

The Redstone Rocket

Published by Jack W. Hoffhaus, Hartselle, Ala., a private individual in no way connected with the Department of the Army. Opinions expressed by the publishers and 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.

VOL. XVIII; NO. 51

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA 35809

MAY 6, 1970

Arsenal-Wide

Spot News

Dial 112



EARNs LEGION OF MERIT—Lt. Col. David C. Rogers is awarded the Legion of Merit during a recent ceremony at Redstone Arsenal. Making the presentation, while Mrs. Rogers watches, is Brig. Gen. George H. McBride, Deputy Commanding General of the Army Missile Command. The colonel, who has been assigned to the Future Missile Systems Division of the Missile Command's Research and Engineering Directorate, was cited "... for outstanding service in Vietnam as the senior artillery advisor to the Artillery Command there and later as senior coordinator for the Kit Carson Scouts."

Research And Engineering Adds Research Laboratory

If all goes well with the weather and the availability of building materials, the U. S. Army Missile Command's Research and Engineering Directorate will gain a new research facility by the first of next year.

The addition to building 5400 will house the Advanced Concepts Development Facility which will use computers to test a guided

missile's flight characteristics before the missile is actually flown.

Construction is proceeding well after a work slow down because of bad weather and a trucker's strike. Resident Engineer Jack Alford of the U. S. Army Corps of Engineers feels prospects are good to recover some of the time lost during the winter.

"There was a good deal of time

lost this winter when it was too cold and too wet to complete work on the ground level," said Alford. "The weather has broken now and the masonry work on the ground level has started again for the first time since November."

Travis Whitt, superintendent for the building contractor, the D. J. Barclay Company of Gadsden, Alabama, said that a trucker's strike in the midwest had held up delivery of the metal forms necessary for pouring concrete floors.

"We are moving right along (See ADDS LAB on Page 3)



'BE LIMBER,' STEEL WORKER SAYS OF JOB

It's been almost ten years since singer Jimmy Dean sang the glory of the steel men who risked death working high in the air in order that America could have huge bridges and tall buildings.

Their work is dangerous, but you can still find steel men working at all large construction sites. Stanley Dewberry of the D. J. Barclay Construction Company is such a man.

Watching this lanky young native of Five Points, Tenn., is enough to give even the calmest person heart palpitations. Forty-five feet above the ground, he welds into place the steel beams of the Army Missile Command's new Advanced Concepts Development Facility of the Research and Engineering Directorate at Redstone Arsenal.

Dewberry, a six year veteran of construction work, moves across the mighty steel skeleton of the building like a tightrope walker using as a balance pole a bar of steel which he will soon weld into place. There is no safety net to break a fall.

What is his job like?

"When you are working up top on the steel, you got to be limber," Dewberry said. "Sometimes when the wind is blowing and you are working high, you've got to be careful not to be blown off balance."

Is he afraid of falling? Dewberry grinned.

"If a man's afraid of falling, he shouldn't be up there in the first place!"

ON THE HIGH STEEL—Stanley Dewberry of the D. J. Barclay Construction Company has a most dangerous and exacting job. See other Dewberry pictures on page 8.

Armed Forces Day Plans Include Many Events

A full program of events, including troop athletic competition, is taking shape for the annual observance of Armed Forces Day, May 16th.

In addition, all active duty military personnel in uniform will be admitted to the new Alabama

Space and Rocket Center without charge on Armed Forces Day.

The Army Missile Display area will be open from 10 a.m. through 4:30 p.m. and the public will also be invited to the Arsenal to see a display of military aircraft at the Redstone Army airfield and to visit barracks and class rooms at the Army Missile and Munitions Center and School.

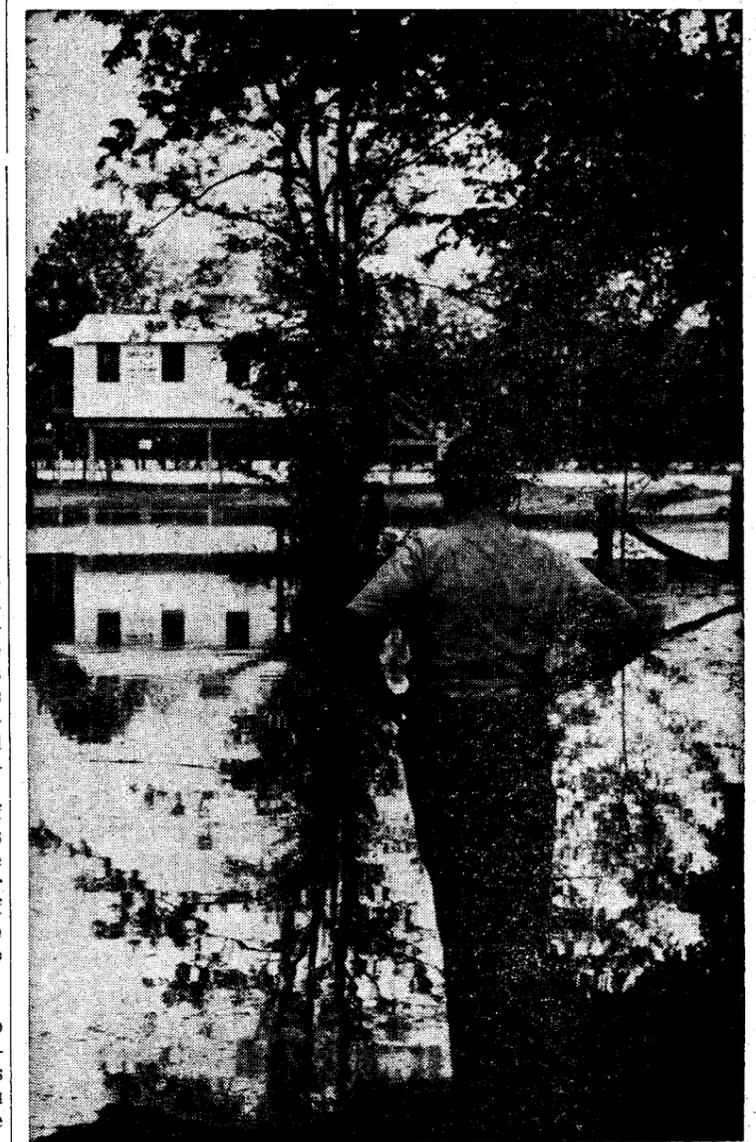
Military police will demonstrate radar and other traffic control devices during the day and will offer vehicle speedometer calibrations to Arsenal visitors.

The public may also watch the special athletic competition between troop units at the Arsenal's Linton Field. The multi-event contest is being sponsored by the MMCS School Brigade with invited participation by other troop units.

According to Edward Buckbee, director of the Space and Rocket Center, the decision to waive the usual entry charge for the state exhibit was an expression of appreciation on the part of the Center's trustees for the Army's assistance in establishing the new facility in Huntsville.

"We know military personnel are proud of their uniform and what it represents. We want them to know that we share that pride," Buckbee said. "Their uniform will be their admission ticket to the Space and Rocket Center on Armed Forces Day."

LTC Dale Hamilton, arsenal project officer for the annual observance, said there would be no (See ARMED FORCES on Page 3)



NO PICNIC TODAY—Heavy rains that caused high water on the Tennessee River completely blocked the road into the Missile Command Civilian Recreation area and submerged many of the facilities. A disconsolate prospective picnicker views the rampaging water and realizes there will be no picnic here for a while.

The Redstone Rocket

The Redstone Rocket is published weekly, on Wednesdays. The publisher will receive editorial content for publication in the Rocket only through the information Office, Army Missile Command, Redstone Arsenal, Ala., 35809, Bldg. 5250, Room A-136, Extension 876-1400 or 876-1500.

All advertising copy and payments therefor are received by Mrs. Vergie Robinson, P. O. Box 346, Huntsville, Ala., 35904, telephone 534-4701, as representative of the publisher. Advertising deadline—both display and wanted—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. 35640.

