

THE REDSTONE ROCKET

Published in the Interest of the Personnel of Redstone Arsenal

VOL. XIX; NO. 30

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA 35809

DECEMBER 9, 1970

Army Studies Crotale

Army missile experts at Redstone Arsenal are planning to take a close look at a French-developed air defense system called Crotale.

The Army Missile Command has awarded a \$1,420,000 contract to Thomson-CSF Company of Paris, France, to demonstrate the weapon system.

Under the contract, the French will provide data and loan a complete system for U.S. evaluation, together with operators and maintenance personnel who will conduct some performance tests at Redstone Arsenal and later tracking exercises and live firings at Fort Bliss, Texas.

Crotale is a low altitude, forward area air defense system that defends against high performance aircraft. Crotale is the French word for rattlesnake.

Harry F. Vincent, Project Director for the Missile Command's Research and Engineering Directorate, is heading the Crotale evaluation. Jim Jernigan is technical director.

Gen. Vaughan To Make First Visit

Lt. Gen. Woodrow W. Vaughan Thursday will make his first official visit to Redstone Arsenal since he became Deputy Commanding General of the Army Materiel Command.

While here, Gen. Vaughan will meet project managers and top staff officers at the Army Missile Command and he'll receive extensive briefings on missile activities at both the Missile Command and the Safeguard Logistics Command.

Gen. Vaughan will be met at the Huntsville Jetport Thursday afternoon by Maj. Gen. Edwin I. Donley, Commanding General of the Missile Command. That night, he is to attend the annual membership banquet of the Huntsville-Madison County Chamber of Commerce, scheduled for 7 o'clock at the Sheraton Inn.

(See Gen. Vaughan on Page 3)

Bloodmobile Visits Once In December

The Red Cross Bloodmobile will visit the Arsenal only once this month. It is scheduled to be at the Post Service Club between 8:30 a.m. and 3:30 p.m. Monday, Dec. 14.

The extra hour will be used to compensate for the usual two visits and the Birmingham Chapter of the American Red Cross is sending a larger staff of puncture nurses than usual.

The Blood Bank always anticipates a drain during the Holiday Season.



CHRISTMAS GREETINGS TO ALL—Deborah Pinkston, left, and Jeanne Amaral of the National Maintenance Point in the Army Missile Command Supply and Maintenance Directorate, put greetings from people in their organization on one of the first Christmas trees to go up on Redstone. Instead of sending cards to each other this year, each person is bringing a card to put on the tree for all to share.

Adm. Moorer Sets Area Speech

The Chairman of the Joint Chiefs of Staff, Admiral Thomas H. Moorer, will speak at the annual membership banquet of the Huntsville-Madison County Chamber of Commerce Thursday.

Admiral Moorer is scheduled to fly in from Washington Thursday afternoon, make his address at the banquet which begins at 7 p.m. in

the Sheraton Inn and depart immediately afterward to return to Washington. The admiral will be introduced by Senator John Sparkman.

Other highlights of the banquet will include announcement of the recipient of the Chamber's Huntsville's Distinguished (See Adm. Moorer on Page 3)

Army Developing Fire Control Unit

A single system that will perform all missions in air defense missile fire control and coordination at overseas locations is being developed for the Army Missile Command.

Litton Systems, Inc. has been awarded an \$8,518,000 contract to develop, manufacture and test a prototype of the new system called the AN-TSQ-73. It will detect, track, identify and evaluate approaching enemy missiles and

aircraft, and control firing units to counter the threat—all in a matter of seconds.

It will replace an earlier version known as the Missile Monitor.

So completely automatic is the system that once a threatening target is identified, the system electronically selects the missile firing unit having the highest kill probability.

By making maximum use of microelectronic integrated circuits, the entire system is compact enough to be housed in a single field Army helihut. It will weigh about 9600 pounds, exclusive of prime power and communications gear.

The basic battalion level system will consist of a high speed general purpose computer, two general purpose operator consoles, a unique electronically driven status board display, and the necessary communications and radar interface equipment.

Greater reliability will result from the use of miniaturized and redundant circuit hardware to assure a minimum of 600 hours mean time between failures. Maintenance will be easier as the new system is being designed to make maximum use of automatic fault isolation techniques and subsequent discard of components on failure. Repair is to be made by plug-in modules with ap-

(See Fire Control on Page 3)

Gen. Burnell Heads Corps Of Engineers

Brig. Gen. Bates C. Burnell succeeds Maj. Gen. Robert P. Young as the Division Engineer, Huntsville Division Army Corps of Engineers. He took command Nov. 30.

Gen. Burnell has served as Deputy Division Engineer since March 1969 when he returned from Vietnam.

Gen. Young activated the Division in October 1967. He has been reassigned to the Military Assistance Command in Vietnam.

The Huntsville Division is charged with the design and construction of facilities for the Safeguard Ballistic Missile System and is currently designing and constructing sites near Grand Forks, N. D. and Great Falls, Mont. It will soon begin construction near Sedalia, Mo., and is selecting a site near Cheyenne, Wyo.



EQUAL EMPLOYMENT INSTITUTE—J.T. Temple, left Special Assistant for Equal Opportunity at the Army Missile Command and Mrs. Elizabeth Sergent, Employment Development Specialist Lexington-Bluegrass Army Depot, listen as Thurmond W. Briley, EEO Officer from Red River Arsenal, discusses employer attitudes. The Missile Command hosted the AMC Equal Employment Opportunity Institute recently and approximately 41 representatives from 13 different depots, arsenals and organizations, attended. Conferrees were welcomed by Maj. Gen. Edwin I. Donley, Commanding General, Army Missile Command.

Let Us Know How You Help

Redstone Arsenal personnel in the past have been generous to persons less fortunate than they, especially at Christmas time. Numerous organizational elements, some large and some small, select needy families to shower with gifts.

The Rocket is pleased to publicize these activities but needs your help. It is unable to report on these projects singly but a roundup story on such activities is planned for the December 23 edition of The Rocket.

If your organization is undertaking such a project this year, won't you report it to us? Brief facts such as the name of the organization, number of families (names not desired) to whom gifts are being provided, general circumstances and need will be enough.

This information should be mailed to reach The Redstone Rocket, Information Office, Army Missile Command (AMSML-G) prior to COB, Friday, Dec. 18.

The Redstone Rocket is published 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.

The Redstone Rocket

The Redstone 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 therefor are received by Mrs. Vergie Robinson, P.O. Box 346, Huntsville, Ala., 35804, telephone 534-4701, as representative of the publisher. Advertising deadline—both display and wanteds—is 10 a.m. Monday before publication.

The Redstone Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates off post for the Rocket are \$7.42 a year, or \$4.00 for six months, tax included. Mailing arrangements may be made with the publisher, P.O. Box 520, Huntsville, Ala. 35840.

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.

Rocket Ruminations

Don't think to hunt two hares with one dog.

-Franklin

In-Process Review Improves Quality

The Army Missile Command has taken one significant step—and is planning more—to improve the way missile-program reviews are conducted.

In-Process Review, or IPR, is a meeting which brings together representatives of all Army agencies concerned with a missile program, to assess the program's progress and make decisions about its future.

IPR's have been held for years, but a new procedure was born this year under the aegis of PROMAP-70, the Army's major effort to improve the way hardware is bought. The new plan provides for improvement in the quality of the review and the content of matters discussed.



It also requires that voting members come to the meeting with their agency's positions, and with the authority to make compromises so they will be able to approve and sign the minutes at the conclusion of the review.

Formerly, voting members—who came from the Army Materiel Command, the Army Combat Developments Command, the Continental Army Command and the Army Logistics Doctrine Systems and Readiness Agency—collected the minutes at the end of the IPR and took them to their home bases for further review and approval.

The result was a time lag that could run to 60 days or more before

Department of the Army approval was received.

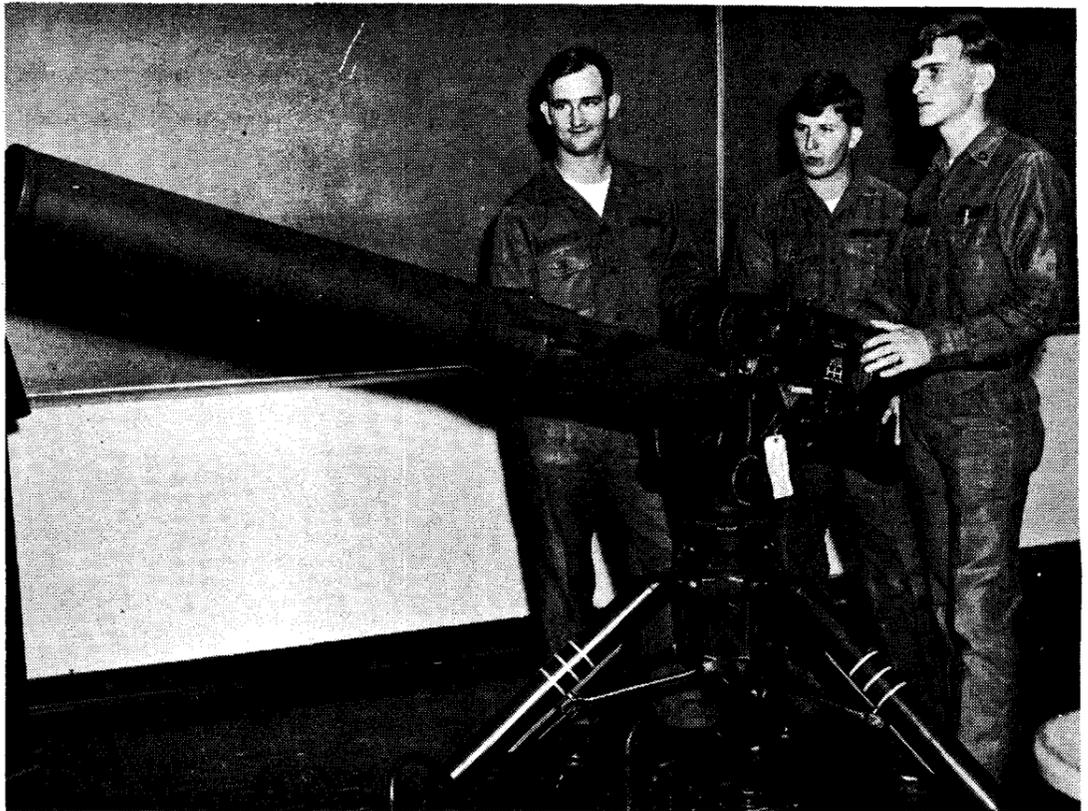
The Missile Command's first step was taken during the Lance program review this past Fall. The Lance review had been planned like those held in the past, but switched to the new guidelines which arrived in time for application to part of the proceedings.

"At the conclusion of the Lance IPR, the Office of the Chief of Research and Development representative returned to Washington with the agreed upon and signed minutes. Department of Army approval was received 22 days later. That's a drastic improvement over previously held IPR's," Gregory S. Moshkoff, the task director for this particular PROMAP-70 effort, said. Moshkoff is the chief engineer for the Missile Command's Research and Engineering Directorate.

In order to establish the new procedure for IPR's, an Army Materiel Command regulation was drastically overhauled. The Missile Command, along with other sub-commands, contributed information on how IPR's had been conducted in the past at various installations. Also, the Missile Command made some recommendations for improving the contents of IPR's which are reflected in the resulting procedure.

The new regulations shortens the time for overall review, including a goal of 14 days for Department of Army approval after the formal IPR is completed.

The Missile Command is now scheduling IPR's for the Improved Hawk, Dragon, AN-TSQ-73 and a future system being contemplated for the field Army. According to Moshkoff, everything is going like clockwork during the planning stages for these reviews.



"TOW ON THE GO"—These Alabama specialists are among the first TOW missile maintenance graduates at the U.S. Army Missile and Munitions Center and School. From left to right are Jimmy Coggins, Hanceville, Ala., Harper Rape, Wilsonville, Ala., and James Hendrix from Hanceville.

First TOW Class Eager To Assume Field Duties

"TOW is on the go" at the United States Army Missile and Munitions Center and School (MMCS) as the school's first TOW missile maintenance class graduated Friday, December 4th.

Members of this eleven man class will be assigned to Land Combat Support units all over the world trained and equipped to perform maintenance in the areas of optics, infrared, mechanics, and electronics on the TOW weapon system.

In the Army's arsenal, TOW is replacing the 160mm, recoilless rifle as well as ENTAC and S-11 missiles. Capable of being fired from a ground emplacement or mounted on a variety of vehicles, TOW can reach out more than a mile to destroy any known enemy armor or knock out field fortifications.

TOW is the first Army missile to be completely produced and fired in the Huntsville community. The Chrysler-produced missiles were also tested at Redstone Arsenal.

