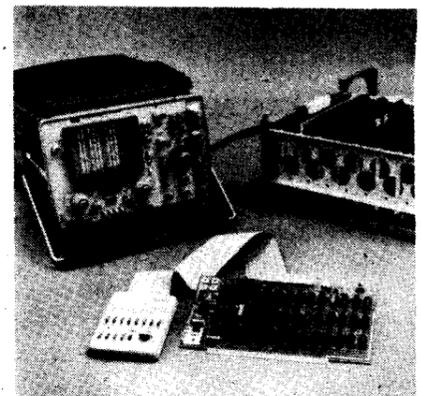


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Suggestion



If you are working with computers that have the S-100 Bus we have a new Logic Analyzer for you from Paratronics (Model 150)



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LEECO, Inc.

## SPECIAL OFFER COUPON

- MONTH OF FEBRUARY, 1978 ONLY -

All DATA PRECISION Instruments - - - - - **10% Discount**

All PARATRONICS, INC. Instruments - - - - - **15% Discount**

Discounts apply for orders received during the calendar month of February, 1978. This offer will not be extended. ORDER NOW!

This coupon must be attached to orders placed by mail or mentioned on phone orders to qualify for discounts.

COUPON

# Congressman Speaks at AUSA, ADPA Meet

The energy crisis is real, but it can be alleviated by solar power satellites, said U.S. Rep. Ronnie Flippo, (D-Ala.), to a joint dinner meeting of the Association of the U. S. Army and the American Defense Preparedness Association.

Flippo recently introduced the Solar Power Satellite Research and Development Act of 1978 to authorize development of a demonstration unit which would collect solar energy in space and transmit it to earth for conversion to electrical power.

Flippo said NASA and the Marshall Space Flight Center could play a lead role in the development of solar power satellites.

Americans are not taking the energy crisis seriously, warned Flippo, saying that

"If we are to remain strong as a nation, we must come to grips with the energy crisis." He said the development of solar power is not a visionary program, but a practical one based on available technology.

The ADPA also elected the following new officers: John Robb, president; Rod Koyler, first vice-president; Col. John Govatas, third vice-president; and LTC Clyde Young, secretary-treasurer.



**WINNING POSTERS** — Three high school students received awards for the best AUSA posters at the dinner meeting of AUSA and NDPA last week. Left to right are Dr. Julian Kobler, president of the Tennessee Valley Chapter of AUSA; first prize winner Jean Snowden, Lee High School; Congressman Ronnie Flippo, guest speaker;

Harriette Murphy, third prize winner; and Lisa Bold, second prize winner, both of Grissom High School; and MG Charles F. Means, MIRADCOM Commander. The winners were given certificates and \$100, \$75, and \$50, respectively. Stan Lang (not present) of Grissom received a special award of \$25 for an artistic drawing.

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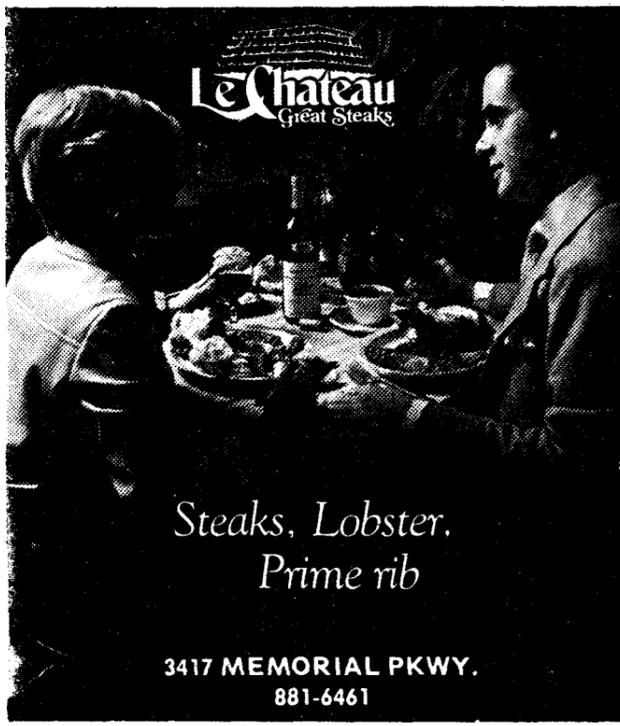
7:00 - 9:00 P.M., TUESDAY, FEBRUARY 14, 1978

FOR INFORMATION CALL 881-1701  
OR WRITE  
RANDOLPH SCHOOL  
1005 Drake Ave., SE  
Huntsville, Alabama 35802

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**ANNOUNCING**  
**PRE-ENTRANCE TESTING FOR FALL 1978 ADMISSION**  
Kindergarten by Appointment  
Grades 1-12, Saturday, March 4, 1978

Randolph School admits qualified students who are willing and able to do good work. None shall be denied admission because of race, color, national and ethnic origin.



**LeChateau**  
Great Steaks

*Steaks, Lobster,  
Prime rib*

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# Announcing

## COOK'S PEST CONTROL'S

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## Perma Guard INSULATION!

Cook's "Perma Guard" INSULATION is TVA, VA and FHA approved. Our blown insulation is applied with the same attention to detail that for the past half century has made Cook's Pest Control a leader in its industry. For a FREE estimate, call us today at



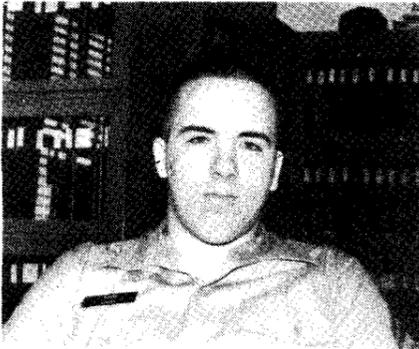
**Perma Guard INSULATION**

A DIVISION OF COOK'S PEST CONTROL, INC.  
Celebrating Its "Golden Anniversary!"

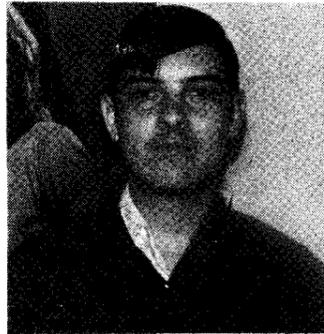
# 837-3100



## Do you know what educational opportunities are available at Redstone?



**Corp. Thomas Davis, Marine Det.**—"I go to school out in town. I'm on the free tuition assistance plan with the Army, and so far I have no complaints. I think there is a good variety of extension courses available on Redstone and there are at least four colleges here. I'm satisfied with the off-duty educational opportunities here."



**PFC Kerry Trammell, Co. A**—"I've been checking into it, and I'm going to be taking some college courses in the near future. I'm also taking the Clep tests. There are a lot of opportunities available here. I'm satisfied with what is offered."



**Spec. 4 James Howard, 4th S.C.**—"I'm a student here on B shift, so I really don't have time for extra education. Publicity on what is available isn't great, so the only way to really find out is to ask somebody. I don't really know what educational opportunities are available."



**Pvt. Susan Detlefsen, 6th S.C.**—"I'm aware of the correspondence courses available, and I'm going to check into the college available. The information available on extra education here is very accessible. A good way to find out is through your platoon sergeant."

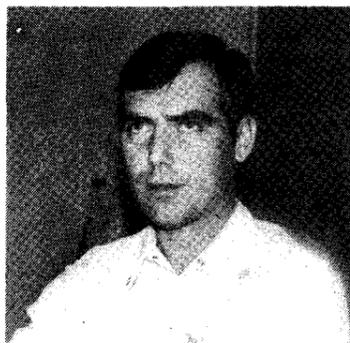


**Spec. 5 Gustav Jicha, Co. C**—"I'm aware of what is available—college courses, correspondence courses, and they used to have prep courses. They also had, or have, GT (General Technical Aptitude Area) tests, and Clep tests. I think the education office is in need of more and better counselors to help the people, and also treat them more like individuals."



**SSG Donald McElroy, Co. B**—"Currently, I'm not taking any courses, but I am aware of the programs that exist here. I work at the Tech Library, so information is easily available to me on nearby colleges. The courses available on Redstone are actually quite comprehensive, but improvements could be made. I'd like to see them bring in technical courses such as welding, small engine repair, refrigeration, and etc. I think if those kind of courses were available here, they would be taken advantage of."

**Spec. 4 Grady Garner, Mircom**—"I have no idea what is available. I've seen nothing posted, or any details on any of the opportunities. I go to college at Calhoun, but I found out about that at the college."



## Our Buyers Kit Is A Better Way To Find Your New Home.

### 140 ACRES

15 acres are in timber, the whole farm is fenced and a 40 acre pasture is cross-fenced, a beautiful year round spring and creek, two barns, two block buildings. In Tennessee at Bellbuckle. \$47,500.

### HOME AND POND

Located on 3/4 acre lot in Union Grove. 3 bedroom frame home with large den with fireplace, 1 1/2 baths, country kitchen, detached double garage and storage building. \$15,900 and you finish remodeling. 2UG.

### MOBILE HOME

3 1/2 year old double wide mobile home (24-60) on 1 acre lot located on Jeff Rd. All kitchen appliances remain, including dishwasher. 10x14' storm shelter. Trailer can be purchased separately.

### LOW 30's

Builder will pay closing costs, 3 bedrooms, 2 full baths. Great Room, Central Heat & Air, very large closets. Garage and privacy fence. S.W. 4061S.

### FULL BASEMENT

Immaculate, 4 BR's, plus a foyer, living room, formal dining room, den with fireplace, breakfast room with bay window overlooking wooded private backyard AND a full heated & cooled basement and double garage. S.E. 2612 G.M.

### 27 1/2 ACRES

more or less. Completely under fence. Permanent pasture in fescue and orchard grass. 20 acres cleared with 7 1/2 acres wooded area with ideal building site. Property has year round spring that runs across property. 600 feet frontage on Highway 66 with city water to property. This is an ideal piece of property with no gullies, ruts, washes or large boulders. Owner will finance 75% at 9% for 3 to 5 years to qualified buyer.

### OWNER FINANCE

This freshly painted brick has new roof, new carpet. Purchase VA-FHA or owner will finance part of the equity. Just think! Your home can be paid for in only ten years. \$29,900. C3616

### SHARP NEW LISTING

Three bedroom brick rancher with 1 1/2 baths, large living room, a really big kitchen with lots of storage, single garage and large yard with a very nice patio. 3915 N. NW. \$25,900.

### A PALACE

is just what this beautiful three bedroom rancher is. Its lofty, beamed ceiling great room with its massive masonry fireplace is spectacular. We also offer a Formal Dining Room, plus a spacious eat-in kitchen with all the extras, a den with wet bar, a huge covered deck, a brick bar-b-q, a camper parking pad and many, many extras in this custom built home, in Madison's finest neighborhood. Conservatively priced at \$55,000.

### NEW LISTING

Sharp 3 bedroom, 1 1/2 bath with nice large country kitchen. Fenced back yard with patio. \$31,500 and owner will consider refinancing. 3310V. SW

### TRUE VALUE

is obvious in this NEW, BRICK, three bedroom home priced at only \$42,800. It features a spacious foyer, large great room with cathedral, beamed ceilings and massive fireplace, separate dining room, eat-in kitchen, conveniently located in Madison.

### SUPER SHARP

English Tudor 4 bedroom, 2 baths, tastefully decorated with L.R., D.R. and beautiful large kitchen with all built-ins. This home is still under warranty. Priced in Mid-Forties. 3916 G. Builders.



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Huntsville, Alabama

Spring Term offerings at Continuous Education include a wide variety of interesting, informative, and just plain fun courses. You can find courses for professional development, career redirection, and personal enrichment.

Registration for full-term courses, offered through Continuous Education, will be held Monday through Friday, March 6 - 10, from 9:00 a.m. to 6:00 p.m., in Room 228, Madison Hall. For further information, please call 895-6010.

## GENERAL INTEREST

### Language Development

(CD-202 - 3 sem. hrs.; CDN-202 - 4 c.e.u.)  
Study of the development of speech and language in the young child for persons working as, or preparing to become teaching associates in preschool or elementary school activities. Prerequisite - CD-101 or experience.

Instructor: Nancy S. Hodges, M.A.; Speech Therapist and Language Coordinator  
Schedule: Tuesdays & Thursdays; 6:00 - 8:00 p.m.; March 21 - May 25  
Location: 222 Madison Hall  
Fee: \$87

### Teaching the Young Child

(CD-203 - 3 sem. hrs.; CDN-203 - 4 c.e.u.)  
Study of the total pattern of child development, curriculum learning methods, and guidance of the child from two to nine years of age for persons working in preschool activities or as paraprofessionals in the lower elementary grades. Prerequisite - CD-101.

