

# The Rocket

VOL. XXV; NO. 25  
NOVEMBER 10, 1976

New Dental Director

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Flag Finals

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## Bird Puzzle Gets Fast Solution

A number of coots found dead on the arsenal last week apparently mistook moonlit blacktop for water and were killed by impact with the pavement, according to the U.S. Fish and Wildlife Service National Health Laboratory at the University of Wisconsin.

Several of the birds had been packed in ice and rushed by air freight to the laboratory where scientists worked through the weekend to determine what killed them. They issued their report Monday morning.

Post veterinary and game specialists along with Wheeler National Wildlife Refuge personnel reacted quickly after the bird carcasses were discovered in the northeast part of the arsenal.

Specimens recovered last Wednesday—the birds died either early that morning or Tuesday night—were autopsied by Captain James Byrum, Post Veterinarian. In the autopsies no food was present in the stomachs of the birds and internal hemorrhaging was evident, indicating possible death by disease or poisoning.

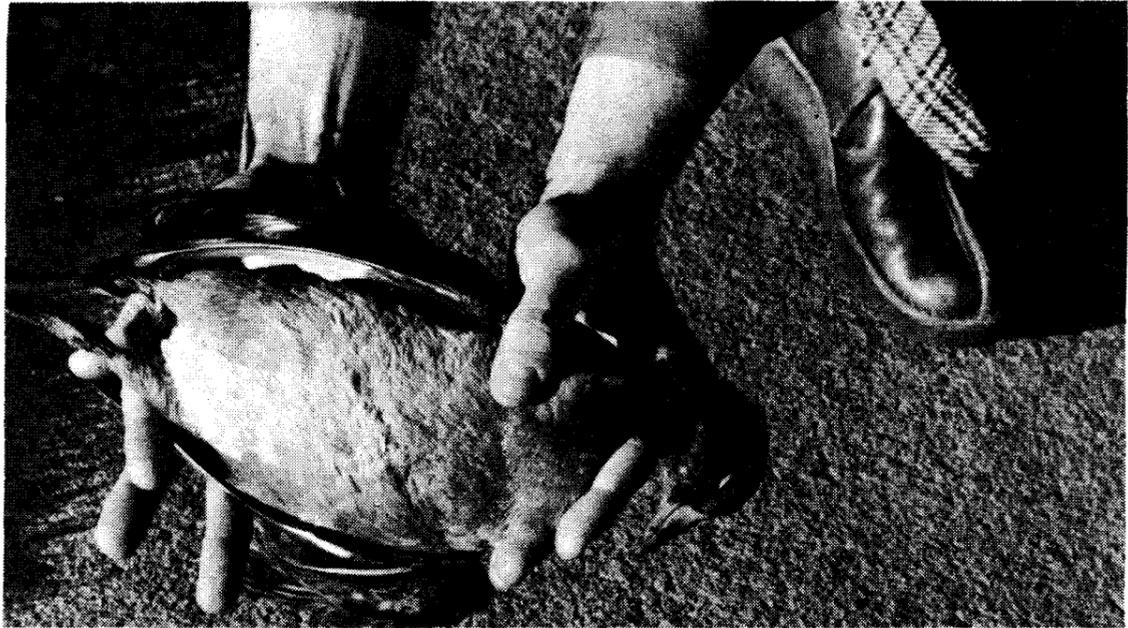
Byrum notified Thomas Z. Atkeson, Wheeler Refuge Manager, who contacted Fish and Wildlife Service's National Laboratory. Scientists there feared a number of possibilities, worst, avian cholera, a disease that can devastate

waterfowl. They told Atkeson to ship several specimen immediately.

Deeply concerned over the possibility of a

disease outbreak as great numbers of waterfowl are migrating into the area,

(See Bird Puzzle, Page 21)



### Hard Landing

Confused Coot mistook moonlit pavement for water.

## Scout Roundup

They will invade the Arsenal by the thousands. They'll be noisy, and silent, and noisy. They will be overwhelmingly enthusiastic. They will eat hot dogs and drink soft drinks by the gross.

The Tennessee Valley Boy Scouts and leaders will be conducting the 19th annual Scout Roundup Day, Saturday. They will be welcomed by Major General George E. Turnmeyer, MICOM CG, at 9 a.m.

Eight boys will be recognized as top recruiters in their respective Council districts. Leaders who have reached roundup goals will be introduced.

The event will be staged in old MMCS Training Area E, just off Hansen Road. Gate 5 will be open to allow traffic to and from the Roundup.

Scouters will see dynamic and static displays. Those providing exhibitions are S.R. Butler High School Jr. AFROTC Unit, drill;

University of North Alabama ROTC Unit, rappelling; Redstone Arsenal Fire Department, rescue demonstration; Huntsville Police Department, police dog demonstration; 20th Special Forces Group, parachute jump; and Cahaba Buffoons, clown acts.

Units providing static displays include the Madison County Sheriff, S.W.A.T. Team; 291st Military Police, MP equipment; Redstone Arsenal Airfield, helicopter; Madison County Rescue Squad, rescue equipment; Missile and Munitions Center and School and the Missile Command, Chaparral missile launcher; Marshal Space Flight Center and the Alabama Space and Rocket Center, space equipment.

Scouters have been invited, as units, by the Alabama Space and Rocket Center officials to visit the Center at a reduced admission upon conclusion of the Roundup Day.

## Congress Changes Soldier Benefits

A wide range of legislative initiatives that affect soldiers and retirees have been taken in 1975-76 by the 94th Congress.

The most significant ones are summarized here and deal mostly with pay and benefits.

**PAY RAISE:** Five percent raise in basic pay, BAQ and BAS Oct. 1, 1975 . . . Pay raise mechanism revised in 1976 for reallocation of up to 25 per cent of basic pay increase to the allowances to better offset the expenses they defray . . . Oct. 1, 1976 basic pay, BAQ and BAS increased with 25 per cent of basic pay raise reallocated to BAQ. . . Soldiers without dependents and not drawing BAQ receive reallocated amount as "partial BAQ".

**PER DIEM:** Increased maximum for military from \$25 to \$35 and expense allowance for high cost areas raised to \$50 per day from \$40.

**LEAVE PAYMENT:** Payment

of accrued leave for officer and enlisted put on same basis to encourage leave use with payment limited to maximum 60 days in a career. . . Leave accumulated after Sept. 1, 1976 is paid at basic pay rate only without BAQ and BAS.

**RETIRED PAY INVERSION:** Legislation eliminates potential of soldiers losing retirement pay for continued active service by providing that monthly retirement pay of a soldier who became entitled to that pay on or after Jan. 1, 1971 may not be less than it would have been if he became entitled to it at an earlier date.

**RETIREMENT PAY KICKER:** Mechanism revised to adjust retirement pay in relation to changes in Consumer Price Index so that retirement pay will increase each year on March 1 and September 1 by the same percentage as CPI increases in (See Benefits Change, Page 23)

# COUNTDOWN



**Activate MIRCOCM and MIRADCOM:**

**January 31, 1977**

Job Offers Due: November 22, 1976

## Situation on November 8:

**Proceeding as planned . . . Final placements in progress . . . This column continues below with many of the most frequently asked questions and their answers.**

**Question: Does everyone get a letter on November 22 and just what will it say?**

Answer: People employed in RASA who are impacted in the reorganization there will get a letter but other RASA employees will not. All other MIRCOCM employees will get letters since they are involved in the transfer of function. Their letters will be the best job offer in either MIRCOCM or MIRADCOM—

depending on where the individual's function tracked—that can be made on that day. Those who get adverse actions on Nov. 22, may get better offers later depending on retirements, resignations and other things that will open up jobs.

**Question: Do we have placement rights — for example can be bump — from MIRCOCM to MIRADCOM?**

Answer: No, the two commands are separate competitive areas.

## CGS Drops Nonresident Course

The optional "extended resident" course is being dropped from the Command and General Staff College nonresident study program.

The resident option, which has been offered once a year during June and July, included a five-

week section which equated to Phases IV and V of the nonresident program, and a three-week section equal to Phase VI and the Fort Leavenworth phase.

With this optional course being dropped, students can now complete the equivalent of the five-week sec-

tion by attending active duty training followed by correspondence work, DA officials say.

Those wanting the equivalent of the three-week section may attend Phase VI followed by the C&GSC final phase course.

### Zero Current

A Zero Current Circuit Breaker that eliminates arcing has been invented by two engineers at the Army Mobility Equipment Research and Development Command at Ft. Belvoir, Va.

The device provides control circuitry that assures that the contacts of a circuit breaker are opened precisely at the zero load current crossing, so no arcing will take place. It was developed for use on high power generators under development at MERADCOM but can be used on any A.C. power supply.

It not only increases the life and reliability of circuit breaker contacts, but eliminates the need for cumbersome equipment now used to control arcing.

Individuals who get adverse actions on Nov. 22 may subsequently wind up moving from one command to another but that would be as a result of using priority placement procedures to fill vacancies, not because of RIF action.

**Question: Will there be an early out retirement available for everyone who gets a letter.**

Answer: No, there will be no blanket early out. Individuals who get adverse actions on Nov. 22, provided they are otherwise eligible by length of service, age, etc., can opt for an early out. The key thing about whether or not you qualify for early out is whether or not your job offer involves "a material change in duties". If it does, you might qualify for early out even if transferring in grade.

**Question: When will the personnel actions take effect and what happens if you refuse to accept the offer made on Nov. 22?**

Answer: The RASA offers become effective January 24, 1977. MIRCOCM and MIRADCOM offers are effective January 31, 1977. If you refuse to accept the offer made on Nov. 22, you can be separated as of January 24 or January 31 depending on where you work.

**Question: If I refuse to accept and get sent out the gate, do I qualify for early out retirement?**

Answer: Only if the offer involved a "material change in duties."

**Question: Suppose I refuse to accept and decide to go out the gate. Can I get severance pay?**

Answer: It depends on the offer you declined.

You are not entitled to severance pay, regardless of the grade of to any type of retirement—military,

Social Security, discontinued service, etc.

You are entitled to severance pay, regardless of the grade of the job you are offered, if your pay can be adjusted.

You are entitled to severance pay if your pay cannot be adjusted or if the offer or a job is outside the Redstone Arsenal commuting area.

You are entitled to severance pay if your best offer involves saved pay.

"Saved Pay" applies when you are downgraded and you are entitled to continue to receive your current pay for two years.

"Adjusted pay" applies when you are downgraded and are placed in a lower grade at a step that makes your actual pay above or equal to what you got in your former grade.

**Question: Do you know yet how many people will be going out the gate?**

Answer: As of now, it appears every full-time permanent employee of MIRCOCM will be offered a job in one of the two new commands.

**Question: How long do we have to respond to the letters?**

Answer: You have 15 calendar days to respond beginning the date you have the letter in hand.

**Question: How do we get the letters, at home, work, where?**

Answer: The letters are delivered to supervisors and it is the supervisor's responsibility to get it to you. Almost all of them will be hand delivered during work on Nov. 22. If you are going to be on leave or TDY that day, tell your supervisor where to mail the letter so you get it as soon as possible.

**Questions? Call 876-4161**

## The Rocket

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

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

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## Secretary Speaks to AUSA



Hoffmann

Secretary of the Army Martin R. Hoffmann will be the guest speaker at the November 18 meeting of the Tennessee Valley Chapter of the Association of the U.S. Army. The dinner meeting will be held at the NCO Club.

Hoffmann was sworn in as Secretary of the Army in August 1975. Prior to that his government service included tenures as General Counsel of the Department of Defense, Special Assistant to the Secretary of Defense, Deputy Secretary of Defense and General Counsel to the Atomic Energy Commission.

He graduated from Princeton University in 1954 with an AB degree and received his LL.B in 1961 from the University of Virginia Law School. Hoffmann was admitted to the District of Columbia Bar in August 1961.

In 1955 he was an honor

graduate of the Field Artillery Officer Candidate School and then served two and one-half years with the 101st Airborne Division.

Tickets for the November 18th AUSA Meeting are \$4.75 per person and can be obtained by calling Avery Roan at 837-9230, Stacy Davenport at 876-7135 or Martha Strong at 895-3410.

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**UNDER THE GUN** — Nobody likes receiving shots. The only smile evident when Missile and Munitions Center and School students got their swine flu shots last week was on the face of the man pulling the trigger. All soldiers must have their shots by the end of today. Those for civilians await arrival of vaccine.



## ABOUT SWINE FLU

**Q—Have there been many cases of the swine flu in the United States?**

**A—**Swine flu caused an outbreak of several hundred cases at Ft. Dix, New Jersey, early in 1976. Before then swine flu had not caused outbreaks among people since the 1920's.

**Q—Will there really be an epidemic?**

**A—**With the vast majority of Americans being susceptible to swine flu, it is possible that there could be an epidemic this winter. No one can say for sure. However, if an epidemic were to break out, millions of people could get sick. Therefore, a special swine flu vaccine has been prepared and tested which should protect most people who receive it.

**Q—What about other kinds of flu?**

**A—**Certain people, such as those with chronic medical problems and

the elderly, need annual protection against flu. Therefore, besides protection against swine flu, they also need protection against another type of flu (Victoria flu) that was around last winter and could occur again this winter. A separate vaccine has been prepared to give them protection against both types of flu.

**Q—Will the vaccine cause painful side effects?**

**A—**These vaccines have been field tested and shown to produce very few side effects. Some people who received the vaccine had fever and soreness during the first day or two after vaccination. These tests and past experience with other flu vaccines indicate that anything more severe than this would be highly unlikely.

**Q—Can the flu vaccine be taken safely during pregnancy?**

**A—**An advisory committee of the Public Health Service examined this question and reported that "There are no data specifically to contraindicate vaccination with the available killed virus vaccine in pregnancy. Women who are pregnant should be considered as having essentially the same balance of benefits and risks regarding influenza vaccination and influenza as the general population."

**Q—Is there any possibility of severe reactions?**

**A—**While there is no reason to expect serious reactions to this flu vaccination, persons, except military personnel, who believe that they have been injured by this vaccination may have a claim. The Congress recently passed a law providing that such claims, with certain exceptions, may be filed only against the United States Government. Information regarding the filing of claims may be obtained by writing to the U.S. Public Health Service Claims Office, Parklawn Building, 5600 Fishers Lane, Rockville, Maryland 20852.

# Marine Ball

The United States Marine Corps kicks off its third century with a 201st Birthday Ball at 6:15 tonight at the NCO Open Mess.

Speaking will be retired Marine Corps Brig. Gen. Austin C. Shofner of Shelbyville, Tenn. Also in attendance will be Army Brig. Gen. David E. Watt, Army Brig. Gen. Frank P. Ragano, and the Mayor Joe Davis of Huntsville.

Dancing will follow dinner and a cake-cutting ceremony. The Southern Comforts will play.



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# Director Named For New Dental Clinic

"Always a bridesmaid, never a bride" is the phrase that Redstone's new dental chief uses to describe his Army career.

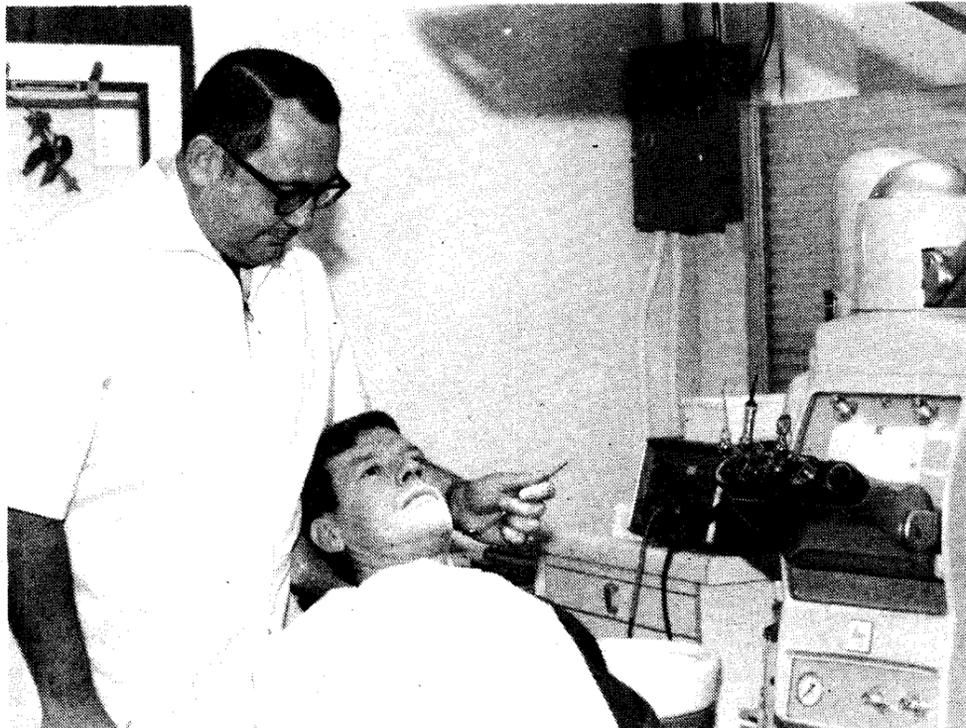
Colonel Allen W. Brown, the new Director of Dental Services had been a deputy dental director at several military installations but this is his first assignment as the number one dental officer.

Brown comes to Redstone from Walter Reed Army Medical Center in Washington where he served as deputy director. While there Brown planned dental services for the new 52 chair dental facility.

A native of Trinidad, Colorado, Brown attended college there, then received his DDS from Creighton University in Omaha. The new dental officer also received a Master's degree in Hospital Administration from Baylor University.

Redstone is Brown's 12th military duty assignment in his 20 year career. Other tours of duty include Germany, Ft. Riley, Ft. Belvoir, Greenland, Ft. Sam Houston, Ft. Ritchie, Ft. Lewis, Ft. Ord, The Presidio and Walter Reed AMC.

Brown has been awarded the Army Commendation Medal and the Meritorious Service Medal. Redstone's newest dentist is



COL Allen S. Brown, Jr. Redstone's new Director of Dental Services examines MSG Jerry Hill's teeth.

planning for the opening of the new dental clinic in the spring. "We should be moving out of here around the first of March. When we get moved in we are going to offer as many services as we can with the personnel and facility restrictions we have." Brown said.

Brown believes that he's a very fortunate man to come into a dental clinic that has such a fantastic staff. "They are very knowledgeable in their field and they are a well knit working unit. We should be able to fulfill the oral health requirements of this command" Brown remarked.

## Exercise Class

Is losing the fight with flab getting to be a drag? And yet you can't go to exercise classes during the day, because you're in the shop all day? Now there's a reprieve!

An organizational meeting for an evening exercise class for active duty women meets at the Post Gym tomorrow at 7 p.m. During the meeting, class times will be determined and the program will be discussed in detail. There will be no charge for the class.

Further information can be obtained by calling the Sports Office, 6-2943, during duty hours.

## Logistics Agency

The Defense Supply Agency will soon be renamed Defense Logistics Agency.

The new name, requested by the DSA director, will reflect expansion of the DSA mission.

With headquarters at Cameron Station, Va., DSA is engaged in procurement, supply, contract administration and other logistics operations.

It employs more than 50,000 civilians and is authorized about 1,100 military people. (ARNEWS)

## Travel Pay Up

Mileage allowance for PCS Travel has increased from eight to ten cents per mile.

The increase was made effective Oct. 28, 1976. (ARNEWS)



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# MEDDAC Wins In East; Company A In West

By Jeannie West

Contenders for this year's flag football championship games which started Monday were determined last week in the closing days of the regular season. Meddac emerged at the top of the Eastern heap while Company A came out first on the West.

The 291st MP's socked the 4th Student Company 18-8 in an early-week contest, surging ahead from the start as Steve Donnelly passed to Bob Hollowell for an 80-yard TD run. Minutes later it was the Donnelly and Hollowell duo again, this time for 20 yards, and the score stood at 12-0.

The Students tried valiantly to even the score in the second half. Keith Washington passed to Bruce Howard for the first Student touchdown, then Howard sparked a drive up the middle for the extra points. But Donnelly scored with Eugene English late in the half to extend an already commanding MP lead.

