

# The Redstone Rocket

Vol. XXIX; No. 2

Circulation 14,000

May 28, 1980

## Bowling lanes cleanup starts

Work has started to eliminate a health hazard that forced closing of the post bowling lanes.

Patrick Construction Company of Huntsville will remove or encapsulate insulation containing asbestos sprayed on interior walls and ceiling of the building more than a decade ago.

"Encapsulation" involves covering some parts of the insulated walls and ceiling with sheet rock. Insulation taken out of the building will be packed in air tight drums and buried in accord with federal regulations.

The work will cost \$39,000 and will take about 45 days. Special Services plans to resurface the

lanes as soon as the asbestos job is done. Resurfacing, normally done in August, is an annual requirement.

Special Services hopes to have the lanes open again by mid-July.

Medical authorities ordered the lanes closed January 22 when exposed insulation containing asbestos was discovered during an occupational health survey. Asbestos, once widely used in insulation was banned several years ago when it was learned that asbestos fibers caused cancer among ship yard workers whose jobs required constant exposure to it.



### Looking for homes

These kittens, held by Maj. Kenny Mitchell, post veterinarian and SSgt. Thomas Girardi, vet activity NCOIC, are part of a constant flow of lost or abandoned animals that turn up at the post

animal clinic in Bldg. 3543. If you're looking for a lost pet, or would like to adopt a new one, check with the clinic between 8 a.m. and 4 p.m.

## Productivity

### No future increases seen in workforce — only in workload

BY DAVE HARRIS

The size, weight and shape of the bullet DARCOM found on its plate are as plain as the accompanying message: Bite it.

MICOM people found out about the bullet the other day in a personal letter from Maj. Gen. Louis Rachmeler. Despite its best arguments, Rachmeler said, despite an ever-increasing workload, DARCOM is not going to get more people. Neither will MICOM because the Army has no more people to offer.

The work that must be done must be done with the people available. The obvious and only solution, Rachmeler said, is to improve productivity, find ways to do more with the same number of people.

MICOM soldiers and civilians are trying to figure out how to do that this week. Rachmeler asked them for any suggestions that might be plugged into the command's plans in the unstated belief that the people doing the job know best how to do it and what can best aid them in doing more.

Dr. R.G. Rhoades, director of the propulsion laboratory, has been named to head the planning effort, assisted by a small group pulled together from various command elements. Rhoades has spent much of the past two weeks briefing union leaders and managers on the problem on what DARCOM wants done and the effort to put a command plan together by DARCOM's deadline of June 30.

What DARCOM wants to know then is what MICOM — and other major commands — can do in the next five years to increase produc-

tivity; what goals it believes are realistic; how it intends to achieve them and how it will measure progress.

DARCOM's studies indicate it may be possible to generate about 25,000 more man years of work over five years. MICOM's share of that command-wide total, still being negotiated, will probably be in the neighborhood of 1,500 man-years.

For openers, DARCOM has told the command to see what it can pick up in several broad areas. Among them:

- Use of more overtime.
- Buying equipment a facilities that will make it possible for individuals to do more.
- Using incentives to increase work time by cutting down on sick leave use.
- Decreasing reports, audits, inspections and other internal hassles that take people away from their primary work.
- Avoiding unproductive travel and training.
- Shifting people to mission oriented work from overhead functions.

DARCOM has also asked MICOM to make

recommendations on how it might put into effect something like the profit sharing plans in use in industry that give direct benefits to more productive workers.

Regardless of what comes out of the planning effort, Rhoades and those working with him believe the effort to boost productivity will go nowhere without the backing of every person in the command.

All the theories and plans that industries in the United States and other countries have developed to increase productivity have one thing in common, Rhoades points out — involvement of everyone in the operation.

One way to do that, he believes, is to get workers and first line supervisors talking things over to brainstorm ways to accomplish the work more effectively and efficiently.

"No one is saying work harder," Rhoades said "Maybe work smarter is closer to what we have got to do.

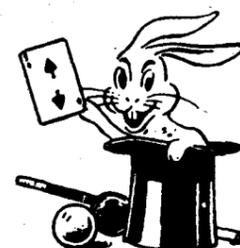
"Not everything we suggest to DARCOM is going to fly, but I'm convinced a lot of it will. They are serious about this in Washington."

## inside



... To learn how a technical writer became Presidential Management Intern material, see page 5.

... SIMOS — the Army's new magic act aims to improve morale and readiness. See page 8.



The Redstone Rocket is published in the interest of the personnel at Redstone Arsenal, by the Enquirer Printing Co., a private firm in no way connected with the Department of the Army. Opinions expressed by writers herein are their own and are

not to be considered an official expression by the Department of the Army. The appearance of advertisements in this publication does not constitute an endorsement by the Department of the Army of the products or services advertised

# Letters

## Ultimate solution

Editor:

I have the ultimate solution to the mystery of the missing telephone transmitter. Perhaps someone was overusing the telephone for personal calls, and a silent protester shut off the conversations temporarily by removing the "innards" of the telephone.

R. Verle Johnson K4FHO  
DAVA Pdn Actv

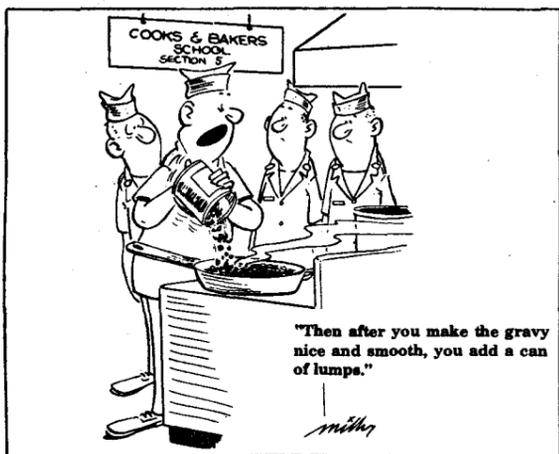
## M&M was champ

Editor:

I am taking exception to the article in the May 21 edition of the Redstone Rocket regarding the opening of the CWF softball season. It was stated in this article that the R&D team was the defending champion. However, the M&M team (now Rachel's) was the league champ last year with a 17-1 record.

Steve Kestler  
DRSMI-SSN

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



## THE REDSTONE 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 2400 Bob Wallace Avenue, Suite 210. Advertising deadline — both display and wanteds — is 10 a.m. Monday before publication.

The Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates off post for The Rocket are \$12.72 a year, or \$7.42 for six months, tax included. Mailing arrangements may be made with the publisher, P. O. Box 930, Hartselle, Ala. 35640.

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

## JETT TRAVEL AGENCY

- CALL US FOR FREE INFORMATION ON:
- HONEYMOON PLANS
  - AIR & BUS TOURS
  - STEAMSHIP PASSAGE
  - HOTEL/MOTEL RENTALS
  - CARIBBEAN & PACIFIC CRUISES
  - AIRLINE TICKETS
  - FOREIGN TOURS
  - GROUP TOURS
  - CAR RENTALS
- NO CHARGE FOR OUR SERVICE

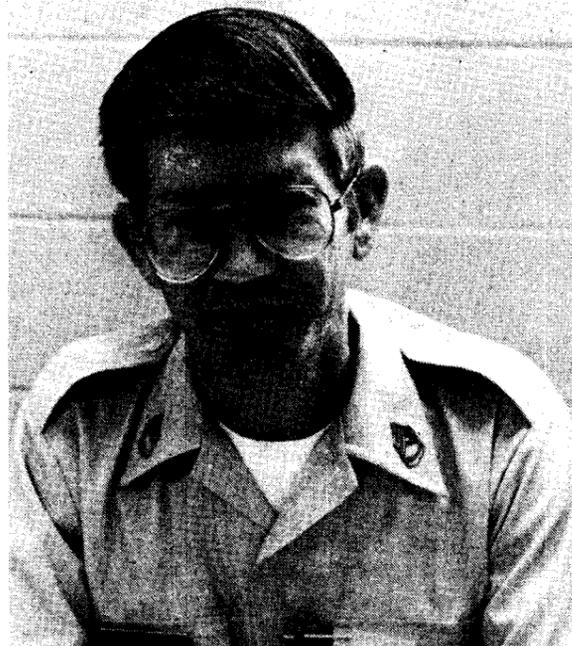
904 BOB WALLACE AV. S.W.  
EAST OF THE PARKWAY

**539-4448**

Open Thursday Nights Until 7 P.M.



PFC Billy Smith, Co. A — "I can understand why they would raise quarter allowances for the people living in high-cost areas but I can't understand why they would take money away from the people living in low-cost areas. That's like taking money from the poor and giving it to the poor."



SFC Charles R. Dickerson, Co. A — "I think it's more ethical to have it the way it is. But they should take a look at raising quarters allowance for lower grades. (E-4 and below)."

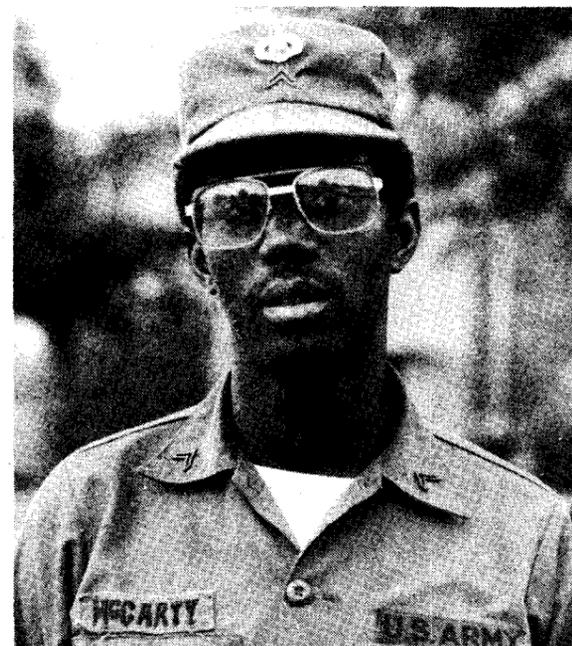


SFC Eddie M. Tracy, Co. A — "There are no low-cost areas anymore. I think it's a great idea, though, because when they do find a low-cost area, people in high-cost areas will get financial help."

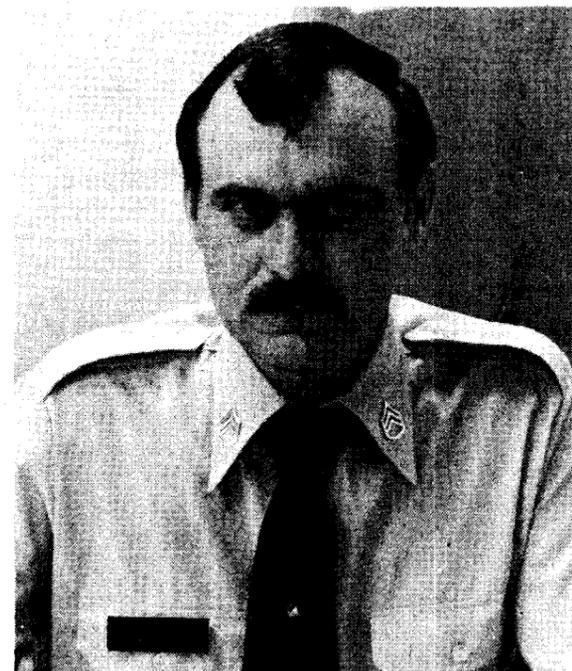
What is your opinion on the proposal for a variable BAQ rate?



PFC Dean Quarles, Co. A — "I think it's good for the people living in high-cost areas but they shouldn't lower what the people living in low-cost areas have now. But sure, they should give additional funds for high-cost areas because really no one is getting enough money anyway."



Cpl. Jerry D. McCarty, 8th S.C. — "I don't think it's right. Taking money from people who probably can't afford living in a low-cost area in the first place to give it to members who can at least afford to live in a high-cost area is unfair."



SSgt. Richard H. Scott, Co., A — "I think it's good for those who are forced to live off post but if they live on post it shouldn't happen. I think BAQ should be raised all the way across the board."



**Return of Jaws**

This small but feisty snapping turtle turned up on the lawn at Bldg. 5250, but he didn't seem any too pleased with all the attention he was getting from Michael Orr, an Interstate United employee. The vicious snapper was later taken into custody by Sp4 David Willcutt, game warden, and returned to his home in the Tennessee River.