Instructor: Joseph R. Tremul; Ph.D.; Director, Mental Retardation Services, Marshall-Jackson Counties  
Schedule: Mondays & Wednesdays; 6:00 - 8:00 p.m.; March 20 - May 24  
Location: 222 Madison Hall  
Fee: \$87

### Local History:

#### Huntsville in the Nineteenth Century

(HY-201 - 1 sem. hr.; CE-R114 - 1.5 c.e.u.)  
A lecture and discussion series which explores main themes of Huntsville's history from its beginning in 1805 to 1900, designed to acquaint participants with the varied and interesting history of Huntsville.

Instructor: Frances C. Roberts, Ph.D.; Professor of History, UAH  
Schedule: Saturdays; 9:00 a.m. - 12:00 noon; April 1, 8, 15, and 22 Sunday; 2:00 - 6:00 p.m.; April 23  
Location: 200 Morton Hall  
Fee: \$35, plus \$2.50 for materials

#### Fundamentals of Home Furnishings

(ID-101 - 3 sem. hrs.; IDN-101 4 c.e.u.)  
Introductory survey of furnishings for the home designed for homemakers and for persons initiating studies in the field of interior decoration.

Instructor: LaMerle Mikell; B.S.; Adjunct Assistant Professor of Interior Decoration, UAH  
Schedule: Tuesdays & Thursdays; 6:00 - 8:00 p.m.; March 21 - May 25  
Location: 309 Madison Hall  
Fee: \$87

#### Introductory Architectural Planning

(ID-201 - 3 sem. hrs.; IDN-201 - 4 c.e.u.)  
Survey of architectural planning and drawing, primarily as these topics relate to interior decoration.

Instructor: Joe F. Milberger; B. Arch.; A.I.A.; Milberger, Rutland and Associates  
Schedule: Saturdays; 8:30 a.m. - 12:30 p.m.; March 25 - May 27  
Location: 309 Madison Hall  
Fee: \$87

#### Interior Decoration Problems

(ID-202 - 3 sem. hrs.; IDN-202 - 4 c.e.u.)  
Detailed study of selected problems in interior decoration designed for the more serious student pursuing interior decoration courses. Prerequisite: Two introductory courses in Interior Decoration.

Instructor: LaMerle Mikell B.S.; Adjunct Assistant Professor of Interior Decoration, UAH  
Schedule: Tuesdays & Thursdays; 9:00 - 11:00 a.m.; March 21 - May 25

#### Reading: Speed and Comprehension Improvement

(CE-R24 - 2 c.e.u.)  
A course providing individuals with an opportunity to improve their rate of reading and comprehension. This course is designed to assist adults in the improvement of their reading speed and reading comprehension.

Instructor: Martha L. Larson; M. Ed.; Reading Consultant and Part-time Instructor, UAH.  
Schedule: Tuesdays; 6:00 - 8:00 p.m.; March 21 - May 23  
Location: 213 Madison Hall  
Fee: \$65 for course, materials and video-aids included.

#### The Divorce Experience: A Creative Approach

(CE-R33 - 2 c.e.u.)  
An exploration of the effects divorce has on men, women and children, and how this experience can be used in a creative way for personal growth. Designed to assist the newly divorced person in the process of building and creating a new life.

Instructor: Robert E. Gonia; M. Th.; TARCOG  
Schedule: Wednesdays; 7:00 - 9:00 p.m.; March 22 - May 24  
Location: TBA  
Fee: \$40

#### Interpersonal Communications Process

(CE-R54 - 2 c.e.u.)  
The intent of this course is for participants to gain an awareness and working knowledge of communication skills necessary to create and/or maintain positive interpersonal interactions.

Instructor: Reese E. Kilgo; Ph.D.; Associate Professor of Education, Adjunct Associate Professor of Sociology, UAH.  
Schedule: Wednesdays; 6:00 - 8:00 p.m.; March 22 - May 10  
Location: 109 Madison Hall  
Fee: \$40

#### Piano For Adults

(CE-R60) - 1 c.e.u.)  
Beginning piano instruction for adults, lessons will include development of skills in music reading, chording playing by ear, and accompanying. This course is designed for adults with little or no previous experience in music who wish to learn to play the piano.

Instructor: Janet H. Dodson; M.M.; Instructor of Piano, Music Department, UAH.  
Schedule: Fridays; 10:00 - 11:00 a.m.; March 24 - May 26  
Location: 109 Humanities Building.  
Fee: \$50

#### Pen and Ink Workshop

(CE-R72 - 2 c.e.u.)  
An informal pen and ink workshop which offers basic instruction in drawing techniques and styles as well as proper use of the tools and materials of pen and ink drawing. Designed to provide participants with information and instructional assistance in pen and ink drawing.

Instructor: Richard C. Pope; M.A.; Associate Professor of Art, UAH.  
Schedule: Saturdays; 9:30 a.m. - 12:00 noon; March 25 - May 13  
Location: 201 Humanities Building  
Fee: \$40, plus materials

#### Residential Building Fundamentals

(CE-R85 - 2 c.e.u.)  
Introduction and development of skills in the site selection and development, architectural planning and structural understanding, blue print reading, sources of plans and specifications, insulation, materials and finishes, cost saving techniques, maintenance, owner/contractor relationship, renovation and remodeling, and governing codes and agencies, necessary for successful residential building.

Instructor: Joe F. Milberger; A.I.A.; Milberger, Rutland and Associates, Inc., Architects.  
Schedule: Thursday; 6:00 - 8:00 p.m.; March 23 - May 25  
Location: 108 Madison Hall  
Fee: \$40

#### Automobilia

(CE-R102 - 2 c.e.u.)  
A practical study of the evolution of the automobile. This course will present a mixture of worldwide automotive history, styling engineering, trends and personalities. The course will include a variety of special features such as technical details, photographs, slides and field trips.

Instructor: Eugene W. George; B.S.; Active Automotive Collector and Historian.  
Schedule: Wednesdays; 6:00 - 8:00 p.m.; March 22 - May 24

## SPRING SWIMMING CLINIC

The Division of Continuous Education in cooperation with the Athletics Department is happy to present UAH's first Spring Swimming Clinic. Swimming is, today, an essential skill and is certainly one of the most beneficial and fun exercise methods available.

This clinic will provide an ideal reconditioner for the summer months for the entire family. It is presented for your convenience on Saturdays throughout the Spring Term. Courses include the following:

#### Tiny Tots - "Kickers Up"

Children, ages 6 months to 3 years, will be taught a conditioning reflex that will discipline them to move about in the water in a simulated swimming motion. This ability can be a tremendous safeguard for the summer swimming pool months.

Schedule: Saturdays; 8:30 - 9:20 a.m.

#### Beginner Swimming

Youngsters, ages 3 to 6, will be given 50 minutes of instruction by the Red Cross method. At the conclusion of 10 weeks instruction, the child will be able to perform the basic crawl stroke; 10 yards back stroke; and water safety skills, including release of a cramp, elementary forms of rescue assists, turning and changing directions in the water, and treading water.

Schedule: Saturdays; 9:30 - 10:20 a.m.

#### Advanced Beginner Swimming

Young people, ages 6 to 9, will receive 50 minutes of instruction in improving swimming skills. They will learn survival floating, all elementary forms of rescue, 25 yards of swim crawl and back stroke, treading water, and motionless resting.

Schedule: Saturday; 10:30 - 11:20 a.m.

#### Competitive Stroke Swim

Swimmers, ages 5 to 17, who need to improve their stroke mechanics will find this course an excellent re-conditioner for the summer. Instruction will center on butterfly, breast, back, and free strokes.

Schedule: Saturdays; 11:30 a.m. - 12:20 p.m.

#### Competitive Stroke Swim for Adults

This conditioning and training class will be offered for persons 18 and above. Instruction will offer the opportunity for participants to improve and sharpen their stroke mechanics as well as recondition their bodies.

Schedule: Saturdays; 3:00 - 3:50 p.m.

#### Swimnastics

A continuous, all year program for adults designed to regain muscle tone lost through lack of exercise, overweight, pregnancies, or physical impairment. This program, designed for therapeutic values as well as muscle tone, will consist of 50 minutes instruction for 10 weeks per session.

Schedule: Saturdays; 2:00 - 2:50 p.m.

Instructor: Ms. Rosie Vijil; Water Safety Instructor; Instructor of Swimming, UAH  
Schedule: Saturdays; time as listed per instruction; March 25 - May 27  
Location: Natatorium, Spragins Hall, UAH  
Fee: \$35, each course

A variety of trophies, University certificates, and Red Cross Pins will be awarded upon successful completion of the Spring Swimming Clinic Courses.

## BUSINESS AND MANAGEMENT

#### COST MODELING AND ESTIMATING

(MN-524 - 3 sem. hrs.; MNN-524 - 4 c.e.u.)  
Introduction to the theory and application of costing techniques in management and engineering intended to provide individuals with both the fundamental approach and tools for dealing with general cost evaluation situations.

Instructors: Richard M. Wyskida; Ph.D. School of Engineering, UAH  
Patrick B. Lawler; M.S. Engr., U.S.A. MIRADCOM

## SCIENCE AND TECHNOLOGY

### FOUNDATIONS OF MODERN TECHNOLOGY II/PROFESSIONAL ENGINEERING REVIEW II

(MT-502 3 sem. hrs.; CE-102 - 4 c.e.u.)  
Continuation of MT-501/CE-T01. General examination of the mathematical and physical foundations of modern technology designed to assist individuals in updating previous training. Prerequisite: Bachelor's degree (or the equivalent) in engineering or related area.

Instructors: Wilhelm Kubitz, D. Sc.; School of Engineering, UAH.  
Specialists will lecture in various subjects.

Schedule: Mondays and Wednesdays; 6:00 - 8:00 p.m.; March 20 - May 24  
Location: Research Institute - D30  
Fee: MT-502 - \$153; CE-T02 - \$100

### PHYSICS OF MODERN TECHNOLOGY

(MT-503 - 3 sem. hrs.; MTN-503 - 4 c.e.u.)  
A survey of advanced topics in physics as related to modern technology primarily designed for engineers and scientists who desire a basic knowledge of concepts in modern physics. Prerequisite: Bachelor's degree (or the equivalent) in engineering or related area.

Instructor: J. Edwin Rush, Jr., Ph.D., Physics Department, UAH  
Schedule: Tuesdays and Thursdays; 8:30 a.m. - 12:30 p.m.; March 28 - April 20  
Location: 149 Science Building  
Fee: \$153

### MATHEMATICS OF MODERN TECHNOLOGY

(MT-504 - 3 sem. hrs.; MTN-504 - 4 c.e.u.)  
Survey of advanced topics in mathematics especially useful in modern technology designed as a refresher or introduction to advanced applied mathematics, primarily to assist individuals in up-dating their capabilities in this field. Prerequisite: Bachelor's degree (or the equivalent) in engineering or related area.

Instructor: John R. Glaese, Ph.D., NASA, Marshall Space Flight Center  
Schedule: Tuesdays and Thursdays; 6:00 - 8:00 p.m.; March 14 - May 25  
Location: TBA  
Fee: \$153

### RADAR TECHNOLOGY: FUNDAMENTAL CONCEPTS AND SYSTEMS

(MT-511 - 3 sem. hrs.; MTN-511 - 4 c.e.u.)  
Intensive survey of radar theory, techniques, systems, and components designed to be of value to users of radar, electrical and mechanical component specialists, operations and systems analysts, as well as persons working in the radar field. Prerequisite: Bachelor's degree (or the equivalent) in engineering or related area.

Instructors: Robert J. Polge, Ph.D., School of Engineering, UAH  
B. K. Bhagavan, Ph.D.; Computer Sciences Corporation.  
Schedule: Tuesdays and Thursdays; 4:00 - 6:00 p.m. March 21 - May 25  
Location: 223 Madison Hall  
Fee: \$153

### INFRARED TECHNOLOGY: CONCEPTS AND APPLICATIONS

(MT-512 - 3 sem. hrs.; MTN-512 - 4 c.e.u.)  
An intensive survey of the generation, transmission, and detection of infrared radiation primarily for engineers and scientists who desire an intensive introduction to infrared technology. Prerequisite: Bachelor's degree (or the equivalent) in engineering or related area.

Instructor: Joseph L. Randall, Ph.D.; NASA, Marshall Space Flight Center  
Schedule: Tuesdays and Thursdays; 6:00 - 8:00 p.m.; March 21 - May 25  
Location: TBA  
Fee: \$153

### OPTICS TECHNOLOGY

(MT-525 - 3 sem. hrs.; MTN-525 - 4 c.e.u.)  
Intensive survey of the principles of optics with applications in modern optical devices and systems primarily for engineers and scientists who need a more comprehensive background in modern optics. Prerequisite: Bachelor's degree (or the equivalent) in a technical area.