James Mason of the 7th Student Company intercepted a Bill Beckwith pass

and ran 25 yards for a TD, initiating what ended as a 12-8 Student win over Company B. However, the lettermen bounced back momentarily as Beckwith ran 15 yards and put them on the board. Beckwith and Jay Johnson teamed up for the PAT. A Ron Hooser pass to Cliff McGhee, who ran 40 yards to score, sealed the game for the 7th.

Company B upset rival Company C 14-6 Tuesday. In the first half, Beckwith passed 20 yards to Scott, who scored. Johnson made the extra point.

Company C had hopes of evening the score as Dave Swaim completed a 30-yard touchdown pass to Tim Niewierowski. However, a tough B defense prevented further damage to their lead. Beckwith and Scott engineered the 15-yard winning TD for Company B.

The MP's handled Company A their second defeat of the week, 12-8, sparked by a Walton interception. He ran 30 yards for the TD. Anderson passed 15 yards to Wright, who earned the first score for the lettermen. Braving the cop

defense, Anderson rushed up the middle for the extra points. The MP's rebounded in the second half as English made a 20-yard TD pass to Rice.

Meddac blanked 7th Student Company 6-0 on a 20-yard Crossen pass to Bruce Highberger.

Company B fell to a fired-up 4th Student Company 22-8 Thursday night. Washington rocketed a 55-yard TD pass to Young for the first score. Washington and Manvel combined for a 40-yard TD run with the two-point conversion credited to Washington and Young.

Company B tried to come-from-behind, but the only touchdown they could muster was on a 15-yard run by Helms capped by Beckwith's end zone conversion pass to Bankston. The second half belonged to the Students. Washington passed to Howard, who ran 60 yards for a TD. Washington and Taylor got together for the two point conversion.

Company A squeaked by the 6th SC 7-6 as Eddie Anderson ran four yards for the lettermen for their only TD. It

was soon followed as Charles Edwards passed eight yards to Richard Williams for the Student score. The game was stalemated from then on, and the lettermen were awarded the game in overtime.

The post championship will be decided tonight at the football field beginning at 6.

## FINAL STANDINGS EASTERN

	W	L
1. Meddac	7	2
2. 291st MP	6	3
3. Marines	4	5
4. 7th SC	3	6
5. B Co.	1	7

## WESTERN

	W	L
1. A Co.	8	2
2. 6th SC	7	2
3. 4th SC	6	3
4. 8th SC	2	7
5. C Co.	1	8

Carol Holmes 645 (266),  
Sue Lou Allen 640 (252),  
Sue McDonald 637, Sherri  
Howard (253).

	WON
Strikeouts	58
ExASPRATORS	49
Black Jacks	49
76'ers	42
Bushwackers	40
Q-8 Keglers	33
School Brigade	31
Lucky Strikes	30
Meddacs	26
P&P Registers	26
Swingers	24
Readiness Group	24

**RESULTS**  
Swingers 8—P&P Registers 0  
ExASPRATORS 8—School Brigade 0  
Meddacs 6—Lucky Strikes 2  
Strikeouts 6—Bushwackers 2  
Black Jacks 6—Readiness Group 2  
Q-8 Keglers 4—76'ers 4

**INDIV. HONORS**  
Bolenkamp 578, McKinley 545  
(209), Weinberg 541 (201), George  
539 (207), Ogazalek 534 (200).

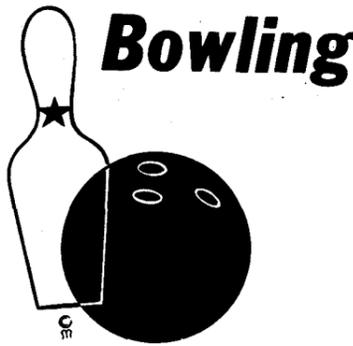
## Friday Night Enlisted Mixed Top 10

- Southern Oaks
- Pin Pushers
- Co-eds
- Four Turkeys
- Team 24
- Pin Seekers
- Bennett Bombers
- Get'em out John
- Gutter Gravy
- CG'ers

## High Series & Games

- Bob Harris 672, Bill Doss 670, Fred Valentin 663 (266), Pete Peterson (258), Skip Adams (257).

**Flying Home?**  
Planning to fly home for the holidays? You won't be if you don't make your flight reservations as soon as possible. The Scheduled Airline Ticket Office (SATO), Bldg. 3488, is open from 8 a.m. to 4:30 p.m. Monday through Friday. They'll help arrange reservations. Tickets need not be purchased at the time a reservation is made. SATO also obtains the most direct and least expensive flights.



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- P. Edward Collier ..... Chairman
- Ruth K. Jones ..... Secretary
- Clyde C. Carter ..... Member

### Supervisory Committee

- James Blackburn ..... Chairman
- Samuel C. Vaughn ..... Secretary
- Ralph A. Dalton ..... Member

### Credit Advisory Committee

- Leonard Gurley ..... Chairman
- SGM Joel Gonzales ..... Member
- Eldon J. Hoar ..... Member
- E. B. McGowan ..... Member
- Frederick Sittason ..... Member
- Jeanne D. Scales ..... Member

### Management

- Roy Hollihan ..... Manager

## COMPARATIVE BALANCE SHEET

September 30, 1976 — September 30, 1975

Assets	1976	1975
Loans	\$ 52,554,807	\$39,698,466
Allowance for Loan Losses	(200,296)	(210,000)
Cash	611,011	366,333
Investments	47,199,266	41,258,822
Furniture, Fixtures & Equipment (Net)	534,816	326,152
Land and Building (Net)	3,558,752	2,885,939
Prepaid Expenses	95,594	74,157
Other Assets	1,296,405	1,228,094
<b>TOTAL</b>	<b>\$105,650,355</b>	<b>\$85,627,963</b>
<b>Liabilities and Equity</b>		
Accounts Payable	\$ 85,425	\$ 74,475
Notes Payable	3,215,500	4,295,500
Taxes Payable	5,483	4,135
Dividends Payable*	1,405,093	1,152,312
Other Liabilities	111,058	118,646
Shares	97,304,681	76,699,570
Reserves	3,513,115	3,273,325
Undivided Earnings	10,000	10,000
<b>TOTAL</b>	<b>\$105,650,355</b>	<b>\$85,627,963</b>

\*A quarterly dividend of 6.25% annual percentage rate was payable to shares accounts as of October 1, 1976.

## OFFICES SERVING THE MEMBERSHIP

**MAIN OFFICE**  
220 Wynn Drive  
Telephone 837-6110  
Monday-Friday, 9 a.m. to 4 p.m.  
**DRIVE-IN TELLER**  
Monday-Friday, 9 a.m. to 8 p.m.

**THE MALL BRANCH OFFICE**  
The Mall, North Memorial Parkway  
Telephone 539-4168  
Monday-Friday, Noon to 8 p.m.  
Saturdays, 9 a.m. to 5 p.m.

**HAYSLAND SQUARE BRANCH OFFICE**  
Haysland Square Shopping Center  
South Memorial Parkway  
Telephone 881-6200  
Monday-Friday, 10 a.m. to 6 p.m.

**BUILDING 3649 BRANCH OFFICE**  
Redstone Arsenal  
Telephone 881-0534  
Monday-Friday, 9 a.m. to 4 p.m.

**BUILDING 4200 BRANCH OFFICE**  
Marshall Space Flight Center  
Telephone 881-7724  
Monday-Friday, 9 a.m. to 4 p.m.

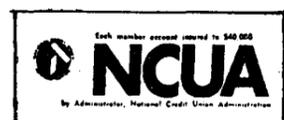
**PARKWAY CITY MALL BRANCH OFFICE**  
Parkway City Mall  
South Memorial Parkway  
Telephone 539-0758  
Monday-Friday, Noon to 8 p.m.  
Saturdays, 9 a.m. to 5 p.m.

**DECATUR BRANCH OFFICE**  
Second Floor, Easter Building  
445 East Moulton Street  
Decatur, Alabama  
Telephone 350-2702  
Monday-Friday, 10 a.m. to 6 p.m.

*The Innovation Place*

## REDSTONE FEDERAL CREDIT UNION

220 Wynn Drive • P. O. Box 5347  
HUNTSVILLE, ALABAMA 35805



# Deadlines For Mailing Overseas

The Redstone Post Office urges everyone to start mailing overseas holiday letters and packages to military personnel or civilian friends and families as soon as possible to ensure on-time delivery.

The following mailing dates are recommended for holiday mailing overseas.

—Surface mail and Space Available Mail (SAM) parcels to armed forces in South and Central America, Liberia, and the Republic of Zaire—Nov. 11.

—Surface mail to armed forces in Belgium, Denmark, England, Finland, France, Germany, Greece, Italy, Netherlands, Norway, Portugal, and Spain—Nov. 11.

—International surface parcels to South Central America and Europe—Nov. 11.

—Parcel Air Lift APL parcels to armed forces in South and Central America, Liberia and Republic of Zaire—Nov. 18.

—SAM parcels to armed forces in Belgium, Denmark, England, Finland, France, Germany

Greece, Italy, Netherlands, Norway, Portugal and Spain—Nov. 20.

—SAM parcels to armed forces in Antarctica, Australia, Burma, Indonesia, Japan, Korea, New Zealand, Okinawa, Philippines and Taiwan—Nov. 20.

—Surface mail and SAM parcels to armed forces in Canada, Greenland, Labrador, Newfoundland and the Azores—Nov. 25.

—PAL to armed forces in Belgium, Denmark, England,

Finland, France, Germany, Greece, Italy, Netherlands, Norway, Portugal and Spain—Nov. 27.

—PAL parcels to armed forces in Antarctica, Australia, Burma, Indonesia, Japan, Korea, New Zealand, Okinawa, Philippines, Taiwan and Thailand—Nov. 27.

—Surface parcels to Alaska and Hawaii—Nov. 30.

—Surface mail to all other locations: recommended mailing dates were late October and early November. Mail at once.

## Veterans Administration Pays For Tutoring

If any of the 1,115,000 veterans and servicemen currently enrolled in college under the GI Bill this fall need tutoring help, the Veterans Administration stands ready to pay for it.

VA officials also noted that government-financed tutorial assistance wasn't available to World War II and Korean conflict veterans, but under present law, VA will pay up to \$60 a month for such help up to a maximum

of \$720. This is an increase from \$50 a month and a maximum payment of \$450 last year.

The tutorial help is not charged against the veteran's basic educational entitlement, the VA pointed out.

In addition to veterans and servicemen, the tutorial benefits are available to widows, wives and children studying under the VA's Dependents' Educational Assistance Program.

Veterans and servicemen studying at the post-secondary level on at least a half-time basis are eligible if they have a deficiency in a subject required in an approved program of education, the VA said.

The agency advises eligible GI Bill students to complete a VA application and have it certified by the institution.

# DISCOUNT

**MILITARY and DEPENDENTS,  
CIVIL SERVICE & NASA EMPLOYEES**

# MODERN OPTICAL INC.

Why should you have to choose from a small selection of frames and wait 2 weeks or longer for your glasses.

**WE HAVE A LARGE SELECTION OF FRAMES AND 1-3 DAY SERVICE.**

**PRICES VERY COMPETITIVE with PX, in addition:  
A PLASTIC LENS GUARANTEE.**

If for any reason the patient is dissatisfied with their lenses, a new pair will be furnished at NO CHARGE within the first six months.

**AT MODERN OPTICAL**

**7910-D S. MEM. PARKWAY**

9:00-5:30 Weekdays **881-3937**  
9:00-1:00 Saturday **(EYES)**



## Fantastic Sam's

FAMILY HAIRCUTTERS

### NOW OPEN

2604 Memorial Parkway, N.W.  
852-0820 • No appointment necessary

**\$2.00 OFF WITH THIS AD**

## Dot's Shoe Tree

**Top Line Shoes & Handbags**

- Jolene • Contempos • Wm. Joyce
- Old Maine Trotter • Delmar
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**Men's Shoes Too!**

- BOSTONIAN
- FREEMAN



7540 So. Memorial Plaza 10-5:30

FEATURING OLD FASHION QUALITY IN OUR SPECIAL IN OUR CUSTOM MADE



## DRAPERIES

MANY FABRICS TO CHOOSE FROM OR BRING YOUR OWN.

With This Ad Get **25% OFF**

On All Custom Ordered Fabric From Our Shop.

**COUNTRY VILLAGE DRAPERY**  
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PHONE **536-7823**  
FOR APPOINTMENT

FOR CHRISTMAS Special on custom made sheets & pillow cases — ideal gifts.



AT **AUCTION**  
SATURDAY, NOV. 13, 9:45 A.M.  
EXCELLENT

## 73 ACRE FARM AND PERSONAL PROPERTY

Located on Chicken Creek and U.S. Highway 64, approximately 12 miles west of Fayetteville and 4 miles east of I-65. To be offered in three tracts and regrouped.

**TRACT #1** — Beautiful stone and aluminum siding home containing 4 bedrooms, 2 baths, living room, dining area, spacious kitchen with dish washer, family room with wood burning fireplace, inside utility, everyday recreation room, covered patio, outside utility, attached garage, electrically heated, fully carpeted and a most livable home in every respect. This tract contains approximately 1 1/2 acres and is watered by an excellent well from Tract #3 across the road. This house is situated on a perfectly planted and landscaped lawn with privacy galore.

**TRACT #2** — Containing approximately 60 acres adjoining Tract #1 with frontage on Chicken Creek Road and also fronting Highway 64 West. This tract is mostly all open and mostly sown to improved pastures with some level ridge tops and timber growth. This tract is mostly fenced with good fencing, watered by a running stream and lake stocked with fish to afford abundance of water for this cattle unit. There are excellent building locations either on the Highway 64 or on the county road which divides Tract 3 from Tracts 1 and 2. There is a good small barn adequate to accommodate the unit; thus making Tract #2 a desirable unit within itself.

**TRACT #3** — Contains approximately 12 acres and is separated from the other two tracts by Chicken Creek Road. This tract is watered by a running stream and an excellent well which supplies water to Tract #1. There is a beautiful place to build your own home, a good small barn is on the property and offers you the much sought after — the small acreage tracts most buyers are desirous of today.

Inspect each of these tracts prior to sale date, consider their possibilities individually and in combination, or as an entire. These tracts or this unit are located near service roads to either of the nearby cities of Fayetteville, Pulaski, Lewisburg, Huntsville, Athens, and Nashville, Tennessee.

### PERSONAL PROPERTIES

- 1 Coffee, Chocolate, Soup Vending Machine — in excellent condition (Good money maker)
- Miscellaneous Service Station Supplies
- Several Milk Cans
- 1 Antique Corn Sheller
- 1 H-Farmall Tractor in good condition
- 1 Oliver Trailer type 2 Pan Plow — good condition
- 1 Disc Harrow
- 1 Moving Machine
- 1 5' Trailer-type Bush Hog — good condition
- 1 Old Horse-drawn Hay Rake
- 1 1957 Ford 6 Cyl. Pic-Up Truck
- 1 Several good 55 gal Drums for trash barrels
- 1 Three Quarter Size Pony — white
- Several other items too numerous to mention.

Sale to be held Rain or Shine

**TERMS**—Personal Property Cash — Real Estate 20% cash, balance with deed.  
**POSSESSION:** On or before January 1, 1977.

**PROPERTY OF MR. & MRS. JOHN A. PIERCE**  
732-4462 433-2497  
433-3505



**MAUKIONS  
MONKS  
REALTY CO.**  
Fayetteville, Tenn.

L. Paul Monks, Auctioneers Lic. #52  
Joe W. Loving, Auctioneers Lic. #530  
James Marlin Tucker, Affiliate Salesman

Information contained in this Ad is derived from sources believed to be true but not guaranteed by Agents.



**"FOR THE DISCRIMINATING EXECUTIVE"**

**EXCITING NEW CONTEMPORARY** — located in A-1 neighborhood. 3 bedrooms, 4 1/2 baths, formal living and dining rooms, den with wet bar and stone fireplace, 7 1/2 x 14 rec room with second fireplace, 3 decks, all Cedar and California Redwood, thermopane windows, wooded lot, fantastic view. \$120,000. (2715D)

**COUNTRY ESTATE** — 3622 sq. ft. limestone rancher on 4.3 acres with 300' x 70' spring-fed, stocked pond and large building suitable for hobby or small business. (You could walk to work!) Irrigated garden space, apple orchard, small barn and smokehouse. Ten miles out of city — \$110,000. (MMR)

**APPALACHIAN DRIVE** — 2926 sq. ft. rancher, polished hardwood floor foyer, 9 ft. ceiling living room, formal dining room, wet bar in rec room, 4 spacious bedrooms, 2 1/2 baths, basement storage. \$170,650. (1104A)

**HISTORIC DISTRICT** — On the "Andrew Jackson Downing" style, this is one of only two such homes ever built in this area. Marble fireplaces, twin foyers, three levels, twin "day front" parlors. Partially restored. \$85,000. We'll help you restore it, authentically. (242MC)

**FANELLE CIRCLE** — Sparkling new executive home located on lot with trees. Foyer, living, study, 4 bedrooms, 2 full and 2 half baths, large breakfast room, double garage. Very special. \$79,500. (2617F)

**SNUG HARBOR** — Large Cape Cod on 5 acres. This beautiful home features 2 large bedrooms, 2 baths, formal living and dining rooms, fireplace, eat-in kitchen with island work area and impressive foyer. 3 separate heat pumps, finished double garage. 2535 sq. ft. \$73,500. (1104A)

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

**BRIARWOOD ESTATES** — 4 year old French Provincial raised ranch. 2986 sq. ft. Recreation room, den, 5 bedrooms, immaculate. \$69,500. with \$28,600 equity, \$365 pmts.

**COUNTRY ESTATE** — Enjoy country living with city convenience in this beautiful 2-story brick home located on 22 acres at Chase, AL. Features include 4 bedrooms, 8 baths, foyer, with circular staircase, formal living room and dining room, den with raised hearth fireplace. 22 acres is fully fenced with 2 ponds and 2500 sq. ft. barn and 600 sq. ft. tractor shed. Located on Jordan Rd. off Ryland Pike. \$159,000.

**4208 LAKEVIEW RD.** Plush custom features... such as beautiful custom drapes, plush carpeting are yours at an affordable price. This three bedroom, 1 1/2 bath brick rancher has approx. 1700 sq. ft. and is super clean. No down payment VA \$31,000.

**\$7,000 EQUITY** — This Seville Model Bravo home is only 1 year old and priced \$1,550 below current new price. 1,805 sq. ft., three bedrooms — one very large — plush carpeting, formal dining, cathedral ceiling, extra cabinets, corning range, self cleaning, are a few of the features. (SGG2002)

**IMMACULATE** — Garage, fireplace, and immaculate are the features of this 3 bedroom, 2 bath brick rancher. Separate entry foyer, 14x15 den, queensize master suite, solid wood doors, intercom, double ovens, thermostatic control attic vents. \$29,500. (3822M)

**CONTEMPORARY RANCHER** — 3 bedroom, 2 bath home, unusual floor plan with sunken den and fireplace looking out onto private fenced patio area. Natural setting — very little mowing. Walk to Weatherly & Grissom. Eq. \$15,600 — take over low 7% VA for total \$262 per mo. (8022N)

**TRIANA BLVD.** — Features large living and dining rooms, new kitchen with all built-ins, bath downstairs, 4 large bedrooms, 2 full and 2 half baths, fenced back yard with patio, new vinyl siding, new roof, new carpet, new quarry tile in laundry room. Three room apartment currently rented for \$120 per mo. Outstanding home for residence or rented as apartments or office. \$55,000. (3109T)

**PURDY DR.** — Spacious tri-level on a large corner lot, fenced yard, patio and private fence. Good floor plan featuring 4 bedrooms, 2 baths, separate living and dining, wall-to-wall carpet and drapes, paneled den plus study or office, built-in kitchen, central heat and air. Equity \$12,684, total price \$36,500. (P3601)

**BAIN DR.** — 3 bedroom Western Cedar rancher with huge country kitchen, den, double garage in established neighborhood. \$7,500 equity, pmts. \$329 per mo. Occupy Nov. 15th. (504B)

**GREENLEAF DR.** — 3 bedroom, 1 1/2 bath rancher with cathedral ceilings, double garage, living room, dining room, pullman kitchen, beautiful wooded lot. \$6,700 equity, occupy Nov. 15th. (12005C)

**CHADWELL RD.** — Immaculate 5 bedroom, 2 bath brick rancher featuring formal living room, large country kitchen, den, sharp throughout, priced at \$38,500 with \$19,300 equity, \$187 pmts.