# Turbid water safe to drink

If you thought the drinking water at Redstone looked a little dingy at times this spring, you're right — it was.

According to a notice in the Daily Bulletin water from Arsenal Treatment Plant no. 3 exceeded state turbidity standards from March 21 to April 20.

The excess turbidity occurred as heavy spring rains caused an increase in suspended particulate matter in the water. At the same time, problems were experienced with alum feeding equipment that is supposed to take it out.

A utilities spokesman stressed that excessive turbidity does not mean the water was unsafe to drink. It was properly treated with chemicals to kill all harmful bacteria, as was indicated in samples taken daily during the period of turbidity.

There is a state requirement that a water system must notify its customers anytime turbidity exceeds one unit on a monthly

average. Redstone's average during the month March 21-April 20 was 1.8 units, the spokesman said.

Units of turbidity are measured by the amount of light from a standard source reflected by particles in the water.

The spokesman said regulatory standards on turbidity have tightened a lot during the past couple of years and that last month's heavy rainfall created more turbidity in the water than treatment equipment could handle.

Turbidity is reduced by adding alum to the water, which forms the particulate matter into lumps that will filter out.

The spokesman said that during the period of high turbidity some problems were experienced in regulating the amount of alum added to the water. Just as too little alum results in turbidity, so too will the addition of too much alum, he said.

# BMDSCOM gives exec awards

Two Army civilian employees have earned special recognition as recipients of Junior and Senior Executive Awards from the Army's Ballistic Missile Defense Systems Command.

William T. Bishop, an engineer with the Systems Technology Project Office, was selected for Senior Executive honors. The Junior Executive Award was given to Annell M. Battle, an auditor in the BMDSCOM Contracts Office.

The awards are presented annually by Army agencies in recognition of notable contributions by employees in the administrative field.

Bishop, who has been responsible for test planning and target acquisition for ballistic missile defense experiments since 1976, was cited for developing and implementing a "highly effective systems test and target program" utilizing surplus hardware which resulted in a cost savings of several million dollars.

He has worked in the ballistic missile defense program since 1962 and has a bachelor's degree in chemical engineering from Auburn University.

Battle was cited for effectiveness and efficiency in analyzing contractors' costs and pricing data for a variety of commodities and services acquired by BMDSCOM, for developing the government's recommended cost and profit position for contract negotiations and for assisting in preparation of independent government cost estimates.

She has a bachelor's degree in accounting from Alabama A&M University and joined the BMDSCOM staff in 1974 as a trainee in the Contracts Office. During the past six years she has "demonstrated her ability and knowledge" by earning rapid promotions from GS-5 to GS-12.

Award plaques were presented to the individuals by Maj. Gen. Grayson D. Tate Jr., Ballistic Missile Defense Program Manager.

## PX gas pumps all self-service

The PX gas station has converted all its pumps to self-service operation.

Ann Mims, PX service and vending supervisor, said the conversion was made Monday as a result of declining sales at full-service pumps.

Attendants will pump gas for those who cannot serve themselves due to handicap or other reason, Mims said.

Windshield cleaning and oil, water and air checks will be provided by attendants on request, she added.

Mims said discontinuing full-service will free two additional gas lines for self-service and cut down on customer waiting time.

The great majority of customers preferred pumping the gas themselves and getting a lower price. The full-service pumps had been accounting for only about three percent of the PX station's gasoline sales, Mims said.

## AAA MINI STORAGE

INDIVIDUAL & BUSINESS STORAGE

- NO LEASE REQUIRED
- RESIDENT MANAGER
- A SIZE AVAILABLE TO MEET YOUR NEEDS

3052 Leeman Ferry Rd.

881-2640

## MUSICIANS Huntsville Symphony Orchestra

Has openings for players for September thru May season for five subscription concerts, plus one POPS and two Young People's concerts. Famed artists like Sills, Browning, Fodor, Tuckwell, Peters, Merrill perform with the Huntsville Symphony, which is a non-professional orchestra. Call Dr. Marx Pales, conductor and music director, for details - 534-7956 or 534-4818.

BEST



IN HUNTSVILLE

## TERRY'S PIZZA WEST

CARRY-OUTS

DINING ROOM

LOUNGE

Fine Wines and Liquors

3612 Governors Dr.

536-3389



Spaghetti  
Ravioli  
Lasagna  
Sandwiches

## LUNCH DELIVERIES

Made to MSFC and RSA  
between 10:45 and 11:45 A.M.

Daily

ALL LUNCH DELIVERIES  
OVER \$15.00 DELIVERED

**FREE!**



# Training here gives edge in the competition for a Presidential Management Intern slot

BY DEBBIE GEHLBACH

Nancy Potok has spent the past two years in Huntsville surrounded by books.

By day, she has worked as a technical writer in the Maintenance Directorate, writing and editing Army technical publications with names like DMWRs, TMs, MWOs, EIRs, and TLs. She came to Huntsville to work in that slot as a DARCOM intern.

Evenings, she's kept her nose in management textbooks, while she worked toward a masters degree in administrative science at the University of Alabama in Huntsville. She got that degree this month.

But come July, all that book work will pay off. Potok will leave the books behind when she goes to Washington, D.C. to be a Presidential Management Intern for the Department of Transportation.

She will be one of 250 interns nationwide, chosen from a field of over 900 qualified nominees.

Presidential Management Interns start their two-year excepted appointments at the GS-9 level. They are eligible for merit promotion to GS-11 after one year and to GS-12 after the second year.

At DOT, she will be a policy analyst for the Federal Aviation Agency. That will involve research on energy conservation, formulating policy, working with airport administrators and putting together publications. Her training will also include several rotations out of her base office. In the past, DOT interns have been detailed to work with a task force in the White House, subcommittees on Capitol Hill, other DOT agencies, and the Office of Management and Budget.

Potok was nominated for the internship in



December by the chairman of the Department of Administrative Science at UAH, Dr. Pembroke Rees. To be eligible for the program, individuals must have or be scheduled to receive an advanced degree in general management with a public sector focus. They must be nominated by the dean of their degree program.

Potok has been working on her masters for a year and a half, taking several night courses each quarter. Her focus on public administration qualified her for the PMI program. However, when she began working on her masters she didn't have a long-range goal in mind.

"I started it mainly because I was new in Huntsville and I wanted something to do with my evenings. Also, I thought it would be a nice way to meet people in the city," she said.

She found that most of her course work applied to her work with the government.

"The public administration program is structured for people who are already working. There were many times when I

called on my own work experience to help me with my course work," Potok said.

"The hard part was trying to keep up with the course work while being sent on TDY training for up to four weeks," she said. "But my teachers were very understanding, and I did a lot of independent studying."

Following her nomination, Potok was screened by a panel of government managers. She traveled to Nashville for a day of problem-solving exercises which included giving a presentation and fielding questions about it, and a written exercise.

"You had to have your own ideas and speak up. You had to be very assertive," Potok said.

The Presidential Management Interns were selected and their nominating forms and resumes were circulated among interested federal agencies.

Then the agencies screened the 250 finalists. She was offered the job with DOT last week.

Potok's two years of work experience here will make her an untypical Presidential Management Intern, since many begin that program right out of school.

"They were impressed with my writing background," she said.

She believes that her formal training in the intern program gave her a competitive advantage for the selective process in the PMI program, especially things like developing skills in making presentations before a group, directing meetings and in problem solving," she said.

"I look forward to being in D.C., and to the chance to further develop my skills, make a lot of contacts, and further advance my career in government," she said.

Potok is one of six DARCOM workers chosen to enter the PMI program this year.

## TIRES & WHEELS, INC.

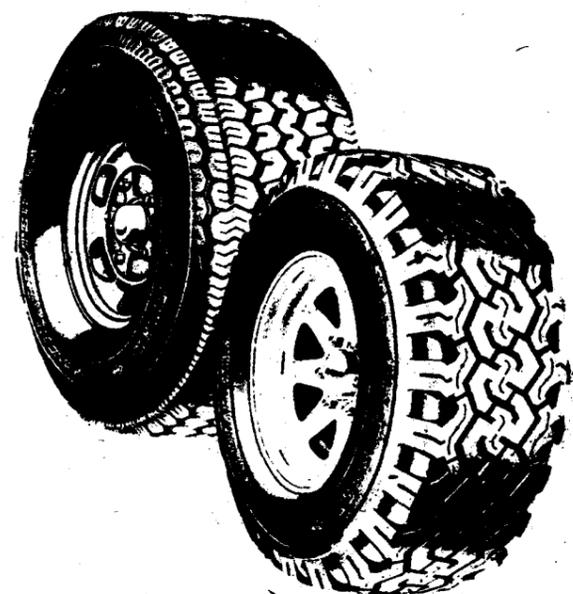
*has anywhere/anytime radials*

**DUNLOP**

- ▶ 50,000 miles limited warranty
- ▶ Aggressive traction design
- ▶ Two steel belts
- ▶ Bead chafer & high ply turnup
- ▶ Radial body & belt guard piles
- ▶ 70 series profile . . . low, wide cross-section hugs the road.

. . . Plus Services

- Front end alignment
- Computer balancing
- Custom tire truing
- Custom brake work
- Fleet service
- Appliance wheels



**DUNLOP**  
THE TIRE PROS

**"ONE FOR THE ROAD"**

**Tires & Wheels, Inc.**

2301 Jordan Lane

**830-0240**

# Free service offers help for local jobseekers

WASHINGTON — Finding a job when you get out of the service isn't always easy. But you may be able to get help from a local job service office.

The job service is a network of public employment offices that offers "no fee" placement services. It has 2,500 local offices throughout the 50 states, the District of Columbia, Puerto Rico, Guam and the Virgin Islands.

Job service offices are funded by the U.S. Department of Labor and operated by the states and territories.

The service refers people to jobs for which they are best qualified.

Also, the service helps employers by sending qualified people to fill vacant jobs. The office reviews applicants' job skills and experience before referring them.

Employers with large or unusual job needs may find help through the service. For example, the service may set up a special work group to obtain employees for a business or industry being started in a community or may use its offices nationwide to find workers having particular skills not available locally.

Other services available through the job service offices include:

- Interviewing applicants to get their job experience, skills and interests
- Giving tests — designed to avoid cultural bias — to measure aptitude for jobs.
- Advising people needing to make job choices or changes
- Providing information about jobs, qualifications and physical demands
- Referring people to available jobs and developing suitable positions
- Accepting and solving job service related complaints.

The job service also offers employment and training opportunities to its applicants. These programs include:

- Classroom, on-the-job training, work experience and public service jobs in Com-

prehensive Employment and Training Act (CETA) programs;

- Apprenticeship training in more than 450 skilled trades;

- Special summer job campaigns designed to help young people get jobs after they complete school and during summer vacations.

The local job service office is the Alabama Employment Service at 1806 University Dr. NW. Their hours are 8 to 4:30, Monday thru Friday, and their phone is 539-2141.

Also, a pamphlet, "Job Service: How it Works for You", may be obtained free by writing the Consumer Information Center, Pueblo, Colo. 81009. (ARNEWS).

## Hometown news center moves

WASHINGTON — The Army and Air Force will combine their hometown news operations at Kelly Air Force Base, Texas, DA has announced.

The U.S. Air Force Hometown News Center is already at Kelly. The Army Hometown News Center will move from Kansas City, Mo., beginning in July, officials say.

The move, directed by DOD, is part of a defense effort to save labor and equipment

costs by combining similar operations.

The Army Hometown News Center was set up in July 1951 to release stories about soldiers to their hometown news media.

The center sends written stories, photo features, and broadcast features to civilian newspapers, radio stations and TV stations.

In April, the Army expanded its hometown news program to include Department of the Army civilians for the first time. (ARNEWS).

### NEVER WAX AGAIN!



#### Preserve A Shine/ Upholstery Guard 2

World's Leading Appearance Protection Package ... as nationally advertised.

Free Guide plus \$10 Off

**If you keep your car clean, you don't need a paint sealant... or do you?**



The answer may surprise you! As will the answers to many questions in *Tidy Car's Guide To Longer Lasting Cars*. Fact is: Car appearance maintenance is not a mystery! If you practice the simple basics you can keep your car looking new for as long as you want to. And, to help you on your way to a total, sensible protection program, Tidy Car will give you a FREE 24-page Guide To Longer Lasting Cars ... plus, \$10-Off the regular price of our Tough 'N Tidy paint sealant Preserv-A-Shine.® Clip this coupon and call us today. We'll help you keep the value of your auto investment high!