Rocket Ruminations

The truest help we can render an afflicted man is not to take his burden from him, but to call out his best energy, that he may be able to bear the burden.
—Phillips Brooks



Motorcycle Riding Risky

WASHINGTON (AFPS)—An individual involved in a motorcycle accident has a greater chance of being buried than one involved in an automobile accident.

That is the conclusion drawn from a study conducted by Navy Captain Bruce H. Smith, director of the Armed Forces Institute of Pathology (AFIP), and Navy Lieutenant Louis P. Dehner.

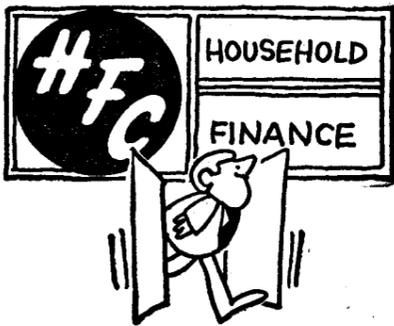
According to the study — "Fatal Motorcycle Accidents of Military Personnel—motorcycles represent 2 per cent of the registered vehicles on the road, but are involved in 1.3 per cent of all vehicular accidents. They also account for 3.4 per cent of all fatal accidents.

The study went into detail on 219 motorcycle accidents resulting in 223 fatalities. The most common type of accident involved a single motorcycle with its driver as the victim. Excessive speed and loss of control on a paved roadway were the most common circumstances of a motorcycle accident.

Protective headgear—required for motorcyclists in 36 states—did not protect some of the victims. The study indicated that helmets showed a tendency to shift the injury site from the top of the head to the base of the skull. Chest and abdominal injuries caused many deaths, but in 80 per cent of the cases the victims suffered head injuries.

Capt. Smith and Lt. Dehner concluded that the chances of surviving a motorcycle accident "may be enhanced if the potential operators are tested and licensed separately, laws on speeding and drinking are rigorously enforced, and wearing of protective headgear and other protective gear is made mandatory."

They also recommended some type of light rigid vest as a means of reducing chest and abdominal injuries.



When you need money for any reason within reason, see HFC

Don't misunderstand. We still urge you to "Never borrow money needlessly." But after 92 years we know that people have very good and real reasons for needing to borrow. And we'll help when it's a matter of paying bills, buying a better car, replacing appliances or for any reason within reason you may have.

Need up to \$2000?

Loans up to \$300 made under State Supervision

HOUSEHOLD FINANCE *HFC*
Corporation of Huntsville

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

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

PROMAP-70 Schedules New Training Courses

A series of special courses planned by the US Army Materiel Command will provide training for key military and civilian personnel engaged in all phases of the materiel acquisition process.

These courses are part of a total AMC training plan to meet the expanded training requirements associated with the PROMAP-70 program.

PROMAP-70 is AMC's implementation of the Secretary of the Army's program to improve the research, development, procurement and production of weapons and equipment for the Army.

AMC has identified potential requirements for new courses in 15 specific areas. These include acquisition, management, concept formulation, contract definition, engineering research and development, test and evaluation, and production.

AMC schools currently have 11

new courses in the planning or development stage, within these areas in addition to the first new PROMAP course. It began in March at the US Army Logistics Management Center and covers cost estimating techniques for systems acquisition.

The PROMAP-70 training plan also emphasizes increased use of existing DOD courses and an extensive in-house orientation program conducted at the major subordinate commands and other field locations.

AMC is also strongly encouraging its personnel engaged in weapon system acquisition to improve their knowledge and understanding through participation in a newly-organized series of correspondence courses. Established by the Extension Course Institute (Air University), the first of four courses (ECI course 2900) deals with an "Introduction to System or Pro-

ject Management." Two of the three remaining courses dealing with similar subjects are scheduled for publication in the very near future.

The courses are intended for personnel involved in system/project management and other who are supporting project management. Personnel in higher echelon positions who monitor and supervise project management, and reserve officers with mobilization assignments in these areas are also eligible for enrollment.

The courses are published versions of the residence course offered at the Defense Weapon System Management Center in the Air University's Air Force Institute of Technology at Wright-Patterson Air Force Base, Ohio.

Chapter 1 (the first course) is an introduction to the background and importance of project management. Chapter 2 (when published) will deal with the missions and organizations of the Office of Secretary of Defense and each military department in support of project management. Also included is the role of industry in support of project management. Chapter 3 will acquaint the student with the magnitude of defense spending and the resulting economic impact along with the activities which must be controlled during the life cycle of systems. In Chapter 4, enrollees in the course will gain an insight to the way management techniques are applied to control activities in project management.

With the current high level emphasis on improvement in weapon systems acquisition, AMC's PROMAP-70 campaign is underscoring the importance of this course in providing timely training to its officers and civilians involved in the Army materiel acquisition process.

State Employment Service Helps Find New Positions

Persons whose employment will be terminated as the result of the RIF at the Missile Command have several steps to take in order to seek new positions through the Alabama State Employment Service in Huntsville, and to establish rights to unemployment compensation.

There are two procedures which may be followed for filing an application for employment, the regular application which requires that a person come into the State Employment Office and file, and a special placement assistance service announced recently by the Huntsville Chamber of Commerce.

Under the regular system, once a person has completed a detailed application at the State Employment Office, he is referred to an assessment interviewer who goes over the completed form and decides which placement interviewer should be seen. The placement interviewers handle the various categories of skills and professions.

This interviewer has a list of local openings to check against, and if requested, can also check openings in other areas and states.

These applications are kept on file for 60 days, and may be renewed by either going into the Alabama Employment Office or calling to request renewal.

After a person's application is filed and he has been interviewed, he will be referred to the office which handles unemployment compensation matters.

The placement assistance service offered by the Chamber of Commerce does not require that a person come into the State Employment Office to file. Registration forms for participation in this program and an envelope for mailing the completed form to the employment office are available at the Civilian Personnel Office.

According to the chief of the office handling applications for unemployment compensation, a person who wishes to apply for unemployment compensation should bring his social security card and Standard Forms 50 and 8, from the Civilian Personnel Office.

No unemployment compensation will be paid while a person is receiving pay for accumulated annual leave or is drawing severance pay. However, he may file a claim for unemployment compensation as soon as he is no longer employed. A claim is good for one year from the filing date. A per-

son receiving pay for his leave or severance pay for a number of weeks may wish to wait until nearer the time such pay is to expire before filing his claim.

Unemployment compensation payments can begin when these other payments are no longer being received.

In order to determine the best date for filing for unemployment compensation, a person should go to the Huntsville Claims Office for counsel. This office is adjacent to the State Employment Office.

You can save the easy, automatic way at your credit union. And be ready for anything. Savings are for vacations, college costs, a new car, a new suit—whatever. Start saving at your credit union—and be ready for anything.

Redstone Federal Credit Union is 50,000 members strong, paying dividends semi-annually. Members received a dividend on January 1, 1970 at a rate of 5½% per annum. Payments made by the tenth of the month earn from the first if left until the end of the dividend period.

REDSTONE FEDERAL CREDIT UNION
A Cooperative Savings and Loan Corporation

P. O. Box 5347, Ardmore Station — 511 Sparkman Drive



HUNTSVILLE, ALABAMA 35805

LOCAL & LONG DISTANCE
MOVING • STORAGE



"A Mayflower Move Is A Good Move"

Call 534-2445

WHITE-MAYFLOWER

Job Vacancies

Marietta, Georgia DOBBINS AIR FORCE BASE

The Civilian Personnel Office has been advised that Dobbins AFB, Marietta, Ga., has the following openings.