TOW is an abbreviation for Tube-launched, Optically-tracked, Wire command-link guided missile. In other words, all the gunner has to do is keep the cross-hairs of his sight mechanism on the target and, barring a mechanical mishap, he will score a "hit" every time.

So, TOW is the simple machine. Right? —Wrong!

TOW is a highly complicated missile system with extremely complex micro-miniaturized and sophisticated circuitry that is simple to operate but difficult to repair—that is unless you have been trained at the Missile and Munitions Center and School.

The MMCS TOW Missile repairmen are the product of 17 rugged weeks of highly technical training. TOW graduates have to be competent in optics, electronics, infrared guidance systems, mechanical vehicle mounts, and computer logic.

"We are the complete electronic-mechanical man," said PFC Robert Marsh, the class honor graduate who has maintained a 98.5% academic average.

"We feel confident in our ability to repair and maintain this weapon," he added. All the class graduates were "favorably pleased" at the high quality of instruction they received in the TOW training department.

"Working with above average personnel helps tremendously," said SFC Richard LaPlume, the senior enlisted man in TOW's training department. "PFC Marsh, for instance, has earned his BA in Business Administration."

SFC LaPlume explained TOW is the product of a new technique for course development known as Systems Engineering. This technique allows instructors to man-

ually analyze tasks, skills, and knowledge and "systematically" place in sequence a program whereby every necessary phase of instruction is completed.

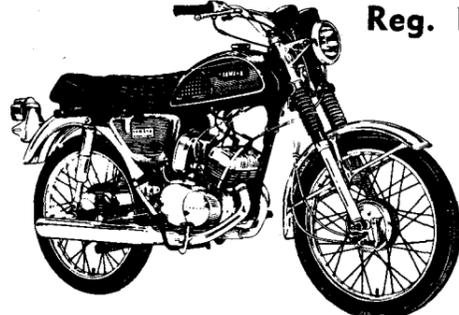
The TOW missile itself is a "certified round." In other words, no in-the-field maintenance is performed on this part of the missile system. MMCS maintenance personnel will be concerned with the traversing unit, optical site, launch tube, and ground package, the electronic "heart" of this weapon. In addition, MMCS graduates will be responsible for maintaining equipment.

Now that TOW is officially "on the go", a TOW Missile Maintenance class will graduate every five weeks. Some of these graduates will return to MMCS from Land Combat Support units all over the world, and apply the practical knowledge of field experience to the TOW course at Redstone Arsenal.

TOW is just the beginning of a new series of weapons at the Missile and Munitions Center and School. Dragon, a similar wire guided missile designed to replace the Army's 90mm recoilless rifle, is just around the corner. Dragon missile maintenance instruction will be incorporated into the current TOW curriculum.

Veterans totally and permanently disabled by a service-connected disability are now entitled to direct loans for specially constructed housing anywhere in the country.

Banks in the United States process 20 billion checks a year.



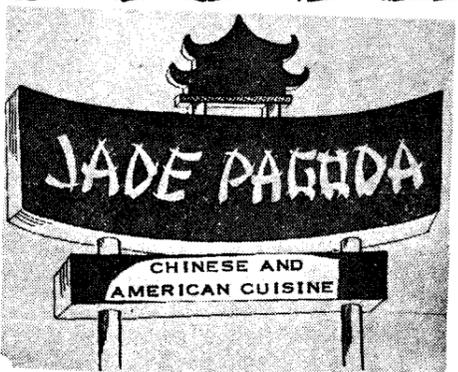
Reg. Price
\$469.95

Sale Price
\$359.

CYCLE WORLD

600 Clinton Street

Open Until 8:00 p.m. Until Christmas



JADE PAGODA

CHINESE AND AMERICAN CUISINE

FINEST CHINESE FOOD

WE ALSO SERVE AMERICAN FOOD

PHONE — 539-6493

For Reservations and Orders to Take Out

NOW OPEN

2505 S. MEMORIAL PARKWAY
(Formerly Longhorn Steak House)
Next to 1st National Bank

LUNCHEON SPECIALS
11 A.M. — 3 P.M.

HOURS:
Sun. Thru Thurs.
11 AM — 11 PM
Fri. and Sat.
11 AM To Midnight

Low-Rate Standbys, Reservations Offered to Military at Christmas

WASHINGTON (AFPS) — Military men and women homeward bound during the Christmas-New Year season will find one important exception to the normal military standby and reservation travel.

This year, major airlines will not add "blackout" days which limit the periods when military personnel can take advantage of lower fares.

"The major airlines will continue to offer the services they have offered during the year," said one official of the Military Traffic Management and Terminal Service (MTMTS), a Defense Department agency responsible for monitoring holiday travel.

MTMTS has urged rail, bus and air carriers to act early to coordinate their scheduling to meet the holiday travel demands. Also, holiday release dates for military people are expected to be synchronized with anticipated travel periods, officials said.

To be eligible for reduced fares, servicemen and women must be: on active duty, on leave or pass, traveling at their

own expense and in uniform. Service personnel must also have a DD Form 1580 if they are traveling by air.

Current fares and travel restrictions:

RAIL

Railroads offer a reduction of about 25 per cent on one-way and round-trip fares. The lower fares are available on a year-round basis with no weekend or holiday restrictions.

WHEEL ALIGNMENT
\$5.88

(With This Ad)
(Reg. \$7.50 Value)
Fast Service - Expert Wheel Mechanic
All Work Fully Guaranteed
Tom Sharp Tire Service
2714 Clinton Ave. W.
DIAL 539-3482
Open 8:00 a.m. to 5:30 p.m.
6 DAYS A WEEK

WHOLESALE TO THE PUBLIC

Save Up To \$200 On A Clean Used Car

- 1967 FORD \$1580.00
LTD, 2-dr. hardtop, air, power, vinyl top, new tires, only 30,000 actual miles. Like new condition!
- 1963 VOLVO \$650.00
Two to choose from. A1 condition.
- 1967 OLDS \$1950.00
Toronado, fully equipped, including air, power windows, seats and stereo. This is an outstanding buy.
- 1969 BUICK \$3450.00
Electra, Custom 4 door hardtop, power, air, power seats, good tires, extra sharp.
- 1965 MUSTANG \$850.00
8 cyl., auto. A nice little car.
- 1965 COMET \$780.00
4-dr., V8, automatic, extra clean, local car in unusually good condition. A real buy.

OPEN: Monday-Thursday 8 A.M. to 6 P.M.
Open Saturday . . . Closed Friday

HUNTSVILLE Auto Dealers Auction
117 JORDAN LANE PHONES 837-4101-837-4595

HOLIDAY HOURS AT ROCKET NURSERY
The Rocket Nursery will close its doors at 6 p.m. Christmas Eve and stay closed on Christmas Day.
On New Years Day it will be a different story. Reservations will begin Dec. 15 for New Years Eve when the Nursery will not close until 4 a.m. It will reopen at 9:30 a.m. and stay open until 4 p.m. New Years Day.
Anyone who makes a reservation and finds he cannot use it must cancel by Dec. 29 or pay a fine.

TOW Contract Signed

An Army Missile Command contract for \$12.1 million has been awarded to Hughes Aircraft Company for additional quantities of TOW anti-tank missiles.

Most of the work will be done at Culver City, Calif., and Tucson, Ariz.

TOW is the Army's newest missile system that can destroy any known enemy armor or knock out field fortifications.

The program is managed by the Missile Command at Redstone Arsenal, Ala., under Lt. Col. Robert W. Huntzinger, Project Manager. Hughes Aircraft is prime contractor.

The Missile Command's Procurement and Production Directorate negotiated the contract for the Army.

FLORENCE TOUR

The Service Club tour Dec. 12 will be a sightseeing trip to Florence, Ala.

First stop will be a visit to Pope's Tavern, once a stage stop and later a Confederate Hospital.

Music buffs will enjoy the restored birthplace of W.C. Handy, "Father of the Blues". Enshrined there are the first cornet and many manuscripts and mementoes given by Handys daughter. Two of Handy's hit blues songs are "Memphis Blues", his first, and "The St Louis Blues".

The bus will leave the Service Club at 11 a.m.

Adm. Moorer

(Continued from Page 1)
Citizen's Award" a report by Ray Pearman, chamber president, and a report of the election committee and naming of officers for the coming year.

A native Alabamian, Admiral Moorer was born in Mount Willing and graduated from Cloverdale High School in Montgomery.

He was serving as a naval aviator at Pearl Harbor when the attack on that installation brought the United States into World War II. Later he was shot down in a naval patrol plane off the coast of Australia and rescued by a ship that was sunk by enemy action the same day.

He was commanding the NATO Allied Command, Atlantic, and the U.S. Atlantic Fleet when major United States forces were committed to the war in Vietnam end on June 3, 1967, was named by President Johnson to succeed Admiral David L. McDonald as Chief of Naval Operations.

Reappointed by President Nixon, Admiral Moorer was nominated by him in April to become the nation's ranking military leader and assumed the office of Chairman of the Joint Chiefs in July.

Fire Control

(Continued From Page 1)
proximately a nine month supply carried on board.
Cost savings will be realized since the repair-by-replacement requirement drastically reduces the need for direct and general support, shortens training time for maintenance personnel as fewer skills are required, and maximum use of a limited number of different circuit modules reduces the cost of providing spare parts.

The system is managed by the Missile Command Air Defense Control and Targets Product Office headed by LTC R.P. Loshbough.

LOCAL & LONG DISTANCE MOVING • STORAGE



"A Mayflower Move Is A Good Move"
Call 534-2445
WHITE-MAYFLOWER

SPORTS CAR HEADQUARTERS

Royal Motors, Inc.

Cor. Whitesburg & Governors Drive

SPORTS CARS UNDER \$3,000

- 1964 PORSCHE
- 1965 CORVETTE
- 1969 TR6

SPORTS CARS UNDER \$2,000

- 1969 DATSUN 2000
- 1963 CORVETTE
- 1966 CHEVELLE SS 396

SPORTS CARS UNDER \$1,000

- AUSTIN HEALEY 3000
- M.G.B.
- DODGE DART GT V8

Call Paul or Bob — 536-6301

SPORTS CAR HEADQUARTERS

15 - 1970 PLYMOUTH

Fully Equipped

Unbelievably Low Prices

SAVE \$ \$ \$

LEE-BENTLEY

CHRYSLER, PLYMOUTH, IMPERIAL, VALIANT

"Service At Its Best—Depend On It"

PHONE 536-6641

OPEN EVENINGS

NCO Ball Reservations Available Today Only

There are just a few more hours that reserved tables will be available for the second Annual Military Ball to be held at the Noncommissioned Officers Club, Saturday.

The formal event will begin at 6 p.m. and the formal ceremony at 7 p.m. After the ceremonies there will be dancing until closing time with the 55th U.S. Army Dance Band providing music.

Reservations may be made in person at the Master at Arms desk at the NCO Open Mess. The club will take reservations until closing time tonight. Tickets may also be obtained at the MA desk.

The planning committee for the ball announced at its latest meeting that military personnel

may invite civilian guests to the ball.

The formal ceremony will begin with a Grand March which is taking the place of the traditional receiving line. After the march the colors will be posted by the Color Guard from the Army Missile Command. Continuing the formal ceremony, toasts will be rendered to the President, the Colors and to our fallen comrades. Toasts will be given by representatives from School Brigade, the Missile Command and the Unit Training Command.

After a dinner of Steamship round, the queen of the ball will be crowned and the traditional cake will be cut. The official Army song will conclude the ceremonies after

AUSA Lunch Set Today

The women's division of the Production and Procurement and Supply and Maintenance Directorates U.S. Army Association membership drive will lunch at the NCO Open Mess today, beginning at 11:30 a.m. to introduce prospective members to the workings of the association and view "Far out fashions for men."

Paul Schaeppi, head of the 1970 membership drive for AUSA, and

which Command Sgt. Maj. Charles Havner, host for the affair, will lead the dancing.

Dress is formal. Dress blues or Army greens with white shirt and bow tie is the prescribed dress for active duty military personnel. Retired personnel may wear the appropriate uniform or formal attire. The ladies will dress formally.

Queen of the ball is being selected by the NCO Wives Club and will be a Gold Star Wife living in the Huntsville-Redstone area.

Josephine Smith, head of the women's division, will speak as will Lt. Col. K.W. Gooch. Col. Gooch is slated to leave soon and is taking this opportunity to represent the Supply and Main-

tenance Directorate in the drive and to use this forum to say goodbye to those with whom he has been associated as Chief of the National Inventory Maintenance Point.

Announcing The Opening Of Fashion Shoppe

FAMOUS BRANDS
Girls and Ladies Fashions
Beautiful Selection Pant Dresses & Suits

— ALSO —

Men's and Boys' Wear

FASHION SHOPPE

NEXT TO IGA
MADISON HIGHLANDS SHOPPING CENTER
MADISON PIKE — MADISON, ALA.