**VESTAVIA** — 4 bedrooms, 3 baths, den with fireplace, eat-in kitchen, 2-car end-opening garage. Two-Story Colonial. \$53,500. (804C)

**RIDEOUT DR.** — Very clean and sharp rancher on well kept lot, 3 bedrooms, large den, carpet, nice carpet and wallpaper throughout, fenced yard, large out building. (1910R)

**JUST RIGHT...** for family of four or more. **RIGHT SIZE** — 2100 sq. ft. with four bedrooms and 1 1/2 baths plus a half more off the large den; **RIGHT LOCATION** — on a large level lot in lovely neighborhood convenient to school and shopping; **RIGHT PRICE** — \$48,500; **RIGHT COZY** — with its brick fireplace these cold days. (11206W)

**STONE FRONT** — Our new "Stone Front" contemporary rancher awaits your inspection in Fox Run. Features 4 bedrooms, 2 baths, elegant living, dining, den w/wood-burning fireplace, laid in stone. \$49,950. Financing available. (2508W)

**PLANTATION DR.** — "City Farm" house living, barn style exterior, brick design carpet, white cabinets accented with miniature farm gate hinges, farm size pantry, fireplace, utility room with space for freezer, breakfast area, formal living & dining, 4 bedrooms, 2 1/2 baths, and 7 1/4 % interest. Total pmts. \$317. (10203)

**CONTEMPORARY RANCHER** — Large beautiful lot. Great pool, patio and screened porch area. 1900 plus sq. ft. 3 large bedrooms, den, fireplace, very livable floor plan. Just different enough to be great. (C413)

**3513 ROSEDALE** — 3 bedrooms, kitchen/den combination, large corner lot with apple, peach, pear and maple trees, fenced yard, patio, storm doors and windows and many other features. Priced in low \$20's.

**RIVLIN RD.** — Walk to Randolph from this beautiful basement rancher on lovely corner lot featuring 4 bedrooms, 2 1/2 baths, den, rec room, double side entry garage. Only \$49,950. (R1102)

**NORTHEAST** — New basement rancher, 5 bedrooms, 3 baths, separate dining room, double car garage, carpeted throughout. \$52,000. (BM2611)

**WESTERN HILLS HO!** Exclusive country is yours in this six months old Provincial Basement Rancher set on 2 1/2 acres. Features 3 bedrooms, 3 baths, woodburning "Majestothorn" fireplace, ultra-modern built kitchen, Rec Room (down), 956 sq. ft. double car garage. A super buy at \$69,900.

**ALL NEWLY DECORATED**, 12018 Queens Pl. waits your approval. Lots new carpets, wallpaper, counter tops, light fixtures, and the smell of fresh paint in & out excite your imagination. Features 4 large bedrooms, 2 1/2 baths, woodburning fireplace, den, double car garage. Beautiful landscaping & built-in B-B-Q. \$47,950.

**COUNTRY IN THE CITY** — In this beautifully decorated new home in Fox Run, Great view of the mountains in the front, view of countryside in the back, large garden, large and sidewalks. Children walk to 8 years to Mt. Gap School. By-the-way, the house is very livable and priced right. \$47,500. (13006C)

**9007 STRONG DR.** — Clean and sharp 3 bedroom rancher on large 150 x 150 wooded lot. New paint and carpet, 1 1/2 baths, \$4,000.

**BASEMENT RANCHER** — Real nice home in neighborhood convenient to high school and shopping. Three bedrooms, 1 1/2 baths, den, rec room, double car garage with redwood deck. Very clean with nice yard. (B-7817) \$46,000.

**504 LYNN DR.** — could be your new address if you need breathing room. You'll find roominess inside and out of this 3 bedroom basement rancher with rec room, dark room, woodwork and many other features too numerous to mention in this ad. Situated on beautiful 1/2 acre lot.

**2406 WILLENA DR.** — New in Fox Run, 4 bedroom rancher with large Great Room featuring beamed ceiling, brick fireplace, built-in desk, separate dining room. Many special features. \$45,900.

**13020 COY'S DR.** — New in Fox Run, 4 bedroom spacious tri-level, formal living & dining room, large den with fireplace, fully carpeted. Beautiful wooded lot. \$53,300.

**2609 WILLENA DR.** — New in Fox Run. Looking for something a little more formal but not too large. Lovely Cape Cod Rancher, 3 bedrooms, 2 baths, formal living room, formal dining room, cozy country kitchen-den combo. \$52,750.

**SPARKLING NEW** 3 bedroom, 1 1/2 and 1 1/4 bath ranchers with all built-ins and central heat and air on huge lots, carpets throughout, priced from \$29,000 to \$31,900. Seller pays closing cost. Menefee and Sandia, N.W.

**WALK TO GRISSOM** — from this huge brick rancher featuring 4 large bedrooms, 2 baths, formal living and dining rooms, huge foyer, inside laundry, large den with stone fireplace. Situated on 2 lots. Only \$59,500.

**MOUNTAIN GAP** — Immaculate 3 bedroom, tri-level. Features 2 huge baths, living room, den, eat-in kitchen, carpeted throughout, beautiful lot with fenced back yard and storage shed. \$33,500. (12003B)

**BRAVO** — Beautiful 4 bedroom with pool and all equipment for \$51,500. Can be bought as low equity or be refinanced. (1929W)

**NEW IN SOUTHWEST** — Beautifully decorated, white appliances, gold carpet, lovely wallpaper. This new home offers 3 nice size bedrooms, 1 1/2 baths, built-in all electric kitchen. Low interest money available if purchased soon. \$25,800. (S14101)

**NORTHEAST** — Two-story Victorian, 3 bedrooms, living room, dining room, parlor, study, 3 bathrooms, hardwood pine floors, 6 fireplaces, partially decorated by professional decorators, new roof. \$53,500. (W701)

**BAILEY COVE ESTATES** — An absolute immaculate 3 bedroom home for the perfectionist. Large foyer, formal living and dining room, large den with fireplace, 2 baths, plus much more. Kids can walk to Grissom High — Owners being transferred. Hurry to see this charmer! (SR914), \$48,500.

**RUSTIC CONTEMPORARY** — Super plush home located on a wooded, hillside lot in excellent Northeast neighborhood. Family-living room with exposed beams and Franklin fireplace, 3 bedrooms (huge master), 2 1/2 baths, heated workshop, 2 lovely decks, fenced yard, excellent quality, a unique home priced at \$49,950. (W2091)

**BASEMENT RANCHER** — Walk to Randolph from this corner lot featuring 4 bedrooms, 2 1/2 baths, den, rec room, living room with fireplace, formal dining room with 1 bedroom and bath downstairs. Perfect for teen-agers. \$49,950 — on Rivlin Rd. (R1102)

**10212 MELANIE** — Super sharp and ready for occupancy is this beautiful 3 yr. old, 3 bedroom, 2 bath rancher with everything you could ask for in a home. Custom draperies, fireplace equipment, and electric garage door opener are only a few of the extras which come with this one. \$48,950 or equity and assume \$214 payments.

**1606 BELAFONTE** — A sharp 3 bedroom rancher. Beautiful plush beige carpet, living room, large den, kitchen with eating area. Located near Calvary Grade school in nice quiet neighborhood.

**WHITESBURG ESTATES** — 4 bedrooms, 3 full bath rancher shows tender loving care. Features 2 huge walk-in closets, lovely no-wax vinyl in a spacious kitchen, new Heil heat pump, storm windows-doors, extra insulation, 2 50 gal. hot water heaters. \$53,000. (S2103)

**EXTRA LARGE** basement rancher on 170' x 200' lot in Southeast. Two heating systems, 2 1/2 baths, large laundry area with sinks. \$69,900. 8 per cent financing available. (HH8304)

**THE MEADOWS** — 10311 Melanie Drive, SE. 4 bedroom, 2 baths, double paneled garage-workshop area. Beamed Cathedral Ceiling and fireplace in den. Breakfast area with bay window. Spanish Rancher. \$55,900.

**EXPERIENCED** — 3072 sq. ft. of spacious living (4 bedrooms are 16x17 each). Older home refurbished provides modern convenience and nostalgia. Zoned heavy industry. Can be your residence or place of business. Quality abounds. \$39,900. (13100)

**DECORATOR'S DELIGHT** — luxuriously decorated throughout, features 3 full baths, 4 bedrooms, large master, paneled den, breakfast room, double garage, possible executive study. \$51,900 (2015 Cameron)

**I'M EMPTY** — but full of beauty inside and out. You'll fall in love with this 2 story, impressive outside with coordinated colors and well kept yard, 4 bedrooms, separate living and dining, den, kitchen with recently varnished cabinets, delightful wallpaper in dining room. Home in tip top condition. \$33,950. (L3206)

**FLEMINGTON HEIGHTS** — This Colonial brick rancher is 6 minutes from the Arsenal, tastefully decorated and on a beautiful 210' x 208' lot. 3 bedrooms, 3 baths, fireplace, separate living and dining room, has 2125 sq. ft. Large double carport. \$68,900. (G204)

**GREAT ROOM** — 6 months old 2 story, 3 bedroom, 2 1/2 bath fireplace. \$7,990 equity, near Weatherly School. (TM9619)

**907 CHATTERSON** — Split-foyer in Southeast. Like new condition, ideal for large family, 6 bedrooms plus 2400 sq. ft. livable — 600 ft. garage. \$47,800. Backs up to Valley Hill Golf Course.

**SOUTHEAST** — Rock fireplace in large carpeted den adjoins fully equipped kitchen with breakfast bay. 3 bedrooms, 2 baths, beautiful formal living and dining rooms. \$46,000. (C13008)

**SANDHURST PARK** — Sparkling new and just perfect for young couple — Informal living room, nicely decorated informal living room, rich stained kitchen cabinets, 3 bedrooms, 1 1/2 baths, single carport, storage — \$25,800. (S14012)

**GREAT ROOM** — with stone fireplace, gorgeous carpeting in shades of browns and bronzes, high beamed ceiling, really lovely! Separate dining room, kitchen with eat-in room, cushion tile, pantry, 3 large bedrooms, beautiful wallpaper throughout. Drapes included. (Q12032)

**SPARKLING NEW** in Northeast — 5 bedrooms, 3 baths, 2-story home. Features: bay window in kitchen, formal living and dining room, den with stone fireplace, fully built-in kitchen and double car rear entry garage. (G2504)

**2503 WILLENA DR.** — Unusual cedar and stone contemporary home on beautiful lot with trees. 3 bedrooms, 2 full baths, stone fireplace, separate dining. \$48,900.

**WILLOWBROOK** — Walk to Grissom in less than 5 minutes from this 4 bedroom Contemporary at 1017 Mira Vista Dr., SE. The fine features of this 2234 sq. ft. home are much too numerous to mention in this ad, so give us a call and let us tell you all about it.

**SANDHURST PARK, SW** — Brand New! 3 bedrooms, living room and dining room, eat-in kitchen, all electric kitchen, central heat and air, beautifully decorated. Only \$29,500. (S14002)

**HILL STREET** — Walk to Montview Elementary School — Quiet Street — Frame rancher featuring large living room, 2 bedrooms, 1 bath, eat-in kitchen, inside laundry, fenced yard. Newly painted — Only \$17,900. (H2206)

**TICKLED PINK** — New No-Wax Vinyl, new carpet and we're changing out the pink appliances. 1900 sq. ft., 3 bedroom brick rancher, 2 baths, den with fireplace, paneled double side entry garage. Corner lot. Near Randolph School. \$49,400. (D4029)

**RESTORED OLD HOME** — (Built in 1830) located on approx. 4 acres. Living room, dining room, sitting room, 4 bedrooms, 2 baths (one has first bathtub in State of Alabama). Call our office for the many interesting facts about this home.

**HERITAGE ESTATES** — 12308 Chicamuga Trail — 4 bedrooms, 2 1/2 bath 2 story recently painted inside and out, new carpet, 2200 sq. ft., separate living and dining, den, w fireplace. \$43,800.

**RT. 1 ARAB, AL.** — 30 acres of nice rolling farm land with 2 frame houses plus barn and garage. Houses could be rented. Part of land in cultivation.

**MOORE'S MILL HEIGHTS** — 140' x 145' lot with double wide mobile home. Completely furnished. Super clean and ready to move into. Many fruit trees and garden area. (R-2723)

**ARAB** — Brick rancher features large living room, cozy den, 3 large bedrooms, 2 full baths, large laundry room, single garage. \$35,000. Extra finished bldg. 621 could be office.

**PINE LAKE** — ARAB — this large beautiful rustic home is located on private lot. Boat and fish from back yard — swimming pool and tennis courts available — Features "Great" roof, 4 bedrooms, 2 baths, rec room, huge wood-burning fireplace, inside laundry — huge deck overlooking lake. Vacation living all year long. Buy \$14,000 equity and assume \$324. mo. payment.

**NEW MARKET** — Exceptionally clean and well-kept home with 3 bedrooms (master king sized), large living room and separate dining room (12x20), 3 baths, large lot. Total price \$36,500.

**JOPPA, AL.** — 35 acres, 2 bedroom brick home with producing chicken house, 28 acres in pasture that can be row cropped, 7 acres in woods. House in perfect shape (1250 sq. ft.). 300' x 34' chicken house holds 15,000 chickens. City water, 2 wells, pond and year round creek. \$55,000. Beautiful — Bargain.

**ARAB, AL.** — New English Tudor — 3 bedrooms, den and rec room, fireplace, fully carpeted, located on lovely lot with 162 ft. of water front. Pool and tennis available. \$46,000.

**ARAB** — This nice brick rancher is located on over an acre lot with mature apple trees, city water. Living room, large family room, 3 bedrooms, 2 baths, eat-in kitchen, large laundry room, porch, in very good condition. Hilldale Subdivision. \$36,000.

**SCOFIELD ST. HAZEL GREEN** — 2 acres of wood land, will make excellent site for home or trailer site. 5 miles south of Hazel Green. \$5,000.

**MARSHALL COUNTY** — 40 acres open land — Frame 6 room, 1 bath country home, one car garage. 1612 sq. ft. barn. Call for all the details. \$66,000.

**ONE FULL ACRE** — Large 4 bedroom brick rancher with 2675 sq. ft., carpeted throughout, central heat and air, double garage, covered patio, and completely fenced. Just out from the edge of town. \$45,000 (H1R4)

**NEW HOPE** — This large restored home is in excellent condition and has the charm of years gone by. Foyer, living room with fireplace, plus rec room, 3 bedrooms, 2 baths, inside laundry. Buy \$9,000 equity and assume \$275 mo. payments.

**LACEY'S SPRING** — Large 2-story home located on acre wooded lot plus 18x36' swimming pool. This home is beautifully decorated. Living room, large informal dining room, den with fireplace, 3 bedrooms, 2 1/2 baths, study kitchen with compactor and corning stove and many cabinets. \$55,000.

**RT. NO. 4, ARAB, AL.** — Extra nice brick rancher located on an acre lot just outside the city limits of Arab. Home features 3 large bedrooms, 2 baths, large den and living room, inside utility room and double carport. Lot is landscaped nicely with many fruit trees and grape arbor. \$36,000.

**WILL HOLT RD.** — Hazel Green — Brick rancher on 7.6 prime acres. All cleared and pasture. Large living room with fireplace, country kitchen, 3 bedrooms, 2 baths, carpet, central heat and air. Beautiful setting for great country living in one of the better areas of the county.

**BRITTON HOLLOW RD.** — Rt. #4 Pulaski, Tenn. — 107 acres rolling and level (90% in pasture), old farm house (now occupied), crops in corn, peanuts, sugar cane, etc. Barn, 2 ponds and 3 springs. 45 minutes drive from Huntsville. \$45,900. (RH1)

**ROLIN HOLLOW** — A beautiful 2900 sq. ft. basement rancher and 15 acres of the prettiest rolling Tennessee land. Features 3 bedrooms, 1 1/2 baths, 2 fireplaces, rec room, breakfast room, fenced and cross fenced, barn, everlasting spring and beautiful view of the Hollow. \$45,900. (RH1)

**CATACO** — Custom built, all brick rancher under construction and 5 acres, all cleared for pasture (additional 9 acres, all wooded are available). Floor plan has foyer, ac-tivity room with woodburning fireplace, separate dining, 4 bedrooms (or 3 and paneled study) master bedroom is 12x20, 2 baths, large utility room, double side entry garage, central heat and air. Perfect for horses and garden. \$59,000.

**• ACREAGE & LOTS •**

**2 ACRES** — Owens Cross Roads. New 431 Hwy. \$8,000. **38 ACRES** — Ardmore Hwy. 11 miles North of Mastin Lake Rd. — 80% cleared, 90% cultivatable, 10% trees. \$49,900.

**UNION HILL** — Pretty 1 acre, loaded with pine trees, ideal for mobile home or small house, septic tank already installed. \$2,200.

**MADISON** — Lot for sale. 600 ft. fronting on Sullivan Rd. in Madison, AL. Zoned B-3. Call for details. **EVERGREEN & DAWN, S.E.** — 2 large corner lots with a view — both together. \$16,000.

**47.4 ACRES TIMBERLAND** — Gurney \$200/Acre. **24.6 ACRES** — 9 miles South of Tusculum River Bridge, city water, fenced and cross fenced. \$25,000. **5 ACRES** — Bo Howard Rd — \$11,000. **STATE LINE RD.** — 42.6 Acres level land, 50% wooded, 50% cleared and tillable \$46,700. **5 ACRES** — Kelly Spring Rd. — \$11,000.

**JOPPA** — 37 acres located on paved road 2 miles Southwest Arab. City water, hardwood and pines. \$31,450. **29.5 ACRES** — Telephone Tower Rd. — Brindlee — Beautiful building site bounded on 2 sides by road, fenced on other 2 sides. \$32,800.

**42 ACRES** — 34A productive pines. \$22,500. Cullman County. **4 or 5 ACRE TRACTS** — \$1,250 - \$1,500 per acre. River Rd. Lacey's Spring. **17 ACRES** — Pine Grove Rd., level, north of city. \$25,500.

**KINGS MTN. (PULASKI PIKE)** 100 acres, 50% on top and 50% on side of mountain \$135,000. **2 ACRE LOT** within a stone throw of the Tennessee River. Perfect for mobile home or weekend place. \$3,000 or make us a offer. **ARAB, AL.** — Lots 4 and 5 Montdale Subdivision, \$1,200 ea.

**PINE LAKE VILLAGE, ARAB** — \$4,600 to \$6,600. **POINT AQUARIUS** — High lot on cul-de-sac overlooking Logan Martin Lake. \$9,386.33. **END OF CHAMBERS DR.** — Large Northeast Huntsville lot. \$15,000.

**BLOSSOMWOOD AREA** — 3 beautiful mountainside 1/2 acre, back-to-nature lots in Mountaintop area. \$12,500 ea. **RIVERVIEW ESTATES** — 159' x 320' located near Tennessee River in Morgan County — \$2,950. **BEAUTIFUL VIEW** off Tea Garden Dr. Blasted and prepared for building. Price \$17,200.

**SPECTACULAR FOX RUN**

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shades. Price range of homes \$43,500 to \$56,000. Carefully chosen house plans excellent builders, professional decorators. Directions: East on Weatherly Road, turn right on Todd Mill Rd., turn left on Green Mountain Rd., watch for the Open House signs. Turn right on Queens, following the street into Fox Run Subdivision.

**11206 WOODCREST**

**CHESTNUTS ROASTING ON THE OPEN FIRE** . . . The holidays are just around the corner and you can look forward to cozy winter evening in this immaculate tri-level where JACK FROST would be "hard-put" to nip any noses and TINY TOTS will have bedrooms of their own, as well as, lots of room to play inside and out. Their STOCKINGS CAN BE HUNG over the brick fireplace of this tastefully decorated home. 2100 sq. ft. of living area — 4 bedrooms, 1 1/2, 1/2 baths, \$48,500. Your hostess: Joyce Kelley. Directions: South on Parkway to Meadowbrook, left (East) on Meadowbrook to Woodcrest and left on Woodcrest.