Title	Series & Grade	No. of Pos.
Safety Officer	GS-081-11	1
Accounting Technician (Must be able to handle double entry accounting)	GS-525-5	4
Computer Operators	GS-332-5	3
Voucher Examiner	GS-340-4	1
Payroll Clerk	GS-344-5	1
Stenos	GS-318-4	4
Clerk Steno	GS-312 or 318-5	1
Typists	GS-312-4	2
Clerk	GS-322-3	1
Parts Expediter (Membership in AF Reserve required)	WG-6958-7	1
Aircraft Hydraulic Systems Mechanic (Membership in AF Reserve required)	WG-8268-10	1
Radio Radar Repair (membership in AF Reserve required)	WG-2661-11	1
Engineering Technician	GS-802-9	1
Evacuation Equipment Operator	W-576-11	1
Engineering Draftsman (General)	GS-818-6	1
Carpenters	W-4607-9	2
Personnel Staffing Clerk	GS-203-4	1
Fire Fighters (Must have crash & Structure experience)	GS-081-4	2
Aircraft Mechanic (Membership in AF reserve required)	WG-8852-10	1
Roads and Grounds Maintenance Foreman	S-4756-10	1
Laborers	WG-3502-3	3
Automotive Engineering Equipment Mechanic	WG-5823-10	1
Materials Processor Vehicle Operator	W-6962-6	1
Peripheral Equipment Operator	GS-332-4	1
Contract Price Analysts	GS-1102-12	2
Contract Administrator	GS-1102-12	1
Aerospace Engineers	GS-861-12	3
Industrial Engineers	GS-896-12	2

Any person who is qualified and available to be considered for one of these vacancies should call the Civilian Personnel Office, Telephone, Nos. 876-2236 or 876-2304. An up-to-date Standard Form 171 will be required.

OTHER VACANCIES

The Civilian Personnel Office has information on the following position vacancies which have not been previously announced:

Veterans' Administration Hospital, Winston Salem, North Carolina
1—Office Services Manager Trainee, GS-342-7 with potential promotion to GS-12. Applicant selected will be relocated, with promotion, after one year. This position requires FSEE eligibility, and a degree in Business Administration, Accounting or Industrial Management is highly desirable.

Defense Communication Agency, Arlington, Virginia
4—Electrical Engineers, GS-855-12/13 with option in Communication and/or data processing.

Fort Benning, Georgia
1—Contract Administrator, GS-1102-7
1—Contract Specialist, GS-1102-7
1—Purchasing Agent, GS-2020-7

Rock Island Arsenal, Rock Island, Illinois
1—Computer System Analyst, GS-334-12
1—Computer System Analyst, GS-334-11/12
8—Industrial Engineers, GS-896-12 with promotion potential to GS-13 in one year. (Will consider GS-11, Industrial Engineer, with promotion potential for these positions). Applicants must have degree. Mechanical or other qualified engineers who are interested in entering the Industrial Engineering field will be considered. Interested qualified personnel should forward a completed Standard Form 171 to Civilian Personnel Office, ATTN: AMSMI-KPER, Bldg T3159.



FASHIONS ANY MOTHER WOULD LOVE . . .

SHOP US FOR THAT GIFT FOR MOTHER.

The Personality Shoppe

Whitesburg Shopping Center
Cor. Whitesburg And Airport Road

ARMED FORCES

(Continued From Page 1)

charge for any of the events conducted on the Arsenal.

The U.S. Army Missile Display off Patton Rd. will offer periodic band concerts by the 55th U.S. Army Band in addition to missile displays and exhibits and regular motion picture showings.

LTC Hamilton said a special route was being laid out by military police to enable families to make a driving tour of much of the Arsenal in their autos while stopping at the Missile Display Area, the Airfield and the School area where regularly programmed events will take place throughout the day.

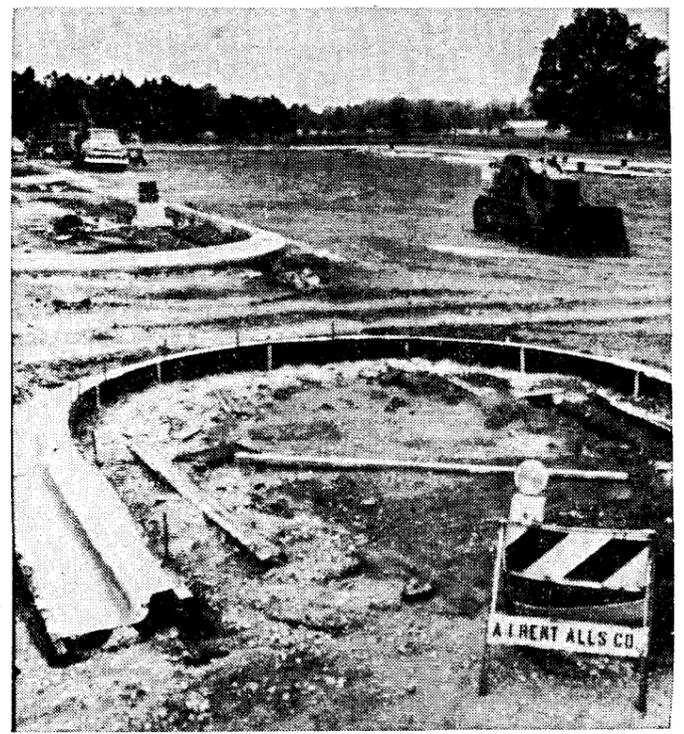
The usual Armed Forces Day parade in downtown Huntsville will not be held this year. LTC Hamilton said it had been omitted from planning as an economy measure and to consolidate all activities on the Arsenal.

Huntsville Firms Share \$300,000

Among the \$13.7 million worth of awards for goods and services ordered by the Army Missile Command last month are several to Huntsville firms including a \$94,251 contract to A. C. Electronics for rocket launchers. Total awards to Huntsville companies ran more than \$300,000.

Many of the orders were to small business concerns nationwide, but did not include the contracts for a million dollars or more which went to contractors for procurement of missile systems.

Awards were for repair parts for missile systems, and for general office and laboratory supplies



NEW PARKING LOT—One hundred additional parking spaces will be gained when the parking lot at the north end of building 5400 is finished. This lot is being constructed to replace parking space lost to the new research facility.

ADDS LAB

(Continued From Page 1)

though," said Whitt. "Last winter we were down to eight men on the payroll. Now, there are 35 and the work is picking up."

The facility will have 75,966 square feet of floor space on three stories at a cost of \$26.00

per square foot. A parking lot is being graded north of the addition to replace the one lost at the back of 5400. There will be a gain of some 100 additional parking spaces.

An interesting sidelight to the construction project is that people at Redstone Arsenal will no longer be able to call Building 5400 "The Jolly Green Giant." The entire building is to be painted white.

as well as food, fuel, clothing and laundry.

The VA is moving to promptly implement recommendations of the President's Committee on Vietnam Veterans relating to jobs, education, loans and other benefits.

ATTENTION DECATUR RESIDENTS

ATTEND A FREE FIRST SESSION The Dale Carnegie Course Monday, May 11th - 7:07 P.M.

Mutual Savings Life Ins. Co. Annex
Bank Street Decatur, Ala.

10 WAYS THE DALE CARNEGIE COURSE WILL HELP YOU:

- New Self-Confidence and Poise
- Speak Effectively
- Sell Yourself and Your Ideas
- Be Your Best With Any Group
- Remember Names
- Think and Speak on Your Feet
- Control Fear and Worry
- Be a Better Conversationalist
- Develop Your Hidden Abilities
- Win That Better Job, More Income

Dale Carnegie Courses

1305B NO. PARKWAY

DIPLOMAT INN
HUNTSVILLE, ALABAMA

Presented By Leadership Training Service

Gen. Chesarek Outlines What To Expect In 80s

(Editor's Note: In a recent address to the American Ordnance Association, General F. J. Chesarek, Commanding General of the U. S. Army Materiel Command, discussed what affect fiscal cutbacks now will have on the Army of the 80's and 90's, how to live with a shrinking budget, and what the Army will be buying in the future. As a service to its readers, the Rocket is running excerpts from the speech.)