(or the equivalent) in a technical area.  
Instructor: Bernard J. Schroer, Ph.D.; Johnson Environmental and Energy Studies, UAH  
Schedule: Short-term course: April 17 through April 28; Monday through Friday; 8:00 a.m. - 12:00 noon.  
Reservations must be made by April 14.  
Location: TBA  
Fee: \$250 for the course, textbook included.

### ENGINEERING DRAWING

(CE-T60 - 4 c.e.u.)  
Beginning engineering drawing and graphics with the following topics: lettering, multiview drawing, dimensions, design drawing and special topics.  
Instructor: Ken B. Robertson, III, BID  
Schedule: Tuesdays; 4:45 - 8:45 p.m.; March 21 - May 23  
Location: M-25 Research Institute  
Fee: \$90

### SOLAR SYSTEM ANALYSIS: PART I HEATING SYSTEM PERFORMANCES

(CE-T67 - 4 c.e.u.)  
An introduction to the basic principles of solar heating system performance estimation and overall system economics intended to provide engineers, architects, contractors, and related practitioners simplified procedures for making solar heating system performance and economic evaluation. Prerequisite: Bachelor's degree (or the equivalent) in engineering or a related area.

Instructors: William R. Humphries, Ph.D.; NASA, Marshall Space Flight Center  
Jonathan M. Nash, Ph.D.; IBM Corporation  
Schedule: Mondays and Wednesdays; 8:00 - 10:00 p.m.; March 20 - May 24  
Location: TBA  
Fee: \$100

### PERSONAL AND SMALL BUSINESS COMPUTERS

(CE-T78 - 4 c.e.u.)  
This course provides an introduction to computers for home and small business applications, using the new TRS-80 Personalized Computer to afford on-hand experience in BASIC language program. It includes a general introduction to computer terminology and concepts.

Instructor: Robert N. Seitz, Ph.D., NASA, Marshall Space Flight Center  
Schedule: Mondays and Wednesdays; 6:00 - 8:00 p.m.; March 20 - May 24  
Location: TBA  
Fee: \$80

### AIR POLLUTION: ANALYSIS AND CONTROL

(CE-T84 - 4 c.e.u.)  
Introduction to analysis and control of air gases contamination generated by industry, traffic emission, or atmospheric conditions designed for laboratory personnel involved in analysis of air and air contaminants. Prerequisite: Basic chemistry or field experience.

Instructor: W. Edward Luttgens, M.S.; Johnson Environmental and Energy Center, UAH  
Schedule: Tuesdays and Thursdays; 4:00 - 6:00 p.m.; March 21 - May 25  
Location: 351 Science Building  
Fee: \$150, textbook included

### INTRODUCTION TO THE FINITE ELEMENT METHOD

(CE-T85 - 4 c.e.u.)  
A review of classical methods such as moment distributions and clope deflections plus the matrix method of structural analysis for trusses, beams, and frames is followed by introduction to the basic concepts of the finite element method. This course is designed to provide structural engineers with the introductory and comprehensive information on the finite element method.

Instructor: T. J. Chung, Ph.D., School of Engineering, UAH  
Schedule: Tuesdays and Thursdays; 6:00 - 8:00 p.m.; March 21 - May 25  
Location: Research Institute D-30  
Fee: \$180, textbook included

### DECATUR EXTENSION (Master of Administrative Science Program)

### COMPLEX ORGANIZATIONS (AS-623 - 3 sem. hrs.)

Location: 309 Madison Hall  
Fee: \$87

### Introduction to Criminal Justice

(LE-101 - 3 sem. hrs.; LEN-101 - 4 c.e.u.)  
An introductory survey of the panorama of the criminal justice system designed to assist students planning for professional career service in criminal justice and to help interested citizens obtain a better insight into the criminal justice system.

Instructor: Francis J. Faraci; J.D.; U.S. Army Missile Materiel Readiness Command

Schedule: Saturdays, 8:30 a.m. - 12:30 p.m.; March 25 - May 27

Location: 223 Madison Hall  
Fee: \$87

### Law Enforcement Operations

(LE-102 - 3 sem. hrs.; LEN-102 - 4 c.e.u.)  
A study of the functions and relationships in line elements of law enforcement agencies. Students will be placed in various law enforcement agencies, according to preference, and required to contribute 40 hours during the term to the operation of the agency.

Instructors: Timothy W. Morgan; District Attorney's Office Robert W. Smith; Huntsville Police Department T.C. Bill; Probation and Parole Office.

Schedule: Hours to be arranged through the Division of continuous education

Fee: \$87

### Introduction to Criminalistics

(LE-203 - 3 sem. hrs.; LEN-203 - 4 c.e.u.)  
Introductory survey of the scientific approach to criminal investigation intended to develop an appreciation on the part of law enforcement officers and students of the potentialities of scientific crime detection. Prerequisite: LE-101 or experience.

Instructor: Brent A. Wheeler; M.S.; Alabama Department of Toxicology and Criminal Investigation

Schedule: Tuesdays & Thursdays, 6:00 - 8 p.m.; March 21 - May 25

Location: 207 Madison Hall  
(LS-101 - 1 sem. hr.; LSN-101 - 1.6 c.e.u.)  
Fee: \$87

### Cardiopulmonary Resuscitation

A course designed to provide the student with the cognitive and psychomotor skills needed to perform cardiopulmonary resuscitation on an infant or adult who has suffered respiratory and cardiac arrest. Teaching strategies and principles are emphasized.

Instructor: Joan Williamson; M.S.N.; Assistant Professor of Nursing, UAH

Schedule: Section A: Saturdays, 8:00 a.m. - 5:00 p.m.; April 1 & 8. Section B: Saturdays, 8:00 a.m. - 5:00 p.m.; May 6 & 13

Location: 135 ACC  
Fee: \$35, materials included

### Investments and Securities

(CE-R06 - 2 c.e.u.)  
This course presents a basic vocabulary of investment and security items, gives an overview of the market in stocks and bonds, and outlines the procedures and practices to be followed by the average small investor.

Instructor: J. Randall Holmes; M.S.; Merrill Lynch, Pierce, Fenner and Smith, Inc.

Schedule: Thursdays, 6:00 - 8:00 p.m.; March 23 - May 25

Location: 109 Madison Hall  
Fee: \$40

### Conversational French

(CE-R11 - 4 c.e.u.)  
A practical course in elementary French conversation and culture, designed to give the participant an opportunity to learn the French language informally.

Instructor: Francoise Perrard; Teacher's Certification, France.

Schedule: Mondays and Wednesdays, 6:00 - 8:00 p.m.; March 20 - May 24

Location: 309 Madison Hall  
Fee: \$87

### Law For The Layman

(CE-R15 - 2 c.e.u.)  
A survey of personal legal rights and how to protect them. Discussion will cover legal problems that the average person can expect to encounter in his every-day life.

Instructor: Bruce E. Williams; J.D.; Attorney at Law

Schedule: Mondays, 6:00 - 8:00 p.m.; March 20 - May 22

Location: 109 Madison Hall  
Fee: \$40

### Creative Writing

(CE-R20 - 2 c.e.u.)  
An informal, practical course in creative writing for the layman. Included will be basic instruction on the writing process, information on finding appropriate publishers, and evaluation of work by the students.

Instructor: Mollie G. Daugherty; A.B.; Freelance Writer and former Editor and Adjunct Instructor of English, UAH

Schedule: Wednesdays, 6:00 - 8:00 p.m.; March 22 - May 24

Location: 223 Madison Hall  
Fee: \$40

Location: 108 Madison Hall  
Fee: \$40

### Fiddlesticks, Jews Harps, Hambones and Other Significant Musical Instruments

(CE-R103 - 2 c.e.u.)  
This practical and fun workshop will provide information on the history and technical detail of some of the most ancient musical instruments. Musical techniques for playing these instruments will be demonstrated and taught. Participants will receive personalized and informal instruction.

Instructor: William Shaw; Human Resources Development; RSA

Schedule: Tuesdays, 6:00 - 8:00 p.m.; March 21 - May 23

Location: 109 Madison Hall  
Fee: \$40

### Psychological Weight Management

(CE-R105 - 1.6 c.e.u.)  
A total program to teach the overweight person how to change his/her eating patterns and to develop new and constructive habits that will result in weight loss and permanent weight control.

Instructor: Susan Surrency; M.R.C.; Certified Rehabilitation Counselor.

Schedule: Tuesdays, 6:00 - 8:00 p.m.; March 21 - May 9

Location: 108 Madison Hall  
Fee: \$40

### Customs, Costumes, Make-up Of Eastern Dance

(CE-R106 - 2 c.e.u.)  
A study of Eastern Dance including history, costumes, music, ethnic influences and cosmetics, in addition to dance lessons. Designed to provide practical information on Eastern Dance and fun as well as excellent exercise in actual performance of this art form.

Instructor: Maries Jania Barker; AA Fine Arts; Instructor of Dance and Professional Dancer.

Schedule: Section I: Thursdays, 6:00 - 8:00 p.m.; March 23 - May 25

Section II: Wednesdays, 9:30 - 11:30 a.m.; March 22 - May 24

Location: Section I: TBA  
Section II: Recital Hall, Humanities Building

Fee: \$40

### Science Fiction Literature

(CE-R107 - 2 c.e.u.)  
This lecture/discussion course will study one of the most popular and significant literary forms of today, Science Fiction. The material will be examined from the standpoint of literary merit as well as for the sociological, scientific and philosophical questions raised.

Instructor: Cleve Callison; Ph.D.; Director, Fine Arts, WLRH Public Radio

Schedule: Mondays, 6:00 - 8:00 p.m.; March 20 - May 22

Location: 309 Madison Hall  
Fee: \$40

### Introduction to Palmistry

(CE-R109 - 1.2 c.e.u.)  
An introduction to the techniques of palmistry with major emphasis on chiromancy (study of hand lines) and character analysis, designed to acquaint persons interested in palmistry with the techniques and art of palm reading.

Instructor: William D. Stephens; Ph.D.; Experienced Palmist and Lecturer on Palmistry.

Schedule: Thursdays, 6:00 - 7:30 p.m.; March 23 - May 11

Location: To be announced  
Fee: \$20

### Publicity and Public Relations

(CE-R111 - 2 c.e.u.)  
A general course in publicity and public relations including information on history, making the news happen, how to write and submit news releases, how to hit the magazines, speech writing and rehearsing, slide lectures and film shows, radio and television publicity, and a variety of other promotional tools and techniques.

Instructor: R. Verle Johnson; M.S.; U.S. Army Missile Materiel Readiness Command

Schedule: Thursdays, 6:00 - 8:00 p.m.; March 23 - May 25

Location: 110 Madison Hall  
Fee: \$40

### American Genealogical Research II

(CE-R116 - 2 c.e.u.)  
Lectures and discussions of genealogical research procedures will include a detailed examination of records available to researchers in the U.S.; how to analyze a pedigree and identify areas needing further research; and suggestions for organizing and evaluating information discovered.

Instructor: Helen B. McKnight; B.S.; Genealogist

Schedule: Wednesdays, 6:00 - 8:00 p.m.; March 22 - May 24

Location: To be announced  
Fee: \$40

Schedule: Monday through Friday, 10:00 a.m. - 12:00 noon,  
April 3 - 14. Reservations by March 27

Location: TBA  
Fee: \$153

### LEGAL ASPECTS OF CONTRACTS

(MN-542 - 3 sem. hrs.; MNN-542 - 4 c.e.u.)  
A study of governmental procurement laws and regulations, contract construction, patents, and copy rights, and the Uniform Commercial Code primarily designed for governmental and industrial contract administration personnel. Prerequisite: Bachelor's degree or equivalent in an administrative or technical area.

Instructor: Ed Blanton, Jr.; J.D.; Legal Office, R.S.A.

Schedule: Monday and Wednesday, 6:00 - 8:00 p.m.; March 20 - May 24

Location: TBA  
Fee: \$153

### Principles of Supervision

(CE-S11 - 2 c.e.u.)  
A practical course in the concepts and practices of management for supervisors. The five functions - planning, organizing, staffing, directing, and controlling - are stressed. Case studies will consider actual situations.

Instructor: Ronald Baudendistel; MAS; Chrysler Corporation

Schedule: Mondays, 6:00 - 8:00 p.m.; March 20 - May 22

Location: TBA  
Fee: \$75

### SMALL BUSINESS MANAGEMENT

(CE-S41 - 2 c.e.u.)  
A practical course in the organization and management of small businesses. It emphasizes basic business principles, business management, and business procedures, with attention to actual details of operating a small business.

Instructor: Charles Hopson; MBA; Astro Space Laboratories

Schedule: Thursdays, 6:00 - 8:00 p.m.; March 23 - May 25

Location: TBA  
Fee: \$55

### MARKETING TECHNIQUES FOR SMALL BUSINESS

(CE-S45 - 2 c.e.u.)  
A practical course in Marketing - personal selling; advertising selection; point of purchase marketing; use of manufacturers' agents, distributors, brokers; and determining sales potential are key topics covered.