**☆ INVESTMENT PROPERTY ☆**

**NEW HOPE** — Main Street — 22' x 90' lot with single story building. Excellent for barber shop, beauty shop, etc. \$9,000.

**NEW HOPE** — Main Street — 42' x 78' lot with 2400 sq. ft. building. \$26,500.

**SCOTTSBORO** — 32 unit apartment complex — 12 one bedroom units, two bedroom units, swimming pool, terrace — call for information.

**5 BUILDINGS** on large plot — \$150,000. (A626-30)

**9 ACRES** on Newton Rd. Zoned 2A.

**COMMERCIAL**

**MADISON, AL.** — 40 acres at Wall Triana and Gillespie Rd. Zoned Multi-Family. \$200,000.

**WHEELER AVE.** — 120' x 150'. Excellent location for car lot, tire store, finance company, office space, owner will sell, lease or develop for suitable tenants.

**HOLMES AVENUE** — 2 acres of prime land with house. \$9,000. **HWY. 72 WEST** — 8 acres, 600 ft. frontage highway, level, wooded. Multiple uses. \$15,000.

**9TH AVENUE** — 12,000 sq. ft. of warehouse, office, shop and garage facilities centrally located on 2 1/2 acres, completely fenced, adjoining railroad spur.

**HWY. 231 SOUTH** — Excellent commercial front located at "Gasoline Alley." Good highway frontage. \$150 per front foot.

**1000 HUNDLEY DR.** — Clean 3 bedroom house, new roof. Combine living and business with large concrete block building suitable for electrical, plumbing, machine shop, etc. \$25,000.

**SOUTH MEMORIAL PARKWAY** — Between "C" and "D" and "Cloth Basket." 111' x 350'. \$110,000.

**HUMES AVENUE** — Commercial location. 1800 sq. ft. building on 50' x 150' lot. \$16,000.

# Can't Tell By The Envelope

By Jennifer Garren

Army occupations are as diversified as jobs in civilian life, but some jobs tend to be more desirable than others. However, that's just because they've acquired a reputation. Sometimes, the jobs you least expect to be interesting prove most fascinating.

Being a mail clerk is a good example.

Could someone find fascination in sorting through letters every day? Well, perhaps not. But mail rooms don't only receive envelopes. It's the packages that stir curiosity.

James Avans, who works at the Consolidated Mail Room at the Missile and Munitions Center and School, and Norris Payne, a worker at the Main Post Office, have no difficulty finding diversions. Avans smiles as he recalls some mail room happenings.

A packaged fish arrived from overseas once that had begun to decay in its travels. Because it was postmarked, it couldn't be thrown away. A week passed before the owner finally claimed the interesting, but not very appreciated, parcel.

Another time, limberger cheese arrived through the mail. It was finally locked in a safe, not because it was worth any great amount but because its distinct fragrance began to dominate the office. As a matter of fact, Avans

recalls that the scent hung in the office several months after the cheese was picked up.

Sounds also attract interest in mail rooms, says Avans. Once, a buzzing package of bees, probably angry because they'd rather travel by themselves than through the mail, kept workers on edge. The soft chirping of baby chicks brightened a few days for mail room employees.

Payne was working the night shift once when suddenly the tune "Dixie" began playing over and over. He concluded that a small package contained a music box.

The sounds aren't always agreeable. Once in a while somebody will mail a ticking clock. Of course the clocks are packaged, unseen, but the noise doesn't go unnoticed. There's always the thought, "Is it a bomb?"

Sometimes unusual things drop in at the mail room. A large bag of rocks were shipped here from overseas. They couldn't have been very valuable as they were traveling fourth class. And a bulky letter arrived not too long ago with white powder spilling out at the corners. Thinking it might be of an illegal nature, mail room employees had it checked. It turned out to be a leading brand of detergent soap. Scented letters are quite popular, but soapy letters? Oh well . . .



IS IT TICKING? — No, just one of the ordinary packages that James Avans deals with daily at the Missile and Munitions Center and School Consolidated Mail Room.

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The film should be available from local audio-visual support centers. (ARNEWS)

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- Bill Chandler . . . . . 881-2577
- Jack Kelly . . . . . 881-0574



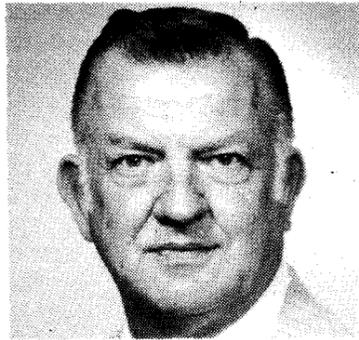
# ABM Veterans Win Highest Civilian Award

Charles E. Richardson, Jr., former Deputy Commander, Ballistic Missile Defense Systems Command (BMDSCOM), and Dr. Oswald H. Lange, former Chief Scientist for the Command, have been awarded the Decoration for Exceptional Civilian Service by Secretary of the Army Martin R. Hoffmann.

Both men (now retired) received the Secretary of the Army's highest award for civilian employees for their outstanding achievements in the management and scientific development of the SAFEGUARD System in the Ballistic Missile Defense (BMD) Program.

Richardson was assigned as Deputy Commander, BMDSCOM in October 1975 and prior to that time served as Chief Engineer for the Command. He is a veteran of 24 years experience in the missile field since starting his career with the Ordnance Missile Laboratories at Redstone Arsenal in 1952.

In the Ballistic Missile Defense



**RICHARDSON**

Program, Richardson worked with the NIKE AJAX program, the NIKE ZEUS Project, NIKE-X, SENTINEL, SAFEGUARD and finally BMDSCOM.

The citation for Richardson's award reads in-part as follows: "For exceptional performance of duty in providing technical and executive continuity in the development of the SAFEGUARD System in the Ballistic Missile Defense program."

Dr. Lange was assigned as Chief Scientist with the NIKE-X Project Office in 1965 and held that position with the SENTINEL, SAFEGUARD and Ballistic



**LANGE**

Missile Defense Systems Command until his retirement in 1976.

A pioneer in missile development, Dr. Lange served from 1939 to 1945 at the German Army Missile Center in Peenemuende where he worked on V-2 guidance and control and later in charge of the "Wasserfall" surface-to-air missile.

From 1947 to 1953 Dr. Lange served as Principal Scientific Officer for research and development in guided missile systems at the Royal Aircraft Establishment, Farnborough, England, prior to joining the Advance Design Department of

the Glenn L. Martin Company in this country in 1954.

In 1965 he joined the Computation Laboratory of the Army Ballistic Missile Agency where he served as Deputy Director until 1959. He became an American citizen on May 5, 1959.

When the National Aeronautics and Space Administration's Marshall Space Flight Center was established, Dr. Lange was Project Director of the Saturn I, Saturn IB and Saturn V launch vehicles. He was Assistant Center Director (Scientific and Technical Analysis) at the NASA Marshall Space Flight Center from 1963 to 1965 when he joined the NIKE-X Project Office.

Dr. Lange's citation reads in-part as follows: "For exceptional dedication to science and dynamic leadership in the development of the SAFEGUARD System in the Ballistic Missile Defense Program."

Richardson and Lange are currently making their homes in the Huntsville area.

## VETS ASK!

Q—Is it true that I may personally review my claims folder? If so, what is the authority and how do I make the arrangements for a review?

A—Public Law 93-579 (Privacy Act of 1974)

requires that government agencies make available any records they may have pertaining to an individual to that person upon request. Contact the nearest VA office for complete information.

Q—I have a guaranteed GI loan with a remaining balance of \$8,000. I want to pay off the loan in full at this time. Will there be any penalty in paying off the loan early?

A—No. A guaranteed loan may be partially or fully paid at any time without penalty.

## Medaris Good

ORLANDO, Fla. — Doctors at Florida Hospital reported MG John B. Medaris (Ret.) in good condition Monday following a five hour operation Sunday to clear a clogged valve in his heart.

Medaris, former commander of the U.S. Army Ordnance Missile Command and Redstone Arsenal, retired in 1960, later became an Episcopal priest.

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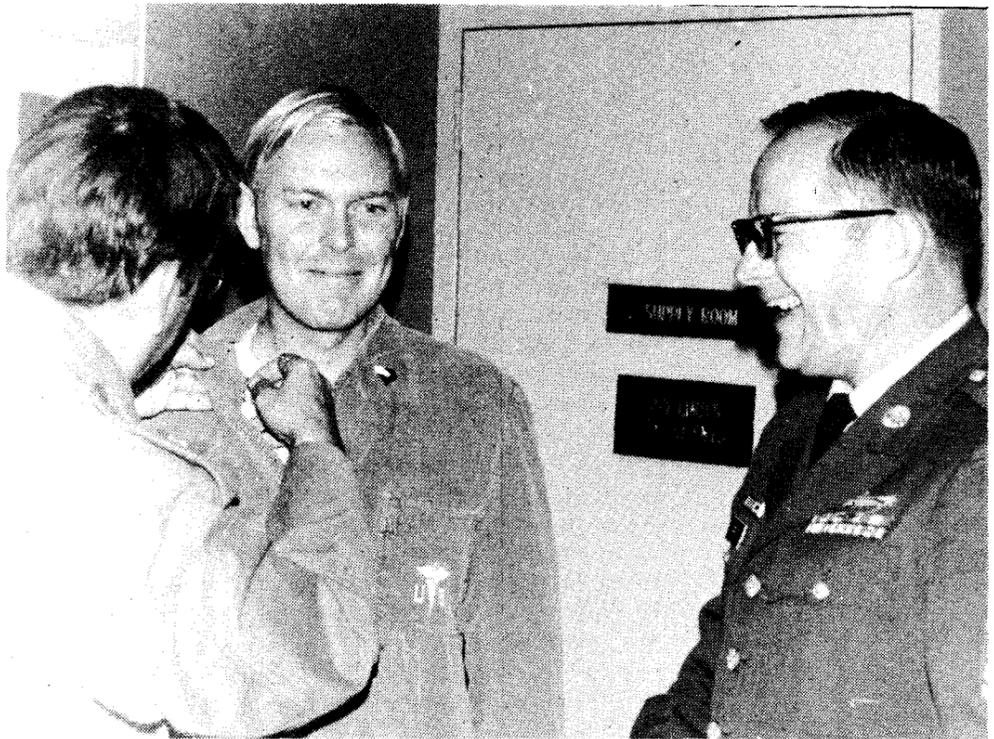
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**FRIDAY 12:**  
**BILL BRANDON WITH SWEET LORRAINE AND "TIME"**  
9 P.M.-1 A.M.  
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**SATURDAY 13:**  
**GERMAN HERBST FEST**  
Bavarian Band, German Beer, Buffet and Floor Show ..... \$4.00 Per Person  
Buy Tickets Now—Or At The Door  
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**SPECIAL ATTRACTION—WED. 17-NOV 76**  
**"CURTIS BOLDIN & THE HI BOYS"**  
Good Vibrations

**DOCTOR'S ORDERS** — Tonsillitis didn't stop Pfc. Kent A. Carlson's promotion to specialist four last week. His unit, the 4th Student Company, held a ceremony strictly in keeping with medical rules—in Carlson's ward at Redstone Army Hospital. Pinning on the insignia are 1st Sgt. George W. Pryor and Sgt. 1st Class Jack M. Milford. Carlson, a native of Phoenix, Ariz., is a student in the Tow-Dragon missile repair course at the Missile and Munitions Center and School.



**Band Parents Plan Barbecue**

The Whitesburg Middle School Band Parents will sponsor a barbecue dinner this Sunday at the school cafeteria. Serving time will be 11 to 2 with carryouts available.

Tickets are being sold by the band members and will be available at the door.

Funds are to be used for band operational expenses such as new instruments, instrument repair, music, competitions, etc.

Any help you can give us in this endeavor will be appreciated. Additional information may be obtained from Milton Jenkins, 129 Westbury Drive, Telephone 881-0193.

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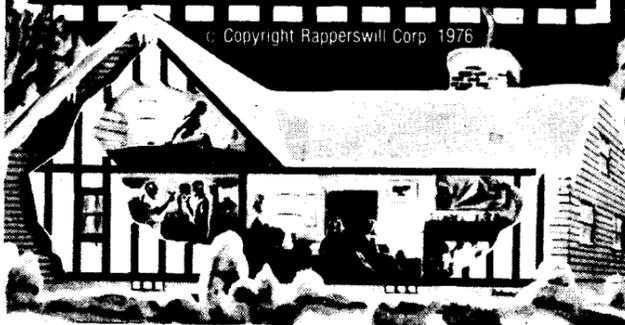
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*The Omnibus Card expands your Credit Union membership benefits:*

1. The Omnibus Card adds more convenience to making on-the-spot purchases at participating area-wide merchants.
2. There is no service fee or FINANCE CHARGE applied for invoices you designate to be paid from your shares account.
3. If payment of the invoice is to be made from your open-end Astro Loan Account, a FINANCE CHARGE of 1% per month on the unpaid balance (12% ANNUAL PERCENTAGE RATE) will be incurred rather than the 1½% per month on the unpaid balance (18% APR) many other credit card issuers charge.
4. You may enroll and use Share Drafts or Payment Orders (shares drafts) and Astro (loan) Drafts for making purchases at merchants not offering the Omnibus Card Plan. These personalized drafts are provided at no direct cost to you.
5. Your monthly Statement of Accounts will list your cleared drafts and invoices by number and amount. You receive a copy of your Omnibus Card invoice when you make a purchase.
6. You may pay with one check or draft one place, your Credit Union, on the 15th of each month for all items "charged" to your open-end loan account when you made purchases with your Omnibus Card or Astro Loan Drafts.
7. The Omnibus Card serves as a source of identification (certification of your signature and account number).
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Should pregnant military women be allowed to remain in the Army?



Staff Sgt. Leonard Crain—"No. I feel they cannot divide their lives. They have to make a choice between military or family life, depending on whether or not they're married. If we go to war are they going to go with us, or are they going to go home with their families?"



Staff Sgt. Leslie Gloyd—"It depends on location, job assignment, capabilities, and the individual's attitudes. This would have a bearing on whether the woman has the maturity to make a good decision."



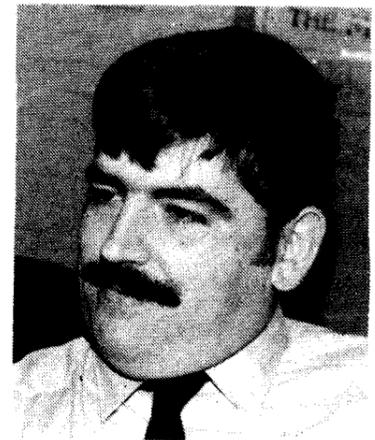
Pfc. Sissy Bennett—"If a woman wants to remain in the service, pregnancy shouldn't make any difference. I like the pregnancy policy the way it is now."



CWO Joe Carney—"Definitely not. Have you ever seen a pregnant woman handling ammo? They lose too much time and are unable to perform their jobs."



Staff Sgt. Charles Ragston—"I feel that if a person wants to work, she should be able to stay once she's come off maternity leave—as long as it's not affecting the job she's doing."



Spec. 5 Donald Carter—"No. They are in to complete a mission and when they are pregnant they can't complete the mission. If a man can't complete his mission, his butt is in a sling."

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### MMCS Ladies

The monthly MMCS Ladies Activities will be hosted by the Directorate of Training Development ladies' group at 9:30 a.m. Nov. 23 in the HAWK Room of the Officers' Open Mess. Coffee will be served. For reservations, call your group chairman.



DURING RALEIGH RALLY DAYS SAVE \$ ON '75' MODEL

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- RECORDS
- SPRITES

the outdoor omnibus

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### WICKER & RATTAN FURNITURE ROCK

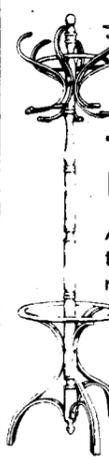
## Christmas Comforts...

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# A Lot of Boat — At Half the Price

By Jennifer Garren

A sailboat like the one Leslie Sanders owns would probably cost the average person \$25,000. It has berths for up to five people, sails as fast as eight knots and weighs 8,000 pounds.

But Sanders, chief of the Land Combat Branch at the Missile and Munitions Center and School, didn't pay that much. Wanting a boat, yet, like most people, unable to dole out what the dealers were asking, he decided to build one.

The expenses were cut in half and after a year of work, his sailboat was ready to launch.

Sanders saved a year's work by buying a ready-made hull and deck, which gave him a skeleton to flesh out.

Building cabinets, setting up the mast and installing electrical and plumbing systems, he said, were for the most part busy-work and consumed countless hours.

One of the biggest problems was the keel, a plate extending the length of the boat to keep it from tipping over. Since the boat's approximate weight was 4,000 pounds, the keel had to weigh at least that.

"Did you ever try to buy 3,000 pounds of lead?" laughed Sanders. It took a while, but he found a dealer and started designing the keel.

Completed, the keel weighs about 4,000 pounds, being reinforced with steel and concrete. Because of its weight, Sanders had to rent a crane to hoist it for bolting to the boat.



Cruising along Guntersville lake.

Hardware was also hard to come by, as were the mast, rigging and fittings. Sanders spent the first three or four months hunting for parts.

"I couldn't go downtown to Huntsville to buy them," Sanders said. Almost all of the manufacturers he dealt with were foreign: English, Danish, Japanese and Dutch, for example.

He built the boat in the front

yard of the house he also built for himself on Monte Sano. He bought a heavy equipment trailer to transport the sailboat to the water. Christened "The Josiel," it was launched at Muscle Shoals and then sailed 100 miles to its present mooring at Guntersville Lake.

Sanders is planning a three-week voyage in the near future and upon retirement an extended

cruise of about six months.

He is a graduate of Middle Tennessee State University, where he acquired a knowledge of industrial arts, drawing, drafting and wood and metal working. He designed houses in Huntsville for 10 years before coming to work at Redstone in June 1957.

Has Sanders got any future projects in mind? "I don't, but my wife may," he said.

## Involuntary Extensions Ending

(Washington) — Involuntary three-month tour extensions for soldiers serving overseas are being shortened following Congressional approval of additional money for travel and moving.

Extended short tours expiring in May or later will be shortened one month. Long tour extensions will be shortened up to two

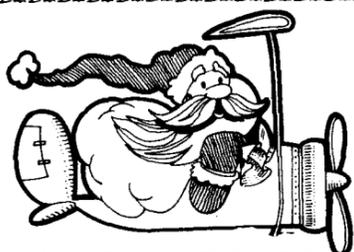
months on a phased basis.

In the first phase, extended long tours due to expire in June, July and August will be shortened one month. Those expiring in September and October will be shortened two months, moved up to August and September respectively.

A possible third phase, in which all three months of the tour ex-

tension is eliminated beginning in September will be announced in February if sufficient funds are available.

There are numerous provisions dealing with special assignments, command tours and other specific groups. Personnel offices can provide specific details. Tours extended voluntarily will not be shortened.



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Decorations Chairman Barbara Pope wonders what she's going to do with all the greenery.



Jane Jones adjusts candle in candelabra.

## Charity Ball Preparations

The OWC 14th annual charity ball is only two weeks away but decorations chairman Barbara Pope has been working with committee members Betty Cochran, Diane Kline, Jane Jones and Dianna Haddock to make table and wall decorations for this year's candlelight ball.

Pope has been trying to salvage used Christmas decorations left from past OWC endeavors in

order to reduce decorating costs.

Gold candelabras, greenery, pine cones and candles will be adorning the main ballroom of the Officers Club for the dinner dance gala on November 20th.

Tickets at \$8.50 per person (includes dinner with wine) are available through November 14 from Mrs. William Ward, 837-0837 or Mrs. Robert Nulk 837-3304.



Betty Cochran and Diana Haddock spray cones for table decoration.