"There are a number of things we can do, with the help and understanding of our friends, to maintain a high quality, modern Army within reasonable budget constraints. The direction could be labeled 'a strategy of indirect approach.' Let me explain.

"During the period 1960 to 1965, the Army's budget, averaged out over these five years, breaks out as follows: pay of our people — 40 percent; operating costs — 30 percent; investment in facilities and equipment — 19 percent; and research and development — 11 percent.

"As the resources allocated to us decline, and as inflation in both wages and materiel continues, we not only have less to apportion to these accounts, but we get less for each dollar allotted.

"The big money — 70 percent—is in pay and operating costs. We must, therefore, devise ways and means of using less people to do our tasks and better ways of doing them, not only to live within our budget but at the same time generate substantial funds for a viable research and investment program.

"This is the strategy of indirect approach. To a nation of innovators, entrepreneurs, and managers, this is a tolerable challenge. I would like to outline a few of the opportunities which should make this strategy successful.

COMPUTERS

"First, expand and exploit the use of the computer and other automatic data processing equipment where we currently enjoy a strong international lead and where the payoff is very promising.

"Recently, Dr. Glenn T. Seaborg, Chairman of the Atomic Energy Commission, in a speech at the Nobel Symposium in Stockholm, addressed this subject, and I would like to quote a paragraph of his address:

"One particular way in which the computer will serve . . . is by allowing us to create projections of possible futures or models of complex systems. These processes might be considered as an aid to—or perhaps a synthetic

form of—wisdom. They give us a greater ability to look into the future in terms of what might happen should we act or not act in certain ways . . . we can project alternatives, evaluate them, and offer people a choice . . . in the future, we will have to depend on the computer to correlate the studies of all the experts, rather than depend on limited individual knowledge or often unreliable speculation.'

"In the Army, we are now proceeding along this line across the whole spectrum of our activities. We use computers in complex modeling work and simulations of all kinds. As our skill improves in their use and exploitation, we are able to solve complex, time-consuming problems quicker, provide better alternative choices, and make better analyses — in other words, reduce the long lead times which translate into dollars and people.

NICP CHANGEOVER

"In the logistical areas, we are completing this month the programming of third generation computers for our National Inventory Control Points and our depots. In the near term, this will permit consolidations with substantial strength reductions, increase our responsiveness to the field forces, and give us the kind of visibility we need to manage our resources better.

"In our maintenance shops and arsenals, we are pushing hard for conversion to computer aided manufacture. Numerically controlled machine tools can produce big savings in our operating account and permit quick amortization, as well as aid in meeting our customers' demands.

"Computers are helping us greatly in control, simplification, and production of technical data and its maintenance. Computer aided design will certainly become a standard way of business over the next 10 years.

"In short, computers provide opportunities for major trade-offs against units and strength. Properly and imaginatively utilized, they let us do more, much better, much faster, and with much less. While they demand investment in themselves, we must be bold enough to recognize their worth and fight for their incorporation in all facets of our activity.

SIMPLICITY

"Another major area of great potential to permit man-machine trade-offs is in designing simple, highly reliable, easily maintainable materiel. Reams have been written on this worthy objective but little done about it either in the commercial or military sector. We and industry are both at fault. Because of the long lead time in-

involved in weapon system development there are strong tendencies to push the outer reaches of the state of the art and to incorporate in each system multiple capabilities. This adds up to highly sophisticated, complex, and very expensive equipment.

"We are now in the process of taking a different course which will field quality materiel and substantially reduce cost in people and dollars. All of our new starts specify, in quantifiable terms, the reliability demanded. We have set up procedures to control changes and freeze designs at an early stage in the cycle. We are well into modular replacement to eliminate the need for hundreds of thousands of repair parts. The new creed is to produce simple, reliable, quality products. This will act to reduce the size of operating crews, save hundreds of thousands of maintenance hours, and reduce logistics support.

CONTAINERS

"A third major area for innovation is in the exploitation of containers. Sounds stupid, but really isn't. Let me provide some background.

"Years ago, the Army invented the CONEX container—a steel box measuring about 8x8x4 feet—in which we transported fragile items such as communications gear and pilferable materiel. In recent years, we have been using them quite generally for the movement of cargo. About five years ago, an international effort was applied toward a standard container which could be transported by rail, sea, air, or truck regardless of the various national standards which tend to inhibit this sort of thing. At the present time, 24 percent of our cargo, exclusive of ammunition and major end items, moves to Vietnam by containers on ships especially designed for their quick loading and offloading. Fifty-two percent of similar cargo destined for Europe is shipped by containers.

"This is just a beginning in reducing double and triple handling, port charges, and other heavy expenses of break-bulk operations. In FY 1969, the Army spent \$2 billion for the transportation of people and things, so the stakes are high indeed.

"The time has come to exploit the container to its full potential. As an example, let's look at the situation in Vietnam in 1965. Only one port—Saigon—was available, and it quickly became a vast bottleneck. We constructed at great expense ports at Newport, Cam Ranh Bay, Qui Nhon, and Nha Trang. At each of these locations, we established large depots to re-

ceive cargoes being delivered. It used to take four days from the time a ship was berthed in port until its cargo was discharged and three days to load for the return trip. Today, a container ship is unloaded and reloaded in a single 24 hour period. We recently tested a concept of containerizing ammunition for overseas shipment. It took seven days loading and eight days to unload ammunition shipped in conventional form. The container ship was loaded in 16 hours and unloaded in 24 hours for a total of 40 hours.

'I visualize a depot in any future contingency to consist of a group of specially built containers, carefully stocked and documented in the United States and delivered to designated points. The need for depot construction, ports, or over the beach operations will be sharply reduced. Similarly, containers can be used as maintenance facilities where each can be designed in the United States as a segment of a maintenance shop. Thus, we can safely reduce the requirements for special materiel to build depot and maintenance facilities and save the cost of keeping them in a condition for immediate use.

"This form of podularized logistics is cheap to construct, relatively indestructible, secure from pilferage and other loss, and can be accomplished in a fraction of the time currently employed. They may take the form of being encased in large air inflatable shelters for weather protection, air conditioning, or heat. Savings could amount to hundreds of millions of dollars.

"Next, we need to press forward with the exploitation of lasers. This fantastic phenomenon is just the beginning to find itself. It not only measures distances with extreme accuracy, it also is being applied as a metal cutter on machinery in numerically controlled tools, for difficult welding operations, on construction equipment as horizontal reference means, for three - dimensional photography, and in the field of medicine. It has innumerable communications and computer memory potentials. Each of these applications saves people, money, and time — the key ingredients.

"I hope these few examples give a fair idea of our approach. If our efforts prove successful, and I believe they will, we should generate a reasonable sum of money for equipment modernization. I know you are most interested in how we intend to use these funds.

NEW MUNITIONS

"I would hope to apply a high

priority to the development and production of a new generation of munitions to increase effectiveness by a factor of four or five. We have made some breakthroughs during the past five years which open a new world in this complex area. Firepower equates to strength. After all, that's what all the effort is aimed at doing — overpowering the enemy.

The Army's priorities continue to place emphasis on air mobility, especially the helicopter gunships. Devices to improve our battlefield surveillance, night observation, and real time intelligence also enjoy high priority. Our efforts at developing better tank and antitank systems are well along with some now entering production. They must be funded. Similarly, we cannot afford to lack effective air defense systems. Anyone who has experienced attack from the air knows its devastating power. As these systems are expensive, little is likely to be left for other desirable programs.

"For years we have boasted that our soldiers are the finest equipped in the world. Will they be in the following decades? We can't do it with mirrors or financial legerdemain. We can do it with the help of funds derived from the exercise of our imagination and talents and with the enlightened assistance of the scientific and industrial communities."

Food Not So Fine In Navy Of 1799

WASHINGTON (AFPS)—A typical week's bill of fare in the Navy in 1799 left much to be desired, according to the Navy's magazine "All Hands."