Instructor: John Melvin Cundiff; BBA; North Alabama Business Development Organization

Schedule: Mondays, 6:00 - 8:00 p.m.; March 20 - May 22

Location: TBA  
Fee: \$55

### PRINCIPLES OF REAL ESTATE (GRI-I)

(CE-S56 - 4.5 c.e.u.)  
Study of the principles involved in the real estate business. Topics include real estate law, market analysis, brokerage, finance, taxation, property management, land use planning, listing, prospecting, advertising, and the Alabama license law.

Instructor: Gary L. Rigney; J.D. Attorney at Law. Guest lecturers will present special topics

Schedule: Tuesdays and Thursdays, 6:00 - 8:30 p.m.; March 21 - May 25

Location: 419 Humanities Building  
Fee: \$85 for course; \$25 for GRI-I examination; approved by VA

### DATA BASE SYSTEMS

(CE-S64 - 1.4 c.e.u.)  
An intensive examination of data base management systems designed to provide a superior analysis of the current state of the art of data base development and an understanding of the latest techniques for developing and implementing an effective data base system.

Instructor: George Schussel; D.B.A.; American Mutual Insurance Companies

Schedule: Thursday and Friday, 8:30 - 4:30; April 6 & 7

Location: TBA  
Fee: \$150 for course, materials included

### APPLIED LAW FOR THE SMALL BUSINESS

(CE-S82 - 1.5 c.e.u.)  
An examination of general areas of business including business financing, contracts, insurance, taxes, attorney-client relations, liability, wills and estates, property law and bailments, and corporate information.

Instructor: John W. Harrison; J.D.; Attorney-at-Law

Schedule: Saturdays, 9:00 a.m. - 5:00 p.m.; March 25 & April 1

Location: TBA  
Fee: \$45

Instructor: Charles L. Wyman, Ph.D.; Marshall Space Flight Center

Schedule: Mondays and Wednesdays, 4:30 - 6:30 p.m.; March 20 - May 31

Schedule: Mondays and Wednesdays, 4:30 - 6:30 p.m.; March 20 - May 31

Location: TBA  
Fee: \$153

### TECHNICAL WRITING FOR ENGINEERS AND SCIENTISTS

(CE-T08 - 2 c.e.u.)  
A survey of the fundamentals of technical writing designed to improve the ability of engineers, scientists, and other technical personnel in preparing effective written materials.

Instructor: A. L. Castelli, Ed.D.; UAH

Schedule: Wednesday, 6:00 - 8:00 p.m.; March - May 24

Location: TBA  
Fee: \$87

### INTEGRATED ELECTRONICS

(CE-T29 - 4 c.e.u.)  
An introductory survey of the theory and application of semiconductor integrated circuits intended for the practicing engineer or technical specialist, providing up-to-date information in this field. Prerequisite: Engineering degree or considerable technical experience.

Instructor: Dennis Smith, Ph.D.; UAB

Schedule: Short-term course: March 13 through March 24; Monday through Friday, 12:30 to 4:30 p.m. Reservations must be made by March 10.

Location: TBA  
Fee: \$250 for the course, textbook included.

### ACTIVE FILTERS: DESIGN AND APPLICATIONS

(CE-T39 - 4 c.e.u.)  
An intensive introduction to the design of active filters and their applications primarily intended for practicing engineers and scientists, providing an up-to-date survey of the important and rapidly advancing area of active filters. Prerequisite: Bachelor's degree (or the equivalent) in electrical engineering or related area.

Instructor: Naim A. Kheir, Ph.D.; School of Engineering, UAH

Schedule: Short-term course: April 3 through April 14; Monday through Friday, 1:30 - 5:30 p.m. Reservations must be made by March 31.

Location: TBA  
Fee: \$250 for the course, textbook included.

### GENERAL PURPOSE SIMULATION SYSTEM

(CE-T54 - 4 c.e.u.)  
An intensive introduction to the simulation programming language GPSS (General Purpose Simulation System) designed for engineers, technical managers, systems analysts and others who desire a basic knowledge of GPSS to build computer models for discrete event simulations. Prerequisite: Bachelor's degree

Location: TBA  
Fee: \$153

structures. Introduces the student to the study of organizations by considering them from the perspectives of management, psychology, sociology, political science and economics. Organization research and assessment are emphasized.

Instructor: Arthur E. Sanderson, M.A.; NASA, Marshall Space Flight Center

Schedule: Mondays, 5:00 - 9:00 p.m.; March 20 - May 29

Location: 230 Classroom Building, Calhoun Community College  
Fee: \$100

### ORGANIZATIONAL PLANNING, DIRECTION, COORDINATION AND CONTROL

(AS-624 - 3 sem. hrs.)  
A study of the major administrative functions of planning, directing, coordinating and controlling in an organizational setting. Forecasting and planning objectives and techniques are investigated.

Instructor: Eugene Olsen, Ph.D.; Business Administration, UAH

Schedule: Thursdays, 5:00 - 9:00 p.m.; March 23 - June 1

Location: 230 Classroom Building, Calhoun Community College  
Fee: \$100

### SEMINAR IN MARKETING

(MKT-560 - 3 sem. hrs.)  
Provides an opportunity for advanced students to examine and review selected classics in the literature and recent developments in marketing theory and application to marketing problem solving.

Instructor: Norman Bucher, Ph.D.; Administrative Science, UAH

Schedule: Wednesdays, 5:00 - 9:00 p.m.; March 22 - May 31

Location: 230 Classroom Building, Calhoun Community College  
Fee: \$100

### REDSTONE ARSENAL EXTENSION BUSINESS DECISION ECONOMICS

(AS-626 - 3 sem. hrs.)  
Introduction to the economic and financial problems of business, the decision making techniques for solving the problems. Covers business objectives, demand, market structure, costs, cash flow and various economic decision techniques.

Instructor: Berwil Davis, Ph.D.; Lecturer in Administrative Science

Schedule: Tuesdays, 5:00 - 9:00 p.m.; March 21 - May 30

Location: Room 1, Building 7446, Redstone Arsenal  
Fee: \$100

### MISSILE AERODYNAMICS

(EG-659 - 3 sem. hrs.)  
The aerodynamic process for missiles will be examined by treating the components of the missiles themselves for engineers and scientists active in and requiring knowledge of this field.

Instructor: Donald Spring, Ph.D.; MIRADCOM

Schedule: Tuesday and Thursday, 4:45 - 6:45 p.m.; March 21 - May 25

Location: Redstone Arsenal  
Fee: \$153

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Old-timer

# Fanning Recalls The Early Days

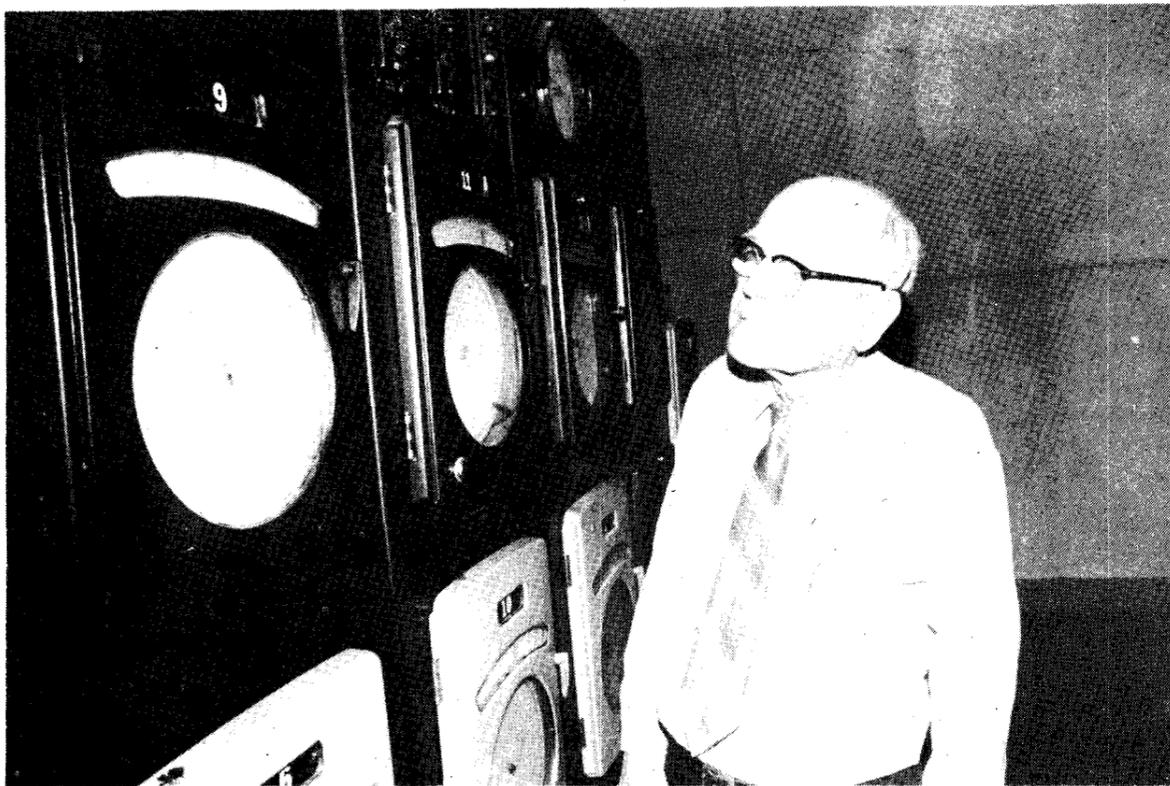
Henry Fanning looked fondly at the yellowed old photograph. It is in a dusty frame on a concrete wall at the main water treatment plant. Slowly he trails a worn finger over the robust men with pleated pants and slicked-back hair. "He's dead of a heart attack . . . he's retired . . . this one died of diabetes . . . I'm right here . . . Cancer took him . . ."

Reminiscing on days that were, Fanning was aware that his employment too was finally coming to an end, after more than 35 years.

At the arsenal since World War II, he is retiring. He will clean out his desk tomorrow, his 70th birthday, by government standards too old to continue on the job.

One of very few workers left here who pre-dates the missile era, when Redstone Arsenal made ammunition and chemical warfare agents, Fanning recalls it as a hectic time. There were jobs for everybody, who could find a way to get to work.

People congregated at gates each morning hoping to hitch a ride into the arsenal. Fanning's '36 Dodge was usually packed full because, he recalls, "the only way to get gas



Fanning checks gauges at water treatment plant.

and tires was to keep a load of riders. You had to sign 'em up and they'd figure the miles you had to drive and give you stamps to get enough gas to get to work. You had to have a certificate to get tires. All you could get was recaps."

"I hired in on the fourth day of November, 1942," Fanning recounts. He went to work at a sewage treatment plant, and in 1947 moved into a job as water treatment plant operator. Between the two jobs, Fanning was forced once to look for other work, but fortunately managed to hold on to his job. "It was after the war, and this arsenal got down so low that it looked like it was going to shut down", he said.

One thing that sticks in Fanning's mind is the high security that prevailed here in earlier years. The main water treatment plant was built out of steel-reinforced concrete, with no windows so it could be completely blacked-out in the event of enemy attack.

Patrol boats passed the water plant regularly as they guarded the arsenal's southern boundary. So critical was the water supply that the treatment plant was surrounded with a barbed wire-topped fence. No one was admitted without a special pass. Day and night an armed guard was posted at the gate, and at other times at a station on the roof of the treatment plant so all approaches could be scanned, Fanning remembers.

But the nearest the plant ever came to

being put out of commission was the result of floods, particularly in 1973 when waters rose to within 14 inches of it. Shift workers had to be "floated in" with boats and amphibious craft. Not only were the workers trapped. There were some animals also, including a skunk which became affectionately known as "our pet polecat", Fanning recalls. "It just stayed there under a locker and looked at us. We'd pitch it food, and it would come out and eat it when we went away", he said. The skunk was a hospitable guest, he added.

But for all that, Fanning never missed a day's work. In fact, he's missed very few during his entire government career. He's very proud of saving about 2,770 hours — approximately a year and four months — of sick leave. He also has about four or five months of vacation time, accumulated years ago "when they wanted you to work instead of taking your leave."

Work, said Fanning, has been his life from the time he was a boy growing up on a farm in Madison County. "I've been working so long . . . I've always looked forward to coming to work and I've always tried to do my job as best I could. I've never looked forward to retiring as much as some people."

In retirement, he talks of a Florida vacation, visiting relatives in Texas, fishing, sleeping late. He says he has plenty of work around the house. But it won't be like his other work.