OPEN 9 A.M. TO 7:30 MON.-SAT.

OPEN SUNDAY 1 TO 5 P.M.

FRED SINGLETON, MANAGER
PHONE 772-9810



WRAP UP YOUR SHOPPING AT

Town & Country
SHOPPE

119 North Side Square
'Downtown'

Member State & First
National Charge

Open Thurs. 'Til 8 p.m.
Free Downtown Park



THE TIE RACK . . . The Mall

ALL TIES
\$2.00 & \$3.50
Boxed Free

Many Other Christmas Items

Holiday

Greetings

Located At
HOLIDAY
PLAZA
SHOPPING
CENTER
Phone
539-9091



Located At
HOLIDAY
PLAZA
SHOPPING
CENTER
Phone
539-9091



SIGN LETTER TO HANOI—Some of the wives of officers in the Army Safeguard Logistics Command got together last week to sign copies of a letter, in Vietnamese, to the President, Democratic Republic of Vietnam, Hanoi, urging release of U.S. servicemen held as prisoners of war. Let to right are Mrs. Richard Gay, Mrs. Hector Armenta, Mrs. Robert Vereen, Mrs. Orlando Ortiz, Mrs. Stephen Rutz, Mrs. Monroe Kirkpatrick, Mrs. Cecil Hospelhorn and Mrs. William Roberts. The group met in the home of Mrs. Ortiz.

Coffee Break Offer Stands

Approximately 15,000 restaurants across the country and almost all on major toll roads will again offer motorists a "free" coffee break during the peak traffic periods of the Christmas and New Year's holidays, according to an announcement from the Director of Safety, Office Deputy Chief of Staff for Personnel, Department of the Army.

The free coffee serves as the incentive to get drivers to stop often for rest periods to offset fatigue and related hazards. Participating restaurants will post a large red octagonal "free coffee" sign.

It's part of a national accident prevention effort known as the National Coffee Safety Stop Program. Cooperating in the program are Safety Directors of the Armed Services, the International Association of Chiefs of Police, the International Bridge, Tunnel and Turnpike Association, the American Association of Motor Vehicle Administrators, the National Restaurant Association and the National Coffee Association. Secretary of Transportation John Volpe is honorary chairman of the program.

Long distance driving... especially the kind traditionally done by service men and women on holiday



THREE IN A ROW!—Capt. Ulysses C. Jones (seated) of the 291st Military Police Co. at Redstone Arsenal signs the re-enlistment papers of SSG Clarence S. Wiblin (right) while Army Missile Command Career Counselor SSG Carl Gentry smiles approvingly. Wiblin, who enlisted for six years, is the third man in a week to be re-enlisted by Capt. Jones.

leave... can bring on fatigue and drowsiness, hazards which safety experts say are leading causes of accidents. That's one reason traffic fatalities on holiday weekends average 25 percent higher than during comparable non-holiday periods.

QUALITY MEETING
The American Society for Quality Control will meet at PPG Industries at 7:15 p.m. Dec. 17 to hear W. Fischer made a presentation and tour the plant. Reservations are being handled by Laurie Atkinson, 876-4052.

Drive Defensively

Gifts . . .
Milady Will Love
From
Personality
Shoppe
Whitesburg Shopping Center
Use Your Charge Cards

FOR THE HOLIDAYS —
You IN A
NEW HAIRDO

For Appointment
Phone 534-4551

Quick's
Beauty
Salon

117 Green Street (Downtown)

Tourway Inn
of HUNTSVILLE

PRESENTS
G. I. Special
Must Present I. D. Card
3 DAYS 2 NIGHTS
CHECK IN AFTER 1300
FRIDAY, CHECK OUT
BY 1700 HRS. SUNDAY.

1 Room — 1 Double Bed TOTAL \$12.72
1 Room — 2 Double Beds TOTAL \$16.96

COLOR T.V. IN SOME ROOMS.

VISIT "SARGE" IN OUR RESTAURANT.
OPEN FROM 6 A.M. TO 11:00 P.M.
MIDNIGHT ON SAT. NIGHT
RESTAURANT MANAGER
1-SGT. BULLARD, Retired

BABS' UP TO 60% OFF
Special Christmas Rack

Be Sure to Shop BABS' for a Most Outstanding selection of beautiful pant suits.

NAME BRANDS—MODERATELY PRICED

Hurry for Best Selection
Bab's Open til 9 p.m.

BABS'
The Casual Shop of Huntsville
CORNER OF BOB WALLACE
AND JORDAN LANE 539-5393

Be Sure to Shop BABS'
Holiday Plaza Shopping Center

During This Special Sale!
Master Charge — First Charge — State
and BankAmericard
Phone 539-5393

Open Deer Season Meets Hunters Approval

Thirty-Two Deer Felled Halfway Through Season

Arsenal gun and bow hunters have already taken 32 deer, 28 bucks and four does, and the season still has a month to go before the finale on Jan. 11.

With Redstone Arsenal and a part of the Wheeler Wildlife Refuge open to public deer hunting on specified days for the first time, Redstone personnel conducting the hunts reported favorable comments by both military and civilian hunters.

According to the Deputy Game Warden's office 120 civilians and 42 military personnel were on hand for the public bow hunt on November 7 and 8.

Bow hunters have accounted for all of the does and 2 bucks. Civilian archers gave a good account of themselves with Tim Jernigan bagging a 40 lb doe; William Adkins, a 93 lb doe; Martin Hirsch, a 80 lb doe; and Edwin Brewer, a two point buck weighing 125 lbs.

Military archers claimed two kills; CPT. Warren Hodge, a 76 lb doe, and SFC Ray Fichtner, a two point buck at 120 lbs.

The Public Gun Hunt on November 26 and 28, drew 191 civilian and 95 military hunters with 12 deer killed. Eight deer were killed by military hunters and four by the visiting civilians.

The largest deer killed thus far was taken by William Jones, CWO, (Ret), a 10 point buck weighing 203 lbs. Other kills during the public hunt were: SSG Raymond Fundenbury, spike buck, 86 lbs.; SSG Roy Glover, spike buck, 94 lbs.; SFC John Meilbeck, 6 point buck, 124 lbs.; SFC Kenneth Roeske, 8 point, 140 lbs.; SFC Jesse Hawthorne, 3 point buck, 100 lbs.; SFC Ray Fichtner, 6 point buck, 130 lbs.; Frank Bell, (Ret) 4 point buck, 88 lbs.; Kenneth L. Rogers, 8 point buck, 140 lbs.; Franklin

Johnson, 8 point buck, 150 lbs.; K. F. McFarlen, 6 point buck, 141 lbs.; and G. J. Hutcheson, spike buck, 58 lbs.

Hunters accounted for nine deer during the November 14-15 period as follows: Leslie Heath, (ret.), 5 point buck, 115 lbs.; Victor Reed (ret), 6 point buck, 155 lbs.; SFC Ray Fichtner, 3 point buck, 91 lbs.; E. J. Barton, 8 point buck, 174 lbs.; Max Ingram, 5 point buck, 101 lbs.; Vernon Schroeder, 6 point buck, 155 lbs.; SSG Arnold DeGeorge, 9 point buck, 165 lbs.; Mike McCoy, 6 point buck, 114 lbs.; and LCDR James McCall, USN, 8 point buck, 184 lbs.

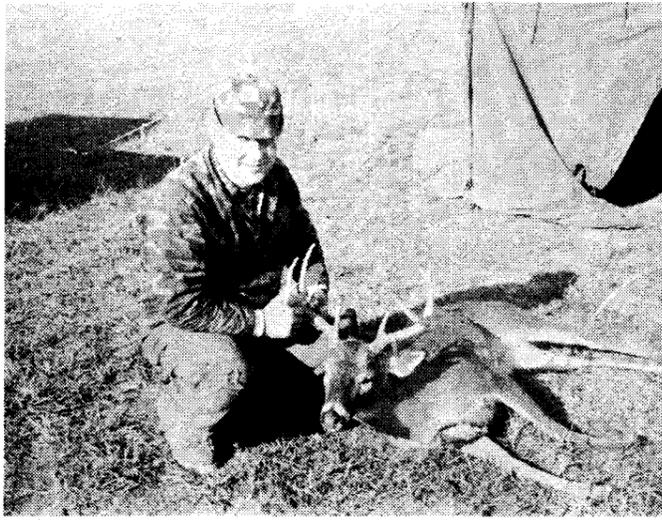
This past weekend SFC Ray Fichtner got his fourth deer of the season, and an 8 point buck, 152 lbs., and SSG James Deen downed a 4 point buck, 114 lbs.

Billy Tapscott hunted both days getting a 6 point, 134 lb. buck on Dec. 5 and an 8 point 150 lb. buck on Dec. 6.

Commenting on the hunts, SFC John Levan, deputy game warden said, "The hunters were successful because they could move through the area and locate the deer. With part of the refuge open, the deer did not have as many places to hide."

SGT Levan felt that the number of hunters who attended these hunts was somewhat lower than the number that could be accommodated and he attributed this situation to the holiday season. All comments made to the officials handling the hunt arrangements were favorable.

SGT Levan expects a larger turnout for the Public Gun Deer Hunts on Dec. 12, 19 and 20, and for the Public Bow Deer Hunts on Jan. 9, 10 and 11.



SUPER HUNTER?—SFC Ray Fichtner, 7th ETC, can claim the title of "Super Hunter" because he has already bagged four deer on The Arsenal and the season still has a month to go. Fichtner is versatile too . . . his first deer was a 2 point buck, 120 lbs. and he shot it with a bow and arrow. The other three, a 6 point buck, 130 lbs.; 3 point buck, 91 lbs. and the 8 point, 152 lb buck he is shown with that was shot this past weekend.

Dragon Golfers Ruled By Jones

Charley Jones was only a single stroke better than Max Massengill but that was all it took in giving him the championship of the annual Dragon Project Office golf tournament staged during November at the Huntsville



JONES—MASSENGILL

Municipal golf course. Sixteen Project Office golfers competed in the match play event with Jones and Massengill earning the right to meet in the finals. The two battled down to the wire with Jones sinking a 20-foot birdie putt on the final hole to capture the crown.

away from the Pinspotters. Faust and Finstermacher were pitted against one another in the latter match with the handicap leader getting the nod over Faust and his mate, Gil Vitale who contributed 547 maples to the losing cause.

Chris Leachman and Jerry Cutcher set the pace for the Bushwackers with 533 and 528 respectively while Clay Bales upended 548 sticks and Ollie Graves added 530 more for the Grocers. Reba's followed the lead of Carl Black (554) and C.O. Barnes (530) for their win with Kimo Namau hit for 533 for the Pins.

Jokers Shave DeVault Lead

The Jokers may have been having their troubles in recent AMC Civilian Welfare bowling action, but last week the joke was on the front-running DeVaults who "squeezed through with a split.

After dropping the first two games by narrow margins, the Jokers came back to turn the third game into a two-point win to get an even split on the evening.

The two-point loss enabled the Tigers and Sheraton fives to move within three lengths of the lead. Each won three out of four from the Raiders and Rejectors, respectively.

The DeVaults got a 559 from Bob Brand while Jack Nelson passed the double-century mark twice in totaling 565 to give the Motel keepers their margin.

The Bombers scored the only sweep of the evening, taking the Bandits for all four while the Wonners and the Metro Cals fought to a standstill.

Tom Smith turned in a 554 card and Hugh Porterfield chipped in with a 532 for the Bombers.

The individual race was a two-man duel with Chuck Turner edging Joe Powell by three sticks, 575 to 572.

Turner has a 219 as the Cobras took three of four from the T-Birds and Powell unloosed his second better than 250 of the year, a 258 single.

That game enabled the Tow Boys to post a big 1071 and go on to a three out of four win from the Sprinters.

The other match saw the All-Sports get back in stride with a 3 to 1 win over the Alley Cats as Lee Keim blasted a 558.

Reba Bowlers Hear S&M Lead

S&M League bowlers drew a pair of F's for their efforts last week with Bob Faust and Mike Fenstermacher claiming the individual honors.

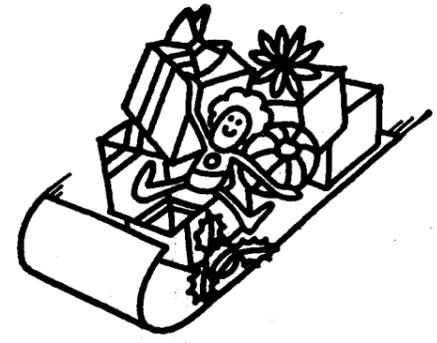
Faust turned in the best actual card with a 572 run that included a rousing 253 single game while Fenstermacher outdistanced the field with a handicapped total of 662 to grab off the Bowler of the Week acclaim.