CALL:  
**CLIFF or ROGER**

**852-7360**



Offer expires May 31, 1980

## ★ AT AUCTION ★

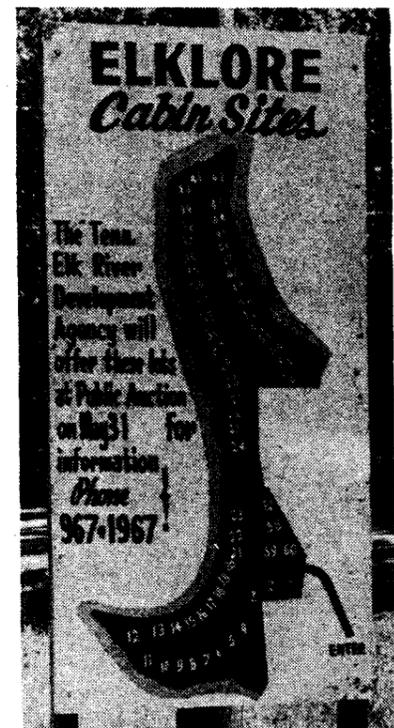
### SATURDAY, MAY 31, 1980

10:00 A.M.



Take Dripping Springs Road  
Off State Highway 50  
(Lynchburg Rd.) & Follow  
the Signs.

1:00 P.M.



Take Harris Chapel Road Off  
State Highway 130  
(Old Tullahoma Rd.) &  
Follow the Signs.

...Presented By...

## TENN. ELK RIVER DEV. AGENCY

615-967-1967

Winchester, Tenn.

# Army selected to take charge of military postal service

WASHINGTON — The Army has been selected as the DoD agency in charge of the military postal service, according to DoD officials.

The Military Postal Service Agency (MP-SA), under the direction of the Army adjutant general, will handle mail services for all the military services under the DoD change. Previously, each military service ran its own postal operations.

The move to combine military mail service was made to end duplication and improve military postal operations, according to the officials. The DoD action provides, for the first time, coordinated funding of the more than

\$120 million spent each year for overseas mail, the officials add.

Joint military mail activities, according to an Army official, will be located with U.S. Postal Service (USPS) centers in New York and San Francisco. These activities will provide routing information to USPS on military mail, to include mail going to Army post offices like Miami and Seattle.

Officials say the MPSA headquarters and the joint mail activities will be staffed by all the military services. The MPSA will provide a central point of contact for the USPS and make military mail service procedures standard. (ARNEWS).

## Reup for Redstone

### Tax Shelter 40 Acre Farm

With large modern 2-story house. 3 bdrm., 2 1/2 baths, living room, fp, breakfast area, rec-room, study, 2 car garage & city water. Huge barn, 55' x 50'. Large storage shelter. 25 acres fenced for pasture, 15 acres for timber, in secluded area of Union Grove. Wonderful for Horses. Shown by appointment only. Priced at \$120,000 (07-B235-UG). Call Toon Ferrell at 536-3897 or at...

**Joe Steel Realty**  
883-1200

### TV Rentals

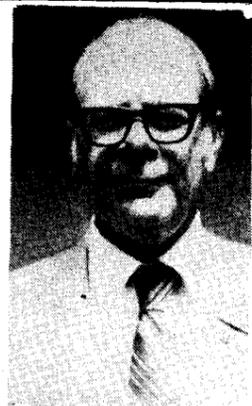
RCA LATE MODELS  
UHF-VHF  
**\$1.00 A Day--\$5.00 A Week--\$14.50 Month**  
**BANNER TV & APPLIANCE CO. INC.**  
501 NW Mem. Pkwy.  
3 Blks. S. of the Mall  
Sales & Service  
PHO. 539-3411  
● RCA, Whirlpool Appliances



Save more than money.

Sure, U.S. Savings Bonds save your money. They also save things like hamburgers, apple pie, blue jeans and the Fourth of July.

So keep your savings in Bonds. And you'll help keep all the little everyday institutions that Americans like to take for granted.



**JAMES IVY IV**  
U. S. A. Ret.  
**IVY REALTY**  
OFFICE  
**881-9504**

Residence  
881-7890

**LEAVING THE SERVICE?**  
**Check your Insurance Benefits Now!**



Now is the time to talk to your New York Life Agent about the valuable privileges available to you under the Servicemen's Group Life Insurance Program.

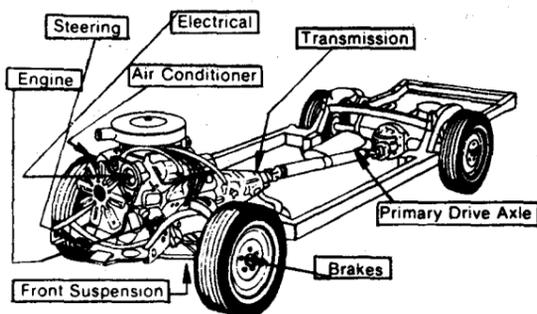
See me for details.

**GEORGE E. PURNELL**  
NEW YORK LIFE INS. CO.  
548 Central Bank Bldg.  
Huntsville, AL 35801  
Bus: 533-9770  
Res: 852-4754

## CAR \* VAN \* PICKUP AND MOTORHOME OWNERS... HERE IS A REPAIR PLAN THAT PAYS FOR YOUR MECHANICAL FAILURES!

It extends Mechanical Breakdown Protection From Unexpected Repair Costs For 4 Years or 38,000 Miles Beyond Manufacturers' Warranty... Add Our Repair Plan To Your Factory Warranty And Get 5 Years or 50,000 Miles Of WORRY FREE DRIVING PLEASURE. Ford And GM Provide Only 2 Years or 24,000 Miles Of Protection For About The Same Price.

### SUMMARY OF MECHANICAL COVERAGE



### Here's What It Offers:

- UP to \$1,000 per repair.
- NON deductible per repair.
- NATIONWIDE coverage. If you are traveling, just a simple call to our claims department is all that's needed.
- WORLDWIDE coverage is available.
- 60 DAY MONEY-BACK GUARANTEE.
- Plus much more... Space limits a total listing.

This most Comprehensive Service Contract pays for repair or replacement of most parts that fail. Now you can protect your budget against unforeseen repair bills for your NEW Car, Van, Pickup or Motorhome. Don't worry about buying a lemon... We have a USED plan.

### TESTIMONIALS:

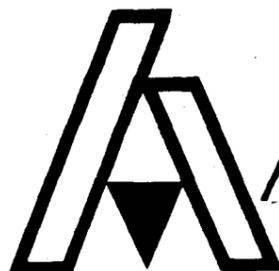
"During the year, I have had two claims and am pleased to report to you that in both cases these were handled promptly and completely to my satisfaction. It is a pleasure doing business with people who care". PDS, Huntsville, Al.

"Thank you for the professional manner in which you promptly handled a claim for Mrs. M. A. while she was on vacation in Maine last week". Hayes Motor Co., Selma, Al.

### YOU'VE SEEN IT ON TV AND IN LEADING NATIONAL MAGAZINES, NOW HERE IT IS!

More than 2 million Americans have discovered Auto Service Contracts. Shouldn't you?  
Call or write today for a price quote.

NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_ ZIP \_\_\_\_\_  
YEAR \_\_\_\_\_ MAKE \_\_\_\_\_ MODEL \_\_\_\_\_ ID# \_\_\_\_\_  
ODOMETER READING \_\_\_\_\_ PURCHASE DATE OF VEHICLE \_\_\_\_\_



*Automobile Consumer Service Corp.*

2400 Bob Wallace Ave., Huntsville, Al. 35805 Phone 205-533-7484

# SIMOS — Army's manpower magic trick

BY RAY ROWDEN

Have you ever seen a magician saw his assistant in half? Did you sit in the audience, sure that the smiling assistant's wiggling feet were somehow still connected to the rest of her, while everything you could see indicated otherwise?

Some people call that magic. Others tag it illusion. It may not be real, but if the audience is entertained, they feel it was worth the admission price. And if the magician makes money from the audience, he will feel that all the time and effort he spent learning to create the illusion was worthwhile.

## Magic needed

But magicians aren't the only ones who profit from illusions. Design consultants, for example, make their living by making small rooms look bigger, old buildings look new or indoor movie scenes look like the great outdoors. There are many instances when an illusion is more practical than the real thing.

The Army has found one such instance. And if the illusion works, many Redstone Arsenal soldiers will enjoy more satisfying careers while the Army improves its combat readiness in several critical fields.

Work has begun to create this illusion in 26 Military Occupational Specialties, including those associated with the Improved Hawk, Pershing, Lance and Nike-Hercules missile systems. And last week, Lt. Col. John F. Wilfong visited MMCS to include three more MOSs and explain the scheme.

Wilfong is SIMOS Project Officer for the DA Military Personnel Center in Alexandria, Va. SIMOS stands for Space Imbalanced MOS. He explained, "An MOS is considered imbalanced when we have 55 percent or more of the documented authorizations located overseas."

He noted that the nuclear weapons maintenance specialties now being incorporated into the program (35F — Nuclear Weapons Electronics, 55G — Nuclear Weapons Maintenance, and 55Z Nuclear Weapons Maintenance Supervisor) list about 62 percent of their authorizations overseas.

"We do have MOSs with up to 78 percent of their authorizations overseas," Wilfong said, and used that figure to illustrate the SIMOS situation.

"If that MOS had 100 authorizations and we filled them correctly, we would have 78 soldiers overseas and 22 in CONUS. We would have to replace one third, or about 26 of the soldiers overseas every year; it's a three-year tour. Our replacements would come from the 22 soldiers here, our sustaining base, so we would fall short by four at best.

"On the other hand, we'd have 26 soldiers

coming back where we have authorizations for only 22. Four have no jobs."

He said the situation resulted in the Army not being able to provide the numbers of soldiers needed to some units, and that soldiers in these fields have a very short stay in the U.S. before being sent back overseas.

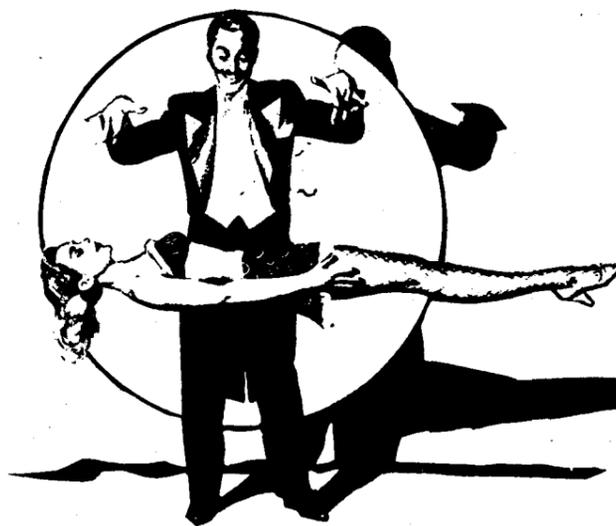
The short stateside tours have had effects on morale of the soldiers and their families and compounds the problem by influencing the soldiers to change their MOS or take their sorely needed skills into the civilian marketplace.

That was the reality the Army faced, and they could find no way of actually changing it. However, they are still trying.

While at Redstone, Wilfong met with the MMCS staff members in charge of force development to try to find ways to authorize more positions for SIMOS soldiers here and to find jobs in other skills that could be reserved for SIMOS soldiers with secondary MOSs.

He explained, "If we can't find a job for them in the states in their primary MOS, we want to give them a job in some other skill, but have them located and those positions reserved at the installation that handles the training for their primary skill.

"That way, at least they will be among soldiers that speak the language of their skill, have the equipment for that MOS and with a little individual initiative, the soldier can maintain his proficiency although he is not



working in his primary skill while he is in the states."

In overseas units, Wilfong is trying to isolate jobs that now call for a SIMOS soldier but could be performed by a soldier in a less-troubled MOS. With these added to unit manning rosters, the demand for SIMOS soldiers will be lessened overseas and the stateside sustaining base will be enlarged. The imbalance would be lessened; if only slightly.