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# Continuous Education

• PROFESSIONAL DEVELOPMENT • CAREER REDIRECTION • PERSONAL ENRICHMENT

Learning is truly a lifelong experience, and we at The University of Alabama in Huntsville believe that participation in this activity could be your best investment for tomorrow, personally and professionally. Thus, we want to provide you with the right course, at the right times, and with a minimum of admission and registration problems.

## COURSE OFFERINGS

The following courses are available to the general public during the Winter Term (December - February), 1976-77. Courses numbered CE are non-credit offerings. There are no admission requirements for these courses; prerequisites, where shown, are given to indicate the instructional level and the suggested background of the attendees.

## REGISTRATION AND RESERVATIONS

Non-credit and non-matriculated registration for full-term courses will be held on Wednesday, December 1, from 9:00 a.m. to 1:00 p.m. and 4:00 p.m. to 9:00 p.m., and Thursday, December 2, from 6:00 p.m. to 9:00 p.m. (Regular students register for full-term credit courses using the standard procedures.)

Registration for short-term courses and weekend seminars will take place at the start of the first session. This applies to non-credit as well as all credit students. Reservations in these special offerings are required, normally at least 7 days prior to the starting date. Persons who apply through a governmental or industrial training office for these courses should personally verify their reservations by telephoning 895-6010.

ADVANCED NON-CREDIT REGISTRATION AND RESERVATIONS FOR CREDIT COURSES MAY BE COMPLETED BY MAIL, USING THE FORM AT THE BOTTOM OF THIS PAGE.

## FEES AND PAYMENTS

Except for regular students in full-term courses, fees for all courses must be paid at the time of registration. BankAmericard, Master Charge, and First Charge credit cards may be used in the payment of fees. Purchase orders will be accepted from recognized firms and governmental agencies.

The listed fees for on-campus offerings include a \$3 registration fee. This is non-refundable. Other fees may be refunded after the start of a course, in the basis of a prorated schedule, with no refunds after 30% of the sessions.

## MOTOR VEHICLE PERMITS

The University of Alabama in Huntsville requires registration of all motor vehicles operated on the campus by students in full-term courses. The annual registration fee is \$5 per vehicle. Students in short-term and weekend offerings will be provided guest parking permits without charge.

## ASSOCIATE AND POST-GRADUATE PROGRAMS

The UAH Division of Continuous Education offers credit programs at the associate and post-graduate levels. The Associate Certificate may be earned in Child Development, Interior Decoration, and Law Enforcement. These programs require 30 semester hours of credit in a specialty curriculum plus 30 semester hours of general education.

Persons holding a bachelor's degree may earn the Post-Graduate Certificate in General Administration, Industrial Administration, Logistics Management, General Technology, Sensor Systems, Electronics Technology, Aeromechanical Technology, or Computer Technology. Requirements include 15 semester hours of credit in a curriculum of 500-level (or higher) courses.

## INFORMATION

For additional information concerning these and other special offerings of UAH, contact the Division of Continuous Education, 230 Madison Hall, telephone

895-6010

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## GENERAL INTEREST

### CONVERSATIONAL GERMAN (CE-R18-4 c.e.u.)

Instructor: Inge G. Heybey; B.A.; Instructor of Latin and German  
Schedule: Mon. & Wed.; 2:00 - 4:00 p.m.; Dec. 6 - Feb. 21

### SEX ROLES IN SOCIETY (CE-R59-2 c.e.u.)

Instructor: Jean K. Greenwood; M.A.; Instructor of Anthropology  
Schedule: Thurs.; 6:00 - 8:00 p.m.; Dec. 9 - Feb. 24  
Location: 213 Madison Hall  
Fee: \$40, plus textbook  
An exploration of the evolution and nature of human sexual differences and similarities beginning with primate variation and including the cultural factors influencing the development of sex roles and stereotypes in today's societies.

### PIANO FOR ADULTS (CE-R60-1 c.e.u.)

Instructor: To be announced  
Schedule: Tues.: 4:00-5:00 p.m.; 5:00-6:00 p.m.; 6:00-7:00 p.m.; 7:00-8:00 p.m. (time to be selected by students; Dec. 7 - Feb. 15  
Location: 212 Humanities Building  
Fee: \$50, plus materials  
Beginning piano instruction for adults, lessons will include development of skills in music reading, chording, playing by ear, and accompanying.

### METRICATION FOR SECRETARIES (CE-R65-1 c.e.u.)

Instructor: Hermann R. Wagner; B.S.M.E.; NASA Marshall Space Flight Center (Retired)  
Schedule: Section A - Mon.; 6:00 - 8:00 p.m.; Dec. 6 - Jan. 10  
Section B - Wed.; 10:00 a.m. - 12:00 noon; Dec. 8 - Jan. 19  
Location: Section A - 213 Madison Hall  
Section B - 309 Madison Hall  
Fee: \$20, materials included  
Introduction to the history and logic of the metric (SI) system. Concentration to be on the four basic units, understanding of metric prefixes and symbols, scientific notation, and approved methods of typing and illustrating.

### PARAPSYCHOLOGY (CE-R68-4 c.e.u.)

Instructor: Joseph H. Slate; Ph.D.; Professor of Psychology, Chairman, Behavioral Science, Athens State College  
Schedule: Thurs.; 6:00 - 10:00 p.m.; Dec. 9 - Feb. 24  
Location: To be announced  
Fee: \$40, plus textbooks  
A course designed to investigate a variety of parapsychological topics to include telepathy, precognition, clairvoyance, psychokinesis and other unexplained phenomena.

### AMERICAN RELIGIOUS SECTS AND CULTS (CE-R70-3 c.e.u.)

Instructor: Joe E. Sparks; Ph.D.; Assistant to the President, UAH  
Schedule: Tues.; 6:00 - 8:30 p.m.; Dec. 7 - Feb. 15  
Location: To be announced  
Fee: \$50  
An historical study of various sect and cult groups within American Protestantism. The course will emphasize the origins, leaders, beliefs, and current status of these groups.

### PRINTMAKING WITHOUT A PRESS (CE-R71-1.6 c.e.u.)

Instructor: Jo Anne Paschall; M.F.A.; Department of Art, UAH  
Schedule: Wednesdays; 7:00 - 9:00 p.m.; Jan. 5 - Feb. 23  
Location: 102 Humanities Building  
Fee: \$35, plus supplies  
A summary course covering several facets of relief printmaking for the artist without access to formal printmaking laboratory facilities.

### DRAWING WITH PEN AND INK (CE-R72-2 c.e.u.)

Instructor: Richard C. Pope; M.A.; Department of Art, UAH  
Schedule: Saturdays; 9:30 - 11:30 a.m.; Dec. 11 - Feb. 26  
Location: 201 Humanities Building  
Fee: \$40  
An informal workshop for those interested in learning how to draw with pen and ink. Instruction in the use of basic tools and materials as well as fundamental drawing techniques and styles.

### CHILD NUTRITION AND HEALTH CARE (CD-102-3 sem. hrs.; CDN-102-4 c.e.u.)

Instructors: Judith P. Terry; B.S.; School of Primary Medical

### CRITICAL ISSUES IN LAW ENFORCEMENT (LE-401-3 sem. hrs.; LEN-401-4 c.e.u.)

Instructor: Eugene A. Olsen; Ph.D.; Associate Professor of Public Administration, UAH  
Schedule: Sat.; 8:30 a.m. - 12:30 p.m.; Dec. 4 - Feb. 26  
Location: 223 Madison Hall  
Fee: \$87, plus textbook  
A series of lecture and discussion periods concerning current issues that are of critical importance to law enforcement in a free society designed to be of value to both students and professional practitioners in law enforcement. Prerequisite: LE-101 or experience.

### CARDIO-PULMONARY RESUSCITATION (LS-101-1 sem. hr.; LSN-101-1.6 c.e.u.)

Instructors: Joan Williamson; M.S.N.; Assistant Professor of Nursing, UAH  
Gloria J. Grube; M.S.N.; Assistant Professor of Nursing, UAH  
Schedule: Section A - Sat.; 8:00 a.m. - 5:00 p.m.; Jan. 15 & 22  
Section B - Sat.; 8:00 a.m. - 5:00 p.m.; Feb. 12 & 19  
Location: 133 Ambulatory Care Center  
Fee: \$30, materials included  
A course designed to provide the skills needed to perform cardiopulmonary resuscitation on an infant or adult who has suffered respiratory and cardiac arrest. The successful student will receive Instructor Certification by the American Heart Association. Prerequisite: Instructor approval.

### BUSINESS AND MANAGEMENT

#### FEDERAL/STATE INCOME TAX (CES10-1.6 c.e.u.)

Instructor: John R. Wynn; J.D.; L.L.M.; Lanier, Shaver and Herring  
Schedule: Weekend short course: Jan. 8 & 9; 8:00 a.m. - 5:00 p.m. Reservations by Dec. 21.  
Location: 222 Madison Hall  
Fee: \$40, plus textbook  
An in-depth study of Federal and Alabama income tax laws and regulations and their effect on the individual and small business taxpayers. Practical approaches to income tax preparation and solution of typical tax problems are stressed.

#### MANAGING THROUGH COMMUNICATIONS (CE-S12-2 c.e.u.)

Instructor: Ronald Baudendistel; M.A.S.; Chrysler Corporation, Huntsville  
Schedule: Wed.; 6:00 - 8:00 p.m.; Dec. 8 - Feb. 23  
Location: 108 Madison Hall  
Fee: \$53, plus textbook  
A practical course designed to improve the supervisor's communications skills. Emphasis is on handling basic problems in managerial communications. Participative skills and practice sessions are included.

#### TRANSACTIONAL ANALYSIS FOR MANAGERS (CE-S32-1.4 c.e.u.)

Instructor: Luther E. Kramer, III; M.Div.; Director, The Key - Center for Creative Living  
Schedule: Short course: Jan. 27 & 28; Thurs. & Fri.; 8:30 a.m. - 5:00 p.m. Reservations by Jan. 20.  
Location: 235 Madison Hall  
Fee: \$100, materials included  
A practical course in transactional analysis and how it may be used to promote growth and development of organizations. It is designed for individuals seeking to improve their managing skills.

#### FUNDAMENTALS OF BUDGETING (CE-S38-2 c.e.u.)

Instructor: Christopher J. Howell; M.B.A.; Department of Business Administration, UAH  
Schedule: Short-term course: Jan. 24 - 28; Monday - Friday; 12:30 - 4:30 p.m. Reservations by Jan. 17.  
Location: 223 Madison Hall  
Fee: \$125, materials included  
The survey of budgeting principles and techniques used by industry and government for planning and control. Emphasis is on using budgets as professional tools in management and administrative organizational environments.

#### RESOURCE ALLOCATION TECHNIQUES (CE-S40-2 c.e.u.)

Instructor: Leonard S. Yarbrough; Ph.D.; NASA Marshall Space Flight Center  
Schedule: Short-term course: Jan. 31 - Feb. 4; Monday - Friday; 12:30 - 4:30 p.m. Reservations by Jan. 24.  
Location: 223 Madison Hall  
Fee: \$125, materials included  
A study of the methodologies and techniques available for the

### SCIENCE AND TECHNOLOGY

#### APPLIED CALCULUS REVIEW (CE-T04-4 c.e.u.)

Instructor: Mario H. Rheinfurth; M.S.; NASA Marshall Space Flight Center  
Schedule: Mon. & Wed.; 6:00 - 8:00 p.m.; Dec. 6 - Feb. 23  
Location: 109 Madison Hall  
Fee: \$87, plus textbook  
A detailed review of fundamental theory and applications of differential and integral calculus, with an emphasis on problem solving. Prerequisite: General background in college-level mathematics.

#### TECHNICAL WRITING FOR ENGINEERS & SCIENTISTS (CE-T08-2 c.e.u.)

Instructor: Mollie G. Daugherty; A.B.; Lecturer and Free Lance Writer  
Schedule: Short-term course: Jan. 31 - Feb. 28; Mondays; 12:30 - 4:30 p.m. Reservations by Jan. 24.  
Location: 222 Madison Hall  
Fee: \$125, textbook included  
A survey of the fundamentals of technical writing. This course is designed to improve the ability of engineers, scientists, and other technical personnel in preparing effective written materials.

#### MODERN ELECTRONICS FOR NON-SPECIALISTS (CE-T19-4 c.e.u.)

Instructor: Naim A. Kheir; Ph.D.; School of Science & Engineering, UAH  
Schedule: Short-term course: Jan. 10 - 21; Monday - Friday; 8:00 a.m. - 12:00 noon. Reservations by Jan. 3.  
Location: 223 Madison Hall  
Fee: \$250, textbook included  
An introductory survey of modern electronic circuits, devices, and applications. This course is designed for engineers, scientists, and other technical personnel who do not have a specialized background in electronics. Prerequisite: Science background.

#### NONDESTRUCTIVE TESTING (CE-T44-4 c.e.u.)

Instructor: Raymond L. Gause; Ph.D.; NASA Marshall Space Flight Center  
Schedule: Tues. & Thurs.; 6:00 - 8:00 p.m.; Dec. 7 - Jan. 18.  
Lab Schedule: Sat.; 8:00 a.m. - 12:00 noon; Dec. 11 - Jan. 22  
Location: 108 Madison Hall  
Fee: \$153, plus textbook  
An intensive survey of the principal methods of testing materials and mechanical products without decreasing their usefulness. Prerequisite: Bachelor's degree (or equivalent) in engineering or related area.

#### AVIATION FUNDAMENTALS: PRIVATE PILOT GROUND SCHOOL (CE-T51-5 c.e.u.)

Instructor: James L. Box; M.S.; FAA Certified Ground Instructor  
Schedule: Sat.; 8:30 a.m. - 12:30 p.m.; Dec. 4 - Feb. 26  
Location: 110 Madison Hall  
Fee: \$100, materials included  
A study of basic principles and practices relating to aircraft flight. This course is primarily designed to prepare persons for the FAA private pilot written examinations.

#### GENERAL PURPOSE SIMULATION SYSTEM (CE-T54-4 c.e.u.)

Instructor: Bernard J. Schroer; Ph.D.; Environmental & Energy Studies, UAH  
Schedule: Short-term course: Feb. 7 - 18; Monday - Friday; 8:00 a.m. - 12:00 noon. Reservations by Jan. 31.  
Location: 235 Madison Hall  
Fee: \$250, textbook included  
An intensive introduction to the simulation programming language GPSS (General Purpose Simulation System). Prerequisite: Bachelor's degree (or equivalent) in a technical area.

#### VALUE ENGINEERED DESIGN & CONSTRUCTION (CE-T62-4 c.e.u.)

Instructor: James E. Ferguson, Jr.; B.S., P.E., C.V.S.; Consulting Value Services of Alabama  
Schedule: Short-term course: Jan. 3 - 14; Monday - Friday; 8:30 a.m. - 12:30 p.m. Reservations by Dec. 21.  
Location: 110 Madison Hall

### HEAT TRANSFER TECHNOLOGY (MT-520-3 sem. hrs.; MTN-520-4 c.e.u.)

Instructors: Robert R. Head; Ph.D.; Division of Continuous Education, UAH. William R. Humphries; Ph.D.; NASA Marshall Space Flight Center  
Schedule: Short-term course: Feb. 14 - 25; Monday - Friday; 8:00 a.m. - 12:00 noon. Reservations by Feb. 7.  
Location: 235 Madison Hall  
Fee: \$250, textbook included  
Intensive survey of heat transfer theory, applications and devices, particularly as related to missiles and spacecraft. Prerequisite: Bachelor's degree (or equivalent) in engineering or closely related area.

### HIGH-ENERGY ASTRONOMY (MT-551-3 sem. hrs.; MTN-551-4 c.e.u.)

Instructor: John Gregory; Ph.D.; School of Science & Engineering, UAH  
Schedule: Short-term course: Jan. 4 - Feb. 3; Tuesday and Thursday; 12:30 - 4:30 p.m. Reservations by Dec. 21.  
Location: To be announced  
Fee: \$250, textbook included  
An intensive study of the theories, techniques, and programs relating to high-energy astronomy. Prerequisite: Bachelor's degree (or equivalent) in science or engineering.

### DIGITAL FILTERS: CONCEPTS AND APPLICATIONS (MT-552-3 sem. hrs.; MTN-552-4 c.e.u.)

Instructors: Robert J. Polge; Ph.D.; School of Science & Engineering, UAH. B.K. Bhagavan; Ph.D.; School of Science & Engineering, UAH  
Schedule: Short-term course: Dec. 6 - 17; Monday - Friday; 8:00 a.m. - 12:00 noon. Reservations by Nov. 29.  
Location: 235 Madison Hall  
Fee: \$250, textbook included  
Study of digital filtering techniques with applications to digital processing and data analysis. Prerequisite: Bachelor's degree (or equivalent) in engineering, mathematics or related area.

### ADVANCED RADAR SYSTEMS I (MT-554-3 sem. hrs.; MTN-554-4 c.e.u.)

Instructor: Duane E. Bowyer; Ph.D.; Teledyne Brown Engineering, Richard E. Lawrie; Ph.D.; Teledyne Brown Engineering  
Schedule: Mon. & Wed.; 6:00 - 8:00 p.m.; Dec. 6 - Feb. 28  
Location: 110 Madison Hall  
Fee: \$153, plus textbook  
Derivation and evaluation of various advanced techniques in radar systems. Prerequisite: Bachelor's degree (or equivalent) in engineering or related area.

## DECATUR EXTENSION — MASTER OF ADMINISTRATIVE SCIENCE PROGRAM

### HUMAN BEHAVIOR IN ORGANIZATIONS (AS-622-3 sem. hrs.)

Instructor: Charles H. Sanford; M.A.; Monsanto, Decatur  
Schedule: Tuesday; 5:00 - 9:00 p.m.; Dec. 7 - Feb. 22  
Location: 229 Classroom Building, Calhoun Community College  
Fee: \$100, plus textbook  
A study of the behavior of individuals and groups in an organizational context. Prerequisite: Admission to School of Graduate Studies, UAH.

### QUANTITATIVE AND RESEARCH METHODS IN ADMINISTRATIVE SCIENCE (AS-627-3 sem. hrs.)

Instructor: Bervil D. Davis; Ph.D.; NASA Marshall Space Flight Center  
Schedule: Wednesday; 5:00 - 9:00 p.m.; Dec. 8 - Feb. 23  
Location: 229 Classroom Building, Calhoun Community College  
Fee: \$100, plus textbook  
An introduction to the basic assumptions and techniques used in social science research. Prerequisite: Admission to School of Graduate Studies, UAH.

### SEMINAR IN MANAGEMENT (MGT-570-3 sem. hrs.)

Instructor: Eugene M. Simonson; M.A.S. (Candidate); U.S.

A practical course in contemporary German culture, designed to give the public an opportunity to learn the German language informally.

**BIBLICAL HEBREW I**  
(CE-R23-4 c.e.u.)

Instructor: Miriam Kidron; B.A.; Certified Instructor of Hebrew  
Schedule: Mon. & Wed.; 6:00-8:00 p.m.; Dec. 6 - Feb. 21  
Location: 340 Madison Hall  
Fee: \$87, plus textbook  
Introductory reading and writing of the Hebrew Language. The course will include the reading and understanding of Genesis, Chapter I, verses 1-31. This course is designed to give the student an elementary knowledge of the Hebrew Language.

**READING: SPEED & COMPREHENSION IMPROVEMENT**  
(CE-R24-2 c.e.u.)

Instructor: Martha L. Larson; M.Ed., Ed.Spec.; Reading Consultant, Instructor, UAH  
Schedule: Wed.; 7:00-9:00 p.m.; Dec. 8 - Feb. 23  
Location: 213 Madison Hall  
Fee: \$45 for the course, materials included  
A course providing individuals with an opportunity to improve their rate of reading and their reading comprehension.

**BASIC MEDICAL TERMINOLOGY**  
(CE-R32-2 c.e.u.)

Instructor: Pamela A. Nelson; M.S.N.; Instructor, School of Nursing, UAH  
Schedule: Mon.; 6:00-8:00 p.m.; Dec. 6 - Feb. 14  
Location: 329 Madison Hall  
Fee: \$40, plus textbook  
An introductory course concerning medical words and fundamental descriptions of anatomical structures and physiological functions of the body's systems.