On the team front the Bushwackers held off a challenge by the Reba Bowling Apparel five by a single point to stay ahead of the pack. The Wackers won three out of four from U-Tote-Um while the on-rising Reba's took all four points from the King Pins.

MID slipped to third in losing three out of four to the Auto Center and Lot-O-Pins took three of four



DRILL TEAM TO PERFORM—Members of the Redstone Saddle Club Youth Drill Team will give a demonstration of formation riding at 1:30 p.m., Dec. 13 at the field adjoining the Saddle Clubhouse on Patten Road near the intersection of Bob Wallace. Exhibition riding and jumping will be included in the program. The Public is invited. The drill team, directed by Mrs. James T. Haynes and Mrs. James H. Walker, is composed of dependents of active duty and retired personnel.



Need extra holiday cash? See HFC

Need cash for a holiday leave . . . or to buy gifts for the folks at home? At HFC we understand service people's needs and we'll be glad to help . . . on your choice of convenient repayment terms. Come in now to the company where hundreds of thousands of service people borrow with confidence—HFC.

Need up to \$2000?

Loans up to \$300 made under State Supervision

HOUSEHOLD FINANCE 

706 Heart of Huntsville Shopping Ctr.
PHONE: 539-2495

1001-2D Memorial Parkway, N.W.
PHONE: 534-2404

TYPEWRITERS TYPEWRITERS

Typewriters, Typewriters, Typewriters Student Specials

Approx 1700 Manual Machines \$29.00 up
Approx. 360 Electric Machines \$89.00 up
All Machines must be sold. No reasonable offer refused!

PHONE 881-5510
HOUSE OF TYPEWRITERS
12879—So. Memorial Parkway
(Across From Farley Junior High)

TYPEWRITERS TYPEWRITERS



Cecil Sprague
SFC-E7-Ret.

Life Insurance
Group Insurance • Annuities
Health Insurance • Pension Plans

NEW YORK LIFE INSURANCE COMPANY



Phone 539-8115

Unbeaten Civilian Fives In Big Shoot-out Tonite

The first crucial contest of the young Civilian Welfare basketball season is on tap for tonite when the Corps of Engineers do battle with MISD in the final game of a triple bill at the Joe Bradley School gym.

The Engineers won a pair of games last week while MISD was successful in their only outing to set the stage for tonite's battle of unbeaten rivals. Each has won three straight.

Metrology (0-3) opens the slate in a duel with Research and Engineering (1-2). The second contest pits Missile Intelligence against Safeguard, each trying to even their slate at two and two.

Another three-game card is set for Friday with Metrology once more opening festivities, this time against Safeguard. The Engineers take on DIT (1-2) in the middle game with MIA going against Engineering QA (2-1) in the curtain dropper.

In last week's action the Engineers measured Safeguard, 77-51, on Wednesday and came back two nights later to whack Missile Intelligence, 70-57.

Jerry Dooley scored 20 points in pacing the initial win with Billy Largen hitting for 18 and Jerry Mullinax sacking 15. Bob Reeves topped the losers with 14 and John Clark got into double figures with 11.

In the win over MIA, Hamil Marin, Largen and Dooley each scored over 10 with 18, 16 and 14 respectively. Phil Shepherd was the whole show for Missile Intelligence with 34 points, the loudest individual scoring outburst of the week.

MISD manhandled Engineering QA, 91-57, in hanging up win No. 3. Four of the MISD shooters scored in double figures with Bob Hubbard hitting for 21 and John Reppert 20. Jim Bunnell collected 16 and Fred Smith ten more. Neil Winterburn was the top scorer in the game with 25 for QA and Cecil Dickerson hit 16 more.

The same Winterburn slipped below 20 for the first time this season earlier in the week but still scored 19 in a 69-33 win over the Missile School entry. Frank Walton added 13 points to the QA attack while Don Mansfield topped DIT with nine.

Missile Intelligence made its first dent in the win column in a Wednesday evening contest taking the measure of the Metrology Lab, 61-37. Shepherd topped his mates

with 12, one more than Jim Gamble, while Randy Priddy was the high Metrology scorer with 11.

The final game on the weekly card turned into a tight defensive duel with Safeguard pulling out in the final quarter for a 39-21 win over R&E.

Clarke shot an even dozen points through the hoops and Reeves had a field goal less for the winners while Frank Rouse scored nine of the R&E points.

New Arrivals

PFC and Mrs. Erskine W. Maples, girl, Tammy Annette, Nov. 13.

SGT and Mrs. Jesse Escamilla, girl, Clarissa Annabelle, Nov. 18. SSG and Mrs. Madison H. Moncrieff, girl, Diana Elieen, Nov. 18.

SGT and Mrs. Kenneth R. Ross, girl, Stephanie Wendy, Nov. 19.

SP4 and Mrs. Marvin G. Washington, girl, Brochelle Junice, Nov. 19.

SP6 and Mrs. David F. Ver Vaecke, girl, Michelle Elaine, Nov. 21.

PFC and Mrs. Randall W. Franks, boy, Randall Zane, Nov. 22.

PFC and Mrs. John S. Balog, II, boy, Thomas Brett, Nov. 26.

CPT and Mrs. Gary L. Billions, boy, Jason Layne, Nov. 28.

SP4 and Mrs. Gary L. Burke, boy, John William, Nov. 29.

SP4 and Mrs. Howard R. Davis, girl, Sherry Anne, Nov. 30.



2LT JOHN R. HARRISON

Harrison Gets Hometown Job

Everyone who enters the service has one wish—to be stationed near his hometown. Not all soldiers are fortunate enough to have this happen. But for an officer at the Missile and Munitions Center and School, Redstone Arsenal, Alabama, his dream was fulfilled.

Second Lieutenant John R. Harrison was recently assigned as Assistant S-1 with the school's troop command, School Brigade.

Harrison is a 1963 graduate of Huntsville High School and earned his bachelors degree in English from the University of Alabama. He also has his masters degree in Marketing. He was commissioned through the ROTC program in 1967.

The lieutenant entered the service September 1970 and attended the Adjutant General's

CHAMPUS Offers Education Bonus In Some Cases

DENVER—Educational services that are an essential part of an effective health care treatment program are considered authorized benefits under the Civilian Health and Medical Program of the Uniformed Services. (CHAMPUS).

Educational services may be approved under the CHAMPUS Basic Program, when determined to be an essential part of an effective treatment program for beneficiaries in CHAMPUS approved inpatient institutions undergoing therapy for chronic conditions or diseases, and-or for nervous mental, or emotional disorders. These include regular, special and-or vocational educational services.

Under the Basic Program, CHAMPUS will also pay for remedial educational services on an outpatient basis when necessary to treat chronic conditions or disease, and-or nervous, mental, or emotional disorders when ordered by the attending physician.

Special tutoring or education for "poor students," however, is not a

career course at Ft. Benjamin Harrison, Ind., prior to arriving at Redstone Arsenal.

He and his wife, the former Janet Brice of Oneonta, Ala., reside at 2517 E Toll Gate Road, Huntsville.

When asked how he managed an assignment in Huntsville the young officer replied, "Well, I don't really know. They probably picked my name out of the hat and here I am."

CHAMPUS benefit when the poor learning condition is not the result of a medical diagnosis.

Claims for benefits under the CHAMPUS Basic Program are submitted directly to state fiscal administrators for payment. When treatment exceeds 90 days a plan of treatment management must be submitted to the Executive Director, OCHAMPUS, Denver, CO 80240 for approval.

Applications for dependents of active duty personnel to participate in the Program for the Handicapped must still be submitted to the Executive Director, OCHAMPUS, Denver, CO 80240 for approval.

Under the Program for the Handicapped, available only to dependents of active duty members, CHAMPUS will pay for all educational services necessary to treat or correct the handicapping condition or to alleviate, overcome, or adjust to deficiencies resulting from that handicapping condition. Under this Program, CHAMPUS normally will not pay for educational services in lieu of suitable and available public school services, nor provide for regular education services past the high school level.

VA's Predischarge Education Program (PREP) helps servicemen on active military duty earn high school diplomas in order to prepare them for higher education or vocational training.

JG's HAS EVERYTHING FOR THE SPORTSMAN !!!

Be Sure And Give Him A GIFT CERTIFICATE!

Gift Certificate

J.C.'S GUN and TACKLE SHOP
2205 UNIVERSITY DRIVE N.W. HUNTSVILLE, ALABAMA 35899

TO: _____

FROM: _____

No. _____

AMOUNT _____

AUTHORIZED BY _____

We Have Many, Many Items. Here Are A Few:

SAVE DURING OUR BIG SALE !!!

Sporterizing Cartridges GUNS BOOTS SHELLS RIFLES

KNIVES DECOYS

Use Your Favorite Charge Card

JG's GUN & TACKLE SHOP

2205 University Drive
PHONE 536-4015

Reducing Aids

Party Supplies and Chairs • Tables

Heavy Tools and Construction Equipment

Get Well Equipment and Hospital Beds

United RENT ALL

2313 Whitesburg Drive
Pho. 539-7422

Engineer Eyes New Goals

Spelunking — fencing — tennis, these are just a few of the hobbies pursued by Emil A. Luft, general engineer in the Dragon Project Office at the U. S. Army Missile Command.

As an ardent spelunker, Luft has the distinction of having a cave named for him after he and several companions discovered the cave south of the Tennessee River. In fact Luft and his companions have discovered more than 20 new caves in the North Alabama area that have been officially added to the Alabama

Cave Register.

On one particular trip the Spelunkers discovered a cave that was part of an Indian burial ground. It turned out that the skeletons were those of the Copena Indians and were approximately 2,000 years old. Luft kept one of the skulls for his artifacts collection and he pointed out characteristics that definitely established the Copenas as practitioners of "cradle deformation."

While he enjoys exploring the caves, Luft also searches for arrowheads, utensils and other artifacts to add to his collection. He has mounted these items on display boards so they can be used for exhibitions and lectures.

During his sophomore year at the University of Iowa, Luft took up the art of fencing. He became so adept at the sport that he was made a member of the fencing team and lettered twice on the varsity squad.

Twice Luft battled to the finals of the Big Ten fencing championships, but was unable to bring home the top trophy. However, these challenges were a tribute to his ability with the fencing sabre in a sport that usually takes years to master.

Later while a member of the U. S. Army stationed at Redstone Arsenal, Luft fenced with a local group in the Huntsville area. Queried as to why he preferred fencing to other sports, he had this to say, "fencing requires the fast footwork of a boxer, the quick reflexes of a football player, and the mentality of a chess-player all rolled into one."

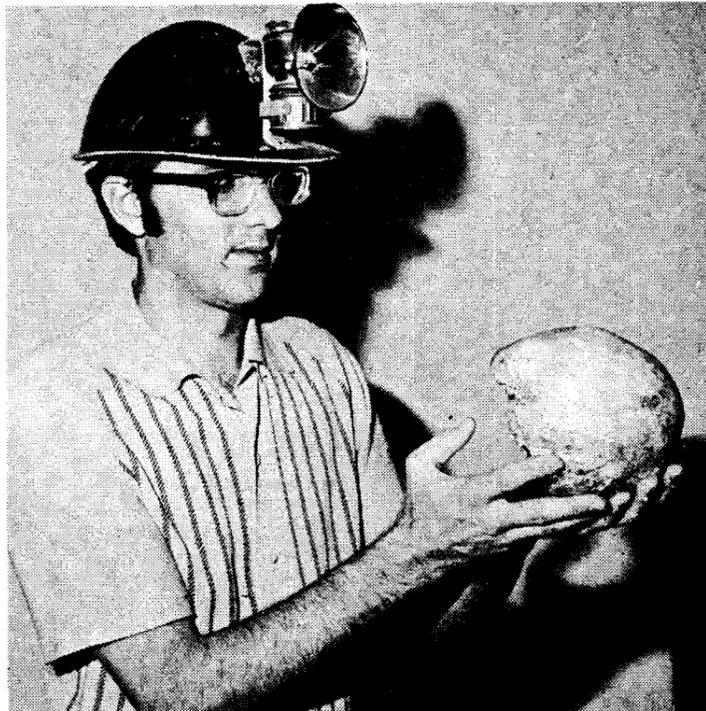
Four years ago Luft started playing tennis and now he is a member of the Missile Command Tennis Team which participates in the Huntsville Industrial Tennis League. During each of the last three years he has won a trophy in either singles or doubles play.

For Emil Luft there hasn't always been time for hobbies and pleasure. A native of Oberplan, Czechoslovakia, a town totally populated by Germans, he was there when the Czechs and Russians took over at the close of World War II. Many Germans were imprisoned and some became refugees.

Luft remembered crossing the Austrian border with his parents at night and carrying his books and toys in a rucksack. Living in the American occupied part of Austria in the town of Linz, he attended the Realschule, a technically oriented high school once attended by Adolf Hitler.