To help with the illusion of balance, the Army is already training more soldiers than they need at the entry level. That way, if the Army can't send an NCO to an overseas unit that needs one, it can send a private.

But Wilfong noted, "As much as we need privates, they don't yet have the skill and experience to perform the duties of an NCO. And where we are making do with privates in NCO positions it leads to degradation of unit readiness, something we're trying to avoid."

In another step to lessen the appearance of imbalance, the Army is seeking Reservists and National Guardsmen with SIMOS skills who are willing to volunteer for active duty overseas only.

But Wilfong's highest hopes are hitched to incentives for overseas tour extensions. "We went out with a survey to see what SIMOS soldiers would respond to. We surveyed about 12,000 and of those that responded, they were most favorable to the offer of money — a cash bonus for staying overseas."

The second most appealing incentive involved a bonus of free leave time with government provided transportation to and from the U.S.

## Incentives

Wilfong said enough SIMOS soldiers gave positive responses to these incentives to indicate that if they were available, they would inspire the number of tour extensions needed to allow SIMOS soldiers up to two years in the states between overseas tours.

Those MOSs would no longer appear to be imbalanced.

Wilfong said proposed legislation to provide these incentives has been reviewed by the Army and forwarded to the Department of Defense. And since most of the money for the incentives would be balanced by savings from less frequent moving costs, he thinks the proposal has a good chance for eventual enactment.

He said the most important thing he found here during his visit was the enthusiasm for the program expressed by school officials and SIMOS soldiers.

"I sat down with the staff here and at first it didn't look like we could do anything. But as they talked around the table they came up with a lot of good ideas and it looks like we will be able to come up with quite a few positions here for SIMOS soldiers."

Wilfong concluded that these MOSs will probably remain imbalanced but under the SIMOS program they may not appear to be in a year or so.

If it is successful, SIMOS will be like that old magician's trick — an illusion that many soldiers will enjoy.



## Astro-Lite BATTERIES

● MAINTENANCE FREE  
● NATIONWIDE WARRANTY

**FROM \$31.25 exg.**

● Reconditioned Batteries - \$21.95 exg.  
● Astrolite ● Alternators - \$24.95 exg.  
● Starters - \$24.95 exg.

**FACTORY SECONDS FROM \$19.95 EXG.**

## BATTERY SALES, INC.

883-0083 ASTROLITE WAREHOUSE 1 Mile South of Haysland Square

TOP PRICES FOR JUNK OR USED BATTERIES

battery repairs



DIRECT FROM GLOBE UNION FOR ALL VEHICLES POWER TO DRAW ON!

DEEP CYCLE MARINE BATTERIES

MOTORCYCLE BATTERIES \$24.95 exg. BATTERY ACCESSORIES

## MICROPROCESSOR SHORT COURSES

### Hands-On" with the Rockwell AIM 65

June 16-17: Introduction to Microcomputers

June 18-20: Programming in BASIC

June 23-24: Assembly Language Programming

June 25: Advanced Microprocessor Expansion

June 26-27: Advanced Input/Output Applications

**For more information, call: 837-6940/837-7819**

**NASEC/The Computer Center**

Suite 307 Executive Plaza      Huntsville, Alabama 35809

# Ancient jaws

## Burial pit bones identified as deer, bear

By ED PETERS

Ancient animal jaw bones recovered from a burial pit on Redstone Arsenal in March have been identified as being from a bear and a deer.

In tentative identification at the time the pit was excavated, archaeologists correctly identified the bear jaw but believed the other to be from an elk.

But a spokesman for the Army Corps of Engineers's Mobile District said Friday that closer examination has shown the jaw bone to have belonged to a large deer rather than an elk.

The bear and deer bones were found along with ornamental neck pendants, arrowheads and other artifacts in a spot where they had been buried by Indians hundreds of years ago, apparently in some sort of ceremony.

The ancient burial was found by archaeologists working for the Corps of Engineers to determine if there are important archaeological sites that might be damaged if Huntsville Spring Branch has to be rerouted because of DDT pollution in the streambed.

The archaeological information is being incorporated into a Corps study of how to correct the pollution problem.

A 2.3 mile stretch of Huntsville Spring Branch on the arsenal contains an estimated eight million pounds of DDT manufacturing waste put there by Olin Chemical Co. which used to rent a factory on the arsenal.

High levels of DDT have been found in local



**Closer examination shows this jaw bone belonged to a large deer rather than an elk as earlier believed**

fish and wildlife and in people in the downstream community of Triana.

A preliminary report on the Corps study is targeted for June release. Sometime before that, it will be gone over by an advisory group representing various federal, state and local environmental and public health interests.

The Corps' study addresses six possible ways to stop the spread of DDT into the environment. Five of them involve some degree of dredging, digging, or stream diversion that possibly could impact the natural environment or cultural resources such as archaeological sites.

## Soldier, are you out of uniform?

WASHINGTON — "Hey, soldier, you're out of uniform."

If you've shortened the sleeves of your long gray-green service shirt, you're violating the Army's uniform wear policy.

Uniform wear policy violations are still a problem and seem to be increasing.

Other rules in AR 670-1, "Wear and appearance of Army uniforms and insignia," being violated include:

- Women wearing the white blouse as an outer garment with the AG 344 skirt;
- Women wearing the Army green-pantsuit tunic as an outer garment with the AG 344

skirt and AG 344 pantsuit slacks;

- Wearing earrings while in uniform;
  - Women wearing the Army green sweater as an outer garment with uniforms other than AG 160 cord, hospital duty and food service uniforms;
  - Carrying commercially designed-purchased handbags while in uniform;
  - Wearing the navy windbreaker with the Army uniform. The navy windbreaker differs in material, length and shade from the new Army black windbreaker and does not meet Army uniform quality control standards.
- Soldiers should remember that the insignia

of rank must always be worn on the gray-green service shirt.

The windbreaker and raincoat may be worn with either shirt, according to officials. The green overcoat, however, will not be worn when the shirt is worn as an outer garment. Soldiers are reminded that some old uniform items have mandatory wear out dates.

After Sept. 30, the women's Army green garrison caps may not be worn.

Wear of the Army green cord cap and uniform will not be allowed after Sept. 30, 1981. (ARNEWS).

### New Dale Carnegie Courses starting now in Huntsville!

Why postpone any longer beginning the personal development program with over 2,000,000 graduates?

You can develop new skills in communication, human relations, sales and management this year.

You can learn to remember names and ideas easily. Build new enthusiasm and self confidence. Check the areas that interest you most and send this ad for a FREE booklet. Or call us at:

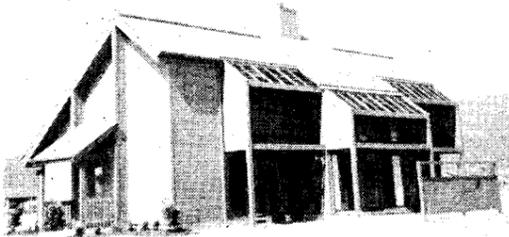
**539-2101**

- |   |   |
|---|---|
| <input type="checkbox"/> Communications | <input type="checkbox"/> Human Relations          |
| <input type="checkbox"/> Sales          | <input type="checkbox"/> New enthusiasm           |
| <input type="checkbox"/> Management     | <input type="checkbox"/> Remember names and ideas |

**DALE CARNEGIE® COURSES**

Presented by  
LEADERSHIP TRAINING SERVICES  
672 Central Bank Bldg.—Huntsville 35801

### THE HOUSE FOR THE 80's OPEN SUNDAY 1-6 P.M.



We are proud to present to Huntsville & North Alabama THE FIRST ALL PASSIVE SOLAR HOME offered for sale in this area. This contemporary home offers a new dimension in modern living. Firsts include a dramatic and innovative "Sunspace" — "Ice Box Roof" and Trombe Walls. We invite you to experience this unusual home and catch a glimpse of living in the 80's.

Directions: Weatherly Rd., right on Willow Park, left on Nadina to Suntrace signs.

**LANDMARK GALLERY OF HOMES**

539-0643      881-4900      859-4660

### KWIK KLEEN CENTER DRY CLEANING COIN LAUNDRY



**881-9661**

- New Washers
- New Dryers
- Alterations



- New Big Boy Washers

Near Arsenal Gates 8 and 10  
3113 Drake Ave. at Triana Blvd.

### COIN LAUNDRY Clean Modern Equipment

### Thomas Road Laundromat

Located next to Cloverleaf Food on Drake Avenue.  
Half-way between Triana Blvd. & Jordan Lane.

# P&P announces major personnel changes

BY BOB HUBBARD

MICOM's Procurement and Production Directorate, the Army's 'buying agent' at Redstone Arsenal and in Huntsville, has completed several major personnel changes brought on by retirements, and the merger of the two Army commands here.

Al Muller, P&P Director, and Col. Henry B. Miller, Deputy Director, said this week that MICOM has promoted and named two new division chiefs, and has shifted several team chiefs on lateral assignments to broaden their experience base.

"We're putting together the best team possible to face the challenges of the eighties," Muller and Miller agreed.

"We're filling two of our top positions, shifting some resources and cross-training several team chiefs to give them a fresh perspective in Army missile support."

Among changes, James B. Elliott has been named Chief of Procurement Division "B", replacing Robert Powell who retired from federal service, and James Brannon now heads Division "D", a position he was occupying on a temporary basis.

Elsewhere, Billy Perkins has moved from High Energy Lasers to Hawk, replacing Elliott; Frank Shea from Patriot to High Energy Lasers, Jerry McMurry from Viper to Patriot, and Jack Grosser who was promoted to lead the Viper team.

## Cradle to grave

Elliott, a former supervisory contract specialist, now has cradle to grave responsibility for several assigned systems in Division "B", including Multiple Launch Rocket System, Hellfire, Ground Laser Locator Designator, Infantry Man Portable Antitank Assault Weapon System, along with non-system research and development, and support of the Defense Advanced Research Projects Agency and the National Training Center.

A native of Athens, Elliott came to Redstone in 1956, starting with Purchasing and Contracting, and has filled assignments of increasing responsibility.

Brannon, who came to Redstone in 1965, supports the Weapons Systems Management Directorate — Nike Hercules, Redeye, 2.75, Slufae, Land Combat Support System —

(along with the Army Missile Laboratory) and base support to such as the hospital, Missile Laboratories, Missile and Munitions Center and School, and Missile repair parts.

A native of Laurel, Miss., Brannon is a graduate of Mississippi State University with a Political Science Degree, and holds a Master's in Public Administration from the University of Virginia.

Looking ahead to the coming decade, Muller and Miller said the Army increasingly is seeking to introduce competition earlier in the missile development cycle and "... compete contractors as far up the line as possible."

"Rather than look toward a single source, the Army is seeking wider participation to broaden the industrial base, for components that can be manufactured by companies other than the prime contractor.

And one of the Army's top priorities is to help small business, particularly the socially and economically disadvantaged.

The Army requires that contracts over \$500,000 dollars must have a small business sub-contracting plan.

## KEITHLEY

### Model 130 Digital Multimeter

- Convenient hand-held size
- Large, 2000-count liquid crystal display
- DC volts, DC amps, ohms, AC volts, AC amps
- 10-amp current range
- User-oriented design with only 2 easy-to-use rotary switches
- Rugged case

Keithley's Model 130 is a convenient hand-held DMM. Its size and light weight make it ideal for field service and similar applications which require a portable meter. With five functions—DC volts, AC volts, DC amps, AC amps and resistance, the 130 meets many measurement requirements. Diode checks are easily made on the 20kΩ range. Rugged. The case is molded of tough, impact resistant ABS plastic with 0.10-inch (2.5mm) walls for added strength and ruggedness. The PC board is firmly attached to the top of the case to eliminate relative motion between case and PC board in the event that the meter is accidentally dropped. Both the faceplate and LCD lens are made of tough, scratch-resistant polycarbonate plastic. The color-coded legends are printed on the back of the faceplate so they won't scratch or wear off.