**HOW TO LOOK AT ART**  
(CE-R37-2 c.e.u.)

Instructor: Jo-Ann R. Savas; B.S.; Art Instructor, Painter, and Illustrator  
Schedule: Tues.; 6:00-8:00 p.m.; Dec. 7 - Feb. 15  
Location: 213 Madison Hall  
Fee: \$40  
This course presents a general knowledge and appreciation of art. The student will learn ways of looking at art - form, line, space, color, and texture - to heighten enjoyment of art works.

**ASSERTIVE TRAINING FOR WOMEN AND MEN**  
(CE-R41-1.2 c.e.u.)

Instructor: Reese D. Kilgo; Ph.D.; Associate Professor of Education, UAH  
Schedule: Wed.; 7:00-9:30 p.m.; Jan. 5 - Feb. 2  
Location: 330 Madison Hall  
Fee: \$30  
An examination of behavioral patterns of submission, assertion, and aggression; constructive and destructive communication techniques; individual and small-group application and practice of constructive assertive behavior.

**EMERGENCY MEDICAL CARE**  
(CE-R50-2 c.e.u.)

Instructor: Clement P. Cotter; M.D.; Physician and Surgeon  
Schedule: Wed.; 7:00-9:00 p.m.; Dec. 8 - Feb. 23  
Location: 133 Ambulatory Care Center  
Fee: \$40  
Introductory course dealing with basic emergency medical problems which occur in everyday life and the modes of effective treatment which can be administered by a non-physician.

**LIFE/WORK SHOP: A PROGRAM FOR JOB HUNTERS AND CAREER CHANGERS**  
(CE-R53-2 c.e.u.)

Instructor: Michael C. Gray; B.S.; Veterans Affairs Advisor and Coord. Student Placement, UAH  
Schedule: Mon.; 6:00-8:00 p.m.; Dec. 6 - Feb. 14  
Location: 330 Madison Hall  
Fee: \$40, plus textbook  
A practical course designed to teach you how to analyze and translate personal experience for use in job employment and career advancement. Intended to assist persons seeking their first career, adults making mid-career changes, and women re-entering the working force.

**AMERICAN ANTIQUES**  
(CE-R57-2 c.e.u.)

Instructor: James F. Reeves; M.A. (Candidate); Owner, McCormick House Antiques  
Schedule: Wed.; 6:00-8:00 p.m.; Dec. 8 - Feb. 23  
Location: 329 Madison Hall  
Fee: \$40, plus textbook  
A survey of the first 200 years of American design and ingenuity in the creation of objects of beauty and utility for use by the American homemaker.

Schedule: Mon. & Wed.; 6:00-8:00 p.m.; Dec. 6 - Feb. 28  
Location: 222 Madison Hall  
Fee: \$87, plus textbook

Basic information on human nutrition value of food, and the relationship of food and food habits to nutrition of the young child; fundamental description of diseases and disorders of children, preventive medicine, emergency treatment, and care of handicapped children.

**PRESCHOOL CENTERS & PROGRAMS**  
(CD-301-3 sem. hrs.; CDN-301-4 c.e.u.)

Instructor: Joseph R. Tremut; M.Ed.; Mental Retardation Services, Marshall-Jackson Counties  
Schedule: Tues. & Thurs.; 6:00-8:00 p.m.; Dec. 7 - Feb. 24  
Location: 222 Madison Hall  
Fee: \$87  
Detailed study of preschool programs and centers. History and philosophy of preschool programs, legislation, standards, and program planning; practical aspects of financing, administration, supervision, management, and evaluation.

**MEDICAL ETHICS: HUNTSVILLE VANDERBILT STUDY FORUM**  
(HUM-492-2 sem. hrs.)

Instructor: Howard L. Harrod; Ph.D.; Professor of Social Ethics, Vanderbilt University  
Schedule: Tues.; 7:00-9:00 p.m.; Jan. 18 - Apr. 19  
Location: Westside Neighborhood Center  
Fee: \$59  
An overview of problems in the medical field, discussion will include such controversial issues as abortion; genetic medicine; human experimentation; and issues of death and dying such as euthanasia and elective death.

**INTRODUCTION TO INTERIOR DECORATION**  
(ID-102-3 sem. hrs.; IDN-102-4 c.e.u.)

Instructors: Section A - LaMerle Mikell; B.S.; Consulting Interior Decorator  
Section B - Lynn DeYoung; B.S.; Consulting Interior Designer  
Schedule: Section A - Tues. & Thurs.; 9:00-11:00 a.m.; Dec. 7 - Feb. 24  
Section B - Sat. 8:30 a.m. - 12:30 p.m.; Dec. 4 - Feb. 26  
Location: 309 Madison Hall  
Fee: \$87, plus textbook  
Introduction to the principles and practices of interior decoration: space planning, color theory; materials, design of interior elements. Prerequisite: ID-101 or equivalent.

**INTRODUCTORY ARCHITECTURAL PLANNING**  
(ID-201-3 sem. hrs.; IDN-201-4 c.e.u.)

Instructor: Joe F. Milberger; B.Arch.; A.I.A.; Milberger, Rutland and Associates  
Schedule: Mon. & Wed.; 6:00-8:00 p.m.; Dec. 6 - Feb. 28  
Location: 309 Madison Hall  
Fee: \$87, plus textbook  
Survey of architectural planning and drawing, primarily as these topics relate to interior decoration, including basic drawing and sketching, construction materials, and preparation of architectural drawings. Prerequisite: Courses in Interior Decoration or studio art.

**PERIOD STYLES**  
(ID-309-3 sem. hrs.; IDN-309-4 c.e.u.)

Instructor: Ralph M. Hudson; Ed.D.; Professor of Art History, UAH (Retired)  
Schedule: Tues. & Thurs.; 6:00-8:00 p.m.; Dec. 7 - Feb. 24  
Location: 104 Morton Hall  
Fee: \$87, plus textbook  
An illustrated survey of the historical development of period styles, European and American, including a discussion of contemporary trends. Primarily for students in interior decoration program.

**INTRODUCTION TO CRIMINALISTICS**  
(LE-203-3 sem. hrs.; LEN-203-4 c.e.u.)

Instructor: Brent A. Wheeler; M.A.; Alabama Department of Toxicology & Criminal Investigation  
Schedule: Tues. & Thurs.; 6:00-8:00 p.m.; Dec. 6 - Feb. 28  
Location: 223 Madison Hall  
Fee: \$87, plus textbook  
Introductory survey of the scientific approach to criminal investigation. This course is intended to develop an appreciation on the part of law enforcement officers and students of the potentialities of the scientific crime detection. Prerequisite: LE-101 or experience

**CRIMINAL LAW**  
(LE-303-3 sem. hrs.; LEN-303-4 c.e.u.)

Instructor: John F. Faraci; J.D.; Judge Advocate Staff, U.S. Army Missile Command  
Schedule: Mon. & Wed.; 6:00-8:00 p.m.; Dec. 6 - Feb. 28  
Location: 223 Madison Hall  
Fee: \$87, plus textbook  
A study of substantive criminal law designed to provide a basic understanding of the complex nature of criminal law. Prerequisite: LE-101 or experience or upper-division standing.

their advantages and limitations.

**ACCOUNTING FOR SMALL BUSINESS**  
(CE-S42-2 c.e.u.)

Instructor: Russell C. Chunn; B.S.B.A., C.P.A., C.M.A.; Department of Business Administration, UAH  
Schedule: Mon.; 6:00-8:00 p.m.; Dec. 6 - Feb. 14  
Location: 108 Madison Hall  
Fee: \$53, plus textbook  
A course in fundamentals of the accounting process designed for the needs of owner-managers and prospective owner-managers of small companies. Attention is given to payrolls, accounting information and reports, and profit planning.

**GROUP DYNAMICS FOR MANAGERS**  
(CE-S60-4 c.e.u.)

Instructor: John H. Black; M.A.; Army Materiel Readiness Command  
Schedule: Short-term course: Feb. 7 - 18; Monday - Friday; 12:30 - 4:30 p.m. Reservations by Jan. 31.  
Location: 110 Madison Hall  
Fee: \$150, materials included  
A course in the fundamentals of group process and the dynamics at work in an organization. Study and discussion will increase the awareness of the manager or potential manager to mechanisms of human group interaction, a useful tool to increase organizational effectiveness.

**DECISION ACCOUNTING**  
(MN-507-3 sem. hrs.; MNN-507-4 c.e.u.)

Instructor: Russell C. Chunn; B.S.B.A., C.P.A., C.M.A.; Department of Business Administration, UAH  
Schedule: Sat.; 8:30 a.m. - 12:30 p.m.; Dec. 4 - Feb. 19  
Location: 235 Madison Hall  
Fee: \$153, plus textbook  
Study of the uses and applications of financial data in the solution of problems faced by administrators, such as product costing, profit planning, and cost systems. Prerequisite: upper-division or post-graduate standing.

**CONTRACT MANAGEMENT**  
(MN-522-3 sem. hrs.; MNN-522-4 c.e.u.)

Instructors: Eugene R. Andrzejewski; M.B.A.; Teledyne, Brown Engineering  
Phillip H. Taylor; D.P.A.; NASA Marshall Space Flight Center  
Schedule: Short-term course: Dec. 6 - 17; Monday - Friday; 12:30 - 4:30 p.m. Reservations by Nov. 29.  
Location: 223 Madison Hall  
Fee: \$250, textbook included  
Study of the general principles of government procurement, the R&D procurement process, legal obligations in R&D contracting, and managing performance. Prerequisite: upper-division or post-graduate standing.

**COST MODELING AND ESTIMATING**  
(MN-524-3 sem. hrs.; MNN-524-4 c.e.u.)

Instructors: Richard M. Wyskida; Ph.D.; School of Science & Engineering, UAH  
Patrick B. Lawler; M.S. Engr.; U.S. Army Missile Command  
Schedule: Short-term course: Jan. 10 - 21; Monday - Friday; 8:30 a.m. - 12:30 p.m. Reservations by Jan. 3.  
Location: 235 Madison Hall  
Fee: \$250, textbook included  
Introduction to the theory and application of costing techniques in management and engineering. This course is intended to provide individuals with both the fundamental approach and tools for cost evaluation. Prerequisite: upper-division, post-graduate standing.

**FUNDAMENTALS OF CONTRACT ADMINISTRATION**  
(MN-541-3 sem. hrs.; MNN-541-4 c.e.u.)

Instructor: Jeanne D. Scales; L.L.B.; U.S. Army Missile Command  
Schedule: Mon. & Wed.; 6:00-8:00 p.m.; Dec. 6 - Feb. 28  
Location: To be announced  
Fee: \$153, plus textbook  
Intensive survey of the principles and practices involved in the administration of contracts by and from federal agencies. Prerequisite: upper-division or post-graduate standing, or extensive experience.

**INDUSTRIAL LABOR RELATIONS**  
(MN-583-3 sem. hrs.; MNN-583-4 c.e.u.)

Instructor: Steven V. Rohr; M.S. (Candidate); U.S. Army Missile Command  
Schedule: Tues. & Thurs.; 6:00-8:00 p.m.; Dec. 7 - Feb. 24  
Location: 235 Madison Hall  
Fee: \$153, plus textbook  
Detailed study of labor laws, management-labor problems, organization and structure of labor unions, collective bargaining procedures and techniques, and union-management contracts. Prerequisite: upper-division or post-graduate standing.

Engineering or Value Management and their application to design and construction. Prerequisite: Background in architecture, engineering design or construction.

**SOFTWARE SYSTEMS**  
(CE-T63-4 c.e.u.)

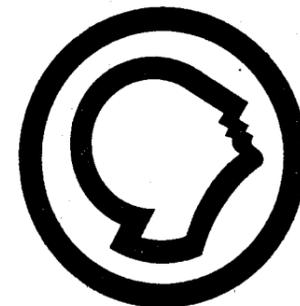
Instructors: Pei Hsia; Ph. D.; School of Science & Engineering, UAH  
Bobby C. Hodges; M.S.E.; School of Science & Engineering, UAH  
Schedule: Tues. & Thurs.; 6:00-8:00 p.m.; Dec. 7 - Feb. 22  
Location: 328 Madison Hall  
Fee: \$87, plus textbook  
This course will introduce the concepts of assemblers, compilers, and operative systems. Partial segments of these systems will be studied in detail to provide students with in-depth knowledge of software systems. Prerequisite: Assembly language programming experience.

**FOUNDATIONS OF MODERN TECHNOLOGY II PROFESSIONAL ENGINEERING REVIEW II**  
(MT-502-3 sem. hrs.; CE-T02-4 c.e.u.)

Instructor: Wilhelm K. Kubitz; School of Science & Engineering, UAH  
Schedule: Mon. & Wed.; 6:00-8:00 p.m.; Dec. 6 - Feb. 28  
Location: 235 Madison Hall  
Fee: \$153, plus textbook  
Continuation of MT-501/CE-T01. General examination of the mathematical and physical foundations of modern technology. Prerequisite: Bachelor's degree (or equivalent) in engineering or related area.

**INFRARED TECHNOLOGY: CONCEPTS AND APPLICATIONS**  
(MT-512-3 sem. hrs.; MTN-512-4 c.e.u.)

Instructor: Joseph L. Randall; Ph.D.; NASA Marshall Space Flight Center  
Schedule: Tues. & Thurs.; 6:00-8:00 p.m.; Dec. 7 - Feb. 24  
Location: 110 Madison Hall  
Fee: \$153, plus textbook  
An intensive survey of the generation, transmission, and detection of infrared radiation. Prerequisite: Bachelor's degree (or equivalent) in engineering or related area.



# The University Of Alabama In Huntsville

**THE UNIVERSITY OF ALABAMA IN HUNTSVILLE**

Division of Continuous Education  
P.O. Box 1247, Huntsville, Alabama 35807

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Home Address \_\_\_\_\_ (street/box) \_\_\_\_\_ (city) \_\_\_\_\_ (state) \_\_\_\_\_ (zip) Home Phone \_\_\_\_\_

Employment \_\_\_\_\_ (position) \_\_\_\_\_ (organization) Office Phone \_\_\_\_\_

Course Number \_\_\_\_\_ Course Title \_\_\_\_\_ Dates/Term \_\_\_\_\_

FEE: In the amount of \$ \_\_\_\_\_  Check  Cash



**Personal Foul**

**Illegal Procedure**

**Ineligible Receiver**

**Score!**

# Faces Of An Official

"In my heart I've never made a bad call" is a quote often made about football referees and baseball umpires.

Officials are probably the least appreciated people in the world of sports...but the fact is that when most officials' calls are reviewed they are usually right.

Bob Kource, an engineering technician at the Guidance and Control Directorate, is one of those officials that will tell you that he sincerely doesn't believe he's ever blown it (made a bad call)

Kource has been a field judge for the North Alabama Football Officials Association for 8 years.

"I used to coach YMCA youth football at the Northwest Huntsville Y. Like most coaches I was upset at the officials so I decided to get into it myself. That's when I found out that it was the coaches not the officials. Most of my complaints as a coach were from ignorance." Kource said.

Kource was recommended to the North Alabama officials

organization by fellow worker Bob Forgey. To be an official you have to be recommended by a member and voted on by the Board of Directors. Then you have to attend all of the meetings to learn the various organizational football rules. An official from the Alabama High School Athletic Association comes to give a clinic and a test.

After an official passes the test, the association schedules games for him to call. Officials usually start out with YMCA or junior high games then advance to high school games after a few years. Kource called about 20 youth games his first year before being assigned to his first high school game. "I was quite nervous. I guess I was afraid I'd blow one...make a bad call. But I didn't and everything went smooth. The first season of officiating was relatively quiet."

Kource has noticed a change in youth football games over the years. He's found that the coaches and the crowds are getting more

boisterous. He attributes this to the pressure put on by the parents for the kids to win. He has also found out that the crowds and coaches don't always know the rules.

"I'd like to see more coaches take advantage of the educational clinics we conduct. Usually the high school coaches know the rules but that's not true in the younger age groups. When I gave a clinic only 80 percent of the coaches came and the clinic was too short.

If a coach doesn't know the rules he's more apt to get incensed over a call. If the kids see the coaches getting upset they will begin to think that everyone in authority is doing them wrong."

"It doesn't really bother me for the coaches to be loud and boisterous as long as they don't use profanity — but I wish they would think more about teaching kids fair play and sportsmanship. They should put less emphasis on winning and concentrate on teaching fundamentals.

"Sometimes the coaches think

that we're favoring one team but in the lower leagues the only thing I usually know about the team is the color of their jerseys."

Kource has only been threatened once by a fan. He's found that as a rule most coaches that get upset on the field can be calm and friendly off the field.

"I like football and I like kids or I wouldn't be officiating. Some of the younger guys don't want to put up with it. It's not cause I like to watch the game because I can't see the whole game only parts of it.

"I only call what I see and I try to make every call I see...that's the only way to be consistent and fair.

Kource usually is the field judge for high school games. That's the officials that stands on the press box side of the field and gives the ball to the kicker as well as follow pass plays and punts.

Kource plans to stay in officiating until he gets too old to call games. "I'll know that when it becomes a chore rather than enjoyment," Kource said.

## Hughes Presents Helicopter Model

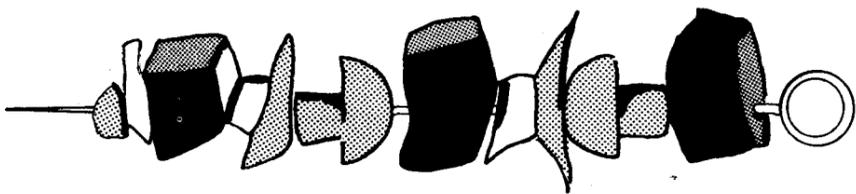
Hughes Aircraft's candidate for the Army Advanced Attack Helicopter will be described at the next meeting of the local chapter of the Army Aviation Assn.

One of a continuing series of programs on major aircraft development programs, the

briefing will be offered at the Aviation Assn. luncheon Nov. 30 in the Officers Club.

There will be a buffet at 11:45 a.m. and the program begins at 12:10 p.m. concluding not later than 12:50 p.m. Those who plan to attend should confirm by Nov. 29 by calling 6-3630 or 6-1201.

# Shish-k-bob..\$3.39

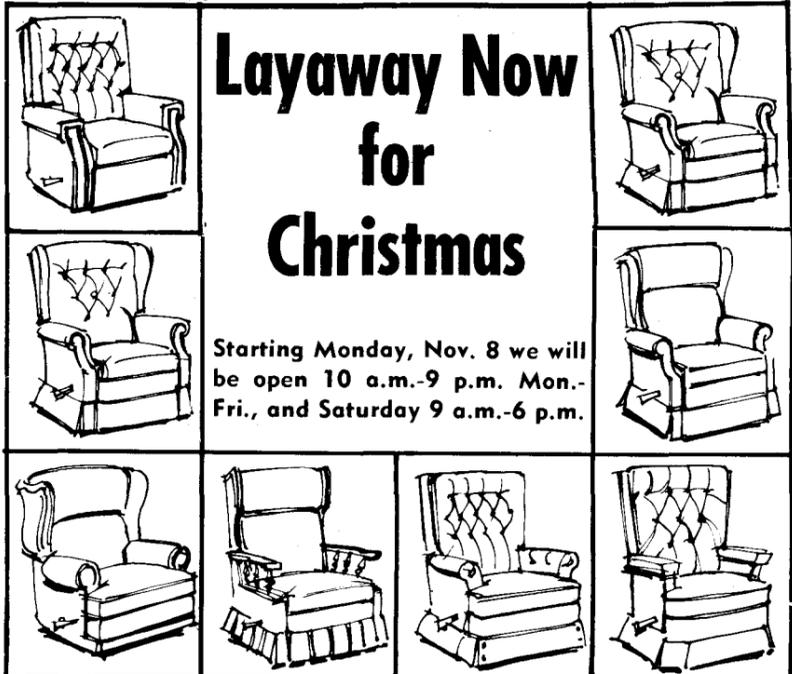


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Choice cut of sirloin with onion and peppers, mushrooms on wooden skewer. Baked potato or fries.

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Christmas**

Starting Monday, Nov. 8 we will be open 10 a.m.-9 p.m. Mon.-Fri., and Saturday 9 a.m.-6 p.m.