In 1957 he arrived in New York with an International Scholarship to attend the University of Iowa. His first year was difficult because of slow reading and comprehension of English, but he embarked on an intensive reading program and was able to overcome this problem. He received his degree in mechanical engineering in 1961 and applied for American Citizenship.

Shortly after becoming a permanent resident, he was drafted into the Army and his first assignment was with the Procurement and Production Directorate,



ALAS POOR YORICK—While this could be a scene from Shakespeare, it is actually Emil Luft, an engineer in the Dragon Project Office, looking at one of the artifacts that he and a group of Spelunkers found in a cave near Huntsville. The skull held by Luft has been identified as belonging to the Copena Indians who lived in this area more than 2,000 years ago. Luft, an ardent spelunker, has a cave named after him and listed the Alabama Cave Register.

Army Missile Command, Redstone Arsenal. Upon completion of his tour of duty with the Army, Luft rejoined the Army Missile Team as a civilian engineer.

While he has enjoyed his hobbies of spelunking, fencing and tennis, Luft is looking for new horizons to conquer. His next objectives are learning to play golf and learning to fly an airplane. . . local duffers and pilots take note.

USO SHOW

Bob Williams will bring his USO Show to the Service Club Sunday at 8 p.m.

The USO Shows have been the most popular entertainment at the Service Club this fall due to the versatility of the performers and the interest of Bob Williams in the morale of the service men.

The Christmas show will have special lighting effects, decorations and new performers. Enlisted men are invited to bring guests.

Cothran Joins Unit Training

Maj. Paul E. Cothran of East Gadsden has been assigned duties as Deputy Commander and Operations and Training Officer with the U.S. Army Unit Training Command.

Unit Training Command is a separate command attached to the U.S. Army Missile and Munitions Center and School. The unit is responsible for training missile and ammunition maintenance support type units.

Cothran's parents, Mr. and Mrs. William Cothran live in Gadsden.

The major earned his commission through ROTC from Jacksonville State University, where he earned a bachelor of science degree in Secondary Education. He is a 1952 graduate of Gadsden High School.

Maj. Cothran came to Redstone from assignment with the 79th Maintenance Battalion, Vietnam. He has earned the Bronze Star Medal with Oak Leaf Cluster, the Army Commendation Medal with three Oak Leaf Clusters and the Vietnam Service Medal.

His wife is the former Helen Horton of Jacksonville, Ala.

Terminal dates for VA home loans for all vets serving after Jan. 31, 1955, have been eliminated.



ON GUARD — Anyone for fencing? Emil Luft, an engineer in the Dragon Project Office poses with his fencing sabre. Fencing is one of his favorite hobbies and he was a member of the University of Iowa fencing team during his college days. Anyone desiring to cross sabers with Luft can contact him at the Dragon Project Office.

FREE! FREE! Week's Vacation

Six Month's Inspection With Each Improved Acre Near

West Palm Beach Florida
Royal Palm Beach Colony, Inc.

Call 536-9146 for Appt. 11-25-c

-WANTED- USED CARS

We Pay Top Prices for All Makes and Models . . .

Phone 837-4101 — 837-4595



SEASON'S SQUEEZIN'S FROM ARBY'S

Our best to you for the season: great roast beef sandwiches, so big and good you have to squeeze 'em to eat 'em... great shakes...and this special offer for great eating... and great savings. Just come to Arby's and enjoy the squeezin's of the season.

FREE EGGNOG SHAKE
(or any kind you like)
WITH ANY SANDWICH.

When you buy a squeezable sandwich at Arby's, we'll give you a milk shake free. Any kind you like. And since it's an eggnog time of year, you might like to try our special eggnog shake.

BEEF UP AT ARBY'S



TWO LOCATIONS:
2413 North Memorial Pkwy.
2301 Memorial Parkway, S.E.

Grand Opening Dec. 11 thru 20



SUGGESTION AWARDS TOTAL \$760—Colonel Gilbert P. Levy, commandant, U.S. Army Missile and Munitions Center and School (far right) awards checks of \$480, \$180 and \$100 to three MMCS personnel who submitted suggestions that either saved money or improved working conditions for their co-workers. Paul E. Borg (center) a civilian instructor received \$180, Specialist 4 Charles A. Van Hise \$100, and Sergeant First Class Eibert E. Farmer were awarded \$480. The Combined savings of the suggestions was over eight thousand dollars.

First TOW Trainees Graduate Friday

The first U.S. soldiers trained by the Army to repair its new TOW missile system were among 60 graduates of the Army Missile and Munitions Center and School who received diplomas Friday.

One of the graduates, Specialist 4 James E. Jones, is from Huntsville. Jones is the son of Mr. and Mrs. Andred J. Jones of 2015 Stanford Dr., Huntsville, and graduated from the 26-week long Pershing Digital Equipment

Repairman course.

Four of the graduates received special recognition for their outstanding academic performance in their respective courses. Named as honor graduates were Staff Sergeant Jeffrey J. Hamielec of Madison, Wis., Specialist 5 Thomas D. Christian, Jr., from Stuart, Fla., Specialist 4 Robert I. Marsh from Toledo, Ohio, and PFC Robert J. Muff of Dow City, Iowa. The four men also finished with

VA has eliminated its .5 per cent funding fee on guaranteed and direct loans to post-Korean vets.

VA will open five drug treatment centers in January to help veterans and servicemen overcome their drug dependency.

high enough overall scores to qualify as Association of the U.S. Army Honor Graduates.

The newly qualified Army technicians were addressed by Maj. Roger M. Bennett, guest speaker at the ceremony. Bennett, a division chief at the Missile and Munitions Center and School, stressed to the men that the sophisticated weapons and guidance systems they have learned to work with are no better than the men who maintain and operate them.

In spite of what TV commercials may suggest, Bennett warned his audience, pushing a button and letting a machine to the rest isn't sufficient today. "There is no substitute for that most amazing and complicated of all machines—man," Bennett concluded.

Theatre Schedule

(Unrated)
 SUN.-MON, Dec. 13-14
 "Getting Straight" (R)
 INCREASED ADMISSION: adults .50, children .25
 WED., Dec. 9
 "House of Dark Shadows" (GP)
 THURS.-FRI., Dec. 10-11
 "The Odd Couple" (G)
 INCREASED ADMISSION: adults .50, children .25
 SAT., Dec. 12
 "Battle of El Alamein"
 TUES., Dec. 15
 "Angel Unchained" (GP)
 Two shows nightly at 6:00 and 8:30 p.m.
 Sunday matinee at 2:00 p.m.

at the

VIP DINNER THEATRE

LOVE IS A TIME OF DAY

Make Your Reservations Now for Excellent Holiday Entertainment.

● CALL 881-4855 ●

GROUP RATES AVAILABLE

CALL NOW

NOW SHOWING

At Your Martin Theatres

COUNT YORGA, Vampire
 A TALE OF UNSPEAKABLE CRAVINGS!
 ROBERT QUARRY GP
 COLOR
MARTIN theatres
 DOWNTOWN 539-8431
 Features: 2:30-4:10-5:50-7:30-9:10

I, Tina Balsor, housewife, did not do my chores today. I did... Something Else!
diary of a mad housewife
 richard benjamin carrie snodgrass
WESTBURY Cinrama
 WESTBURY SHOPPING CENTER 881-7093

Love it or leave it
 PAUL NEWMAN JOANNE WOODWARD ANTHONY PERKINS
WUSA
 GP
 TECHNICALOR LAURENCE HARVEY
ALABAMA theatres
 AT THE MALL 536-9673

BEAUTIFUL ROCK TABLES

All Sizes. Use Your Bank Americard.

Tumblers FREE \$15.00
 Rocks with Each Ultra-Violet Lamp.

HAPPY VALLEY ROCKS & MINERALS
 PHONE 536-9146
 11-25-c

Mister Fixit

3228 Bob Wallace Ave. SW
 Huntsville, Ala. 35805
 PHO. 536-9456

Appliance Repair small & major

INFLATION is a nasty word, at MISTER FITIX, it is forbidden.

Are you tired of paying top dollar for:

PARTS — LABOR
 —SLOPPY WORK—

If you are, call or come to

Mister Fixit

Owned and operated by retired military

At Your

Martin Theatres

THESE FEATURES START THURSDAY

War. It's a dying business.
Too Late The Hero
 Michael Caine
 Cliff Robertson
 COLOR
WESTBURY Cinrama
 WESTBURY SHOPPING CENTER 881-7093

"Suppose They Gave a War and Nobody Came"
 Tony Curtis Brian Keith
 Ernest Borgnine
 Suzanne Pleshette
 GP COLOR
ALABAMA theatres
 AT THE MALL 536-9673

THE TROPI...
 WAS IT HUMAN?...ANIMAL?...OR THE LIVING DESCENDANT OF THE MISSING LINK!
SKULLDUGGERY
 BURT REYNOLDS SUSAN CLARK
 GP TECHNICALOR
MARTIN theatres
 DOWNTOWN/539-8431

Engineers Are Active Do-ers



ENGINEERS OR MATHEMATICIANS—Latricia Greene and Virginia Redrick hold degrees in mathematics but the job description in the files of the Research and Engineering Directorate spell it aerospace engineer.

Up to a point Virginia Redrick and Latricia Greene have twin biographies.

They are both aerospace engineers, both served an apprenticeship as co-op students in the Army Missile Command-Alabama A&M College program and when they graduated they rented a house with a third graduate and became full-fledged members of the work force in the Research and Engineering Directorate.

Miss Greene, a graduate from Carver High School in Birmingham, is now on the staff of the Systems Evaluation Branch, Advanced Systems Laboratory. She still lives in the house the trio first rented, but with others sharing it.

Mrs. Redrick's husband, Phillip L., is the director of Alumni Affairs at A&M. She graduated from Carver High School in Bessemer, and like Miss Greene she was inspired to seek a degree in mathematics. Both agree that they like the mathematician title better than engineer, but they are far from dissatisfied with their jobs. Mrs. Redrick works on the simulation of air defense missile systems as a member of the Systems Dynamics Branch in the

Advanced Systems Laboratory and Miss Greene evaluates flight test data. In both instances there are oceans of statistics to study.

Shared interests reach beyond occupation, however. The both like to listen to music, and play it. Both are pianists.

They are members of the Delta Sigma Theta Sorority and Miss Greene is still active in alumni affairs of the sorority. She also advises the Christian youth Fellowship of her church and finds herself involved in all kinds of events to keep busy. In fact she gets so involved, she sometimes wonders whether she will accomplish all the commitments she makes, but somehow manages.

Right now, Mrs. Redrick is involved in decorating her apart-

ment in the Mediteranean mode with lots of gold and red and black. She is also a volunteer in the youth program at Halfway House, a home to help rehabilitate young people who have gotten into trouble but not seriously enough to place in detention.

The personalities of the girls are completely unlike. Mrs. Redrick is an outgoing and bubbly optimist whose animation is infectious. Miss Greene is more withdrawn and aloof, but her smile is ready and warm. A small giggle gives a hint that she delights in harmless mischief.

Mrs. Redrick has undertaken a long range project. She is compiling a notebook of the history of

Negroes in Huntsville which she hopes years from now will be useful to the Association for the Study and Preservation of Negro History and Life.

Both women believe in involving

themselves in community activities. They are not exactly "women's lib" candidates but rather active people who believe they can help shape their own destinies.

Unclaimed Freight

2707 UNIVERSITY DR. — HUNTSVILLE, ALA.
(3 Blocks West of Parkway)

STEREO CONSOLES
\$68.60

5-PIECE COUCH & CHAIR & TABLES
Retail \$319.50
U/Freight \$160.00

CARPETS
\$1.85 Sq. Yd. to
\$3.60 Sq. Yd.
This carpet will retail from \$3.95 to \$9.95 sq. yd.

ZIG-ZAG SEWING MACHINES
\$35.00
Sewing Machine Cabinets
Retail \$69.50
U/Freight \$30.00

4-CUSHION COUCHES
Retail \$419.50
U/F \$296.00

CAR TAPE PLAYERS
Retail \$79.50
U/Freight \$48.60

\$6.95 TAPES (8 Track) U/F—\$4.50

LOVE SEATS
\$56.00

TOYS
30% — 50% OFF

MAPLE DINETTES & WALNUT DINETTES
Retail \$159.50
U/F \$76.00

Johnny Lightnings, Baby Small Talks, Funny Pumpers, Silly Sands, Drag Cars, Racing Cars, by Mary, Ideal, Mattel, Topper, Hot Wheels.

UNCLAIMED FREIGHT

2707 University Drive — Huntsville

9:00 A.M.-8:00 P.M. MON.-THURS.
10:00 A.M.-6:00 P.M. FRI.-SAT.
1:00 P.M.-5:00 P.M. SUNDAY

German Radio Center Suggests

Give STEREO
FOR MUSIC ALL THROUGH THE HOUSE

From Huntsville's Complete Stereo Shop

- GRUNDIG ● MARANTZ ● ROBERTS
- DUAL ● TELEFUNKEN ● UHER ● BRAUN

Complete Line of German Records Including Christmas

NAMES YOU CAN DEPEND ON !!