Effective 5/1/80  
MODEL NO. 130

Special Inventory Price  
While Quantities Last

**\$99<sup>00</sup>**

**GENERAL**  
DISPLAY: 3 1/2-digit LCD, 0.6" height, with polarity and range indication.  
OVERRANGE INDICATION: 3 least significant digits blanked.  
MAXIMUM COMMON MODE VOLTAGE: 500V peak  
OPERATING ENVIRONMENT: 0° to 50°C; less than 80% relative humidity up to 35°C; less than 70% relative humidity from 35°C to 50°C.  
STORAGE ENVIRONMENT: -35°C to 60°C

TEMPERATURE COEFFICIENT (0° to 18°C and 28° to 50°C): Less than 0.1% applicable accuracy specification per °C  
POWER: 9V alkaline or carbon-zinc battery (NEDA 1604)  
BATTERY LIFE: 100 hours typical with carbon-zinc cells, 200 hours with alkaline cells.  
BATTERY INDICATOR: Display indicates BAT when less than 10% of life remains.  
DIMENSIONS, WEIGHT: 178mm long x 78mm wide x 38mm thick (7.0" x 3.1" x 1.5"). Net weight 283gm (10 oz.).  
ACCESSORIES SUPPLIED: Battery, test leads and operating instructions.

# LEECO

INC. AN AFFILIATE OF LEE ASSOCIATES MID-SOUTH, INC. HUNTSVILLE, ALA.



Stocking In Huntsville

Call For Demo—533-5896



Call Lisa Smith — 817 WHEELER AVENUE — HUNTSVILLE, AL 35801  
or Gay Watson (205) 533-5896

Art Appraisals Art Restoration

offered by

*Brigitte Griggs*

Assoc. of the American Institute for Conservation of Historic & Artistic Works  
772-0569 or 533-4735

**RENT YOUR TRAILER**

**READY RECREATIONAL TRAILER RENTALS**  
6005 Cowin Dr. NW  
CALL FOR INFORMATION AND RESERVATIONS  
852-5166

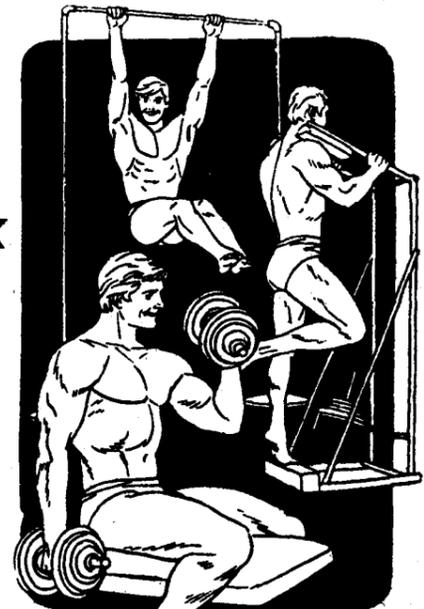
## SPRING SPECIAL!

ONLY! 2 Weeks

Left on low rates

**\$250 PER-WEEK**

Shape Up for Summer Months



"The Affordable Health Club"

# TOTAL HEALTH FITNESS CENTER

2404 North Memorial Pkwy.

533-9704

# Butane lighters can be dangerous

WASHINGTON — "Hey, Harry, did you read that article in last night's paper on the dangers of using a butane lighter? I'd get rid of yours if I were you."

"Yeah Joe, but some of that stuff is just rumor. A butane lighter can't really explode with the force equal to three sticks of dynamite. The National Safety Council says these lighters don't have that much fuel."

But butane lighters can be dangerous, the council says, when they're abused, misused, exposed to heat or altitude or if they malfunction.

For example, loss of cabin pressure in an airplane can cause a butane lighter to leak. Also, a damaged lighter could release large amounts of gas and engulf your face with flames.

Butane in a lighter is liquid under pressure

in a small tank. When the valve is opened, butane gas is released.

Butane expands when exposed to heat, increasing the pressure inside the lighter. If the pressure of the butane exceeds the tank's strength, it will rupture. This can spray you with a volatile gas.

When butane is sprayed onto clothing, the result is similar to a wick in a kerosene lamp when first lit, say safety officials. The clothing will flame immediately.

To reduce injury, you should take the following precautions;

- Never subject your lighter to temperatures over 120 degrees Fahrenheit (49 degrees Celsius) because high temperatures cause butane to expand quickly

- Do not leave a butane lighter in a car where the sun can overheat it

- Do not expose plastic lighters to sparks because the plastic may melt, releasing butane gas

- Keep the lighter away from the face when striking a spark and adjust the flame to the shortest possible height

- Do not use any lighter not designed to shut off automatically when you let go of it. It should be self-extinguishing and have a wind shield around the flame.

- Do not refill any lighter near a flame, electric or gas stove, or any kind of heater

- Do not carry a can of butane aboard any airplane. Escaping butane could cause a fire.

Remember, butane lighters can be hazardous. If not properly handled, they can rupture and spray you with flaming butane. (ARNEWS).



**TV RENTAL**  
FREE DELIVERY TO R.S.A. No Deposit



Black & White or Color, Available Call  
**MOORE TV**  
852-1776

**Starters and Alternators REBUILT**  
FOREIGN, DOMESTIC AND COMMERCIAL  
1 Day Service  
**K & D Rebuilders**  
539-2253

**HUNTSVILLE Y.M.C.A.**  
Announces Registration For  
**CAMP CHA-LA-KEE**  
AT GUNTERSVILLE LAKE  
Ages: 8-15  
Girls: June 8-21  
Boys: July 13-26  
Enroll for 1-2 weeks.  
Skiing, Trampoline, Tennis, Swimming, Riflery, Nature and Crafts, Archery, Horseback Riding, Canoeing.  
**Call 539-5704**  
or Register At Any Y.M.C.A.

## Make Redstone Federal Credit Union Your ONE-STOP Financial Center.



A Shares Account Gives You Both Bill-Paying and Saving in One Account — PLUS a Dividend Advantage!

**SHARES.** You can use a Credit Union Shares Account just for your savings. You may earn quarterly dividends as much as a full percentage more than passbook savings rates.

**SHARE DRAFTS.** By adding draft capability to your Shares Account, you can use the same account for both bill-paying and saving. A draft account is similar to a checking account — plus, eligible funds in your account may earn dividends. Drafts are not returned to the members as draft registers are provided, eliminating the expense of mailing cleared drafts to the members. Inquire at the Credit Union for full details.

Your Credit Union Offers Early-Maturing Investments.

**SHARE CERTIFICATES** offer higher earnings than regular shares accounts. Please feel free to call the Credit Union to obtain current rate quotations.

Additional Financial Services Available.

**DIRECT DEPOSIT.** Receivers of certain Federal payments can choose to have their checks deposited directly into their Credit Union Shares Account. A receipt is issued for each deposit to your account. No more lost or stolen checks, or wasting gasoline and time waiting in line. The ultimate in convenience and security is provided.

**TRAVELERS CHECKS,** either American Express Cheques are available for a fee, or, participants in Share Draft Accounts may obtain Republic National Bank Travelers Checks, at no charge.

**FINANCIAL COUNSELING,** with our Family Budget Service.

**FAMILY ACCOUNTS.** To help your children learn financial fitness at an early age.

If your employer is in the Credit Union field of membership, stop in at the Main Office or any one of the eight convenient Branch Offices to obtain complete details.

Each member account insured to \$100,000 by Administrator, National Credit Union Administration.

Enjoy One-Stop Convenience — AND a Dividend Advantage!

Branch Office Locations:

The Mall • Parkway City Mall • Haysland Square • Redstone Arsenal (Shopping Center) • Marshall Space Flight Center (Building 4200) • Scottsboro • Widows Creek Steam Plant • Bellefonte Nuclear Plant



**REDSTONE FEDERAL CREDIT UNION**

*A Cooperative Savings and Loan Corporation*

P. O. BOX 5347 • 220 WYNN DRIVE  
HUNTSVILLE, ALABAMA 35805

Telephone: 837-6110 (Toll-Free within 70 miles of Huntsville)

# Rain halts CWF slo-pitch softball league play

BY DOUG MCKEE

Play in the Civilian Welfare Fund Slo-Pitch Softball League was halted last week as rain took its toll on the playing fields. Play will resume on tomorrow, with a full slate of games.

The rainouts gave league officials a chance to catch up on the stats and to review a few of the highlights of the league season to date.

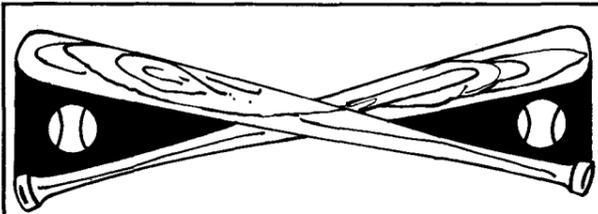
In the early stages it looks like there will be a three-team race for the top spot among R&D, Rachels and MMCS. The biggest surprise thus far has been Comptrollers (0-4). They were thought to be among the preseason favorites, but have yet to get it all together. P&P seems stronger since the return of the league's premier short stop, Rick Heodrick. F&A, Maint. Engineers, and Raytheon seem to have the horses to claim a spot in the first division if anyone ahead of them falters. MISD and Metrology seem destined to hold down the bottom rung unless they can come up with additional players.

The league has a new look this year with many young players coming in. Last year's

defending champion, Material Management (M&M), did not return, the first time they have not fielded a team since 1972. F&A every year since 1973. Comptroller is not far behind, first fielding a team in 1974. R&D hopes to join M&M and MISD this year as three-time winners of league championships. The 3 teams

won 8 league titles in the 70's with M&M posting the best record (120-18, .870 PCT).

Some of the new teams are experiencing a shortage of players, so if anyone is interested in playing, contact League President Frank Thomas at 876-6431.



## How they stand

R&D	4	0	1.000	-
MMCS	3	0	1.000	1/2
RACHELS	3	0	1.000	1/2
F&A	2	1	.667	1 1/2
P&P	2	1	.667	1 1/2
Maint Engr	1	2	.333	2 1/2
Metrology	1	2	.333	2 1/2
Raytheon	0	3	.000	3 1/2
MISD	0	3	.000	3 1/2
Comptroller	0	4	.000	4

### THE UNIVERSITY OF ALABAMA IN HUNTSVILLE DIVISION OF CONTINUING EDUCATION

#### COBOL PROGRAMMING AND STRUCTURED TECHNIQUES

The University of Alabama in Huntsville, Division of Continuing Education announces a three-course sequence in Computer Science and Systems Design.

##### COBOL PROGRAMMING I

Date: June 9-20, 1980 Daily 8-12 noon 40 Hours  
Fee: \$350.00

Purpose: This course is to give persons with no previous COBOL experience the fundamentals of ANS COBOL programming. The format, structure and content of the COBOL language will be explained and reinforced through designing, coding and executing a variety of typical COBOL applications.

Objective: Cover a basic subset of COBOL and be able to write a complete straight line COBOL program.

##### Course Topics:

- Introduction to COBOL Programming and basic data organization
- IDENTIFICATION and ENVIRONMENT DIVISION
- DATA DIVISION
- PROCEDURE DIVISION
- MOVE statement formats
- WORKING-STORAGE SECTION
- Arithmetic and conditional statements

##### COBOL PROGRAMMING II

Date: July 14-25, 1980 Daily 8-12 noon 40 Hours  
Fee: \$350.00

Purpose: This course is designed to give COBOL programmers a knowledge of various additional features of the COBOL language. After the course, the student will be capable of evaluating the applicability of these techniques in assigned programming tasks and of their successful implementation therein.

Objective: Cover additional features of COBOL and be able to write a simple file processing program.

##### Course Topics:

- Editing printed output and page control
- Altering the path of a program
- GO TO and PERFORM statements
- Single level OCCURS clause
- Additional PROCEDURE DIVISION entries
- Sorting in COBOL

##### STRUCTURED PROGRAMMING TECHNIQUES

Date: August 18-22, 1980 Daily 8-12 noon 20 Hours  
Fee: \$175.00

Purpose: This course is designed to give COBOL programmers the tools necessary to produce COBOL programs consistent with the principles of structured programming.

Objective: Cover principles of structured programming and be able to write a structured COBOL program.