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# Leader of Men Heads Girl Scout Troop

LTC Albert G. Thompson is a busy man. If you had nine jobs, you'd be busy too.

Thompson is the Army Communications Command's liaison officer to BMDSCOM. He is also communications electronics officer with BMDSCOM and runs the local communications for BMDSCOM and the surrounding complex. Thompson's Army jobs are enough to keep anyone hopping, but the colonel has even more jobs with another organization: scouting.

"I got started in scouting in the fall of 1969," said Thompson. "Garry, my oldest son, became 11 years old, and decided he wanted to be a boy scout. We were in Bangkok, Thailand at the time. I told the scoutmaster that I didn't believe in giving him the boy without contributing myself. I asked what I could do. He said they needed a chairman of the troop committee. I told him that I had no previous experience, but I'd try it. I found out it was primarily organizational and I'd been organizing things in the Army for a long time, so it worked out."

That was how Thompson got his first job in scouting. He's had plenty since. Right now he is Chairman of the RSA Scout Council, which coordinates activities between all the scouting activities on the Arsenal — brownies, cubs, girl and boy scouts, and explorers — and works out problems they might have.

He's also an assistant district commissioner for the Chickasaw boy scout district, serving as liaison between the district commission and various boy scout troops. He keeps them informed of district level activity such as training and generally acts as a friend to the scout troops, offering advice when requested.

Thompson is also scoutmaster of boy scout troop 234 and adult leader (the equivalent of scoutmaster) of girl scout troop 396.

"It is most unusual to have a male as an adult leader for girl scouts," said Thompson. "I got that job as a result of my RSA Scout Council work. I learned that the girls wanted to do camping, but hadn't had the opportunity. They needed help and experience. So we had a combined campout with boy and girl scouts on Madkin Mountain. It worked out like a charm.

"Now my girl scouts have more outdoor activities, more adventuresome activities. They have learned to rappel which is a

method of lowering yourself down a vertical or near vertical surface by using ropes. They will also learn to paddle canoes. We just had another combined campout with the boys. We have other activities too. In March we plan a trip to Savannah, Ga. to see the home of Juliet Lowe, and in May we'll go to see an operetta called *Daisy*."

Thompson is well qualified to guide the activities of his scouts. He has earned the Wood Badge for completing the highest training available to a boy scout leader, a one-week course in survival skills, leadership, and boy scout techniques. And he has plenty of ideas to keep his boy and girl scouts busy. "We're thinking about doing some cave exploring at a place north of Chattanooga," he said. "And in July we'll all go tubing down the Hiwassee River in Tennessee."

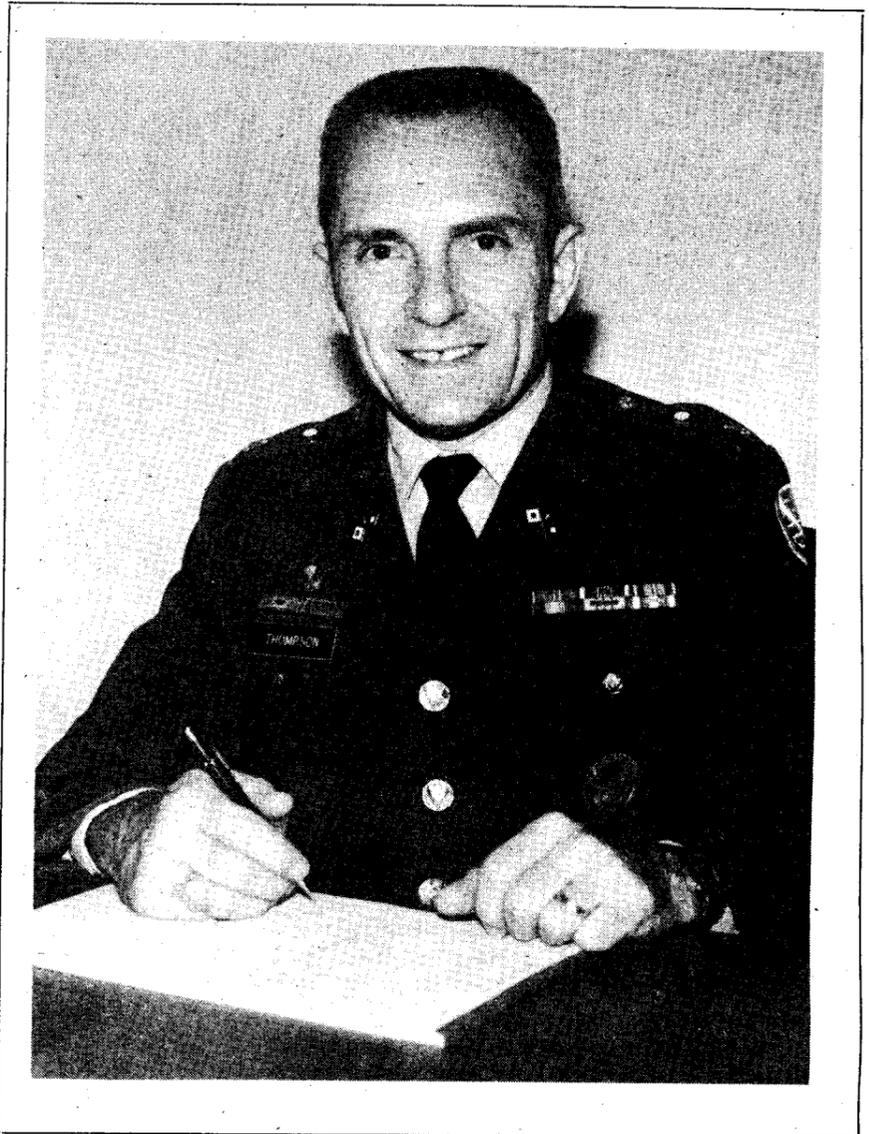
Another popular activity Thompson devised is the "Adventure Hike," a seven-mile trek in which the scouts encounter various obstacles or simulated emergencies: a seven-foot wall with a high voltage wire; a four-foot flood; a broken leg; a capsized canoe; even a parachutist caught in a tree. "I used my daughter-in-law and an old parachute for that one," said Thompson.

Thompson has one other scouting job. He is associate advisor to Redstone's Explorer troop. The colonel explained that the Explorers are changing over from an Emergency Service post to a High Adventure post.

"We didn't have much in the way of emergency rescue going on here. The kids had a lot of training, but no practice. With the new post they'll have more activity. The theme for the next four months is camping, culminating in a 12-day canoe trip. We need two adults for committee members, though. If we don't get them, we'll have problems."

Scouting needs more support from parents, said Thompson. "Every scout organization on the arsenal is short leaders or committee members. If we had the participation, scouting at Redstone could double in numbers and activities.

"The official side of the arsenal is great about helping us. We have had absolutely fantastic support from Joe Hopkins at DYA; Paul Hancock, Perry Rolfe, Richard Pinion, and many others at Facilities Engineers; Dave Bryant the Forester and too many others to name them all. It amazes me that people like the



Avid Scouter: Thompson

Engineers will work so hard to help kids they don't know when so many of the children's parents are 'too busy'."

Thompson said that because of a lack of parental support, those parents who are involved with scouting have three to five jobs. "I wouldn't have quite so many jobs myself if there were more people. I just cannot say no to an active bunch of good kids who want to do things."

Even if Thompson cut back on a scouting job or two, he'd still be a busy man. In

addition to his scouting activities, the colonel is a licensed Emergency Medical Technician and a Red Cross instructor in first aid and cardio-pulmonary resuscitation. One night a week he works as a volunteer in the post hospital's emergency room to keep up his first aid skills.

Thompson is also a sport parachutist, as is his son Garry and daughter Sandy. He is a member of the Huntsville Sport Parachute Club and is trying to establish an RSA sport parachute club.

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## Redstone Women Grab Cage Crown

Redstone's two entries in the Huntsville Women's basketball league scored double victories apiece in games played recently.

For the civilian girls playing under the Big K banner, the double win meant a regular season championship while the Rockettes evened their won-lost slate with one win and got off to a victorious start in the post season playoffs with the other.

Big K put a 73-30 crusher on Big Ed's Pizzeria to conclude a 9-1 regular season and a tie for first place with the Putnam Realtors.

Two nights later the Arsenal girls won it all with a 44-29 win over the Realtors in a single game playoff.

Julie Ellis was the scoring leader in both

wins with 21 and 23 point productions. Janice Riddle hit for 16, Sandra Recio had 11 and Catherine Wade collected 10 in the win over Big Ed's. Terri Butler collected nine points in the playoff game.

The military girls were just as impressive in scoring a 61-15 win over Governor's Drive Car Wash in the regular season finale and routing the Huntsville Merchants in the playoff, 40-28.

Chenetta Davis was the Rockettes' leading scorer in the first game, hitting the nets for 19 points. Linda Colom had 14 and Mary Dailey collected 15.

Colom was high with 16 against the Merchants, Shelton hit with 13 and Hunter, 8.

### Final Standings

	EAST		PCT.	GB
	W	L		
Mircom	8	0	1.000	-
4th SC	4	4	.500	4
Co. B	3	5	.375	5
7th SC	3	5	.375	5
Marines	2	6	.250	6

### WEST

	WEST		PCT.	GB
	W	L		
5th SC	9	1	.900	-
Co. A	8	2	.800	1
291st MP	5	5	.500	4
8th SC	4	6	.400	5
6th SC	3	7	.300	6
Meddac	0	10	.000	9

### Last Week's Games

5th SC 0, Meddac 0 (double forfeit)  
8th SC 60, 6th SC 48

### Top Ten Scorers (6 game min.)

Player, Company	Games Played	Total Points	Scoring Avg.
Colston, Mircom	8	163	20.4
Hobson, Co. B	8	151	18.9
Young, 8th SC	7	125	17.9
Bulliner, 5th SC	7	110	15.7
Newsome, Marines	6	87	14.5
Stepney, 5th SC	7	96	13.7
Ellis, Co. B	8	115	13.6
Benson, Mircom	8	103	12.9
Patton, 5th SC	7	89	12.1

## Civilian Roundball Scorecard

### Standings

	W	L
RD & E	10	2
MMCS	8	4
MIA	8	4
C of E	5	7
Metrology	4	8
Prod Assurance	0	12

### Games Last Week

COE - 49 — Metrology - 34  
MIA - 74 — PAD - 39  
RD&E - 70 — Metrology - 50

### Leading Scorers

	PGA
Muhammad, Metrology	24.0
Richardson, RD&E	18.1
Mitchell, MMCS	17.8
Brooks, RD&E	17.5
Battles, MMCS	17.0
Williams, MIA	16.5
Maples, Metrology	16.2
Vogt, PAD	16.0
Lahoud, CoE	15.8
Hall, MIA	15.7

## Team Tryouts

Tryouts for the Men's and Women's Post Basketball Teams will be held at the Post Gym on Feb. 20 at 4:30 to determine who will go to the TRADOC Tournament next month at Ft. McClellan.

Active duty personnel interested in joining the teams may contact the RSA Sports Director, Jim Copeland at the Post Gym. Phone 876-2943.

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## AT AUCTION

**SATURDAY, FEBRUARY 18 AT 10:31 2/5 A.M.**

COUNTRY LIVIN' MOBILE HOME PARK, CONSISTING OF 16 TRAILER SPACES, 11 TRAILERS, 7.4 ACRES, 7 STALL CONCRETE BLOCK HORSE BARN; LOCATED ONE MILE NORTH OF ATHENS, ALABAMA, CITY LIMITS ON HIGHWAY 127; BELONGING TO MR. & MRS. TIMOTHY W. TODD.

Country Livin' Mobile Home Park consists of 7.4 acres, more or less, fronting 460' on Highway 127. It is fenced and cross fenced. There are 16 trailer spaces and 11 trailers with property; other spaces except one are now rented (plat shows room for a total of 48 spaces). Individual trailer spaces are all health department approved; each space is 50' x 100'. It has 1200 gallon septic tanks for each two trailers, individual electric and water meters, underground telephone cables, city water and county water in front of property and 25 gallon gas tanks with trailers with gas stoves. Renters have the option of heating with gas or electric space heaters; all trailers are air conditioned; all but three trailers are plumbed for washers and one has washer; 12 spaces have patios.

All the trailers are in excellent condition. One is a 1967 model, one a 1969, rest are 1970 to 1973 models. All trailers are completely furnished. One has three bedrooms, others have two bedrooms. Present rental agreement is on a month to month basis with 14 day notice. Owner furnishes garbage pickup, pest control service and mows lawn.

PROPERTY WILL BE OFFERED IN TWO TRACTS AND AS A WHOLE; HIGHEST PRICE TO DETERMINE SALE.

TRACT #1: 3 acres, more or less, 7 stall barn, right of way from Hwy. 127 will be given.

TRACT #2: 4.4 acres, more or less, 11 trailers, 16 spaces, everything that goes with Country Livin Mobile Home Park.