German Radio Center

SALES & SERVICE

HUNTSVILLE WEST SHOPPING CENTER

Store Hours 10 a.m.-9 p.m. Mon.-Sat. Phone 837-6570



EARLE GRIFFIN
USA Ret.

Real Estate Broker
LISTINGS ● SALES
RENTALS
PROPERTY MGT.

Representing
PORTER

REAL ESTATE
539-9676 — 881-9633

Army Buys \$2 Million In Area

The Army Missile Command spent more than \$13 million last month for a wide variety of goods

and services. Almost \$2 million went to Huntsville firms, and much of the remainder was shared by

companies in nearby cities.

While awards for missile repair parts averaged approximately

\$100,000 each, there were hundreds of small orders for office and laboratory supplies, food and

clothing.

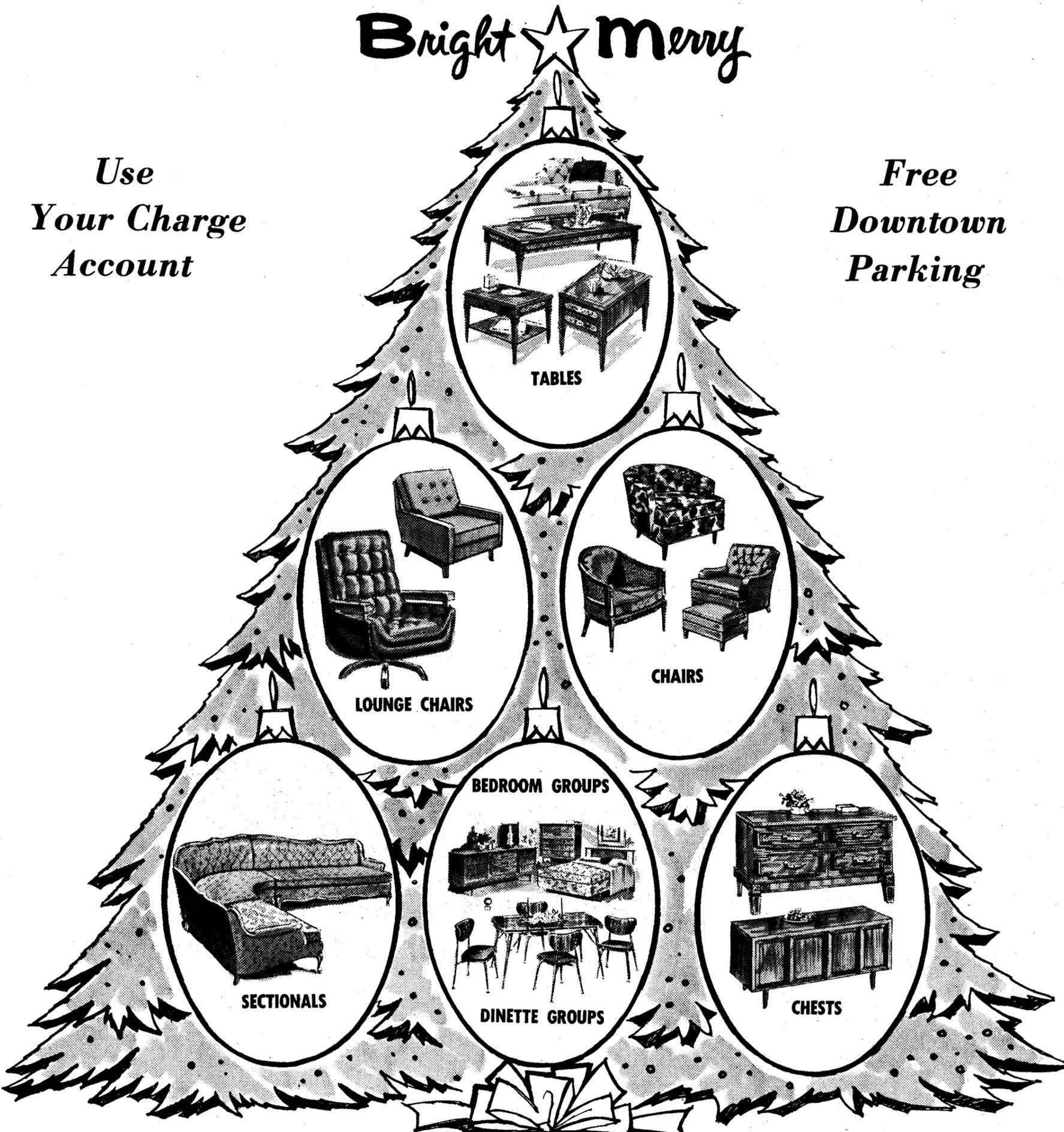
The Missile Command Procurement and Production Directorate executed the awards.

GIFT IDEAS

Bright  Merry

Use
Your Charge
Account

Free
Downtown
Parking



Downtown Huntsville

HALE BROTHERS

In Furniture City

**MISSILE & MUNITIONS
CENTER & SCHOOL**

NAMES IN THE NEWS

SP4 JERRY BERG

**A PAIR OF HAPPY
SUGGESTERS**

Two more MMCSers — a civilian and an enlisted man—have turned ideas into hard cash. The two men are richer as a result of the Army's suggestion award program, their co-workers will benefit from their ideas, and taxpayers will get more defense from each tax dollar because of cost reductions stemming from their ideas. Nobody loses, and you can't improve on that.

Paul E. Borg, instructor team chief in HAWK Division of DIT, came up with the idea of using simulated electron tubes instead of the real thing in teaching students to solder the tubes into circuits. Now instead of a \$2.00 tube being used and then thrown away, scraps of plastic and wire from salvage are used for the simulated tubes. The result — an estimated first year savings of over \$2,500 and a cash award of \$180 for Borg.

SP4 Charles A. Van Hise, Co. D, received an award of \$100 for an idea which resulted in improved working conditions for his co-workers. An instructor in Pershing Division, Van Hise pointed out that the noise level resulting when a test console was cleaned with compressed air might be harmful to people's ears. Scientific tests indicated he was right, and steps are now being taken to reduce the noise level.

Keep thinking and keep suggesting.

WELCOME ABOARD

UTC—now officially the U. S. Army Unit Training Command—

welcomed two new officers last week. MAJ Paul E. Cothran stepped into the post of Deputy Commander and Operations and Training Officer. See the separate story on page 8 for more about him.

CW3 Lloyd W. Pierce has been assigned as chief of the Nuclear Weapons Division, a post that was previously vacant. Pierce comes here from the 23rd Ordnance Co. in Heilbronn, Germany. He has 19 years of service to his credit and calls El Paso, Tex., home.

The MMCS Bookstore has a new officer in charge. 2LT Richard B. Bays, coming here from the AG School at Fort Benjamin Harrison, Ind., has been named to replace 1LT W. Douglas Krebs



2LT BAYS

as bookstore officer. Bay's home is Austin, Tex., and he earned a Bachelor degree of Business Administration from Baylor University.

OUTSTANDING NCO's

Two Pershing Division instructors recently proved that they know how to soldier as well as teach their specialties. SSG Robert T. Lucas and SSG Donald L. Butler, both from Co. D, graduated with honors from the Third Army NCO Academy at Fort McClellan. Lucas was cited as the First Distinguished Graduate of his class, while Butler walked off with the class Honor Grad distinction.



MAJ. COTHRAN

ARCOMS FOR TWO

Third Army Headquarters informs us that two former MMCS troopers have been awarded the Army Commendation Medal for their services while assigned to MMCS. It was the second award of the medal for SSG Robert A. Embry, who was stationed here from September, 1968 through August of this year.

SP4 Dennis R. Walters received the medal in recognition of his outstanding job as information specialist with the MMCS office of Information, September, 1969 through September, 1970. Walters is now with Headquarters, I Corps in Korea. Our best regards and congratulations to him, across the wide Pacific.

KEEP BUYING THOSE BONDS!

A report on participation in the Army Savings Bond Program also recently came down from Third Army, and it has good news for MMCS. Of all units in the Army area, large and small, MMCS had the highest percentage participation for the first quarter of fiscal year 71. Over 93 percent of both military and civilian personnel at MMCS participated in the bond program, compared with 77 percent in CONARC as a whole.

Let's not rest on our laurels, though. Interest on both Series E and H Bonds has been increased to 5½ percent when they're held to maturity, which is a good enough reason to push that percentage of participation up to 100.

20 PROUD SPECIALISTS

Twenty MMCS students who graduated from their courses last Friday are happier this week, for financial reasons. One former SP4 now wears an umbrella over his bird—he's SP5 Thomas D. Christian from the 4th ETC. The

other 19 are wearing their SP4 stripes for the first time. They're Lee Alexander H. Gaus, Roy J. Greene, Patrick A. Pockeney, Jerome H. Kootman, Michael E. Long, James L. Muff, Robert J. Muff, Thomas R. Parker, Robert A. Britton, Conrad P. Zahn, Scott L. Cooper, Don A. McDonald, David T. Moniz, James H. Hendrix, Louis D. Hill, Robert L. Marsh, Marvin R. Tobin, Donald N. Ward, and Thomas M. Weinberger.

POPULAR INSTRUCTORS

Air Defense Dept. took time out last week to spotlight four men who have been selected as outstanding instructors by the men they've taught. COL Gordon D. Rood, director of the department, presented certificates and congratulated George Allen, James D. Martin, Sherman J. Crawford and John W. McCulloch. It was the ninth such award for McCulloch, who has been given a management assignment with the department.

Also at Air Defense, Sick Leave Conservation Awards were presented to Benjamin L. Miller



LINDEMANN & JACKSON

and Chessie L. McCurry, both of whom have accumulated over 1000 hours of sick leave. Here's to their continued health in the future.

APPRECIATION EXTENDED

Letters of appreciation were presented last week to the first sergeant and company clerk at HHC, UTC. The letters, signed by former CO of the company, CPT James C. Davis, were presented to 1SG Lawrence M. Jackson and SP5 David W. Lindemann by the present commander of HHC, CPT Martin D. Monroe.

Proof once again that hard work always seems to be recognized, sooner or later.

ANOTHER GOOD MAN LOST

We've suffered a great loss, sports fans. But it's only temporary. SFC Ben Casey's bowling column, DOWN MAPLE LANE, will not appear this week. Why? Because, after 35 years of "bachelor-bliss," SFC Casey broke down (willingly) and married the former Ezella Harris on Sat., Dec. 5th.

The moral of this story is simple: "Bowling and Honeymoons don't mix." DOWN MAPLE LANE and SFC Casey will return next week.

MOORE

T.V. RENTALS

CALL ANYTIME
Free Delivery in City
—Individual or Commercial
Low Weekly or Monthly Rates

536-6891
(Publisher of TV
Pock-O-List)

REGISTER NOW

For

Dale Carnegie Course

TO BEGIN IN JANUARY

For Information

PHONE JOHN PATTON

536-9501

Dale Carnegie Course

1305B NORTH MEMORIAL PARKWAY

Presented By Leadership Training Service

**BETTER BUYS
BETTER SAVINGS!**

You Always Do Better At . . .

HALE BROTHERS

DOWNTOWN HUNTSVILLE

In Furniture City



MAJ. MORROW

Maj. Morrow Becomes Staff Judge Advocate

Maj. Cecil R. Morrow, Jr., has been appointed Staff Judge Advocate for the Army Missile Command effective 1 Dec. 1970. Since his arrival at Redstone in July 1970, Maj. Morrow has served as Deputy Staff Judge Advocate.

Prior to his assignment to Redstone, he was assigned to the Staff Judge Advocate's Office, Hq. XXIV Corps, Da Nang, Vietnam.

A veteran of 14 years service, the Major entered the Army in 1956 and has served at Fort Benning, Ga.; Camp Hovey, Korea; Fort Leonard Wood, Mo.; Berlin, Germany; San Antonio, Texas; Charlottesville, Va.; Orleans, France; Worms, Germany, and Vietnam.

During his service career he was awarded the Parachutist Badge, Ranger Tab, Expert Infantry Badge, Jungle Expert Badge, World War II Occupation Medal (Germany), AF Exped. Medal, Vietnamese Service Medal, Vietnamese Campaign Ribbon, the National Defense Service

Medal, Army Commendation and the Bronze Star with oak leaf cluster.

Major Morrow graduated from Southwest Missouri State College in 1956 with an AB degree in History and Foreign Languages. In 1965 he graduated from the University of Texas with an LLB (Law) degree.

He is a member of the Texas Bar Association, the Federal Bar

Association and the Association of the U. S. Army.