##### Course Topics:

- Introduction to Structured Programming.
- Structured design
- Developing a structured program

COURSE FEES include all course material. Instructional team: Sara Graves, Glenda Lambert, Fred Petry  
Location: Madison Hall, Room 223, UAH Campus

FOR ADDITIONAL INFORMATION CONTACT:

Jim Dowdy

Division of Continuing Education  
The University of Alabama in Huntsville  
Huntsville, Al. 35899

Phone (205) 895-6015

ADDITIONAL COURSES IN THIS SEQUENCE PLANNED FOR THIS FALL:

Job Control Language (COBOL)	40 hrs.
Advanced COBOL Part I	40 hrs.
Advanced COBOL Part II	40 hrs.

An Affirmative Action/  
Equal Opportunity Institution



The University  
Of Alabama  
In Huntsville



WE BRING PEOPLE HOME.

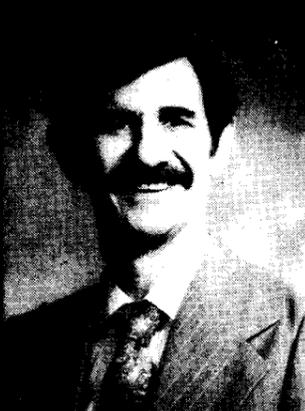
## Landmark

SOUTH GALLERY 7900 Bailey Cove Road

881-4900



Virginia Robinson  
Sales Manager



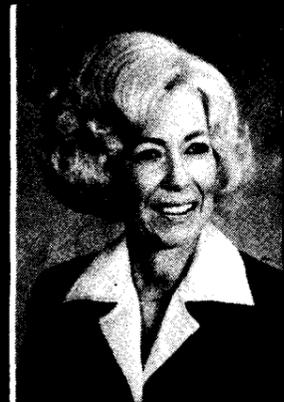
Jerry Madison



Gene Arvin



Ginger Munafò



Nora Towns



Marlene Sullins



Kathy Cooper



THESE PROFESSIONALS MAKE THE DIFFERENCE



*The Gallery*  
OF HOMES

YES, IT HAPPENED. One of those coveted Sun-Trace energy homes became available. 3 bdrms, 2 baths, spacious great room, exposed beams, custom drapes & blinds, much more! Unbelievable ... equity \$13,260. Assume loan. Must see!

A CANOPY OF TREES creates a lovely setting for this 3 bdrm. brick rancher. Desirable S.E. neighborhood, franklin stove, new roof, new heat pump, assume VA loan. Price reduced! \$54,900, \$322 mo. R513.

NO BACKDOOR NEIGHBORS ... only trees and fresh country air! If you're looking for a well-kept spacious home, don't miss this newly listed 4 yr. old basement rancher. 3 bdrms, 2 baths, situated on 1 acre completely fenced. Low \$50's.

**Landmark Gallery of Homes**

Days 539-0643  
Evening 881-5198

**GOT THE KITCHEN**

**BLUES??**

**MARSH & VAUGHN CONST.**  
Has The Answer!



- Renovation or
- Remodeling

We represent the Souths finest cabinet manufacturers with designs to suit your taste & budget.

For FREE Estimate Call  
**859-0610**

**IVY REALTY**

3322 S. Memorial Pkwy. • Huntsville, Ala. 35802



**RUDI WALTHER, MBA CW4, AUS, (Ret.)**

OFFICE: (205) 881-9504  
RESIDENCE: (205) 883-1293



EQUAL HOUSING OPPORTUNITY

**Landmark**

Ask about our Active & Passive Solar Homes

**MONEY AVAILABLE!** For financing this adorable 3 bdrm. SW rancher. Features living/dining combo, lots of closet space, new roof, carpet and paint. Within walking distance to schools, treed lot with fenced backyard. Low \$30's. N3802 LANDMARK Gallery of Homes, Inc. 539-0643.

**SO-O-O NICE TO COME HOME TO!** Your country retreat is far from the maddening crowd but only minutes from downtown. This 2 yr. old may be your dream come true. With great room, 3 bdrms., eat in kitchen, garage, yet priced in the \$30's. S337 LANDMARK Gallery of Homes, Inc. 539-0643

**ACREAGE - HOME - CLOSE IN!** Country atmosphere but city conveniences available in this 2 1/2 yr. old custom built 4 bdrm. 3 bath basement rancher. Awaiting your inspection is real country living for those blessed with a large family. Extras awaiting your inspection. B264 LANDMARK Gallery of Homes, Inc. 539-0643.

Central Gallery  
505 Drake Ave.  
539-0643

North Gallery  
2714 Mastin Lake Rd.  
859-4660

South Gallery  
7900 Bailey Cove Rd. — 881-4900

**Active duty offered reserves**

WASHINGTON — Reserve warrant officers facing involuntary separation will soon have a chance to stay on active duty.

All active duty reserve warrant officers who are passed over for promotion to CW3 and CW4 for the second time by the promotion board now meeting may apply. Before, if passed over twice, these warrants would be subject to removal from active duty.

DA officials say this action will help meet current and projected warrant officer requirements.

This action also affects those warrants who may be considered by other promotion boards for the rest of FY80. However, it does not affect warrants who were passed over before this year, nor should it be seen as setting an example for future years, officials stress.

Only warrant officers who have completed

less than 18 years of active federal service will be considered for retention. If selected, they will continue for a three year period in their current grade, unless they retire.

Warrant officers who have already reached 18 or more years of active federal service will continue on active duty until retirement.

Those warrant officers completing the initial period will be required to reapply for further active duty or voluntarily separate. If voluntarily separated at that time, they lose any readjustment pay entitlements that are awarded with an involuntary separation.

Continued reservists will be considered for temporary promotions annually. Those who are selected and accept the promotion will be removed from the continued status. (AR-NEWS).



*The Masters*

**INSTITUTE OF COSMETOLOGY**

**SERVICE • TRAINING • PRODUCTS**

-Nobody Does It Better-

ENROLLMENTS OFFICE

•705 WARD AVE.

•539-4241

**DAY or NITE Training...**

Our Cosmetology Program offers you a rewarding career in a fast paced, high demand industry.

Contact our enrollments director for full information.

★ **HOMEOWNERS** ★  
★ **QUESTIONNAIRE** ★

- |                          |                          |  |
|--------------------------|--------------------------|--|
| Yes                      | No.                      |  |
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Do you come home from work only to find your driveway jammed with cars like the parking lots at Riverfront stadium?                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Are your lawn mowers, grill, bicycles and other expensive essentials laying in your backyard and rusting before your very eyes?                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Do you find things in your way that you wish you had a storage place for ... like garden hose, rakes, shovels, boxes, etc.?                         |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Or maybe you have a convenient metal shed with rusty doors about to fall off and every time you want the garden hose it's way in the back?          |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Maybe you're the home mechanic who changes spark plugs and oil in your driveway at night ... with 40 feet of extension cord running into the house? |

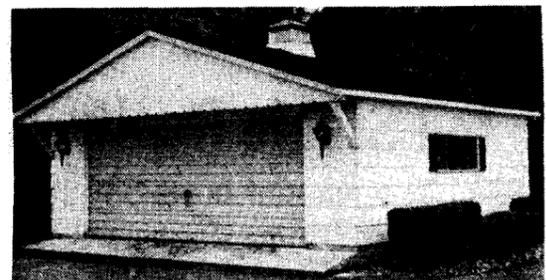


Since 1952

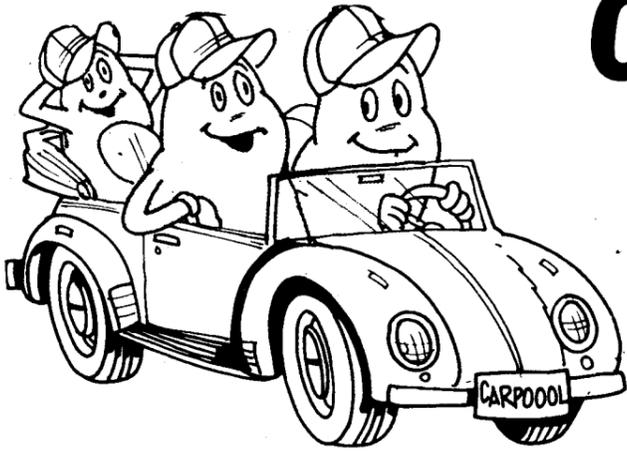
**BULLOCK GARAGES BUILDERS**

**SYSTEM - BUILT QUALITY GARAGES**  
**2105 Blue Springs Rd.**  
**859-3094, 859-3789**

**THE ANSWER IS A GARAGE BUILT BY BULLOCK STOP IN AND SEE OUR DISPLAY**



# Carpool Hotline 876-1500



## Northwest Huntsville

Carpool wanted from Shady Lane area in northwest Huntsville to 4484, hours 8-4:30, could change. Gracie Phillips 876-4857/7554.

## Hartselle

Carpool wanted from Hartselle to 7408, hours 7:30-4. Ruby Jean Massey 876-3528.

Mail this coupon today to:  
**Carpool Hotline**  
**The Redstone Rocket**  
**DRSMI-G**

Phone \_\_\_\_\_

Carpool ( ) Ride ( ) Riders ( )

Yes, I'd like to place a free carpool ad:

Name \_\_\_\_\_ Additional Instructions \_\_\_\_\_

Starting point \_\_\_\_\_

Destination \_\_\_\_\_

Hours \_\_\_\_\_ \*It's helpful if you indicate the section of town you live in.

## Announcements

### CHAMPUS expands coverage

CHAMPUS has expanded its coverage of diagnostic testing and now will pay the cost for whole-body computer tomography scanning, popularly known as a "cat scan." Coverage is retroactive to Oct. 1, 1978, which means that beneficiaries may resubmit previously denied claims for cat scans obtained on or after the date for possible reimbursement. For additional information, contact the CHAMPUS office at Fox Army Hospital, 876-2960.

### Class on building telescopes

An informal presentation in six weekly sessions on how to design and build telescopes begins tonight at 7:30 at the Monte Sano Observatory of the Von Braun Astronomical Society. There is no cost involved. Dan Roberts who has built many types of telescopes will cover mirror grinding and testing, costs, eyepieces, mounting and other topics.

### Dependent dental appointments

Retired personnel and dependents of active duty personnel who have had a dental examination at the Main Dental Clinic within the past six months and are in a standby status may now make appointments on a space available basis by calling 876-5200. Dependents of retired personnel will be seen in emergencies only. Dependents of active duty personnel living outside a 30-mile radius of Redstone Arsenal will not receive examinations or any other routine treatment.

### Safe Boating Week observance

The U.S. Coast Guard will be sponsoring an exposition in observance of National Safe Boating Week June 1-7. Coast Guard representatives will be at Ditto's Landing on the north side of the Tennessee River, east of the Whitesburg Bridge, to discuss boating safety and to offer a free courtesy marine inspection of any boat. During this week, the windows in several Huntsville area stores will be showing displays built around the theme of safe boating. Free U.S. Coast Guard literature will also be available. Further information can be obtained by contacting Katherine M. Harrison at 539-0184.

### AIAA membership drive

The Alabama Section of the American Institute of Aeronautics and Astronautics will open its annual membership drive on Wednesday, June 4 with a special program from 11:30 a.m. to 12:30 p.m. in the Morris Auditorium, Bldg. 4200, Marshall Space Flight Center, and at the Redstone Officers Open Mess from 5:30 p.m. to 6:30 p.m. The featured speaker will be Edward H. Seymour, deputy general manager of the American Institute of Aeronautics and Astronautics. A social event will follow the afternoon meeting.

### Students may visit dental clinics

During the summer the Main Dental Clinic and the Hospital Dental Clinic will be open for visit by high school juniors and seniors who might be interested in a career in dentistry or a related dental field. These students may come into the clinics to observe various aspects of patient treatment and dental clinic operation. Interested students should call Headquarters DENTAC at 876-2530 beforehand to assure that time can be set aside to show each individual around and answer any questions that might arise.