Income is approximately \$1,400.00 per month or \$16,800.00 per year. 3 trailers rent for \$100; 3 for \$110; 4 for \$120 and 1 for \$150; 5 spaces rent for \$30. The owner reports a 99% occupancy and a present waiting list.

With a little money spent, this could be made into a 48 space park with every space rented. This is an ideal location only a short distance from Athens and the model city being built at Elkmont. Don't miss this opportunity to buy property that is already set up to make you money.

TERMS: 25% Down Sale Day, Balance with Deed.

FOR FURTHER INFORMATION, CONTACT

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Information contained in this ad is derived from sources believed to be correct, but is not guaranteed by agents. Announcements sale day take precedence over any previous advertising.

# We Lay the Cards on the Table

"People usually refuse to admit that they have a problem. It's a difficult thing to do. You have to admit that you need help. There is nothing wrong with it. It doesn't mean you're crazy. It only means you're human, have problems, and need help."

So said Roosevelt Love, a counselor in the Human Resources Development Office who works with people with alcohol or other drug abuse problems. He was talking about people at Redstone, military and civilian, who have a drinking problem but won't admit it.

"How do you distinguish between a social drinker and an alcoholic?" asked Love. "If you drink and stop when you want to, that's okay. But if you can't stop, then maybe you're in trouble. If you drink to escape, to forget, to relax, because you're bored, or if you drink to become another person, then maybe you're in trouble."

If alcohol abusers can take that first step, if they admit they have a problem, then they can be helped. The Human Resources Development Office here has a professional staff ready to help them. After medical and psychiatric problems, if any, are treated, professional counseling is available. What is this counseling? How does it help the problem drinker?

"Counseling is essentially a talking form of treatment oriented towards unlearning maladapted behavior and learning adapted behavior," said Dr. Robert Strong, a clinical and counseling psychologist who is Clinical Director of the Alcohol and Drug Abuse Prevention and Control Program.

"Our counseling is primarily concerned with trying to have a person develop control over his consumption of alcohol and other drugs," said Strong. "These people have lost control. Alcohol or drug abuse is causing serious social and psychological consequences, especially difficulties on the job."

"Counseling is a learning process. People learn to grow psychologically, socially, and emotionally. The counselor tries to assist this growth process."

Strong does some of the counseling himself, but primarily he directs the activities of three counselors: Love, E5 Cynthia Walker, and Jim Robinson. All three are well trained to do their jobs.

Robinson has a BS in psychology and six years of experience under professional supervision. Love has a sociology degree, six years of experience here, and has also worked in the recreation field, in juvenile probation, in a mental health institution and a boys industrial school. Walker successfully completed a three-month behavioral science specialist course and a seven-month course in alcoholism at Johns Hopkins. She has had on-the-job training with the New York City Police Department, at the Libyan Rehabilitation Center in Lake Placid, New York, and in Turk House in Baltimore, Maryland. She is currently working on a bachelor's degree in alcohol studies at the University of Alabama in Huntsville.

"We think we have as much expertise as the finest facilities in the country," said Strong. Recently he got together with the three counselors to discuss their program.

"Counseling is a problem-solving process," said Love. "We help the individual to make decisions, solve life-problems. Here an individual has an opportunity to look at himself and his situation, to determine if he wants to continue or make changes. He is made to assess his own behavior, to realize if he continues there are consequences. We lay the cards on the table and see what's what."

"Our ultimate goal is to help the individual discontinue use of the drug, to help him deal with life without it. If a person is an alcoholic, sees alcohol destroying his life, why not stop? What keeps a person drinking? We help to discover the reasons. We help the person to develop insight, to understand why he behaves as he does."

"We don't make moral judgments," said Walker. "And we can't solve people's problems for them. But once we know the reasons for alcohol abuse, we can provide possible alternatives."

"There are many reasons for abusing alcohol," said Strong. "For example, some abusers are overly inhibited in emotional expression. They need to learn how to express themselves. They get an opportunity to do this in counseling. Counseling offers a release valve for pent-up emotions."

"We present a body of information, instructing persons in ways to vent emotions as an alternative to drinking," said Robinson.



Counselors: Jim Robinson, Roosevelt Love, Cynthia Walker

The counselors find group counseling to be effective. Walker and Robinson are now organizing a group for alcohol abusers, primarily civilians.

"I think group counseling is more efficient than one-to-one counseling," said Robinson.

"A person's behavior in a group is often radically different than in a one-to-one counseling situation," said Strong. "Group members are more open and direct. They are less tolerant with denial, with falsehood."

"Often members of a group are long-time friends. They can spot a phony a mile off. They see right through an act or facade. There is more confrontation-type therapy, more pressure to respond."

"Your peers will tell you like it is," said Love. "It seems to have more effect. More ideas are generated. Group members

recognize that they have a lot in common. They realize they are not the only people in the world with a problem."

"They share a common problem, and can identify with and relate to each other," said Strong.

The counselors have a lot to offer the problem drinker or drug abuser, especially if consulted soon after the problem originates.

"Prevention is a lot easier than treating a disease that's 20 years old," said Robinson. "A lot of things we see could have been prevented five or ten years ago if the supervisor had been motivated to refer his people over here. Alcoholism is a creeping type of progressively worsening disease. The longer you wait, the harder it is to cure."

"We are here, willing to do what we can," said Walker. "People should come in and give us a chance."

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**ON THE GOLF COURSE IN THE TREES** — This 2905 sq. ft. brick & cedar split level features 4 large bedrooms, 2 1/2 baths. Den & rec room. Sunny breakfast room. Large screened in porch. Carpeted & draped through out. Storm windows and energy saving extra insulation. A lovely home with many extras. \$75,900. (M8001) 883-1200.

**4600 SQUARE FEET OF LUXURY** — In this basement rancher. Completely maintenance free exterior. 5 bedrooms, 4 luxury baths, 2 equipped kitchens. Extra large den with rock fireplace. Master suite with sitting area, walk in closet and huge bath-dressing area. Total price \$84,500. Arab. 533-1490.

**TERRIFIC VIEW — WOODED LOT** — Your gotta see this gorgeous home with a tremendous view of the city. Home situated on large wooded lot. Features huge entry foyer with curved staircase, 15x32 master bedroom suite, 4th bedroom downstairs, den with fireplace, rec room, pool room, wine cellar, 3 1/2 baths, huge kitchen with breakfast room, double garage. Offered exclusively at \$106,500.

**ESCAPE THE ORDINARY** into this beautiful country estate located on approx. 9 acres. The almost new 2 story home features 5 bedrooms, 3 1/2 baths, formal living and dining rooms, den, rec room, large laundry, very large garage, ponds and barn. (A-63) \$120,000. 533-1490.

**POOL AND PING PONG** — can be played at the same time in this huge 580 sq. ft. rec room. With 2932 square feet of heated floor space, \$71,500 makes this one of the better buys in town right now. Other features include 4 bedrooms, 2 1/2 baths, lovely den with bookcases and fireplace, lovely living and dining rooms, double garage. This lovely home will be ready for occupancy by Jan. 30th 1978. Better hurry on this one. (E2520) 883-1200.

**PERFECT** — 13 acre horse farm offers 1 year old 4 BR, 2 bath brick French Provincial Rancher. Has feed room and tack room. Above ground swimming pool with large deck, fenced, training ring and arena. Morning Sun Farm at Cataca. \$92,500. 883-1200.

**SUNSET COVE — JUST LISTED** — Outstanding S.E. neighborhood has a spacious brick basement rancher, located on tree covered one acre lot. 3500 sq. ft. of well planned living area, 5 bedrooms, 3 full baths, large living and dining rooms, den w/fireplace, huge rec room with wet bar, country kitchen, excellent condition. \$84,900. (2668C) 883-1200.

**COUNTRY ESTATE** — Custom built quality home on 4 acres with pond. This huge brick home (over 5,000 sq. ft.) is waiting for a large family. Extra large rooms, rec room, 2 kitchens, rock fireplace, hardwood floors are just a few features in this home. This home is situated high above road with winding driveway and rock entrance. By appointment only. (H1R) 883-1200.

**PERFECT HOME FOR ENTERTAINING** — Formally or informally. It has a traffic flow pattern that makes it a comfortable setting for small or large gatherings. The living room, dining room, breakfast area, and family room are LARGE. Each have indirect lighting and windows with a pretty view. There's a large wet bar, fireplace, bookcases, three bedrooms, inside laundry, double car garage. A private lot that boasts 38 trees in the back yard! Located within walking distance to Randolph. \$75,900. Low 7% on existing mortgage. (2716B) 883-1200.

**MONTE SANO** — Easy flowing lines describes this 3043 sq. ft. contemporary home with 3 levels of indoor and outdoor living. Great room features huge stone fireplace. Den + Rec room. Tomorrow kitchen with walls of glass. 4 large bedrooms, 2 full + 2 1/2 baths. All custom built and beautifully decorated. Unattached brick garage - workshop. \$83,000. (C 3911) 883-1200.

**SOUTHEAST** — What else could you want? This lovely 4 bedroom home is in mint condition. The living and dining rooms are tastefully decorated, the den with fireplace is made for easy living. The 3 baths lessen the confusion. The large corner lot gives you plenty of privacy. A great place to live. (C7702) 533-1490.

**BROWNS CREEK: On the Water** — This 3100 sq. ft. cedar and brick A-Frame offers den w/stone fireplace plus rec room and study. Formal living, very large formal dining, built-in kitchen, sunny breakfast room, huge loft master suite with circular staircase, 2 other bedrooms. Situated on 2 1/2 lovely acres. Boat house with electric lift. Large cedar 2-car garage and separate cedar workshop. 883-1200.

**SETTING HIGH ATOP MONTE SANO** on 2.6 acres overlooking a beautiful valley is a large log cabin complete with screened porch, parlor, kitchen, bedrooms, bath, and servants quarters. Formerly used as a summer home and lodge, this property represents life as it was lived yesterday. Cabin, servants quarters, and 2.6 acres for \$107,000. (MSB) 883-1200.

**ON THE LAKE** — On the main channel, on a beautiful huge lot with 150 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, stairs, 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. (SK) 883-1200.

**TWO STORY RUSTIC** — Just listed this lovely four bedroom two story, all stained cedar and stone, on a mountainous natural lot. This house is full of extras, including a built-in micro wave oven, separate downstairs suite. Magnificent lot! Call us for details. Almost 3500 feet of living area. \$95,700. 10191.

**ONE OF A KIND** — A truly unique contemporary, two level home with an open formal living arrangement. Custom kitchen on each level. Three fireplaces, 5 cedar decks, in-ground heated pool, lighted tennis court, all on twelve beautiful wooded acres. Exclusive listing. Shown by appointment only. \$325,000. 883-1200.

**\$60's**

**NE** — Beautiful 4 bedroom home in the ever popular NE area. Walking distance to Chapman School. Features include eat in kitchen, formal living & dining room, den with fireplace, oversized double garage. Beautiful landscaping. Shown by appointment. (0-2009) 533-1490.

**MINI HORSE RANCH** — with beautiful contemporary 2 story home in Madison. This nearly new 4 bedroom home has a great great room with a rock fireplace. Large equipped kitchen, 2 1/2 baths, inside laundry and loads of decks. There's a 3 stall horse barn with a track room, 4 acres with fenced pasture. (ML Madison) 533-1490.

**THE BETTER WAY** — 7108 Garth Rd. has so much to offer. 2240 sq. ft. of living area includes a living room large enough for a Grand Piano, a formal dining room, a U-shape work area kitchen plus a breakfast area. Three bedrooms, 3 baths, a family room with fireplace, electric range top and sink. Inside laundry room that could easily double as a sewing room. Each room offers a priceless view! The garage is a large double and the yard has mature trees! \$61,500. 883-1200.

**BEAUTIFUL 2 STORY IN THE TREES**. Before you buy you must see this lovely 2 story in a story book setting. Outstanding neighborhood, beautiful lot. Home features 2 1/2 baths, formal living & dining rooms, warm den with fireplace, double garage. Tastefully decorated, attractive use of wallpaper. A must before you buy. Offered at \$63,900. (10307AC) 883-1200.

**NEARING COMPLETION IN THE TREES** — is this beautiful tudor level featuring 4 bedrooms, 2 baths, cen with fireplace, hobby room or 5th bedroom, formal living & dining rooms. A must before you buy. Offered at \$65,900. (10309AC) 883-1200.

**MADISON** — Big (approx. 2800 sq. ft.) brick rancher on almost 2 acre lot. Large octagonal sunken living room the hub of this beautiful home. 3 big bedrooms, 2 baths, den inside laundry, extra large kitchen with lots of closets. (ROCKMONT) 533-1490.