The Major is the son of Mr. and Mrs. Cecil R. Morrow, Sr., of Bradleyville, Mo., and is married to the former Carolyn C. Line of Rolla, Mo. They have a daughter, Edith Marie Morrow, age five.

Major Morrow lists photography and tennis as his hobbies.

CONTRACT MANAGEMENT
The Huntsville Chapter of the National Contract Management Association will hold its December meeting in the Hawk Room of the Redstone Arsenal Officers' Open Mess beginning at 6:30 p.m. Thursday, Dec. 10.

Guest speaker will be Jack Paul, a Los Angeles attorney. Paul is the author of "United

States Government Contracts and Subcontracts," and is a noted lecturer and instructor on government contracting.

His topic will be "Techniques of Negotiation."

Reservations may be made by contacting Henry Brotherton or Mrs. S. E. Kelly, 837-4000, extensions 2507 or 2488.

LAFAYETTE ASSOCIATE STORE
RADIO ELECTRONICS INDEPENDENTLY OWNED



8-TRACK STEREO TAPE PLAYER

— OUTSTANDING FEATURES —

- Rich Oiled Walnut Cabinetry
- Ear-Phone Jack
- Fine Tuning Adjustment



SAVE \$11⁰⁰
REGULAR \$79.95
3 Days Only **\$68⁸⁸**

SAVE \$41.00

— 3 Days Only —



AM/FM STEREO SYSTEM

Rich Walnut Speakers SALE \$98.88
Reg. \$139.95

SPECTACULAR BUY! SAVE \$74.00 On Your Choice Of Either Stereo System

SYSTEM NO. 1

FET AM/FM SOLID STATE
STEREO RECEIVER



All Silicon Transistors
With Oiled Walnut and
Brushed Gold Front Panel

SAT 370x RECEIVER **\$179⁹⁵**
PAIR SP610 SPEAKERS **\$53⁹⁰**

IND. PRICE **\$233⁸⁵**

Century Speakers
Compact Bookshelf



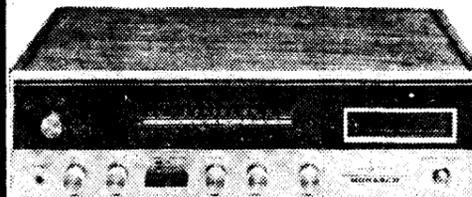
2 WAY SPEAKER
SYSTEM IN HAND-
RUBBED OILED
WALNUT CABINETRY

YOUR CHOICE
\$159.85

3 DAYS ONLY!

SYSTEM NO. 2

A Professional AM/FM Receiver
with 8-Track Playback Deck



A POWERFUL SOLID STATE RECEIVER

- Oiled Walnut Cabinet
- AM/FM Receiver
- 8 Track Stereo Player

SAT. 825x Receiver **\$179.95**
SP610 Speakers **\$53.90**

IND. PRICE **\$233⁸⁵**

LAY-AWAY NOW FOR CHRISTMAS



LAFAYETTE
RADIO ELECTRONICS

ASSOCIATE STORE



OPEN EVENINGS
TILL 8 P.M.

2112 South Memorial Parkway

534-8325
534-7356

Mortgage Loans

1st & 2nd
Real Estate Loans
In Madison and
surrounding counties.

ARTHUR COLE
MORTGAGE COMPANY
509 MADISON ST.
HUNTSVILLE, ALA.
PHONE 539-0626

CAMPING TIME IS ANYTIME!

- SALES
- SERVICE
- RENTALS

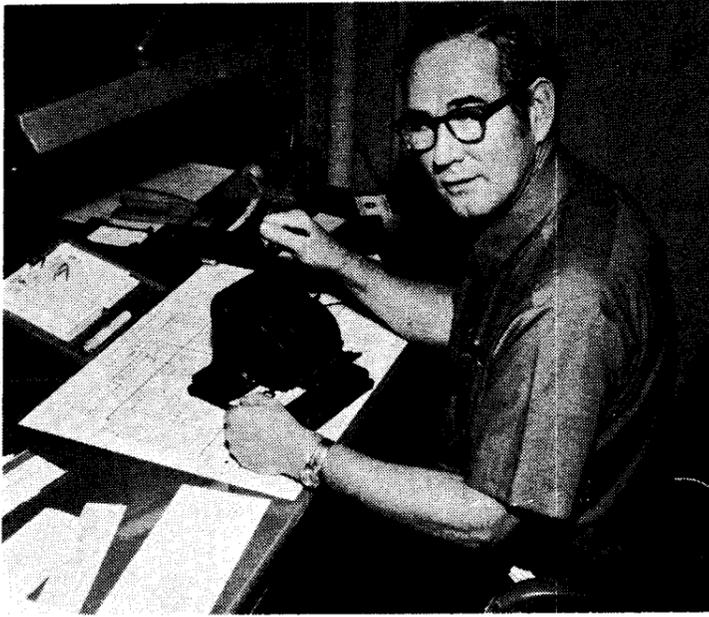
See Us Before
You Buy or Rent
PHONE 837-3882

"Your Camping Center"

MADISON

Travel Trailers

4316 GOVERNORS DR., W.



YOU PULL THE LEVER and the little black machine, with a well-oiled "scrumching" sound, fills in your checkblank. With the half-century old device Linnwood Varney is demonstrating, it's as easy as that to put yourself in an overdrawn situation.

Checkwriter Not Modern Device

A visitor to the office of Linnwood I. Varney, deputy director of the maintenance department at MMCS, couldn't help but be puzzled by one furnishing of the otherwise conventional, business-like office.

The seemingly out of place object might at first glance be taken for a primitive adding machine or an early model postage metering device. But if those were your first two guesses, you'd have to keep on guessing.

Varney's conversation piece is a mechanical check writer, vintage 1920.

What does it do? It quickly and neatly fills in the amount

line of a blank check with the words "THE SUM OF \$XXX.XX." Any monetary figure up to one cent less than a million dollars can be stamped by the machine, Varney explained. The operator merely has to set a series of red and green levers for the desired sum.

Varney, a long-time and avid collector of antiques, inherited the check writer from his father.

"Dad used it all the time in his carpentry business," he recalled. "When he died I picked it up and added it to my collection. I brought it here to the office because we're running out of space for all our novelties at the house."



JEAN GARNER

Jean Garner Ties At Top

Jean Garner, an attorney-advisor at the Army Missile Command, has tied for top scholastic honors after completing a course at the Army Logistics Management Center at Fort Lee, Va.

She was tied with Air Force Captain, Frances Williams, Jr., of Wright Patterson Air Force Base, after both completed the Defense Advanced Procurement

SAFEGUARD COFFEE
Wives of officers of the Army Safeguard System Command will meet for coffee on Monday, Dec. 14, at 10 a.m. in the Pershing Room of the Redstone Officers' Open Mess.

Mrs. Edward M. Dooley is in Management Course.

It was only the second time in the school's 16 year history that two students finished with the same grade.

Both Mrs. Garner and Capt. Williams were presented plaques for being distinguished students.

charge of the arrangements, and Mrs. Glenwood W. Flint is in charge of the decorations. Assisting are the wives of the RDT & E Directorate.

Mrs. David L. Gabardi will demonstrate the preparation of ribbon roses. Cleverly wrapped Christmas gifts will be on display.

The permanent reservation list is in effect. Additional reservations or cancellations may be made prior to noon on Thursday, by telephoning Mrs. Wayne M. Stoller at 837-6645.

A Way To Quick Happiness In Huntsville

539-0648

THE MACHINE by Landmark

DATA FILLED COMPUTER FOR REAL ESTATE

Buying or Selling... see "Huntsville's Only Automated Real Estate Co."

Multiple Listing Realtor

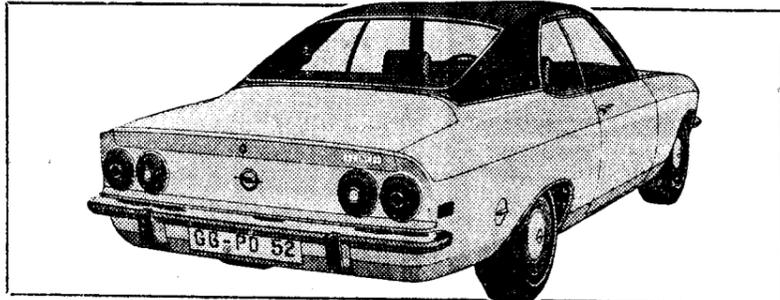
Landmark Realtors

"YOUR AUTOMATED HOMEFINDER" 2400 Bob Wallace Ave

THE 1971 OPELS ARE HERE!!

Drive a real foreign economy Car at a low American Price.

1971 Opel '1900' Sport Coupe



1971 Opel '1900' Sedan



We Still Have A Limited Number Of 1970 Opels That Can Be Purchased At Tremendous Savings!

Get A Deal To Believe In From The...

Dealer To Believe In

STOCKTON MOTOR CAR CO.

"HUNTSVILLE'S OLDEST AUTOMOBILE DEALER"

511 MERIDIAN ST. PH. 539-1761

OPEN DAILY 8:00 A.M. TO 8:00 P.M. SAT. 'TIL 5:00 P.M.

Joe Sartain
Auto Exchange

2913 GOVERNORS DR. W.
PHONE 536-7421

"N. ALABAMA'S
INDEPENDENT VOLUME
DEALER"

100 Cars
to Select From
At All Times
Located Just East of Stone Jr. High.

NOW OPEN

660 North Parkway

The UPPER CRUST

A SOPHISTICATED SANDWICH SHOPPE

With A Complete Selection Of Your Favorite Sandwiches and Beverages

OPEN MON. thru SAT. 10 a.m. to 12 Midnight

660 North Memorial Parkway

(NEXT TO MILLER'S DEPT. STORE)

WANT ADS

WANT AD RATES—\$2.50 minimum per weekly insertion, covering first 25 words. 5 cents per word for all over 25 words. Cash with copy, except where open account basis is previously established. 25c service charge added for credit. Mail copy with payment to Mrs. Vergie Robinson, P. O. Box 346, Room 908 Times Bldg., Huntsville. Deadline is Friday noon, before Wednesday publication.

1. For Rent

TWO BEDROOM—Two bath, furnished apartments, air condition, fully carpeted, convenient to Arsenal. Phone 837-6568-4411 Dayshell. ttc

2. Cars

1961 OLDS 4-dr. factory air, good body, \$380 phone 536-0855 anytime. 1tc

1964 VW 1500S Square Back, pearl white, excellent condition. No replacements 45,000 miles, belt tires, safety belts, complete tool set, see at Apt. 8 3307 — Patton Rd. 1tc

A training program designed to help clergymen deal more effectively with problems of the sick will be conducted at three VA hospitals.

VA will pay tutoring fees of up to \$50 monthly for a maximum of nine months to prevent eligible vets and servicemen studying under the GI Bill from failing essential subjects.

WE BUY CARS—Check with us before selling. Frank Clark Motors, corner Governor Drive & Jordan Lane, phone 837-3490. ttc

MERCEDES BENZ 190 S.L. Sports Car excellent condition. Call 837-4411 ext. 304 or after 6 p.m. 881-7652. 1tc

3. Miscellaneous

REGULATION PERMANENT PRESS FATIGUES \$12.00 set plus shipping. Wee Willie Shop 5630 Watt, North Highland, Calif. 95660. 12-10c

AUTO INSURANCE—For the best in auto insurance call Welton Smith-Tillman Williams Agency 502 Pratt Ave. or phone 539-9451. 12-8 c

FOR SALE—24" Console black & white TV needs a small tube, excellent condition, \$25.00, phone 852-2063. 1tc

5. Houses, Lots-Sale

WANT YOUR HOUSE SOLD?—We want listings! We will provide personal attention, wide-spread advertising and discriminate showing at your convenience. Enlist retired military personnel to work for you. Call the Ingalls Agency 883-0110. Multiple-Listing Realtor. ttc

6. Pets

PART DACHSHUND PUPPIES for sale, 5 weeks old, \$7.00 phone 453-1119 or after 5 p.m. 881-7232. 1tc

TV RENTALS

RCA LATE Models — UHF-VHF
\$1.00 A DAY — \$5.00 A WEEK — \$13.50 A MONTH
BANNER TV AND APPLIANCE COMPANY, INC.

501 NW Memorial Parkway

RCA
VICTOR
TV

3 Blocks South of The Mall
SALES & SERVICE
PHONE 539-3411

RCA
WHIRLPOOL
APPLIANCES

1965 RITZ-CRAFT MOBILE HOME

QUALITY BUILT 57x10 — 3 BEDROOM
1 1/2 BATH. NO FURNITURE

BARGAIN \$1850.