Leading the food list 171-years ago was seven pounds of bread, followed by: three pounds of pork, two pounds of beef, one pound of salt fish, one quart of fish, one and a half pints of peas or beans, 12 ounces of cheese, and two pounds of potatoes or turnips.

Six ounces of molasses or one gill (four ounces) of oil could be substituted for four ounces of butter.

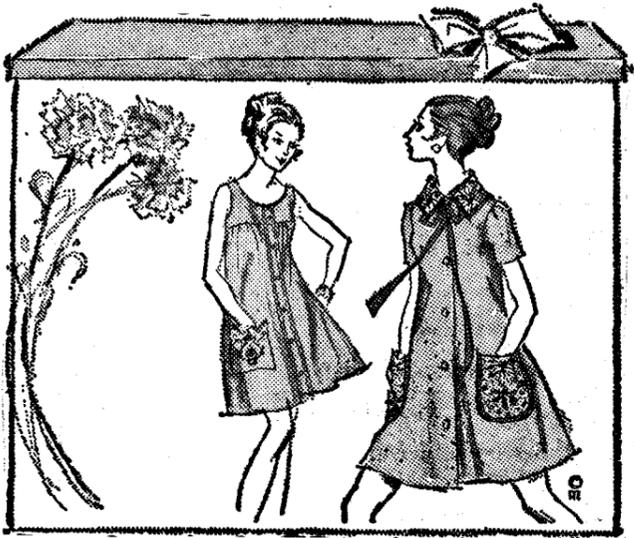
Further lubrication was provided by a daily issue of one-half pint of distilled spirits or one quart of beer, the magazine said.

TIME IN SERVICE FOR OCS APPLICANTS

Effective immediately, soldiers, who would have more than 10 years active federal service at the time of commissioning may not apply for Officer Candidate School (OCS). AR 351-5, to be published soon, will reflect this change.

(ANF)

Your Gift For Mother . . .
May We Help You?



Town & Country
SHOPPE

119 North Side Square 'Downtown'
Member State & First National Charge
Open Thurs. 'Til 8 p.m. — Free Downtown Park

'The
SPRING
QUIZ
COIFFURE'

Another lovely
style featured
at Quick's

Phone For Appointment
534-4551

QUICK'S
BEAUTY SALON

117 Greene St.
(Downtown)



NCO Wives Hear Gen. McBride During Coffee

The goals and purposes of wives' clubs were commented on by Brig. Gen. George H. McBride at a Redstone Non-Commissioned Officers Wives Club membership coffee Wednesday at the NCO Open Mess. Gen. McBride, Deputy Commanding General of the Missile Command, urged the club to seek 100 percent membership, forming a large group that would permit varied activities.

He said a key to more individual enjoyment by members lay in the club involving everyone in working committees on a variety of projects. He also said that members should recognize that wives' clubs on military posts are primarily for the wives of active duty personnel.

"Support your elected officers, don't expect miracles and set achievable goals," the general

suggested. No single program will please or satisfy everyone, so it helps to have a variety of activities he said.

He also commented on a wife's role in her husband's Army career. If you're happy, your husband is happy, and it helps him to do a better job on our important missions," the general concluded.

Wives of all non-commissioned officers at Redstone were invited to the coffee.

Mrs. John Mazikowski, club president, introduced special guests who included the wives of the commanders of various Army elements in the Huntsville area and the officers of the Officers Wives Club. She also introduced Gen. McBride to the group which included about 70 members and guests.

Mrs. Louis DeMichele was chairman for the coffee and Mrs. Marvin White was co-chairman. Assisting them were Mrs. Joel Sandlin and Mrs. Robert Burke. Among those serving at the coffee table were Mrs. Charles Havner, Mrs. George Coughlin, Mrs. Tom Sanders, Mrs. Joseph Cormier and Mrs. Edward Powell.

In the receiving line were Mrs. Mazikowski, Mrs. McBride, Mrs. Robert Proudfoot, Mrs. DeMichele, Mrs. Jack Green and Mrs. Keith Erdman.

The coffee table was decorated with twin silver candelabra holding lighted blue tapers and yellow and white flowers.

Wives Club Will Elect New Officers

The Officers' Wives' Club will elect new officers Tuesday, at 10:30 a.m. at a champagne brunch. A single slate of candidates has been offered, and nominations will be taken from the floor at the time of elections.

This year's slate consists of Mrs. Preston Cannady, president; Mrs. Charles Moses, first vice-president; Mrs. Kaye Gooch, second vice-president; Mrs. Thomas Kunhart, recording secretary; Mrs. William Spangler, corresponding secretary; and Mrs. James Sammons, treasurer.

Merit award winners will also be announced at the brunch and the new officers will be installed.

Wives may make reservations by calling Mrs. Regis Reynolds, 837-3045, or Mrs. W. M. Huskinson, 837-2922, before Friday noon. Mrs. R. P. Loshbough, 837-6434, will take cancellations until noon Monday.

Theater Schedule

THURSDAY-FRIDAY, May 7-8 — "Zig Zag"(GP)

INCREASED ADMISSION: adults 50c, children 25c

SATURDAY - SUNDAY - MONDAY, May 9-11 — "Patton"(GP) Showings at 5:15 and 8:30 p.m. Saturday and Sunday matinees at 2:00 p.m.

INCREASED ADMISSION: adults \$1.00, children 50c

TUESDAY, May 12 — "Once You Kiss A Stranger"(GP)



NCO WIVES HOLD WELCOME COFFEE—A welcome coffee was held by the Redstone Arsenal NCO Wives Club at the Arsenal NCO Club. The purpose of the coffee was to introduce to new members the activities of the club and other activities of the Arsenal and Huntsville area. Guest speaker for the affair was Brig. Gen. George McBride, Deputy Commanding General, Army Missile Command. His wife, Mrs. McBride was guest of honor. The president of the club, at right, is Mrs. John Mazikowski.

Col. Snetzer Will Retire

MOBILE, ALABAMA, April 29, 1970 — Colonel Robert E. Snetzer, U.S. Army District Engineer at Mobile since June 1967, announced today that he is retiring from active duty on July 31, after thirty years of active military service.

Col. Snetzer served during World War II as Division Engineer with the 2nd Infantry Division from its Normandy landing to Czechoslovakia. He subsequently served as Executive Officer of the Seattle Engineer District, Area Engineer for Titan II missile base construction in Arkansas, and District Engineer of the Far East District in Japan and Korea. He was detailed to the National Aeronautics and Space Administration at the Kennedy Space Center in Florida before assuming command of the extensive Mobile, Alabama, Engineer District.

Military work completed under Colonel Snetzer's supervision includes major facilities at Fort Rucker, Alabama, Columbus Air Force Base, Mississippi, and Eglin Air Force Base, Florida; multi-million-dollar Army ammunition plant production improvements in Tennessee at Knoxville, Milan and Kingsport; and a large military housing project at Redstone Arsenal.

Maintenance Technicians Teach HIPAR Class

Two Army Missile Command maintenance technicians recently conducted a radar class at Army Air Defense Command Headquarters at Selfridge Air Force Base, Mich.

Cyril Phillips and George Sevier, both of the Supply and Maintenance Directorate, taught a class in the maintenance and operation of High Power Acquisition Radar (HIPAR) with new anti-jam improvements.

Some 11 civilians, warrant officers and enlisted men attended the course.

WILSON DAM TOUR

The Service Club has scheduled a tour of Wilson Dam near Muscle Shoals for Saturday.

The Dam was first built during World War I in connection with munition plants, and is one of the nation's first multiple purpose river control structures. Wilson's Dam was designated a historical landmark three years ago. Its park facilities make the site an ideal location for camping, picnicking and fishing.

The tour bus will leave the Service Club at 1100 hours and return at approximately 1630 hours. All enlisted men planning on making the trip are requested to sign the lunch register.