**ROCKMONT-ON-CARDESSA** High above lake Guntersville rests a home of unique dimensions and character. A modified A-Frame, its three levels feature 4 bedrooms, 3 baths 28x24 Great Room with A massive full masonry fireplace, luxurious, fully equipped eat in kitchen, and loads of storage. A full width deck, perfectly complements its setting on 2.1 acres of immaculately kept grounds featuring 600' of road frontage and intensely natural landscaping. It is pleasantly close (but not too close) to schools, shopping, Turner's Marina, Public docks, Guntersville and Huntsville. Asking \$66,900. We'll throw in its "Million Dollar View" of the lake below for absolutely nothing. (CL) 883-1200.

**\$50's**

**COUNTRY LIVING** — Located just 10 miles from Medical Center, this immaculate cedar rancher offers the best of both worlds — all the quiet charm and seclusion of the country with beautifully landscaped over an acre lot, and all the comfort of the city with underground utilities, central heat and air, den w/fireplace, beautiful kitchen, 2 baths, 3 bedrooms, large living room, double garage. Mid. 50's. (Rt. 1, Box 499 B) 533-1490.

**PLEASANT DREAMS** — Someone has taken excellent care of your dream home. Selectively decorated with carpet, wallpaper and custom window treatments. This well built 4 bedroom, 2 bath home is located on a mature landscaped lot. This home has many extras such as large rec room up stairs. A home that you will enjoy living in and be proud to own. Located across the street from Grissom High School. \$54,900. 533-1490 (BC7810).

**UNDER CONSTRUCTION** — 3 bedrooms tri-level in fast growing Fox Run. Functional floor plan offering foyer, living room, dining room, den with fireplace, 2 baths, eat in kitchen. Beautifully decorated with color-coordinated carpet, wallpaper, kitchen appliances & counter tops. Priced low \$50's. (12055) 883-1200.

**WILLOWBROOK** — 2,400 sq. ft. brick home. Beautifully decorated with lots of wallpaper and carpet, large den with room for a pool table. 4 bedrooms, 3 baths, eat in kitchen, 2 car garage. Walk to Grissom. \$59,900. (BHT1302)

**FAGAN SPRINGS** — Super nice tri-level featuring 3 bedrooms, 2 baths, Great Room w/fireplace, den, eat in kitchen with built ins, garage, lovely yard. (905FS) 533-1490.

**BEAUTIFUL HOME** — Beautiful view — this super nice English Tudor is located on the Lake in Arab's Pine Lake Village subdivision. Home features 3 or 4 bedrooms, 2 full baths, large den with fireplace, living room, dining room, and eat in kitchen. Fully carpeted, tastefully decorated. Choice location - low equity - swimming, fishing, tennis, or boating. \$51,900. Call 1-753-2295. (20G).

**"DOLL" of a house** only 6 months old in lovely Fox Run, 3 bedrooms, 2 baths, beautiful "Great Room" with fireplace, delightful kitchen with pantry, large utility room, double car garage. Price reduced to \$51,000. (2600W) 883-1200.

**MADISON** — 809 Seina Vista — Very stylish contemporary in excellent location. Super Great room w/massive stone fireplace. Three BR's (MBR — Large & secluded) nice carpets. Separate dining room, carpeted utility garage. Very comfortable and livable atmosphere, yet modern in design — Total Price \$54,900. 533-1490.

**WHAT'S BETTER THAN NEW??** Not much, especially after you see our newly completed 3 bedroom, 2 FULL bath brick rancher on large corner lot with side entry double garage. Lovely wallpaper in the foyer, baths and kitchen accent the medium light green carpet. The oversized laundry room and cheerful eat in kitchen. Take a peek at the NEW before the OLD. (13028M) \$53,900. 883-1200.

**NEW BRICK RANCHER** — Just the home you've been waiting for. Fabulous isolated master bedroom suite plus 2 queen size bedrooms, large den w/fireplace, double side entry garage, formal living and dining rooms, plus many extras. You'll love the decor which is done in gold and beige tones. It's a beauty — call today for an appointment to see. (12015) 883-1200.

**HANDYMAN'S DREAM**...this basement rancher in Madison can be a fantastic home with some repair. Land is ideal to farm a truck (2 acres) crops & still have a 3 acre pasture. Features 3 bedrooms, living/dining room, den/kitchen combo and a large rec room down stairs. (W.T. Mad.)

**GRISSOM HIGH** — Outstanding 2-story is only two blocks away on quiet circle. Features 4 bedrooms, 2 1/2 baths, separate living & dining, large den, eat in kitchen, fenced yard, heating & cooling system on each level, storm windows & doors. \$59,900 (7806FC).

**FOX RUN** — Gorgeous new rancher, a large cut-de sac lot in Fox Run. You must see this beautifully decorated 3 bedroom, 2 bath rancher before you buy. Home features large warm den with fireplace, carpeted inside laundry, double garage. Offered at \$51,500. (1401S) 883-1200.

**CHURCH** — If you're a congregation looking for a church we've got it. Nice rock building on corner lot with seating capacity of 250 (Easter Sunday), central heat and air, kitchen with equipment, over 6000 sq. ft. ideal location, could be commercial warehouse also. Offered at \$50,000. (2903T) 883-1200.

**A RARE FIND** — All brick raised rancher on a beautiful corner lot in a prime southeastern location within walking distance to Weatherly Elementary School and Southeast "C". Features 3 bedrooms, 1 1/2 baths and large den - 1927 sq. ft. of well decorated and comfortable living area and 572 sq. ft. in basement which is partially finished. (8703E) 883-1200.

**GUNTERVILLE LAKE** — Holiday Shores — Authentic reconstructed 170 yr. old log house on 3 water front lots — 270 ft. Two hand cut limestone fireplaces and foundation. Cedar roof, hardwood floors, mature pine trees. Sand sandy beach. \$53,900. 883-1200.

**AFTERNOON DELIGHT** — Come home early and relax on this beautiful acre lot with trees. This lovely 3 bedroom, 2 bath, paneled den w/fireplace home is a wish come true!! You will have peace, comfort & location when you purchase this home located at 8705 Louis Dr., S.E. \$52,500. (8705L) 533-1490.

**PAINT ROCK VALLEY** — Beautiful 40 acre farm with extra nice 3 bedroom brick rancher, includes large living room, den, fully equipped kitchen, 2 baths, central heating & cooling, covered patio, excellent land good for pasture or farming; creek at rear of property, total price \$59,750. 533-1490.

**GOOD COMMERCIAL INVESTMENT** on Oakwood Ave. Large home in 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. (0-306) 533-1490.

**\$40's**

**COUNTRY LIVING** — 3 bedroom brick home on 3/2 acres of land near New Hope. Living & dining combination, large den, 1 1/2 baths, inside laundry, eat in kitchen. Call for more details. Low \$40's (0GR) 883-1200.

**VESTAVIA** — One of Huntsville's most desirable areas. 4 bedroom brick rancher on a large corner lot. Den with fireplace and double end entry garage. Total price only \$47,900. Hurry! It won't last long in this neighborhood at this price. (800P) 533-1490.

**FOR THE FAMILY** — Who wants value, beauty, quality, located in S.E. area 4 BR, 2 B, separate LR, DR - You will fall in love with the Kit/Den combo which features beautiful blue cabinets w/wallpaper & drapes to match. This home has personality + don't miss out on this super buy. (11306H) 533-1490.

**"THE BEST NEIGHBORS IN HUNTSVILLE"** are what the Williams say you'll have if you become the new owners! Brick and frame two story with three bedrooms and a study, carpeted thru-out. Large living room and dining room. Kitchen Den combination. Central heat and air, storm windows and doors, extra insulation and roof turbines. Fenced yard — mature shade trees, rear entry garage. Low 5 1/4% on existing mortgage. \$43,700. (302M) 883-1200.

**OOOH, I JUST LOVE IT!** — Bet you will too if you need three bedrooms, 2 baths, formal living and dining rooms, walk in closets, slate entry foyer, den with fabulous fireplace, large inside laundry room, light and bright kitchen with modern appliances and a pantry. Covered patio private. Double car garage and corner lot. This one level home is in surprisingly good condition. Take the time to look. Call now. \$47,900. (2001M) 883-1200.

**2010 BURLINGAME** — In Weatherly, Mtn. Gap & Grissom School District. Close to shopping and SE "Y". California Contemporary Rancher. Three bedrooms (master is secluded), formal entry foyer compliments the separate living room and dining room. A convenient kitchen and adjoining den. Two vanity baths, inside laundry. Big double car garage with pull down ladder for storage. A fenced back yard plus a privacy fence around the covered patio. The arched entry way has its own motor powered fan for those hot days and there's a fireplace for those cold days. Call now 6 1/2% on existing mortgage. \$48,900. 883-1200.

**LIGHT HOUSEKEEPING** — Is all you'll require in this all brick tri-level. You can move in and unpack without a scrub brush because Debbie has kept her home in immaculate condition! There's new no-wax vinyl in the large and cheerful kitchen which also has windows that allow the sunshine to come in. A sunken den with a door to the patio and a door to the garage. Four bedrooms, two baths, formal living room, inside laundry, a 140 x 140 lot with fenced back yard. Many energy saving features have been added and it is being offered for only \$47,500. with a LOW EQUITY of \$11,821.00. (12009OP) 883-1200.

**NORTHWEST TRI-LEVEL** — 3213 W. Helena — Roomy brick home nice lot — walking distance to Davis Hills school. 4 good size BR's (2 up, 2 down) den w/fireplace, central heat & air — carpet thru-out. Large kitchen/dining area. Good storage space. Price right — \$42,500. 533-1490.

**TENDER LOVING CARE** — always shows! This mint condition Tempo has 1960 sq. ft. of living area featuring 4 bedrooms (2 King Size) 2 baths, living dining room combo, end kitchen with built ins. Double garage and fenced yard PLUS walking distance to school. \$40,500. (K6004) 533-1490.

**ONE OF A KIND** — Classic styling with quality features! Spacious livingroom, diningroom with oak floor and 3 great sized bedrooms. Den with bookshelves, self cleaning oven, beautiful cabinets, 2 sparkling baths in gorgeous color! This is a new home with a well established lawn in popular Fox Run. 533-1490.

**1202 RUSTIC CIRCLE** — features gracious contemporary living. It's made for - today's living - floor plan offers four bedrooms, 2 baths, foyer, sunken den w/exposed beams, formal dining, step saver kitchen and side entry double car garage. \$46,400. (1202R).

**A HOME IN SEARCH OF A FAMILY** — is all dolled up and waiting for you? She will smile back at you as you enter the beautifully decorated den kitchen combination. This lovely home features 4/BR, 2 baths separate living room, dining room. Newly painted outside — Priced at only \$45,900. 533-1490. (H-1306E).

**LET THE CHILDREN WALK TO CHAPMAN SCHOOL** — only half a block away. This lovely brick rancher has 3 big rooms, 2 baths, living room, dining room, built in kitchen with island stove, great den with fireplace. Inside laundry. Storm shelter, fenced yard. (1813M) 533-1490.

**ROOMY AND READY FOR OCCUPANCY** — This 5 bedroom, 2 bath home offers lots of useful living area for only \$49,800. There's central heat & air, carpets, dishwasher, disposal, self cleaning oven. (R6015) 533-1490.

**TWO BLOCKS** — That's the length of the very quiet street this home sits on in excellent Southwest neighborhood. Brick rancher, shaded lot, over 2100 sq. ft. Four bedrooms (Master BR large) den w/elect. fireplace also recreation room. Freshly painted carpets. Vacant, ready for occupancy. Total price \$44,800, will consider trade. (7702C) 533-1490.

**\$30's**

**NORTHWEST** — 2617 ROCKWELL — Attractive tri-level in excellent condition. Three good size BR's — Kit/den combo, large garage and storage are on lower level. Central heat and air at \$34,850. Equity \$9,600 — Will consider trade. 533-1490.

**HOME FOR RELAXING** — 3 BR, eat in kitchen, large LR, 1 1/2 sunken DR, 14x24 Den w/ beautiful red brick fireplace, inside utility, 18x32 Spartan in-ground Pool, Garden Spot all for \$34,900. PP-3700 Call 533-1490.

**TEDDY BEAR** — You will fall in love with this 3 BR brick rancher featuring large den with rock fireplace. Located on nice corner lot with 12 x 14 storage shed. This home can be yours for only \$31,500. (R-2420) 533-1490.

**CONVENIENT TO EVERYTHING** — this 4 bedroom, 1 1/2 bath tri-level is only minutes away from the Mall & school but still has the beauty of a large corner lot with trees. Features new central heat and air, living room, dining room & den. (53600) 533-1490.

**NEW LISTING — CEDAR POINT N.W.** Well cared for 3 bedroom brick rancher. This home is situated on corner lot, features Living room/dining room, fully equipped kitchen pan den, 2 baths, custom drapes, electric garage door opener, fenced yard, new exterior paint, storm windows, etc. (4000C) 883-1200 537-500.