## THE REDSTONE ARSENAL GRADUATE CENTER



## FLORIDA INSTITUTE OF TECHNOLOGY

Announces courses offered for the next quarter. All classes are from 5:00 - 8:00 p.m. in Building 7446. Currently available degree programs are:

- MASTER OF BUSINESS ADMINISTRATION
- Concentration: CONTRACT MANAGEMENT
- LOGISTICS MANAGEMENT
- MASTER OF SCIENCE IN ENGINEERING MANAGEMENT
- MASTER OF SCIENCE IN SYSTEMS MANAGEMENT
- MASTER OF SCIENCE IN CONTRACT AND ACQUISITION MANAGEMENT

Registration is now open for the Summer 1980 Quarter for the following Courses:

COURSE NO. AND TITLE	CLASS BEGINS	CLASS ENDS	CLASS NIGHTS
CM 5018 CONTRACT NEGOTIATIONS & INCENTIVE CONTRACTS	14 JUL 80	22 SEP 80	MON.
CM 5031 PROCUREMENT — THE LEGAL CONCEPTS	14 JUL 80	22 SEP 80	MON.
SY 5049 RELIABILITY THEORY & PRACTICE II	14 JUL 80	22 SEP 80	MON.
SM 5001 MANAGERIAL ACCOUNTING & CONTROL	15 JUL 80	23 SEP 80	TUES.
SM 5006 MANAGERIAL STATISTICS I	15 JUL 80	23 SEP 80	TUES.
SM 5012 SEMINAR IN MGR. ACCOUNTING & CONTROL	15 JUL 80	23 SEP 80	TUES.
SM 5024 MANAGEMENT OF PRODUCTION	15 JUL 80	23 SEP 80	TUES.
SM 5002 FINANCIAL MANAGEMENT & CONTROL	16 JUL 80	24 SEP 80	WED.
SM 5013 BEHAVIORAL SCIENCE & MANAGEMENT	16 JUL 80	24 SEP 80	WED.
CM 5012 PROCUREMENT & CONTRACT MGMT. & ADMIN. II	16 JUL 80	24 SEP 80	WED.
SM 5004 ECONOMIC ENV. OF MGMT. I (MICRO)	17 JUL 80	25 SEP 80	THURS.
SM 5074 INTERNATIONAL LOGISTICS	17 JUL 80	25 SEP 80	THURS.
SM 5090 RESEARCH SEMINAR IN MANAGEMENT	17 JUL 80	25 SEP 80	THURS.
SY 5051 MAINTAINABILITY THEORY & PRACTICE I	17 JUL 80	25 SEP 80	THURS.

Approval has been granted for Veterans Administration tuition assistance for eligible persons. For information contact F.I.T. Resident Director, 876-1581 or visit the Center in Building 7446 Warehouse Road, weekdays between 0900-1630.

## FHA 235 Homes

### GEARED TO YOUR INCOME

You could be the proud owner of a new 3 or 4 bdrm. home. If your income falls between \$11,950 and \$18,650.

You pick out the lot in the Southwest or Northwest. These homes can be financed for under \$2000.00 down & between \$210.00 & \$225 a month. So don't wait.

CALL:

**Joe Wilmer**  
at

**Joe Steele Realty**

883-1200 or nites at home 534-3890

**No Obligations**

**WANTAD RATE** — \$3.00 minimum, per weekly insertion, covering first 25 words. 8 cents per word all over 25 words. Cash with copy, except where open account basis is previously established. 50 cents service charge added for credit. Mail copy with payment to Mrs. Vergie B. Robinson, P. O. Box 5351, Huntsville, Ala., 35805. Deadline is Friday noon, before Wednesday publication.

**1. FOR RENT**

**CONDOMINIUM**  
Destin, Fla., Chateau La Mer. 2 br., 2 bath. Completely furnished. Pool, club house, pvt. beach, lighted tennis cts., restaurant. Sleeps 6. 4 nights min. \$70/day; \$350 wk. Call 895-3483 (K) day or ATHENS 232-2828 tfc

**VACATION - DESTIN, FLA. CHATEAU LAMER**  
Large 1 br. Condominium, completely furnished, private beach, club house, pool, lighted tennis court, shuffle board. 3 nights minimum \$60/day; \$300 a wk. (Apr. and May \$40/day; \$200 a wk). Call Carol for reservations: 883-7390 (eve) & 883-8700 (days). 6-4-p

**DESTIN, FLORIDA**  
Large 1 bdrm. condominium completely equipped. Private beach, lighted tennis courts, and club house. Summer rates. \$300 per week or 60 per day. Minimum 4 days. Bring own food, swimming, tennis, fishing gear. For reservations call days 534-0651 and nights 881-6045. tfc

**FOR RENT**  
Condominium - Seascape Destin, Fla. 2 bdrm, 2 bath, furnished, golf course, 500 yds. to Gulf, 2 restaurants, 2 clubs, 6 tennis, 2 pools. Contact LTC Cornell 205-347-6262; 310 Hollyhill Rd., Enterprise, Al. \$65 D/\$400 Wk. 6-11-p

**FOR RENT**  
"Waterfront Villa. Isla Del Sol, St. Petersburg, FL. 2 br, 2 bath, completely furnished. Pool, club house, lighted tennis courts, golf course, \$250. per wk. Call 883-8861. after 5 on weekdays." 5-28-p

**OWNERS**  
Your rental property deserves a certified manager. TENANTS: We have homes for rent in all areas. Landmark Gallery of Homes, 539-0648. tfc

**FOR SALE**  
Excellent condition. Queen size bed. \$90.00. Double size bed with bookcase type head board, \$90.00. 881-6714 or 876-1579. 1tp

**IKARD ROOFING COMPANY**  
Low rates. Free estimates. Licensed work guaranteed. References. We're proud of our work and you will be too. 536-2053 anytime. 1tp

**3. MISC.**

**CLEANING**  
Put your cleaning problems in good hands with prompt licensed & insured service. For free estimates call — SQUEAKY CLEAN CLEANING SERVICE. Windows are our specialty. 852-2478. tfc

**LOST**  
Red male Cocker Spaniel answers to "Goober". Reward offered for information leading to whereabouts. 837-5689 1tc

**SEWING MACHINE**  
1979 Zig Zag Sewing Machine. Sews on buttons, button holes, monograms. \$38.95. or finance \$5 mo. New Home Sewing. 2418 No. Pky. Ph. 539-8540 tfc

**RARE COINS**  
Silver, sterling & gold items. Buying & selling. Appraisals Ala. coin & Silver, 912 Bob Wallace, 536-0262 or 883-7967

**FOR SALE**  
Herculon couch, chair and love-seat, new, never used \$195. Handmade Dutch Doll quilt, full size \$100, 536-0205 or 534-4787 tfc

● **Stump & Tree Removal** ●  
Landscaping & lawn care by Economy Tree Service. The lowest prices in this area. Free estimates. Call 881-8268 anytime. tfc

**THE HAIR AFFAIR**  
534-5472  
Shampoos & sets ..... \$4  
All haircuts ..... \$4  
Frostings ..... \$15  
Bleaches ..... \$18  
Colors ..... \$12  
Senior citizens discount every day. Walk-ins welcome. tfc  
2416 N. Mem. Parkway, 35810

**PAINTING**  
Interior & exterior. Free estimates. Reasonable rates. 881-5093. 5-28-c

**WANTED!**  
Small Used Cars  
Trucks & Vans  
WE PAY MORE THAN WHOLESALE OR...  
We'll Sell Your Car Truck or Van for a Fee. ● Buyers Waiting  
**Connell Cars**  
1131 N. Pkwy. 533-2728

**BICYCLE REPAIR SERVICE**  
Reasonable rates. Free estimates. Free pick-up & delivery. Expert repair for all makes & models. Call 837-7104. 6-18-p

**CARPET VILLA**  
WHOLESALE PRICES TO EVERYONE!  
Carpets, Vinyl, Fringed Rugs. 3305 Governors Drive, SW Phone 534-2818 Tfc

**IBM** IBM IBM  
Typewriters \$125. Others \$35 Adding Machines \$35.00. Calculators \$75. Ph 881-5510. 1tc

**INVESTORS!**  
Call Virginia for four-plexes, duplexes or residential investment property. 883-4587 or LANDMARK GOH 881-4900 tfc

**ECONOMY PAINTING CO.**  
Paper Hanging & Interior and Exterior Painting. Licensed, bonded, insured. Free decorating service with jobs over \$200.00. Satisfaction guaranteed. "We appreciate your business." Phone 534-6195 or 852-2478. Free estimates. tfc

**FOR SALE**  
New 3-pc Sloppy Joe (western) set includes couch, love seat & rocker. \$225. 536-0205 or 534-4787. tfc

**THE SWAP SHOP**  
211 South Main Fayetteville, Tenn. 615-433-4234  
Beautiful antiques at low prices. Oak ladder back chairs (finished or unfinished) Solid oak tables, new and used furniture & appliances. Call or come by soon tfc

**INVESTMENTS**  
Thinking of starting your Real Estate Investment Program? Want to work with a broker who is trained in finance, taxes, appraisal, law, & who has a list of very satisfied clients now? Call Results RE, 837-5634 — You'll get results too. TFC

**REMODELING & REPAIR ELECTRICAL & PLUMBING GUTTER REPAIR & MAINTENANCE**  
ALL WORK GUARANTEED  
References Provided By Request  
Steve Campbell 828-0997  
Doug Spivey 533-9505

**STREAKED ROOF?**  
We clean 'um from \$35. If we can't clean 'um, You no pay!!  
ECONOMY PAINTING CO.  
Phone 534-6195 tfc

**OUR PRICE TAG**  
Gives us away. Owner wants quick sale on this well maintained 2 bdrm. home with plush new carpeting, inside laundry, covered porch and fenced yard. Under \$20,000.00 S807 LANDMARK Gallery of Homes, Inc. 539-0643 1tc

**4. HOUSES**

**6 ACRES**  
With new 2500 sq. ft. rancher, Hazel Green, 3 king size bdrms, formal dining & living, rec room, fp & more. \$62,500. Call Burt Wright SOUTHER OAKS REALTY 883-8551 5-28-C

**TOP OF THE MOST WANTED LIST.**  
Low VA equity in Montdale. 3 bdrm. brick rancher, 1 1/2 baths. Reward yourself and capture your dream home. Call Vergie Robinson, LANDMARK Gallery of Homes 881-4900 or 883-4587 tfc

**3 ACRES**  
on Stringfield Rd. \$24,500 Call Vergie Robinson 883-4587 Landmark Gallery of Homes, 881-4900 tfc

**WATER FRONT SPECIALISTS**  
Results Realty has the best selection. Call and get your name on our mailing list. 837-5634 tfc

**818 ANDREW JACKSON WAY**  
Small commercial bldg. Carpeted office, show room, counters. Ready for any type business. \$39,500 total price. Call Virginia 883-4587 or 881-4900 Landmark Gallery of Homes. tfc

**THE STUFF DREAMS ARE MADE OF**  
Sunken living room, formal dining, kids rec room, master suite, double car garage, beautiful corner stone fp, plush carpet Oversized sunny country kitchen, soft eye appealing decor. Thermopane windows, magnetic doors, completely energy efficient. Low \$19,000 equity, \$624.30 payments, \$78,500 price. See this home of tomorrow, today. Call Vergie Robinson, LANDMARK Gallery of Homes 881-4900 or 883-4587 tfc

**MUM'S THE WORD**  
If you don't tell anyone, you can be the first to see this fantastic Basement Ranch. 5 bdrms., study, rec room, 3 baths and located smack in the middle of everything at 206 Jones Valley Dr. Priced right at \$70,500. Don't tell anyone but me when you want to see this great home. Call Vergie Robinson. LANDMARK Gallery of Homes 883-4587 or 881-4900 tfc

**ELK RIVER LOTS**  
Nice level lots on Elk River. Approx. 1 acre \$15,000 to \$25,000. Call CHRISTOPHER REALTY, Athens, Al 232-7072

**5. REAL ESTATE**

**IDEAL BUSINESS LOCATION!**  
3 bdrm. home near Bob Wallace & Triana. Zoned C-1. Corner lot with large enough lot for adequate parking. Easily converted for small business. Priced to sell at \$35,000 BW3012 LANDMARK Gallery of Homes, Inc. 859-4660 1tc

**BY OWNER**  
10 ACRES, \$4000  
7 ACRES, \$2500  
18 ACRES, \$6000  
9 ACRES, \$3500  
Near Pulaski TN. Partly wooded nice bldg. sites. Also other tracts for sale. Terms available. Call Pulaski, Tenn. 615-363-5349. tfc

**LOW EQUITY**  
\$3,000 or rent with option to buy! Near arsenal, 3 bdrms., 2 baths, den, living room, new carpet, new paint, huge backyard with garden spot. Within walking distance to schools. Open this Sunday 1-5. Call Kathy Cooper 883-1921 or LANDMARK Gallery of Homes 881-4900 1tc