La-Z-Boy Chairs starting as low as \$159.00

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# BARGAINS GALORE at your DoD STORE



What-a-ya give me for this helicopter, railroad tank car, calculator, ice-making machine? Do I hear 12? Do I hear 12,000? Sold to Americans!

Growing numbers of American bargain hunters are turning to the Defense Department for everything from false teeth to floating dry docks. The items are surplus and are sold by the Defense Supply Agency (DSA), which last year returned more than \$135 million to the public coffers.

### Choicest Go Quickest

Most of the choice items are snapped up by other Government or State agencies before the public ever gets a shot at them. For instance, the Department of Health, Education and Welfare regularly screens DSA property lists looking for equipment such as tents or cots to pass on to approved recipients like schools or

youth groups.

"Still, good bargains exist," says Richard G. Burner, one of DSA's executive directors. "Even when participating in a sealed mail bid offer, the secret is first to inspect the property offered for sale."

DSA's auction business never has been better. In the bite-the-bullet inflationary economy of the last few years, the Defense Department's auctions have soared in popularity. A sale of machine tools in Terre Haute, Indiana, last year drew 1,000 people from all over the world and netted \$6.5 million from 400 success-

ful buyers.

To keep pace with the demand, two full-time auctioneers are constantly on the go. Besides the usual typewriters, calculators, furniture, and filing cabinets, they sometimes put luxury items on the block. A fancy sports car recently sold for \$1,700 at Ft. Belvoir near Washington, D.C. It had been used by the Army Criminal Investigation Division for detective work.

Additional information on DSA's auctions and the bids procedure can be obtained by writing: DoD Surplus Sales, P.O. Box 1370, Battle Creek, Michigan 49016.

## ★ SALE-ABRICATION ★ SYLVANIA TV'S



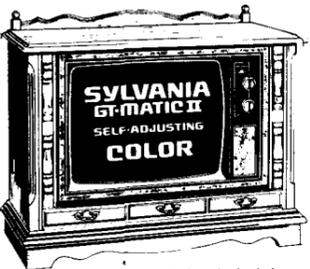
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**25" Diagonal Early American**  
Console GT-Matic II Model CL 5244N Reg. \$699.95 **Sale \$599<sup>95</sup>**



Model No. 5160

**25" Diagonal Mediterranean**  
Console, Slate-Top, GT-Matic Model CL 5246 DA Reg. \$699.95 **\$629<sup>95</sup>**



Model No. CL 5244N

**19" Diagonal Portable**  
Model 5160 Reg. \$439.95 **\$399<sup>95</sup>**

**19" Diagonal Portable GT-MATIC**  
Self-Adjusting Color, Model 5164 Reg. \$489.95 **\$429<sup>95</sup>**

**13" Diagonal Portable GT-MATIC**  
Self-Adjusting Color, Model 5115 Reg. \$339.95 **\$299<sup>95</sup>**

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## Riders Wanted

Have room for one or two riders from the Mastin Lake Rd.-Pulaski Pike area in northwest Huntsville. Arrive at Building 5250 via Research Park and Rideout Rd. approximately 7:45. Call Kelly 876-4119 (work) or 852-3467 (home).

## ANTIQUE Auction sale

Fayetteville, Tenn.

Antique Collection Of Mrs. Jack Goodrich

Saturday — Nov. 13, 1976 — 10:00 A.M.

Location: National Guard Armory, West Washington St., Fayetteville, Tenn.

Among The Items To Be Sold Are The Following:

WALNUT SECRETARY (SOLID DOOR)  
WALNUT PIE SAFE (GLASS DOOR)  
MARBLE TOP DINING ROOM SERVER  
WALNUT & OAK ANTIQUE ORGANS  
SPINNING WHEELS  
SOLID CHERRY DESK  
WALNUT BLANKET CHESTS  
FAINTING COUCH  
MARBLE TOP WASH STAND  
CHERRY CHEST OF DRAWERS  
WALNUT PLANTATION DESK  
WALNUT CORNER CABINET (SOLID DOOR)  
ANTIQUE CLOCKS  
LOVE SEATS  
HALL TREE WITH MARBLE INSET  
ANTIQUE HIGH CHAIRS  
WALNUT DESK  
BARREL CHURN  
CRADLE CHURN  
OAK SPOOL CHEST WITH GLASS FRONT DRAWERS  
CHERRY SIDEBOARD  
LARGE ROUND OAK CLAWFOOT TABLE AND 4 CHAIRS  
CHERRY MANTLE WITH BEVEL EDGE MIRROR  
VICTORIAN SOFA & MATCHING CHAIRS  
ANTIQUE ROCKING CHAIRS  
CARVED LOVE SEATS WITH MATCHING CHAIRS  
4 WALNUT DINING ROOM CHAIRS  
ROUND PIANO AND ORGAN STOOLS AND CHAIRS  
THREAD WINDER  
CHAMBER POT  
BRASS CANDLE AND END STANDS  
ORGAN LAMPS  
ANTIQUE COFFEE GRINDER  
ANTIQUE SCALES  
CARVED WALNUT CHAIRS  
MARBLE TOP COFFEE TABLE  
MARBLE TOP END TABLE  
ANTIQUE WALNUT GAME TABLE  
ANTIQUE BOWL AND PITCHER SETS  
OLD TRUNKS  
ANTIQUE GUNS  
WOODEN DOUGH TRAYS  
SMALL OAK WARDROBE  
WALNUT WARDROBE  
MARBLE TOP WALNUT CHEST  
ANTIQUE TELEPHONES  
WALNUT WHAT NOT  
ANTIQUE ICE BOX  
WICKER PORCH FURNITURE  
IRON WASH POTS  
PICTURES  
ANTIQUE WHEEL CHAIRS  
LAMPS  
MILK CANS  
MISCELLANEOUS GLASSWARE  
ROUND OAK END TABLE  
OAK DINING ROOM CHINA CABINET (ROUND GLASS)  
PIE SAFE (METAL DOOR)  
MANY OTHER ITEMS TOO NUMEROUS TO MENTION.

You are invited to inspect this collection on Friday, Nov. 12th, from 3 - 5 P.M. at the National Guard Armory, Fayetteville, Tenn.

Sale To Be Conducted By:

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**Suggestion Awards**

Helen V. Reed  
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SGM Estle V. Cannon  
MMCS  
Certificate

Katherine P. Dunn  
VAAP  
Certificate

Clarence R. Tucker  
USACC Agency  
Certificate

Janet S. Seale  
Comptroller  
\$325.00

Ezekiel Longoria  
MRDEL  
Certificate

Donald W. Sandidge  
MRDEL  
\$207.50

Richard R. Henthorne  
MRDEL  
Certificate

Donald F. Pettigrew  
Materiel Mgmt.  
\$50.00

Glenn H. Sanders  
Maintenance  
\$100.00

Curtis L. James  
Maintenance  
\$755.00

Hans G. Thies  
Maintenance  
\$755.00

James D. Lovell  
Maintenance  
\$200.00

Willis M. Roberts  
Maintenance  
\$25.00

Ronald L. Walton  
RASA  
\$30.00

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Billy R. Kerley  
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Maintenance  
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YOUR PRESENT CAR NEED NOT BE PAID FOR  
YOUR TRADE-IN IS WORTH MORE AT**

**LEE-BENTLEY**

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**1972 Charger SE**

2 door, automatic, air conditioned, power steering, radio.

**\$1895**



**1975 Chevrolet El Camino**

Pick up, air conditioned, automatic, power steering, power brakes, bucket seats, shift in floor.

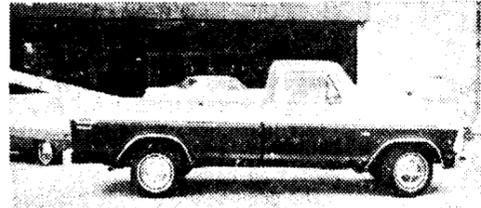
**\$4095**



**1973 Pinto Squire Wagon**

Automatic transmission, air conditioned, radio, whitewall tires, luggage rack. V-1229C.

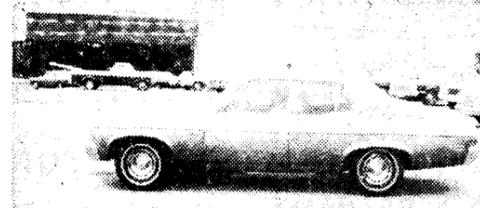
**\$1895**



**1976 Ford 1/2 Ton Pick Up Ranger**

Two tone green, air conditioned, power steering, power brakes, radio, automatic transmission, 11,000 actual miles. T-901A.

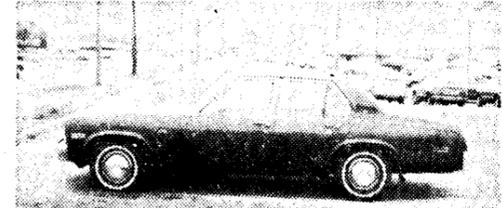
**\$4995**



**1975 Chevrolet Nova**

4 door sedan, power steering, power brakes, automatic, radio.

**\$1995**



**1975 Chevy Nova**

4 door, 16,000 miles, automatic transmission, power brakes, 6 cylinder, air conditioned. T-1026A.

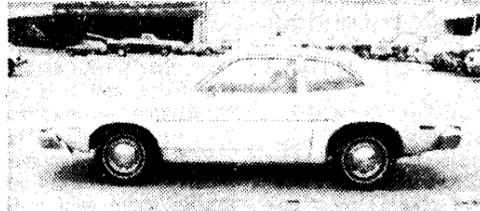
**\$3395**



**1974 Honda Civic**

4 speed, blue, air conditioned, radio, Hatchback. C-566A.

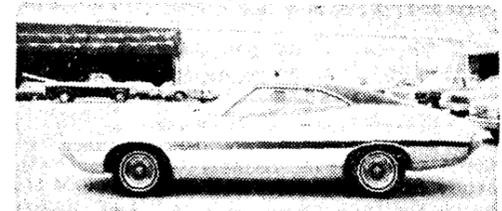
**\$1995**



**1974 Pinto Hatchback**

Automatic transmission, power steering, air conditioned, radio, blue, low mileage. Extra sharp. V-1249.

**\$2395**



**1972 Ford Torino**

Grand sport, 2 door hardtop, air conditioned, power steering, power brakes, radio. St. No. A-104A.

**\$1995**



**1976 Cordoba**

2 door hardtop vinyl roof. Automatic transmission, power steering, power brakes, air conditioned. Brown, whitewall tires, AM-FM, 2,500 actual miles, console. Extra sharp. C-5024A.

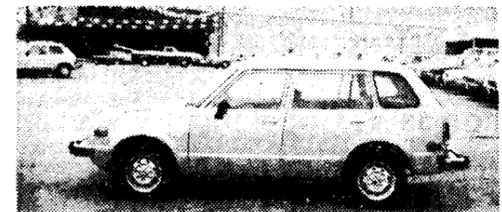
**\$6195**



**1974 Honda Civic**

4 speed, blue, air conditioned, radio, Hatchback. C-566A.

**\$1995**



**1976 Honda**

Station Wagon, 4 speed, low mileage.

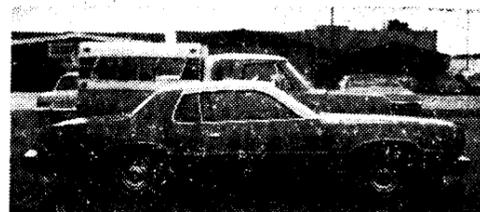
**\$3395**



**1976 Dodge Club Cab**

Camper, straight shift, V-8, AM/FM, 11,000 miles, sharp.

**\$4295**



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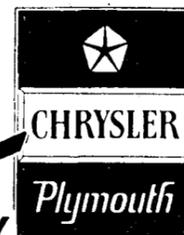
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# Promotion Is There For Those Who Work

WASHINGTON (ARNEWS) — Enlisted promotions in the Army are determined through three basic systems, at three different levels. Each system has different rules and requirements and if a soldier expects to rise in the system and be promoted on time, then a good understanding of the promotion ground rules is necessary.

The first two promotions a soldier makes are mostly automatic, but they're not so automatic that the promotion comes even if a soldier screws up. If the soldier has a good record then the promotion will usually come on the expected date.

It's in the higher grades that the competition takes over and the truly outstanding soldier has to be identified from the rest.

### E-2 thru E-4

Promotions to grades E-2 through E-4 are decentralized. That means the commanding officer makes the decision based on the soldier's performance and

recommendations from his supervisor and first sergeant.

Promotion to E-2 and E-3 normally occurs when the soldier successfully completes the minimum specified time in service (TIS) requirement for that grade. The TIS requirement for E-2 is 6 months for E-3 it is 12 months. Early promotion may be made to E-3 prior to 12 months TIS if the soldier is truly outstanding and has at least 2 months time in grade (TIG).

Promotion to E-4 is accomplished in a similar manner but it is normally more competitive with more emphasis on identification of outstanding soldiers worthy of early promotion. The normal TIS requirement for E-4 is 24 months but early promotions could come for up to 25 percent of those soldiers eligible provided they have 15 months TIS with at least 3 months TIG as an E-3.

### E-5 and E-6

Promotions to grades E-5 and E-6 are made under a semi-

centralized promotion system. Eligible E-4s and E-5s, if recommended by their unit commander, are considered for promotion by a monthly, local promotion selection board. If selected for promotion, the soldier's name is placed on a local promotion recommended list according to his promotion point score attained on the standard 1000 point promotion worksheet.

The scores of all soldiers on the recommended list are reported to DA by their three-digit MOS (i.e., 11B). DA, depending on the number of promotions needed in each MOS, determines the minimum promotion cutoff score for each MOS.

The cut-off scores are determined and announced monthly by grade for each MOS. Those soldiers with a promotion point equal or higher than the cut-off score get promoted if they are still eligible. This means that the promotions go to those soldiers with the highest scores in their MOS on an Army-wide basis.

### E-7 thru E-9

Selections for promotions to E-7, E-8 and E-9 are made by annual centralized selection boards conducted by HQDA. Eligible soldiers compete by career management fields (CMF) using the "whole person" concept. Each soldier's entire record is considered and no one criterion is considered overriding for either selection or nonselection.

These Army enlisted promotion systems are designed to promote the fully qualified soldier at the lower grades, the best qualified soldier by MOS at the mid-level and the best qualified "whole person" at the senior NCO levels.

They are designed to reward the top performer and offer incentive to progress up through the system. The promotions go to those soldiers who are willing to work and who understand the system.

The Army provides the opportunity but the soldier has to do the work.

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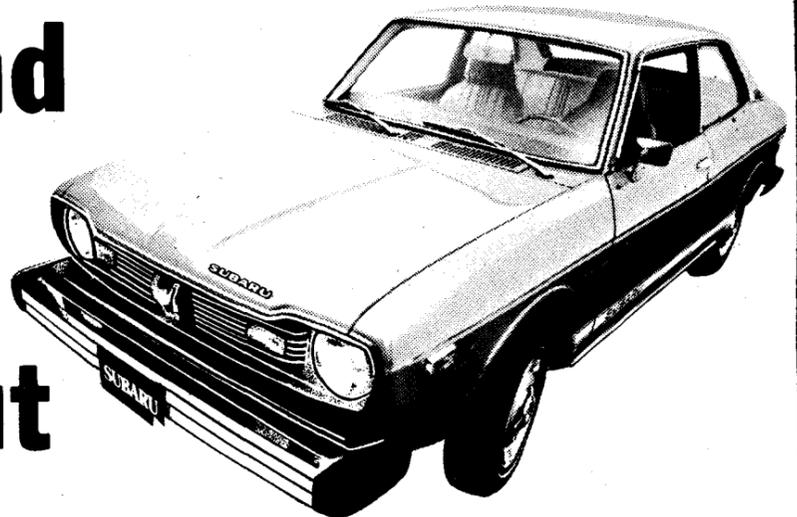
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# O'Connell Confident In First Command Job

By Jeannie West

She sits behind a large mahogany desk that seems to overpower her tiny frame. She apologizes for having to finish her lunch during an interview, saying she has been too busy to eat before now. Capt. Phyllis O'Connell, commanding officer of the 4th Student Company at the Missile and Munitions Center and School, is Redstone Arsenal's first female company commander. Before her assignment with the 4th, she was the 7th Student Company executive officer.

She came into the Army two years ago as a first lieutenant with a direct commission awarded on the basis of her civilian education and experience. She graduated from

Florida Atlantic University, Boca Raton, Fla. She talks here about her job, about being married to a civilian husband, and about her role as a woman and officer.

**How does it feel to be the Commander of an all-male (Minus one) unit?**

"Even though this is the first time that I have been a commanding officer, I have been an executive officer over at the 7th Student Company, where there were both men and women. I really don't think that the problems are that different. It is all day-to-day routine."

**Do you feel you are as equipped to handle their problems as a male commander?**

"Yes, I can handle problems.

Women have more minor medical problems than men. We have a lot of married personnel in this company, and I feel at ease handling those situations because the problems involve both husband and wife—such as financial problems, medical, and children. A married man is used to dealing with women."

**Would you have preferred to take over a permanent party unit first?**

"I preferred an AIT (Advanced Individual Training) unit. I think I can get more command experience with AIT. At a future time I would consider commanding permanent party."

**What effect does your military career have on your marriage to a civilian?**

"We have a few problems. One is that his dependent I.D. card in some instances has not been recognized at medical facilities or the Exchange. They always tell him that he has the wrong card, to go back and get another one. There is difficulty, when I am traveling TDY or when I'm in a training status, for him to secure a good job. I think that a civilian husband has to have a great sense of humor to cope with the teasing he receives from male officers. He spent 10 years in the Air Force and pretty well knows what's going on. He understands the long hours and has been very helpful. If he gets home from work before I do, he doesn't flinch at the idea

of starting dinner before I get there. But let there be no mistake, he wears the pants in the family.

"He likes the prospect of meeting new people and traveling. Except for the traveling end of it, I really don't view my job as any different from

a civilian job. If you are conscientious about your work, you will do a professional job, no matter what that job entails."

**How do you view the changing role of women in the Army?**

"The changing role—well, I'm glad to see equal pay for equal work. However, there are some jobs in the Army that should be considered on an individual basis because of physical requirements. I think the time is coming where men will stop putting women on a pedestal. As far as combat arms go, I signed the contract and I made the decision. However, there is nothing that says men alone should lay down their lives for our country. Women should be able to also. I think women should be given more opportunity to work in more non-traditional jobs, such as commanding a company, procurement, law, maintenance, computer repairs, ordnance disposal, and nuclear weapons.

"I think the WAC image is changing. When I am out of uniform and tell people what I do, they are really astounded. They seem to cling to the idea that women in the Army are some kind of monsters.



**O'CONNELL:** Commander's all male (minus one) unit.

"I want people to know that I'm a woman with womanly interests. I like to cook, and I'm interested in genealogy, history, Japanese art, sewing, and quilting. I think that male officers' wives should accept each female officer as an individual. I was asked to join the Officers' Wives Club, and I really think that this is a fantastic gesture. I'm going to join.

"One thing that disturbs me about my Army training as a female officer is that I was not correctly prepared for my current role. I couldn't have done even a fair job of commanding a unit straight out of training. The biggest problems are drill and ceremony deficiencies—they just don't train women to be commanders.

"Sometimes, women in the Army are too defensive about their role. Most men are ready and willing to accept a woman in the Army if she gives them the

(Concluded next page)

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## First Command

(From preceding page)

chance. All my peers are men, I can say nothing but good about everyone. The other men have been very encouraging, have bent over backward to make sure that I didn't fall on my face. I had never led a parade and didn't know the first thing about it. I couldn't have done it without their help."

### Should American military women be involved in combat arms?

"I doubt I will see women admitted to combat arms in my lifetime, even on a voluntary basis. I think the view of the American male still entrenches the woman in the home. I am sure it will take 50 or 100 years before it changes."

### Where would you like to see your career take you from here?

"I would like to be a project officer and I plan to make a career out of the Army. I'll probably stay in my 20. I was older than most when I came in, and always had good jobs. I think I knew what I was doing when I signed the dotted line. Coming into the Army is something that I had always thought of doing. I heard and read the material about equal opportunity in the Army. There is a great deal of discrimination in private business, so it sounded good to me. I felt I had something to offer the Army, and I'm glad that I'm in."