PHONE STAN OR TED 837-4101 OR 837-4595

Home Additions, Home Repairs, Commercial

- PAINTING ● FIREPLACES
- ROOFING ● CARPET
- FLOORING
- STORM WINDOWS & DOORS

Small or Large Job
All Repairs

FREE ESTIMATES

J. P. CONSTRUCTION CO.
GENERAL CONTRACTORS

904 Bob Wallace Ave. S.W. — Suite 105 Acuff Bldg.
Huntsville, Alabama

Phone No. 536-8456

AUCTION SALE

Saturday, Dec. 12 at 9:30 A.M.

EXCELLENT FARM, LIVESTOCK and EQUIPMENT

Belonging To — NICHOLS and SAMS

600 ACRES

KNOWN AS THE OLD HOLDER FARM
Located 15 miles north of Scottsboro, Alabama, on the Fackler-Carns Road in the rich and productive Tennessee Valley, near the backwaters of Tennessee River, near Mud Creek—just a short distance from Scottsboro, an industrial complex of the South.

—One of the most fertile and highly productive farms of Jackson County, Ala. The entire cropland has been fertilized and limed in accordance with Auburn recommendations and is capable of producing in excess of your expectations. There is approx. 500 acres subject to row crops, level and abundantly watered for livestock of all types.

To Be Offered In Tracts—Then Regrouped

These tracts will vary in size from 1-acre building lots to approx. 136 acres, with each acreage tract having a sufficient amount of level land by tracts to constitute a unit within itself.

DESCRIPTION OF PROPERTY BY TRACTS

TRACTS 1-2-3-4-5—Contain one acre each with Tract 5 located in corner of Carns Road and Roach's Cove Road, and each is perfect for building sites, being perfectly located and excellent topography.

TRACT 6—Contains approx. 136 acres with frontage on Roach's Cove Road and has an estimated 85 acres level row crop land, with the remainder being mountain land on which there is a considerable amount of marketable cedar.

TRACT 7—Contains approx. 126 acres with about one-half of the land level, highly productive tractor land, and the remainder being mountain timber land. There is an everlasting cave spring in this tract and it fronts hard surface road.

TRACT 8—Contains approx. 42 acres of the best soil to be found in the area. There is a small amount of mountain land on this tract. This tract fronts Fackler-Carns Road and adjoins Tracts 1 through 5. This is a perfect small unit.

TRACT 9—Contains approx. 49 acres with an estimated 20 acres perfectly level at the foot of the mountain, and fronts Carns Road. There is an excellent well, barn and old house at the mountain edge and is the most perfect home setting to be found. The mountain land contains marketable cedar and is an ideal location for wildlife.

TRACT 10—Contains approx. 88 acres, practically all level row crop and pasture land, with some sown to wheat and most of the remainder sown to improved pasture. An excellent small farm unit with beautiful building site fronting Carns Road.

TRACT 11—Contains approx. 56 acres, all level and mostly sown to improved pasture with some level utilized as row crop on the back. Long road frontage, most all fenced, and watered by excellent pond stocked with fish. There is a barn and shop on this tract.

TRACT 12—Contains approx. 17 acres, all level and partially fenced; mostly sown to pasture. Perfect for the building of your home and have acreage to utilize for pasture or crop.

TRACT 13—Contains approx. 31 acres, all level and in pasture. Improved with comfortable 5-room house with bath, good barn, old barn, outbuildings and 3 excellent grain bins; 2 wells and pond; mostly all in pasture. An excellent tract for home, small farm or nucleus of a larger farm unit by assembling adjacent tracts.

TRACT 14—Contains approx. 36 acres, all perfectly level and utilized as pasture land. Has frontage on Carns Road, an ideal building site or sites, with sufficient level land to support small unit. Watered by well and pond, and mostly fenced for livestock.

Contact Owners or Agents for a plat of this farm. Acreage calculations on each tract are approximate and will be subject to the acreage on accurate survey will reveal in event they sell separately.

Each tract will be offered separately, then regrouped in any manner the owners and agents decide. These separate tracts offer many possibilities as individual units, building sites or small farms suitable for the small farmer, city worker, or as regrouped units for the larger farmer. Near the industrially oriented cities of Scottsboro, abundant water, TVA power and location renders it unexcelled for industrial growth, and where agriculture reigns supreme in the fertile farmlands—an area that must grow industrially and agriculturally and maintain an excellent economic balance.

This farm is perfect for row-cropping, small grain, pasture or diversified farming, having an abundance of water and almost perfectly flat except for the mountain area on which there is an estimated 30,000 feet of marketable cedar and some hardwood.

Cotton Allotment 56 Acres - Grain Base 200

EQUIPMENT

1964 Chevrolet 1 1/2 Ton Dump
1960 Ford 1 1/2 Ton Truck, grain bed
1959 Chevrolet 1/2 Ton Tool Truck
M-F 52 Disc, 14 ft.
M-F 82 Plow, 5-14" semi-mounted
4-row 8-gang John Deere Cult.
Burch 4-row Planter, with 1600 Fertilizer Hopper
M-F No. 10 Baler
M-F No. 36 Rake
M-F No. 7 Mower
Oliver 1-row Corn Picker
2 Oliver Wagons with beds
Ford Plow, 2-14"
Ford Plow, 3-14"

1965 Ben Pearson 2-row Cotton Picker

1964 Massey-Ferguson 1100 Diesel Tractor

1964 Massey-Ferguson 165 Diesel Tractor

1954 Massey-Ferguson 30 Diesel Tractor

1958 Massey-Ferguson 30 Gas Tractor

1964 Massey-Ferguson 300 Combine with 11-ft. Table and Pickup Reel

1964 Massey-Ferguson 222 Corn Head 2-row

Rotary Cutter

Covington 2-row Planter

12-ft. Ezy-Flow

Ford 2-row Cultivator

M-F 9-pt. Field Cultivator

2 5-bale Rex Cotton Wagons

New Holland 2 T. Feed Mill

Post Driver

Blanton 14-ft. Bed Leveler

Spray Rig with 2 90-gal. Aluminum Tanks

John Deere Hi-Cycle 600 with 12 row boom and lay-by equipment

40-ft. Grain Elevator, 6" Auger

LIVESTOCK

35 Young Mixed Beef Cows, some with calves at side, most others springing

30 Mixed Beef Heifers, 6-18 mos.
15 Steers, 6-18 mos.
1 Reg. Polled Hereford Bull

From Scottsboro follow U.S. 72 toward Chattanooga approx. 12 miles — turn left to Fackler — follow pointer to farm. Lunch will be served. Sale to be held, RAIN or SHINE.

TERMS — Personal Properties, cash; some possible financing on equipment. Real Estate, 20% deposit on date of sale, balance upon delivery of deed. Some loan can be assumed.

Agents will assist in financing in advance of sale.
POSSESSION — With deed, with reservation to gather any unharvested crops.

For Further Information Contact the Owners

Mr. & Mrs. S. W. Nichols
437-8047, Stevenson, Ala.

Mr. & Mrs. Wayne Nichols
437-8009, Stevenson, Ala.

Mr. & Mrs. L. F. Sams
433-2967, Fayetteville, Tenn., or 937-8793, Flintville, Tenn.

MAUCTIONS
MONKS
REALTY CO.
Fayetteville, Tenn.

Phone 433-3505 Tenn. License No. 52

ASSISTED BY

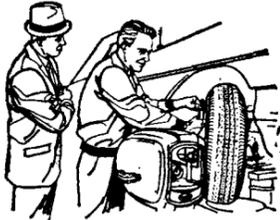
KELLER REALTY CO., Pulaski, Tenn. ADAIR REALTY CO., Huntsville, Ala. Our Alabama Broker

(Information contained in this advertisement and plat of property derived from sources believed to be correct but not guaranteed)

Firestone

Precision Front End ALIGNMENT

All work done by skilled mechanics using the most modern precision equipment



Now Only **\$5⁸⁸**

Prices apply to American cars. Parts extra if needed. Extra charge for cars with torsion bars or air cond.

3 ways to charge **Firestone** **Master Charge** **BankAmericard**



BRAKE RELINE **24⁸⁸**

• Replace linings and shoes on all 4 wheels with new Firestone linings.
• Adjust brakes for full drum contact.
• Inspect drums, hydraulic systems, return springs and grease seals.

Price for drum-type brakes on most Ford, Plymouth, Chevy, American compacts and light trucks. Others slightly higher.

COUPON OFFER

Brake Adjustment



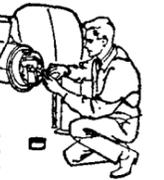
88^c

CARS AND LIGHT TRUCKS
Disc brakes Excluded

Coupon expires Dec. 5, 1970

COUPON OFFER

REPACK OUTER FRONT WHEEL BEARINGS



88^c

CARS AND LIGHT TRUCKS
Disc Brakes Excluded
Grease Seal Extra If Needed

Coupon expires Dec. 5, 1970

COUPON OFFER

4th Shock Absorber



Buy 3 shock absorbers at our everyday single price ... GET THE 4TH FOR 55c

Coupon expires Nov. 21st, 1970

88^c

CARS AND LIGHT TRUCKS

Coupon expires Dec. 5, 1970



Firestone Big Dan WINDSHIELD WASHER CLEANER and Solvent

99^c Limit 1 Gallon
Additional \$1.98 EACH

While stocks last - Vol. IV, V, VI, VII

Firestone Christmas Albums

\$1⁰⁰

The finest selection of popular Christmas music performed by great artists. Top quality, full-size 12" LP collector's albums in hi-fi and stereo.

Comparable to \$3.95 to \$4.95 LP albums

DOUBLE-BELTED GLASS^{or} RAYON ORIGINAL EQUIPMENT TIRES

YOUR CHOICE
Processed Rubber
or
GLASS
OR
RAYON
DYNACOR

4 for \$99
E78-14 (7.35-14) Blackwalls

Plus \$2.35 per tire Fed. Excise tax and 4 tires off your car.

Firestone

DELUXE CHAMPION SUP-R-BELT

This great tire gives you years of extra mileage...better performance...and the wide look of the '70s!

- **TWO STABILIZER BELT PLYS** reduce tread scrubbing — major cause of tire wear — to give you thousands of extra miles.
- **LOW, WIDE 78 PROFILE** gives you quicker steering response and the new modern look of today's sleek low cars.
- **LARGER TREAD FOOTPRINT** gives extra traction where you need it most — on wet, slippery pavement.
- **GREATER PUNCTURE AND IMPACT RESISTANCE** double belted construction gives almost twice the impact resistance of ordinary tires.

SIZE	FITS MANY	BLACKWALLS	2-Stripe WHITEWALLS	Fed. Excise Tax (Per Tire)
E78-14 (7.35-14)	AMX's, Barracudas, Belvederes, Camaros, Chevy II's, Chevelles, Cougars, Darts, F-85's, Fairlanes, Montegos, Mustangs, Firebirds, Rebels, Tempests, etc.	4 for \$99	4 for \$125	\$2.35
F78-15 (7.75-15)	Chevys, Dodges, Fords, Plymouths.	4 for \$117	4 for \$133	\$2.61
G78-15 (8.25-15)	Chevys, Dodges, Fords, Mercury, Plymouths, Pontiacs, T-Birds.	4 for \$128	4 for \$146	\$2.77
H78-15 (8.55-15)	Buicks, Chryslers, Mercury's Olds, T-Birds, Plymouths, Pontiacs.	4 for \$140	4 for \$160	\$2.98

All comparisons relate to previous Firestone Deluxe Champion tire.

Proportionately low prices on singles and pairs.

All prices PLUS taxes and 4 tires off your car. If we should sell out of your size, a "raincheck" will be issued, assuring later delivery at the advertised price.

Drive in today... 3 ways to charge...



Outstanding quality at low everyday prices!

Firestone CHAMPION

Full 4-ply nylon cord body

A great economy tire value that will deliver excellent mileage ... you can depend on Firestone quality, even at these low prices!

6.50-13 Blackwall \$10⁹⁵ \$1.78 Fed. Ex. tax	5.60-15 Blackwall \$15⁷⁰ \$1.75 Fed. Ex. tax	7.35-14 Blackwall \$15⁷⁰ \$2.04 Fed. Ex. tax
7.75-14 or 7.75-15 Blackwall \$16⁷⁵ \$2.17 or \$2.19 Fed. Ex. tax	8.25-14 or 8.15-15 Blackwall \$18⁸⁵ \$2.33 or \$2.35 Fed. Ex. tax	8.55-14 or 8.45-15 Blackwall \$20⁹⁵ \$2.53 Fed. Ex. tax
All prices PLUS taxes and tire off your car. WHITEWALLS ADD \$3.00		

Priced as shown at Firestone Stores. Competitively priced at Firestone Dealers and at all service stations displaying the Firestone sign.

FIRESTONE STORES

1301 NORTH MEMORIAL PARKWAY
(Across From King's Inn)

Phone 539-7441

— FREE —
CAR SAFETY
INSPECTION