**SPACING IT OUT** — Without spending it all! A brick rancher on a cul-de sac within walking distance to school! Three bedrooms, 2 baths, formal living room/dining room combination has new plush shag carpet. Kitchen/den combination. The garage has been converted. It can be used as a rec room, hobby room, or another large bedroom. There is lots of storage space. Two bedrooms and hallway have new carpet. The hot water heater and disposal are two years young and there is a new heat pump. Only \$33,950 with LOW EQUITY of \$11,250 (4008D) 883-1200.

**THE HOME TEAM**  
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**CONDOMINIUM IN MADISON** — You must see this beautiful condominium. Outstanding decor. Living room with fireplace, formal dining room, eat in kitchen, 2 1/2 baths, storage every where, 2 bedroom. Offered at \$7,000. Equity with payments (including maintenance) of \$340. Close to pool and tennis courts. (5V 204) 883-1200.

**HOLIDAY SHORES** — This pretty two story brick home is on more than 1 acre of land with water access to Guntersville Lake; beautiful stone fireplace in the great room; two bedrooms; kitchen; 1 1/2 baths; 9 x 30 redwood, screened in porch; stocked fish pond; price at \$31,900. (HSMCA) 533-1490.

**A FRAME** at Beach Creek Guntersville, approx. 1 1/2 ac. lot — nice location, Quality throughout — area restricted, city water — Features: 3 bedrooms, built in water bed, all carpeted, custom drapes, 2 large bath rooms, marble sinks, large chandelier in great room, fireplace, tinted sliding glass doors open onto 2 decks, central heat/air many more features, Owners leaving town. (Crocket Cr.) 533-1490.

**LARGE SHOPPING LOT** — You will fall in love with this full brick 3 bedroom rancher situated on a large shopping lot — featuring entry foyer, sunken living room/dining room combination, kitchen/den combination, 2 baths, nice finished garage. Located at the corner of North Parkway and Medaris Road. (M-2006)

**COUNTRY LIVING** — 2 acres right out side city 3 BR, separate LR, DR, Den 1 1/2 baths — All for \$38,500. Call 533-1490. (RT-2 B261-A Toney Al.)

**ARAB** — Sharp new listing in Arab. Features 3 bedrooms, 2 baths, full carpet, beautiful den with rock heat-o-lator fireplace, built-in hutch, many other extras. One acre lot. \$39,500 w/small equity & payments of \$294. (904 91NA) 883-1200.

**FOR THE YOUNG SET**, start in this new home with elegant carpet and wallpaper. You'll go for the floor plan with 3 bedrooms and two vanity baths. Attached garage is a bonus. Priced in low \$30's. 533-1490.

**TIRED OF RENTING** — See this little brick home in a good location. Owner is transferred, so you won't have to wait to move in. (RO) 533-1490.

**OAKWOOD COLLEGE AREA** — Owner Pays Closing... 6205 Pamela. Features 3 bedrooms, 1 1/2 baths, living room, den, kitchen combination, carpets, nice chain link fenced yard, single car garage. \$21,900. (6205P) 883-1200.

**RIVERBEND CONDOMINIUM — GUNTERVILLE** — Super nice condominium with great lake frontage & view. Two BR's (Master — Large) LR has door to Deck! Plush carpet and drapes. Central Heat & Air. Will trade for house in Huntsville. 533-1490.

**KING SIZE SOUTHEAST LOT** — within your budget, has large isolated patio sporting a brick Bar-B-Q. Neat 3 bedroom brick rancher, eat in kitchen, large living room/dining room combination. Carpet and huge workshop. \$38,900 (C7316) 883-1200.

**ARAB** — Brick rancher features large living room, cozy den, 3 large bedrooms, 2 full baths, large laundry room. Single garage. \$23,000. Extra finished bldg. 621 sq. ft. could be office. 1-753-2295.

**\$20's & BELOW**

**MOBILE HOME** on a large lot, not in crowded parking place. Features two bedrooms, large eat-in kitchen complete with stove and refrigerator and a covered patio PLUS: A well-built concrete block underground storm shelter and a concrete-block dog house with high fence. (2817PD) 533-1490.

**SHINY BRIGHT** — We proudly offer this freshly painted and wallpapered 3 bedroom brick rancher for your inspection. It's fully carpeted, has a living room, kitchen with large dining area, inside laundry paneled den, and it's reasonable priced at \$23,500. (B6105) 533-1490.

**NEAT & SWEET** — Want a home that will make moving worth it? This brick home on Barry is attractive, convenient, and ready for you. Even the draperies stay. (4304A) 533-1490.

**FEEL THE PINCH?** Does income tax time depress you? Take this older home on Pratt Ave. and spruce it up for renting. Ideal for duplex and only \$26,000. (1020P) 533-1490.

**NEW HOME** — \$23,700 — Just one of Twenty one brand new homes on Mt. Vernon Rd. NW. Excellently located to schools, shopping, churches etc. Three bedrooms, plush carpet custom cabinets, central heat & air, wooded lot. Very cozy and comfortable. w/ FHA 235 subsidized loans if you qualify. Will trade for your present home. 533-1490.

**RT. #8, BOX 127 ARAB** — Super nice 3 bedroom rancher located on a large lot. Home is in A-1 condition, fully carpeted. Priced right at \$27,500. Good investment property or a nice home to live in. 883-1200.

**IF YOU QUALIFY** — You can purchase this 3 bedroom home on a HUD 235 loan. The living/dining room & bedrooms have wall-to-wall carpet. The kitchen has built-in range and dishwasher. Down payment is \$750.00 with builder paying closing costs. This one is ready for occupancy. 533-1490.

**LOOKING FOR THAT FIRST HOME?** You've found it in this 3 bedroom brick rancher. Vanity bath, separate living and dining rooms, eat in kitchen. New roof and carpets this year. \$25,500. (G12203) 533-1490.

**ON A CUL-DE-SAC** — This 3 bedroom bath rancher is on a large lot with nice garden area in back yard. \$18,500. (Y C3212). 533-1490.

**LOTS OF ROOM TO EXPAND** — This three bedroom basement rancher already has a den and eat-in kitchen and can become a home with four bedrooms and a rec room or whatever you want, because the huge daylight basement is unfinished. Also, has a single garage, on a nice wooded lot. (2801GG) \$29,900.

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**INVESTMENT**

**INVESTMENT PROPERTY** — Large tract with 485' feet on Highway 231. Good commercial property. 753-2295.  
**STORE FOR LEASE** — Hamilton Square finished store 20' x 80'. First 50' carpeted. Storage and bath, 3 1/2 years on lease \$720/mo. (HS) 883-1200.



# Education Helps Promotion

Why should an NCO with an already successful career, bother with a college degree?

If the efficiency reports are already good, how could a degree help?

According to Redstone's Army Education Officer, Charles Owens, "The advantages depend on the goals of the individual. Some will have the promotion points they need or want, although not everyone is after that."

Senior NCOs, for example, are not promoted on a points basis. They are selected by a centralized board which tries to gain a picture of the "whole man" and promote those best prepared for duty at a higher grade. What will a degree mean to the board members?

Owens said it could mean many things. A degree may mean increased aptitude within the soldier's MOS. It will also demonstrate the soldier's flexibility.

Owens explained, "Industry hires educated people because educated people are easier to train." When promotion to a higher grade results in further training, a degree may increase the chances for selection.

The first step toward a degree is to see the educational counsellor, Ada Hunt, who will help you determine your educational needs and refer you to a school representative.

The school representative will help you begin a program to achieve your goals. With a certified summary of your military experience, the school can grant a surprising amount of college credit. Other learning experience can be verified and accredited through testing.

For an associates degree, Owens said, "It normally takes a soldier less than two years, depending upon the effort made by the individual." The number of hours needed for study each week also depends upon the individual, although eight to ten classroom hours are normal.

He noted that tuition assistance (75 per cent payment for off-duty education) is available for military and the military may use Veterans Administration benefits.

The purpose of education is progress. Owens explained, "Our main objective is to help the individual progress — if he can complete the requirements for a degree, that's great!" Perhaps that is why a successful NCO should consider college.

# CHAMPUS Change

CHAMPUS consolidated prescription drug reimbursement form 198 cannot be used for submitting a prescription drug claim after February 1, according to officials of the Program. Instead, it will be necessary to attach itemized receipts to a regular claim form.

Each receipt must show the name of the drug, the name and address of the pharmacy where purchased and the prescription number. In addition, claims for the following drugs must show the strength of the drug:

- narcotics, such as Morphine and Demerol
- non-narcotic analgesics, such as Talwan and Darvon
- tranquilizers, such as Valium, Librium, and Meproamate
- barbituates, such as Seconal and Nembutal
- non-barbituate hypnotics, such as Doriden and Chloral Hydrate
- stimulants, such as Amphetamines and Methedrine

Drug strengths will be required for all prescription drug claims next year. (CHAMPUS News)

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# Plan May Double Concurrent Travel

(ARNEWS) — Major changes in European travel and housing assistance policy could double the number of families getting sponsored travel to Europe.

The policy shift, engineered by USAREUR's Commander-in-Chief, General George S. Blanchard, is designed to increase dependent concurrent travel, increase temporary housing in Europe, "vigorously" assist families in finding permanent housing and still save the Army money.

DA has approved Blanchard's program on a one-year test basis. If the program is successful, it is likely to expand to all overseas areas, officials say.

Blanchard pushed the program along with what he calls a "no holds barred" effort to improve soldier and family life in Europe throughout their tours there.

Basically it allows dependents to accompany sponsors to Europe if suitable housing is available there within 60 days. Current guidelines call for disapproval if housing is not available within 30 days.

Incoming families will be able to spend the extra home-hunting time in 2,600 temporary housing units reserved for their exclusive use. The units, which officials describe as "equal" to permanent housing units, will cut temporary lodging allowance payments which families would receive if this lodging were not available.

The program will also include improved coordination and efforts to assist families in finding suitable, permanent housing on the German economy. Added to this will be advance orientation programs and other assistance when a family begins its tour in Europe.

# Flu

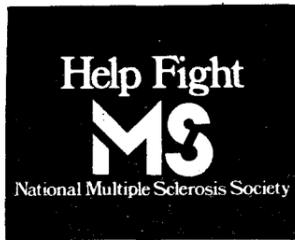
(From front page)

dropped off sharply, only to pick up again Monday with admissions running again near 40.

Meantime, 49 patients had been discharged from the hospital Sunday.

The disease hit hardest among young soldiers, 25 or younger in almost every case. Almost all those treated by Monday were students in MMCS. McLean said there had been no indication of the disease spreading to other age groups, specifically not to dependent children.

Other military installations have reported about the same experience with some variance in how the disease affects those who have it. The three major military academies were all but closed for a period last week.



JAMES IVY IV  
U.S.A. Ret.

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## Dial 112 For Redstone News

**American Family Life Assurance Company**  
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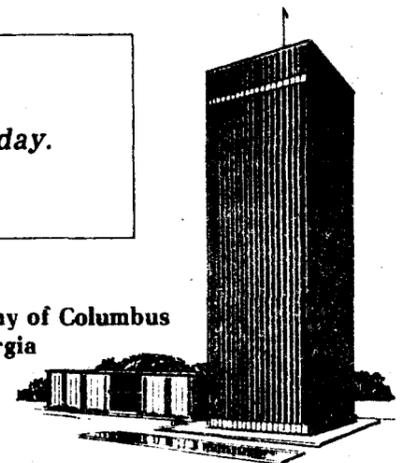
## Newly appointed Regional Manager, Huntsville Region, Charlie Madison

A native Alabamian, Charlie Madison received his B.S. degree from the University of Georgia and his Masters degree from Mississippi College in Education-Supervision and Administration.

Prior to joining American Family in March, 1975, he served as a coach, teacher, and administrator in Pensacola, Florida.

Active in civic and professional organizations, Charlie Madison holds membership in the National Education Association, Florida Education Association, Escambia Education Association, Pensacola Civitan, and the Airplane Owners and Pilots Association.

For further information:  
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**2. CARS**

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**3. Miscellaneous**

**WANTED**  
A good, used Mercury or Evinrude outboard motor. 30 to 40 horsepower. Work. 876-2033; after 4 p.m. 837-7745. 1tc

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Playpen: 27x40, rectangular, on rollers \$15; Rocker/Seat Carrier from Sears, \$7; Push-A-Potamus, \$5; Dresser: Child's 4-drawer, \$10; Crib Sheets: two for \$2.50. Karate Ghi: 1 large, 1 sm., \$5, each; Luggage: American Tourister: Red, largest, \$40, small, \$25. After 10:00 a.m. 883-0949. 1tp

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**5. Real Estate**

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