## Bird Puzzle

(From front page)

Redstone and Wheeler personnel began checking waterfowl habitat both on and off the arsenal and refuge and, to their great relief, no evidence was found of diseased birds.

The arsenal was searched for carcasses and all found were burned. A total of 12 birds were recovered, all on or near pavement. Several were found near the PX and south along Patton Road. Two were in the parking lot of the new chapel, one was near Missile Command headquarters and another near the Photo Lab. One was recovered alive but died in a few minutes.

Instances of coots crashing into pavement have occurred before but are rare, according to Atkeson. In some instances there was evidence the birds had passed through the turbulent air created by swiftly moving jet aircraft.

It is possible the birds were in migratory flight and landing in this area for the first time. In any case coots do not fly well and are regarded as stupid.

They fly slowly and clumsily and to land simply close their wings and crash into the water or when confused, onto pavement with lethal force.

Coots are not alone in being unable to distinguish peculiarly lighted pavement from water. Parachutists reportedly have jettisoned their chutes for a plunge into what they thought was water.

### Are you putting me on?



MMM . . GOOD — Capt. Phyllis O'Connell involved in her favorite pastimes—cooking. She's also interested in quilting, and collecting Japanese Art.

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# Benefits Change

(From front page)

January through June and July through December. . . March 1, 1977 adjustment will reflect the CPI from January through December this year with subsequent adjustments on a six-months basis.

**SURVIVOR BENEFITS:** Some Survivor Benefit Plan inequities corrected in 1976 legislation that eliminates irrevocable contribution after death or divorce of spouse; reduces waiting period before new spouse can be covered from two years to one year; increases minimum benefit for widows from \$1,400 to \$2,100; allows sponsors to elect children as beneficiaries even though spouse is still alive.

**DISABILITY PAY:** New provision of tax code tightens up tax exemption of disability retirement pay for those entering military service after 1975 unless the disability results from armed conflict, extra-hazardous service, simulated war conditions or an instrumentality of war. . . VA benefits continue tax exempt.

**SICK PAY EXCLUSION:** Current \$5,200 annual sick pay exclusion repealed because discriminatory to low and middle income taxpayers and is replaced by maximum \$100 per week exclusion for military and civilians under 65 retired on disability and unable to work . . . For most taxpayers maximum excludable amount will be reduced dollar-for-dollar of adjusted gross income over \$15,000 including disability income but not VA benefits . . . Transition is provided for current disability retirees.

**MOVING EXPENSES:** Services and members get tax relief on moving expenses . . . Services exempted from reporting to IRS the amount of "in-kind" expenses provided to member when moved . . . Members do not have to include corresponding amount in gross income and excluded from "39-week" and "50 mile(now 35-mile)" rules . . . Also exempts expenses of moving dependents and goods to and from designated place on unaccompanied and short tours.

**PAY CEILING:** Basic pay limited to Executive Level V rate of \$39,600 . . . Legislation permits raising of ceiling for military to

same overall average as that for federal civilians.

**STATE INCOME TAXES:** Legislation for withholding state income tax from monthly pay for payment to state of legal residence as determined by Soldiers and Sailors Civil Relief Act . . . Payment is on pay-as-you-go basis if state of legal residence requests withholding. . . Implementing mechanism being developed by states and Treasury and Defense Departments.

**G.I. BILL:** For those on active duty or delayed entry current benefits extended from 36 to 45 months, stipend increased eight per cent and procedures tightened to control abuses . . . Substitute plan for those entering on or after January 1 (except Delayed Entry Program) to contribute \$50-\$75 monthly up to \$2,700 limit which VA will match two-for-one. . . DoD may contribute additional amounts to encourage persons to remain in service.

**MOVE YOURSELF:** Persons may move own household goods and get an allowance that may be more than the move actually costs but less than it would cost the government by commercial carrier.

**CHAMPUS:** Major change prohibits use of CHAMPUS funds to pay claims for nonemergency inpatient hospital care if care is available at a service hospital in a 40-mile radius of patient's residence.

**TOUR EXTENSION:** More money appropriated for PCS moves . . . Involuntary extension being phased out, hopefully completely terminated in FY 77.

**COMMISSARIES:** Full FY 77 funding provided over measures to delete or phase it out . . . Management improvements and operational efficiencies to be made to reduce present subsidy level and provide more dollars for readiness.

**INCENTIVE PAY:** Variable Incentive Pay (VIP) of up to \$13500 extended for physicians until Sept. 30, 1977.

**HEALTH SCHOLARSHIPS:** Exemption of Health Professions Scholarship Program (HPSP) benefits from taxation provided through 1979 for those entering program in tax year 1976.

**TAX RELIEF:** Special tax treatment extended for certain MIAs and persons remaining hospitalized as a result of Vietnam conflict.



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**HEALTH BENEFIT (ARNEWS)** — Most Federal civilian employees enrolled in the Federal Employees Health Benefits Program will have to pay more for their health care coverage next year as a result of rate increases which are accompanied by some benefit reductions. However, one health plan, Indemnity Benefit Plan (Aetna), reduced its premium and added some benefits.

The new rate and benefit changes will become effective in January, following an open season set for November 15-30. This time period will give eligible employees an opportunity to enroll, change their plan or change options.

The Civil Service Commission (CSC), anticipating a need for premium increases, instructed the various health care plan carriers to hold their benefit changes to a minimum. As a result, there will be no major benefit increases or reductions in coverage next year. Premiums for most plans will be from 5 to 20 percent higher next year.

Some of the rate changes of the more popular plans are listed below. These bi-weekly premium rates will go into effect in January. They cover about 75 percent of all government employees.

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Low option—individual	4.08	4.89	1.22 ( .20 more)
Low option—family	11.81	14.18	3.54 ( .59 more)
<b>AETNA LIFE INSURANCE CO.</b>			
High option—individual	\$16.13	\$16.13	\$ 6.18 (\$ .53 less)
High option —family	38.46	36.54	11.95 ( 3.38 less)
Low option—individual	8.58	8.24	2.06 ( .08 less)
Low option—family	21.25	20.39	5.10 ( .21 less)

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# Hiring Preference For Soldiers Ends January 1

WASHINGTON (ARNEWS) — The Federal Government hiring preferences for separating soldiers will end for soldiers entering the Army Jan. 1, 1977 or after.

Now soldiers who have served more than 180 days in the military receive an extra five points added to their civil service scores giving them an advantage when being considered for Federal Employment. The new bill does not change the 10 point preference accorded to disabled veterans.

The bill also does not change the preference accorded to soldiers who are now on active duty or those who enter before December 31, 1976. They will continue to receive the additional five preference points following separation. Presumably the change does not effect the retention preference accorded to veterans after hiring. Veterans receive preference over non-veterans during reductions-in-force.

The bill signed by the President also terminates the current GI Bill for those entering service on or after Jan. 1, 1977 with the ex-

ception of those enlisted in the DEP and replaces it with a contributory education system entitled the Post Vietnam Veterans' Educational Assistance Act in which the soldier pays into the fund and VA matches his payments two for one. If the soldier pays \$50 into the fund the VA contributes \$100 making the total \$150.

The bill sets December 31, 1976 as the termination for the current GI Bill and December 31, 1989 as the deadline for completion of use of benefits earned under the current GI Bill.

The number of months of educational benefits were extended from 36 to 45, in effect offering five full academic years of education.

The law also terminates the Predischarge Educational Program (PREP) effective November 1, 1976. No one now on active duty may enroll or reenroll in PREP. It is anticipated that a replacement program will be established allowing soldiers to complete high school.

A future PREP, funded by VA, will be available to soldiers

during those last six months who are participating in the Veterans Educational Assistance program.

A number of the provisions of the new GI Bill are aimed at tightening the controls of the current program which led to some abuses.

The revised law prohibits payments of educational assistance benefits to individuals for auditing courses (no grade) and courses for which the grade is not used in computing the requirements for graduation, including a course from which the student withdraws.

Also prohibited are programs of education by correspondence which are less than six months in length. Correspondence courses of more than 6 months are still permissible.

Correspondence courses were the subject of much scrutiny during Congressional hearings and several witnesses recommended that the correspondence training be discontinued because those programs tended to be hobby type courses not directly leading to a skill.

The final measure approved by

the House and Senate and signed by the President rejected those recommendations.

Flight training was also recommended for termination but the final bill approved it as a means of vocational training for veterans.

The new law also provides for a position in the Department of Labor responsible for veteran's affairs in the fields of employment and training. The position entitled Deputy Assistant Secretary of Labor for Veteran's Employment will function as the principle advisor to the Secretary of Labor on veteran's affairs.

The bill increases the amount of a student loan permitted from \$600 per school year to \$1,500. It stipulates that the interest on the loans will be comparable to the interest rate for Office of Education's guaranteed student loan program.

The new GI Bill contains a number of revisions to the current system of VA program management which deal with specific groups and certain types of education. Soldiers should consult with their education office for more specific details.

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**ON TOUR —** Maj. Warner Davis escorts officers' wives as they continue their tour of missile and electronics departments at the Missile and Munitions Center and School.

## Soldiers Awaiting Trial Are Not Forgotten

WASHINGTON (ARNEWS) — Soldiers awaiting trial under military jurisdiction are not being forgotten.

Under recent changes to the Military Magistrates Program, every soldier awaiting trial will receive a neutral and impartial review of the necessity of pretrial confinement. Under this change the review will take place automatically.

With the old program there was the question of the impartiality of the officers appointed as Military Magistrates.

The job of assigning these officers passed from the local level to the Army Judiciary in Washington, the first of this year. The move also eliminated the provision that the review was mandatory only at major confinement facilities.

## Tour Satisfies Wives' Curiosity

The chatter of womens' voices filled the entranceway of Toftoy Hall at the Missile and Munitions Center and School recently. Coffee and cookies were being served to about 60 U.S. and foreign officers' wives who were going on a tour of the departments where their husbands are attending classes.

"My husband is going to school at MMCS and I wanted to see what he's doing," said Birgitt Kinzel, whose husband Guenter, a lieutenant in the German Air Force, is attending the HAWK course. Her words reflected the prevailing mood of the wives—curiosity.

Members of the Officers' Wives Club, who

sponsored the tour, say such activities are organized periodically to familiarize wives with MMCS.

The day started with a welcome from the Commandant, Col. Edwin A. Rudd. After being shown the classrooms and some of the techniques used in teaching courses, the wives boarded buses which took them to see missile repair bays and workshops.

They watched missiles raised and lowered. They saw radar systems. They visited the Commandant's suite.

At day's end their feet were sore, but organizers hope that, in addition, some of their wifely curiosity was satisfied.

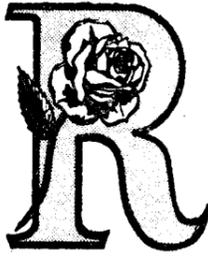
## Package Store Moves To New Location

The Consolidated Alcoholic Beverage Branch of the Installation Club System, known as the Package Stores, has moved to a new location. The two stores, formerly located in the Officers' Club and NCO Club, are now consolidated across from the PX Home and Sport Center (Rod and Rake) off Cajun Drive.

Hours of operation for the new facility are 10 a.m. to 7:30 p.m. Monday through Saturday.

The new store in building 3652 carries a wide variety of alcoholic beverages including beer, wine, and distilled spirits.

All authorized patrons are welcome regardless of club membership status.





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# Rogers talks "Army" at hearing; Will Continue Course of Weyand

In last week's Senate Armed Services Committee hearing on his confirmation as Chief of Staff of the Army, General Bernard W. Rogers made it known he will continue the course established after the Vietnam conflict by General Abrams and General Weyand. He said he looks forward "to building on what they have done--to continue down that same azimuth on which they have pointed us."

He went on to say he will continue efforts to improve the readiness of the Total Army, to produce as much combat power as possible and appropriate from a stable end strength of 789,000; to improve the quality of the force; procure the necessary equipment to reach required levels; ensure the Army has people-oriented leaders; improve the relationship between the Active and Reserve components

as the readiness of the Total Army improves; and make the most efficient use of resources made available to the Army by the Congress.

"Readiness is our major challenge," Gen. Rogers stated, and included under that broad heading he said are the needs to "fill the force with quality personnel in both Active and Reserve components, to procure equipment to raise inventories to required levels, and to ensure that 'early-deploying' and 'follow-on' forces are filled, equipped, properly trained, and continuously qualified for overseas movement."

When asked if he is "comfortable" with the volunteer force, General Rogers said that he is. "It has been a success to date," he said, "but it has not yet been institutionalized to the point where

we are retaining the strength of the reserves," he added.

In further testimony before the congressional leadership, Gen. Rogers emphasized the need for adequate recruiting resources. He added that today's soldiers "are the finest with whom I have ever served in 33 years of service."

When asked by the Committee about the chief hardware requirements, General Rogers responded that, among others, there is a need for a "better tank; a better means to move soldiers across the battlefield in a carrier that can keep up with tanks; the continued development of laser designated ammunition; improvement of anti-tank weapons; and correction of shortfalls in communications-electronics equipment."

General Rogers also discussed standardization within NATO. He

pointed out that the most likely areas of standardization are rations, fuel, ammunition, communications, and doctrine within NATO. He added that while he believes in standardization, he also believes in producing the best possible equipment for our soldiers. "If that can be brought about through standardization, then that is the course that we should follow," he said.

The Committee requested General Rogers' views on military pay and benefits, asking if they are comparable to those of civilian counterparts. In reply, General Rogers stated that, in his opinion, comparability is not the issue inasmuch as there are no jobs in civilian life comparable to many in the Army. The real issue, he believes, is "competitiveness" with the civilian sector. He said that the Army "must be able to attract and retain quality soldiers."

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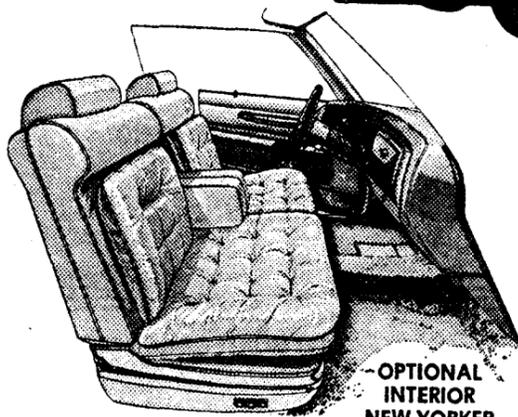
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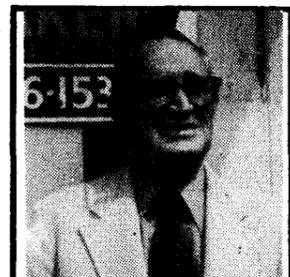
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# The Case of the "Killer Glitch"

## The Further Adventures of Frank Mayday, Detective.

It was 2:53 P.M. My partner took a call from a frantic engineer. Just minutes before something had knocked out his digital circuits.

3:07 we arrived on the scene. It was terrible. The one shots weren't firing, the counters had failed and tape covered the floor.

"What do ya' think, Mayday? Who did it?"

"Looks like the Killer Glitch!"

"No ...not the Killer Glitch...that's the third time this week!"

"I'll have to call in the DLA."

"Don't you mean the D.A.?"

"No, I mean the DLA...the Digital Logic Analyzer model 80-M from Digital Broadcast Systems."

By 3:55 the DLA was in place and working on the clues. With its spike detection, real time and memory operation it can "snap shot" eight channels of digital logic, store it in a 1K per channel memory and play it back on any scope or CRT. The 80-M made short work of the clues and found the answer.

"It's the Killer Glitch alright...looks like he's in the eight bit multiplexer."

"Thanks DLA."

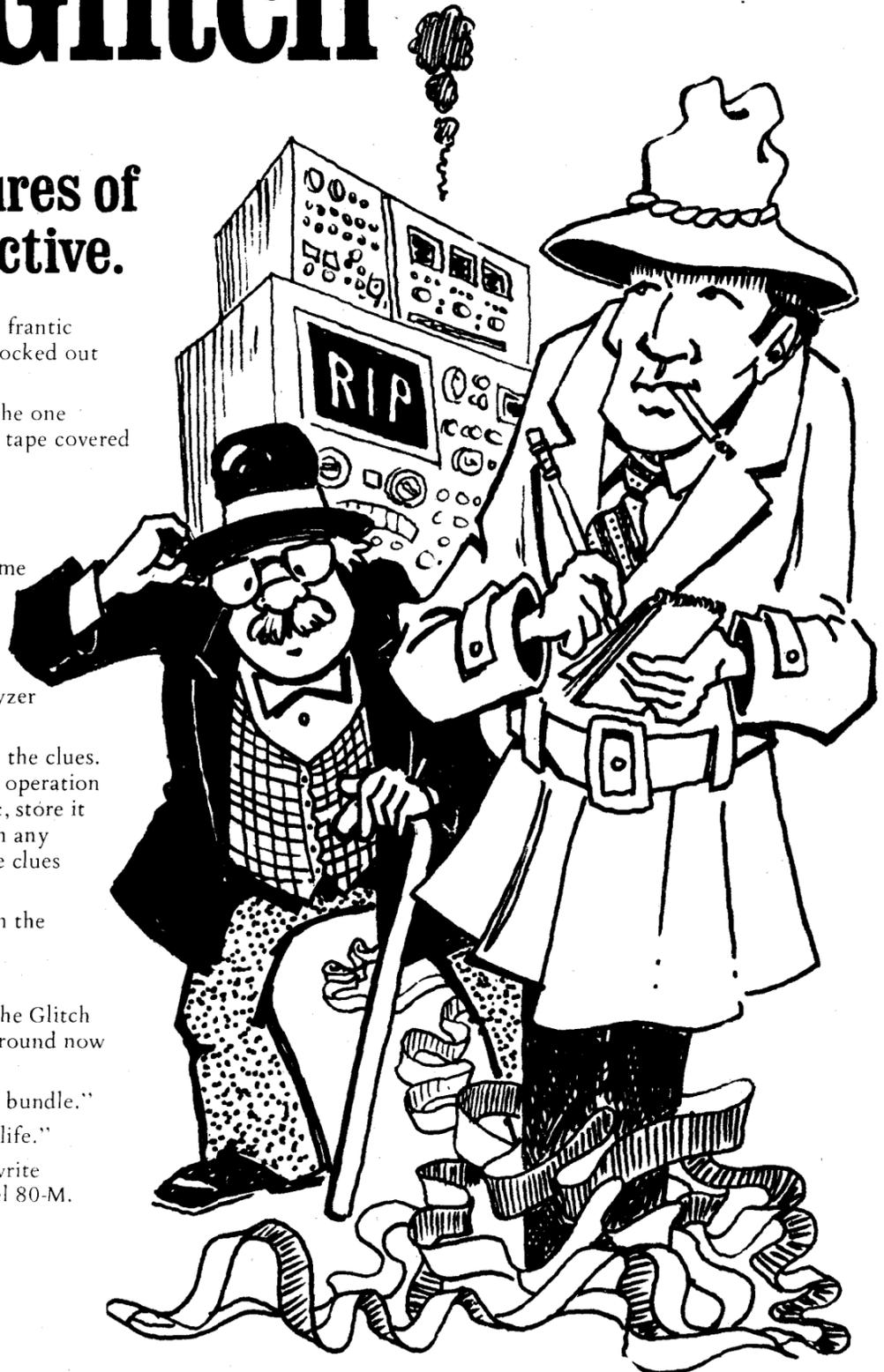
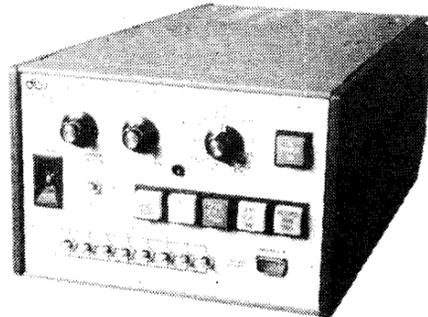
4:02, we had the system surrounded and put the Glitch away with a 300 pf cap. The system is up and around now with no problems.

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