ENROLL NOW FOR SPRING CLASSES IN THE FOLLOWING COURSES

- F.S.E.E. Coaching
- Shorthand—beginners, intermediate, advanced
- Touch Machine Shorthand—Steno-Type
- Business Law
- Business English
- Higher Accounting
- Business Administration

Regular Classes 6 p.m. to 9 p.m. — Fully V.A. Approved VA Classes, Monday, Tuesday & Wednesday Half Time Basis 5:30 p.m. to 9:30 p.m.

North Alabama College of Commerce
528 Madison Street Phone 536-2611 or 539-0429

GIVE OUR BEST TO Mother...

FLOWERS

Fresh Blossoms Are Mother's Favorites

She prefers flowers on her very special day, so please her fancy with a corsage, bouquet or table arrangement.



"We Telegraph Anywhere"

Bradford's Florist & Gift Shop

Sharpe's Shopping Center — Phone 772-9700

HUGHES ROAD — MADISON, ALA.

OPEN 8 A.M. TO 6 P.M. — 6 DAYS

How come so many \$2,995 cars end up costing \$4,000?

Options. Just add on a few of them and in a matter of minutes you can add a thousand dollars to the cost of the car.

But it won't happen if you buy a Volvo from us.

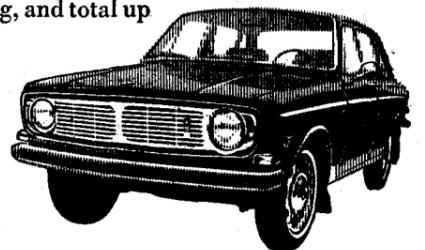
We sell a complete car, not a do-it-yourself kit.

Volvo comes equipped with 4-speed synchromesh transmission; 4-wheel power disc brakes; whitewall tires; two undercoatings; rear window defroster; deluxe upholstery; reclining bucket seats; rear seat armrest; windshield washer and 2-speed wipers; trip odometer; alternator; and a steering wheel lock so a thief can't take it all away from you.

Necessities like these are included in the basic price of every Volvo, itemized on the price tag, and marked "\$.00."

Which means no charge.

So for the price-conscious car buyer, it's a most rewarding experience to come in to our showroom, look at a Volvo price tag, and total up the cost of the equipment.



FRED MEIERS, President
The All New . . .

Continental Cars, Inc.

PHONE 837-5752

4406 University Dr. (Next to Sheraton)

249th Ordnance Takes Post Volleyball Crown

A 14-man contingent will leave for Ft. Benning this weekend to represent Redstone in the 1970 Third Army Volleyball championships being staged next week at the Georgia installation.

LTC H. P. Underwood is coaching the team that was selected from units that recently completed play in Unit Level league activity.

The Redstone All-Stars will compete in the Class B Men's Division playing a double round robin

schedule at the Third Army meet. The 249th Ordnance wrote a "Cinderella-type" ending to the Unit Level league season by coping the championship with a pair of wins over MICOM II in the finals of the post season tourney.

After dropping their first encounter in the double elimination tourney, the Ordnance team worked its way back through the loser's bracket to earn a shot at the regular season winners.

Each of the finalists provided two members of the All-Star team with Glenn Merryman and George Hubbard selected from the 249th. The MICOM representatives are Wayne Wildman and Mike Campbell, who doubles as assistant coach.

The School Brigade provided the majority of the star selections headed by D Company, Four D stars, Jerry Jones, Mel Phifer, Gary Calvert and John Crader will be making the Benning trip.

Bob Nichols was chosen from C Company while the Unit Training Command will be represented by Manuel Lucero and Howard Bukowski.

Completing the Redstone team are Bob Shepherd of the Dental Detachment and Ramirez Perez of the 291st Military Police.

Bowling Dentists Sweep Into Lead

The hard-drilling Jaw Breakers have gently extracted the Lucky Strikes from their perch atop the standings of the RSA Officers bowling league.

Meeting headon in a do or die battle for the top spot on the next to the last night of league action, the Dentists completely dominated play and swept all eight points from the erstwhile front runners. The Strikes dropped into the second slot, separated from the lead by two games and holding a rather precarious one game margin over three more contenders.

Locked in the three-way deadlock are the Wheezers, the D Squares and the Hard Hats. Only total pinfall for the season separates the trio of hopefuls.

Steve Palko, rolling for the Met Cals, put together games of 188, 175, and 184 for the best individual series total of the evening, a 547.

Eight bowlers were in the 200 category with a 224 by Don Vander Heyden being the best single game. Also in the double century class were Roy Parmalee, 217, Russ Bergmann, 212, Mike Shuput, 206, Bob Love, 201, Charley Johnson, 202, and George Stewart and Larry Martin, each with an even 200.

Summer Bowling Debuts Next Week

A ladies summer bowling league is being formed with tentative plans for the schedule to start on Wednesday, May 13, at the Post Lanes.

Any dependent female is eligible to bowl in the league. Those interested can obtain additional information by calling 837-5623 or 539-1898.

"When We Assumed The Soldier We Did Not Lay Aside The Citizen" (Inscribed on the Amphitheater at the Tomb of the Unknown Soldier).



DIRECTORATE KINGS—An early season fire at the Starlite Lanes burned the Supply and Maintenance bowling league out of their former home but it didn't prevent the bowlers in the Directorate from finishing their schedule. They just moved to the Playmor where they completed a highly successful season. The most successful team was the Bushwackers who claimed the league crown on the last night of bowling. Members of the championship team, pictured above, are, front row, Chris Leachman, George Kynerd, J. T. Wright, and Buck Roberson. In the rear are, Jerry Cutcher, Curt Wade, Bob Larkin and Tom Palmer.

Golf Group Plays Nine-Hole Kicker

Twenty-one golfers played a Nassau Tournament Wednesday at the Redstone Arsenal Course, staged by the 18-hole group of the Officers Wives Club.

On the first nine holes, Jane Walker shot low gross, Billy Shuput, low net. On the second nine Lella Mullins and Mae Levaas tied for low gross, Edna Hodges had low net. The 18-hole low gross was shot by Erlene Dials, low net by Carol Saccuzzo and low putts, Martha Napper.

Meantime, the 9-hole group were playing for low gross on odd holes. Helen Churan was the winner with Marie Melochick in second place, Sue Hamilton third, Phyllis Burns fourth and Lila Cooper fifth.

Today, both groups will play nine holes in a kicker's tournament before convening for lunch at the Redstone Officers Open Mess.

SERVICES FOR CPT. FOWLER

Funeral services for Cpt. James Fowler, 22, of Auburn, Ga., who was killed in Vietnam April 24, were held Saturday at the first Baptist Church in Auburn, Ga. Burial was in Barrow Memorial Gardens, Winder, Ga.

Cpt. Fowler was a former Commanding Officer of the Headquarters and Headquarters Detachment, Troop Command, Army Mis-

sile Command. He left Redstone for Vietnam in January for his second tour there.

Pallbearers were members of the Headquarters and Headquarters Detachment.

He is survived by his parents, Mr. and Mrs. Jessie L. Fowler, Auburn, and two brothers, Ray Fowler, Auburn, and Spec 5 Jerry L. Fowler, U.S. Army, Korea.

Read the Want Ads



BOWLER'S CHOICE—Ernie Danes was the winner of two elections held at the close of the Supply and Maintenance bowling league season. First his fellow bowlers named him the winner of their Sportsmanship Award, being presented above by Tom Lindsay, the league president. Later in electing officers for the coming season, Danes won the nod to serve as secretary with Mel Webb named to succeed Lindsay.

Tennis Pro Gives Lessons At OOM

The Officers Open Mess has obtained the services of tennis pro Lee Norton and started instruction classes at the courts located next to the facility on Goss Road.

The instructions for members and their dependents started the first of the month and will continue through the summer ending with a tournament in September.

Persons interested in taking the lessons and have not been able to register may leave their name with the OOM secretary or by calling Mr. Norton at his home at 536-5616.

The instruction rates are \$39.95 for 10 lessons given in small groups.