**LOW EQUITY \$8,000-**  
With \$224 mo. payments. 3 bdrm. brick doll house with new plush carpet, range, butcher block counter top, large fenced backyard. Won't last long. Within walking distance to school. Call now. Kathy Cooper 883-1921 or LANDMARK Gallery of Homes 881-4900 1tc

**WATERFRONT**  
2 bdrm cabin on Smith Lake. Large garage. 130' waterfront. Call Jerry Madison 881-2148 or LANDMARK Gallery of Homes 881-4900 1tc

**STARTER**  
3 bdrms. near Butler High School. Reasonable equity and mo. payments of \$134.00 Call Jerry Madison 881-2148 or LANDMARK Gallery of Homes 881-4900 1tc

**ATTENTION VETERANS!**  
Seller will pay all closing costs and pre-paid items on this 3 bdrm. ranch. Seller will also make all repairs required by VA. Here is a rare chance to get into a nice home without any investment what-so-ever. BS4802. LANDMARK Gallery of Homes, Inc. 859-4660 1tc

**GOOD INVESTMENT PROPERTY**  
6.2 acres with a 32' x 50' bldg. on black top rd., city water, bldg. rented for \$200 p/m. Price \$22,300 call Roy Shavers 837-1472. Scogin Realty 533-0585. tfc

**PURE AIR**  
Pure Pleasure! and 11 acres. Big white farmhouse is comfortable and convenient. Includes 24 x 48 barn, 24 x 120 chicken-house all fenced. Just \$77,500 ES3311 LANDMARK Gallery of Homes, Inc. 859-4660 1tc

**BIG FAMILY**  
Modest price! This home boasts 5 bdrms., over 1800 sq. ft. living area, huge amount of storage, new paint inside, convenient to Arsenal & school. Separate garage/workshop. Central heat/air, country kitchen. A good buy at \$43,300. Call Buster Roberts 539-3953 or LANDMARK Gallery of Homes, Inc. 859-4660 1tc

**RUN - DON'T WALK**  
To the nearest phone for appointment to see this pretty 4 bdrm. home. Den has wood stove in fp, country kitchen with built ins, large patio plus bonus feature - a fully equipped beauty shop. Hurry, it's too good to miss. Low price of \$48,000 Call Bernice Christiansen 883-8628 or LANDMARK Gallery of Homes, Inc. ER-A 1tc

**8. MOTORCYCLES**

**motorcycles NOBODY BEATS US**  
Kawasaki K2100A2 \$2,399.00  
Yamaha XS 110 SG \$3,299.00  
prices plus tax, title, & dealer prep  
Coshatts Kawasaki-Yamaha Alabama's No. 1 Motorcycle Dealership  
1213 Jordan Lane Huntsville, Ala. 837-5760

**NOW OPEN**  
**RAINBOW FARMS**  
**PUBLIC TROUT FISHING**  
BRING THE KIDS — WE FURNISH BAIT & TACKLE  
Rt. 6, Box 339, Athens, AL, Pho. 729-6787  
ICED & BAGGED FREE

RAINBOW FARMS  
1 MI. SOUTH OF GOOD SPRINGS

Open: All Day Mon. thru Sat. Sunday: After Noon Only

**PUBLIC NOTICE**  
**(Low as 4% interest home loans)**  
Announcing 30 new 1980 model homes to be constructed in desired Northwest neighborhoods, in accordance with FHA 265 loan guarantee program, especially tailored for divorced or widowed with dependents, singles with dependents, couples, young marrieds, newlyweds, disabled and handicapped, veterans, active military E3 to E5, retired military, elderly couples, elderly singles over 62, large and small families, engaged to be married, or blood relatives together... if your combined income ranges from \$10450 to \$18650 per year, investigate this offer today.  
Based on 20% of your family's income, your house payments can be as low as \$204.00 per month, plus low taxes and insurance. Down payment \$1200 and builder pays closing costs. (Application maybe made with only \$100 deposit). Your satisfaction is guaranteed or your down payment is refunded in full.  
Whether you are now renting, you are buying, or own a home or lot, we urge you to investigate this home investment opportunity that can save you thousands of dollars in house payments. Inquire for yourself, your friends or relatives, without any obligation. But apply immediately, as supply will be limited. Only \$100 required to apply!  
Apply in person today with \$100 deposit!  
at  
**Landmark Gallery of Homes**  
**North Gallery** 2714 Mastin Lake Rd. 859-4660  
**Central Gallery** 505 Drake Ave. 539-0643  
**South Gallery** 7900 Bailey Cove Rd. — 881-4900

**BATTERIES**  
Reconditioned Batteries  
**\$19.95** exch.  
Exchange & Guaranteed  
New Batteries  
Reasonably Priced  
Top Prices For Junk Batteries  
**Econo Battery Service**  
803 Meridian St., N. PHO. 536-1845

**SALE HICE'S SALE**  
**WHOLESALE AUTO PARTS**  
Save \$20.00 on Alternators

Most Alternators .....	\$27 <sup>95</sup>	Brake Shoes (set of 2) .....	\$5 <sup>95</sup>
On late model GM alternators. . .	\$35 <sup>95</sup>	Disk Pads (set of 2 wheels) . . .	\$6 <sup>95</sup>
Ford Alternators. ....	\$25 <sup>95</sup>	Rotors Turned .....	\$4 <sup>00</sup>

**SPECIAL**

Most Starters. ....	\$25.95
Electronic Modules for Ford. ....	\$45.00
Brake Drums Turned. ....	\$3.00

Open 7 Days a Week: 8-8 Weekdays; 9-6 Sunday  
200 Jordan Lane, NW (Next to Pizza Hut)  
**539-2252**

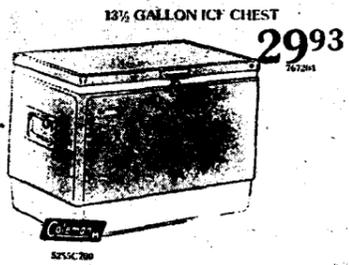
STORE HOURS: 9 A.M. - 8 P.M. - Sun. 1-6  
 Located Jordan Lane between Spartan  
 & Grizzard Rd. (Old 3-Dee Store)  
**837-1964**

# FRED'S Catalog Order Plan

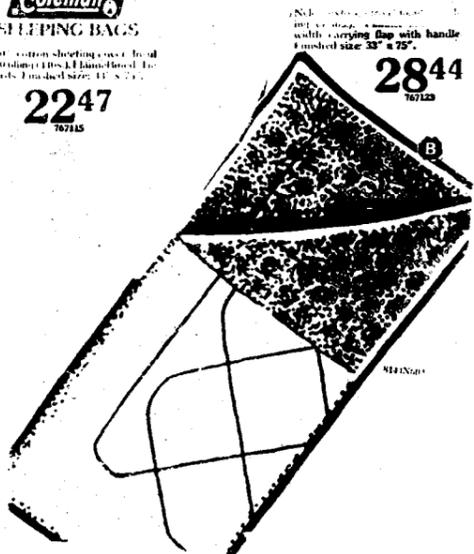
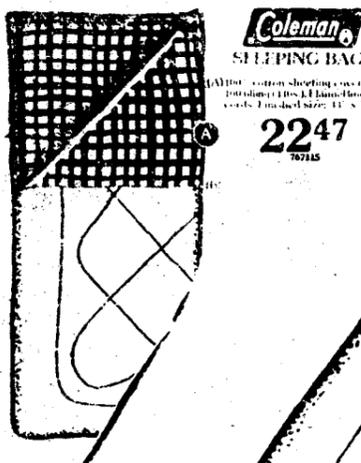
Your Key To Value



**Coleman** CAMPING EQUIPMENT



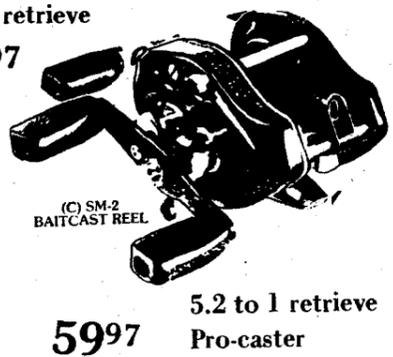
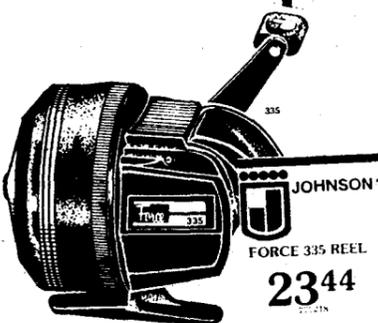
2-BURNER STOVE  
**2315**



**Daiwa** HIGH SPEED REELS  
 (A) 4H CASTING REEL (B) 5HS CASTING REEL

Millionaire  
 5 to 1 retrieve  
**3188**

Millionaire  
 5 to 1 retrieve  
**4997**



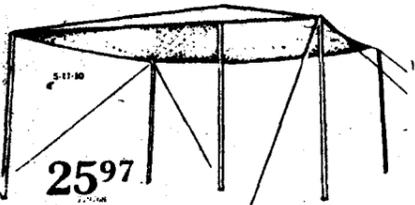
JOHNSON  
 UNI-SPIN FISHING OUTFIT  
**3866**  
 Uni-Spin Reel 6' Fiberglass Rod  
 100 yds. 10 lb. Stren line



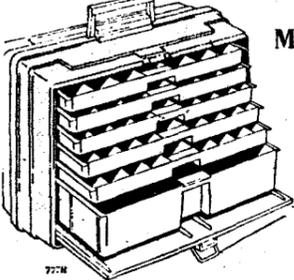
Omega 144 Reel  
 4.1:1 gear ratio  
 5'2" Fiberglass Rod

**TEBCO**  
 ULTRA-LIGHT SPINNING COMBO  
**2997**

**CAMEL** DINING CANOPY



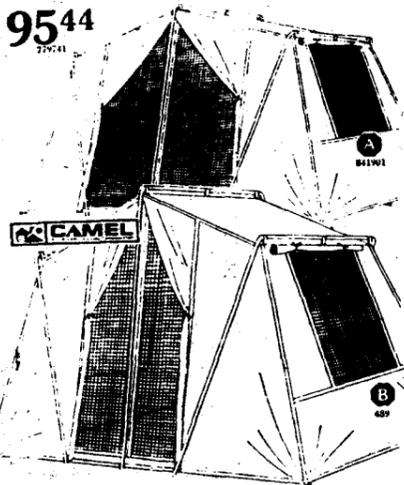
**PLANO** TACKLE BOXES  
 MODEL 777R  
**3628**



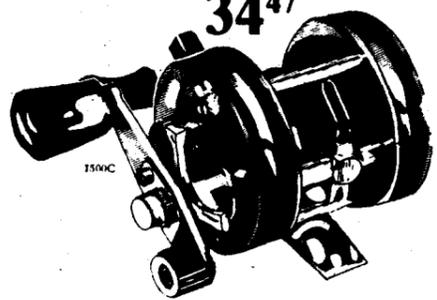
100% Graphite  
 5'2"  
 5'6"

**SKYLINE** CASTING RODS  
 FIBER ROD  
**3897**

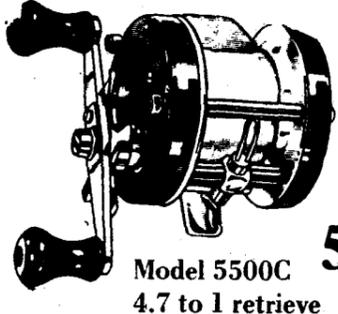
(A) "L. DORADO" 8 X 10 TENT  
**8266**



**Garcia** AMBASSADEUR REELS  
 MODEL 5000  
**3447**



Model 5600C  
**5683**



**MINN KOTA** TROLLING MOTORS



Model 10  
 2 speed  
**3666**

Model 35  
 3 speed  
**6997**

Model 65  
**12248**

21 lbs. Thrust

- The new Spring & Summer COP Catalog offers more variety than ever before at money saving prices.
- Order by phone or in the store at the Catalog Desk.
- Your order will be ready when the store's next shipment arrives.
- ORDER and SAVE
- \*NO FREIGHT
- \*NO HANDLING CHARGES
- \*SAVE 5% SALES TAX