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

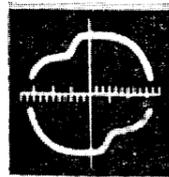
TV RENTALS

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

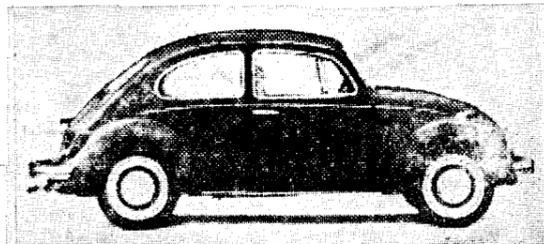
501 NW Memorial Parkway
3 Blocks South of The Mall
SALES & SERVICE
1192-625 3NOHJ

RCA
VICTOR
TV

RCA
WHIRLPOOL
APPLIANCES



VW Spring Diagnosis & Tune-Up
only \$7.98 plus parts



ON ANY MODEL VW

- Check compression
- Adjust valves
- Clean and adjust plugs
- Clean and adjust points
- Set timing
- Check and adjust fan belt
- Adjust carburetor
- Check and adjust thermostat

WITH THIS YOU GET A FREE VW
10 POINT SAFETY CHECK

- Brakes ● Lights ● Horn ● Muffler
 - Tires ● Steering ● Front End ● Clutch
- and oil leaks . . .

**UNIVERSAL
VOLKSWAGEN**

2305 MEMORIAL
PARKWAY, NW
PHONE 539-7456



AUTO REPAIR IS OUR ONLY BUSINESS

Factory Parts — Satisfaction Guaranteed

Specialists — Foreign Cars by Trained Technicians—
Mercedes-Benz, Porsche, Jag., VW, etc.

Experienced—All makes Foreign — Sports — American
Hi-Performance Mods — Roll Bars
Paint and Body Repair Shop

IMPORTED CAR SERVICE

2206 HOLMES AVE., W. — DIAL 534-8663

(With this Ad — Ask about Spring Special)



**MISSILE & MUNITIONS
CENTER & SCHOOL**



NAMES IN THE NEWS

By SFC Ben Casey

REENLISTMENTS

An overseas assignment, or a service school can be yours for the asking, if you're qualified. Stop by Bldg. 3210 and talk to your Career Counselor for the particulars. Ten MMCS soldiers have done so and have taken advantage of the offers. Reenlistments reported this week were: For six years — SSG Harold Boatright, 6th ETC, SP4 Michael Thompson, Co. A; SSG Darwin Todd, Co. D; SSG Archie Bush, Hq. Co.; Pfc Jerry York, 9th ETC and SSG Robert Claycomb, Co. D. For five years — SSG John Miller, Co. C. For three years — MSG James Crowel, Hq. Co.; SSG Rubel Gomez, 7th ETC and Pfc Manfred Lohramann, 7th ETC.

OUTSTANDING INSTRUCTORS

Students who graduated last week selected the outstanding instructors in the Air Def. Dept. and Col. Gordon D. Rood, Director of the department, made presentations during a ceremony at the Air Defense Department. Those selected were William L. Hill, HAWK Div. and Leonard A. Nabors, NIKE Div. Hill was selected for the third time while it was the second time around for Nabors.

GRADUATION SPEAKER

This week's graduation speaker is Maj. Thomas F. Hall, Jr., instructor at Officer Training Department. Maj. Hall is a 1962 graduate of Ouachita Univ., Arkadelphia, Ark., where he earned his bachelor of science degree in Chemistry and his commission from ROTC. He was also a distinguished military graduate. Maj. Hall entered the service from N. Little Rock, Ark., in 1962 and has attended the Artillery Officers Orientation Course, Ft. Sill; Explosive Ordnance Disposal School, Indianhead, Md., the Ordnance Officer's Advanced Course and the Ammunition and Missile Maintenance Officer's Course. He has served at Ft. Hood, Tex., in CONUS and overseas in Alaska and Vietnam. He joined the MMCS staff in 1969.

VISITORS

Maj. Gen. Linton S. Boatwright, chairman, Long Range Stationing Plan for the Army, toured the facilities of the school last week. The general and his party was given the school briefing and toured the Land Combat Department and the Nike HIPAR Site. The CONARC Deputy Chief of

Staff for Individual Training was guest of the School last week. Brig. Gen. Theodore H. Andrews visited with the Commandant and was guest of honor at the change of command review. At the ceremony he presented the Legion of Merit Medal to retiring Col. Paul B. Schuppener. The general was accompanied by CONARC School Operations Officer, Maj. William Flynn.

PROMOTIONS

A raise in pay via the promotion route was earned by MMCS personnel. Those promoted were: From Lieutenant to Captain — Lawrence Hoffman and Timothy Ramsey. Both are instructors at the Missile Components Department. A new Warrant Officer was promoted in the Office of the Commandant. WO John Kwarcieus became the first man to be promoted by the new commandant, Col. Gilbert P. Levy. Kwarcieus is a former enlisted man.

NEW UNIT

A new unit was activated in ceremonies at United Training Command Monday. At the ceremony Lt. Col. Mathew Thome, UTC commander, passed the guidon of the new unit to CPT Carol Wells, commanding officer. The unit,

**YAC Seeks Teen
Aid For Program**

Summer employment has been offered to a number of dependent teenagers who desire to work with the Youth Activity Council in providing recreation for dependent youths on the Arsenal.

In announcing the summer program, the YAC said that application forms for the summer employment may be obtained at the office adjacent to Football Field No. 2 at the corner of Goss and Skinner Roads.

An applicant must be a bonafide dependent as defined by the

509th Ord. Det., will receive training on Land Combat Support Systems with special emphasis on the Chaparral and Shillelagh systems. The unit is expected to be up to full strength today. The first sergeant of the unit is SFC Ralph McBride. After training the unit will depart Redstone Arsenal to support the missile systems in the field.

RSA-YSP constitution between the ages of 16 and 19, with a desire to work with young children from 6 to 12 years of age as well as youths in older age groups.

Qualifications include a working knowledge of certain sports such as volleyball, badminton, tennis, basketball, track and field events and various other games for younger children; the ability to organize groups for participation in the mentioned sports; and a willingness to accept directions and carry out orders and instructions of adult supervisors.

The Council emphasized that some physical labor would be involved such as police up work, lifting trash cans, putting up and taking down playground equipment, etc.

All qualified applicants will receive consideration for the vacant positions with an order of hire list being based on a first come, by best qualified basis.

A bachelor—a selfish, callous, undeserving man who has cheated some worthy woman out of a divorce.

**Laboratory Chief Enjoys
Diversity And Action**

He's in no hurry, but he enjoys every moment of the day.

Capt. Robert B. Verduzco received a degree in medical technology and biology from McNeese College in Lake Charles, La., where he also earned an ROTC commission. When he completed his courses, he was called to active duty and sent to Ft. Sam Houston for Army medical training before being assigned to the laboratory at the Redstone Arsenal Medical Department activities.

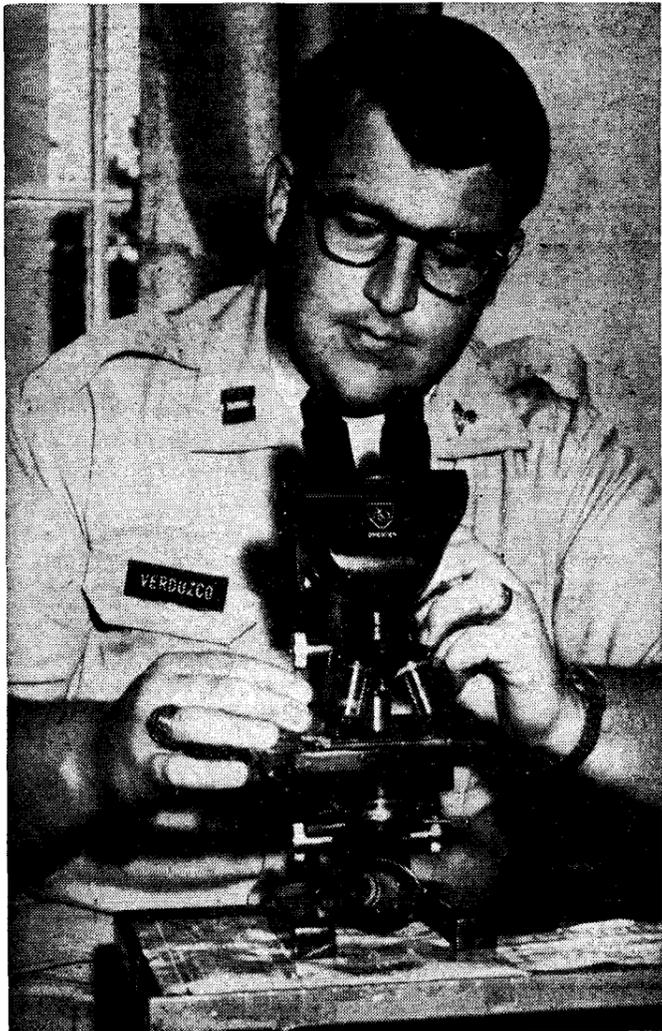
The hospital laboratory is staffed by six civilian and three military medical technicians who process specimens for the civilian community which has an annual physical checkup through the Occupational Health facilities operated under the Medical Department. This adds approximately 7,000 people to the normal workload potential of 60,000 plus in the

military community, both active and retired.

Eventually, Capt. Verduzco hopes to complete dental training at the University of Alabama. He has already served a 12-month internship in medical technology. He has wavered a bit about specialization, but now believes he would like to be a dentist.

Even though his father is an agent for a steamship company, the Captain hasn't had much opportunity for exploring the high seas. Getting through college was just one more step in becoming an adult.

Capt. Verduzco enjoys work, golf, quail hunting and daughter watching. He finds his daughter at age two has begun playing both ends to get what she wants. When his wife says "No," the captain gets a lot of attention until daughter gets to the point and he says "No" too.



CAPT. ROBERT B. VERDUZCO

**J. C.'s
Gun & Tackle Shop for**



- REBELS, reg. 1.17 SALE 97c
- BOAT CUSHIONS Special \$2.87
- FLY BOXES, reg. 1.59 SALE 99c
- REEL CASES, reg. 1.99 SALE 99c
- BOW STRINGS, reg. 1.50 SALE 99c
- 2-QT. CANTEENS, No. 510 — reg. 2.69 .. SALE \$1.99
- BOAT SEAT WITH STAND, CAPTAIN'S CHAIR
Reg. 49.95 SALE \$39.95

Shot Gun Shells Wholesale by the Case

Now You Can Have a Complete Casting Foundry with

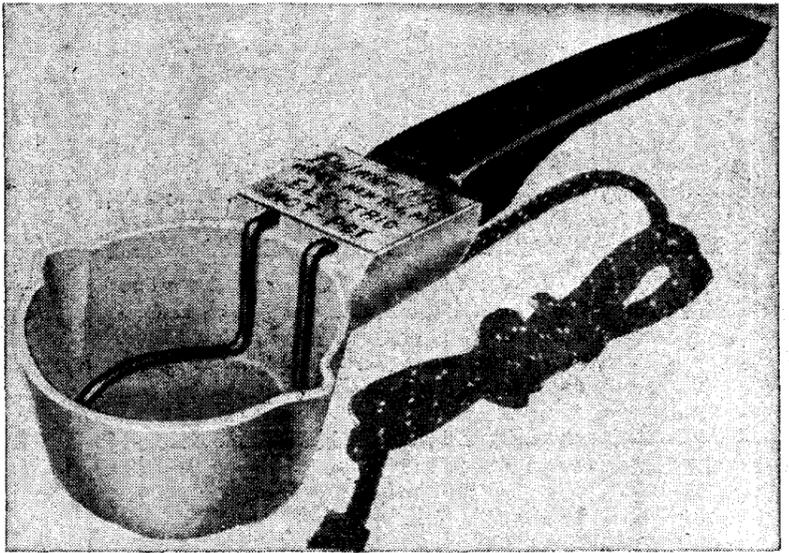
PALMER'S
NEW

**HOT
POT**

Reg. 14.95

SALE

\$12.95



**J. C.'s
GUN & TACKLE SHOP**



2205 UNIVERSITY DR.
In The Building With Burch and Hatfield
Phone 536-4015



LADDER TO THE TOP—Climbing over a large building under construction is not easy, but necessary for Travis Whitt. Whitt is superintendent of construction for the addition to building 5400.

ARMY BIRTHDAY—JUNE 14

The United States Army has been an essential force for freedom since its origin on June 14, 1775. Small or large, in peace or war, the Army has gone on building its unbroken tradition of service to the American people. (ANF)

Williams Tells Floridians Managers Must Be Flexible

Managers charged with reducing costs must be able to recognize change and adjust to it if they hope to achieve the optimum goals of

cost reduction. Horace M. Williams of the U.S. Army Missile Command stressed that theme in a speech prepared for delivery to the May 7 meeting of the Cost Reduction Committee of the McDonald Douglas Astronautics Company, Titusville, Florida. Williams said, "Beware of the apparently stubborn company policy or government regulation which says you can't make a change. Find one that says you can. The internal environment which the manager develops and maintains must be flexible if optimum results are to be recognized."

Williams quoted from the writings of Franklin D. Roosevelt saying that supervisors must cultivate the science of human relationships, the ability of a people to live together and work together, in the same world at peace.

"Managing is a matter of using knowledge to solve real problems and to develop operating systems or environments in which people can perform effectively," said Williams. "Knowledge of management is not enough!"

"There is always the danger of developing a program or plan which has elegance rather than usage. This we can neither afford initially nor over a substantial period of time."

Williams, a cost reduction coordinator, headed the Cost Reduction Program which saved the U.S. Army Missile Command over 100 million dollars in FY '69.



PLANS CAREFULLY CHECKED—Jack Alford (left), resident engineer, checks construction progress of the Advanced Concepts Development Facility with Travis Whitt (center), superintendent, and Dick Leonard, quality control inspector. The D. J. Barclay Company of Gadsden, Ala., is building the facility which is scheduled for completion early next year.



ON THE HIGH STEEL—Stanley Dewberry welds a steel beam into position high above the ground floor of the New Advanced Concepts Development Facility which is being added to building 5400. Dewberry, who fearlessly scales the high steel skeleton to do his welding, has been in construction work six years.

Lee-Bentley . . .

Reduces Prices

You'll Never Buy a New Car Any Lower . . . Get Our Deal Today ! !



1970 IMPERIAL



1970 CHRYSLER



1970 PLYMOUTH FURY I



1970 PLYMOUTH SPORT



1970 PLYMOUTH



1970 PLYMOUTH VALIANT



1970 PLYMOUTH BARRACUDA

OVER 100 NEW CARS to Choose From

All Models & Colors

All Cars In Stock at Discount Prices!

SEE THE All New '70 DUSTER

2,258.00

PRICE INCLUDES: Freight, Excise Tax, Delivery.

Sales Tax Extra.

investor's choice

- HAMILTON FUND Periodic Investment Plan. \$20 can start a monthly Hamilton Investment Plan.
- HAMILTON FUNDS, INC. A minimum investment of just \$100 will permit you to own an interest in a part of over 100 American corporations.
- HAMILTON GROWTH FUND, INC. Minimum initial payment \$250. Sole objective: growth in value of your investment.
- POLICIES OF ITT HAMILTON LIFE INSURANCE CO. also available. Free prospectus available wherever legally qualified for sale. Check above and mail this ad.

HAMILTON MANAGEMENT CORPORATION
P.O. Box 759 Huntsville, Ala. 35804

NAME.....
ADDRESS.....
CITY..... STATE..... ZIP.....

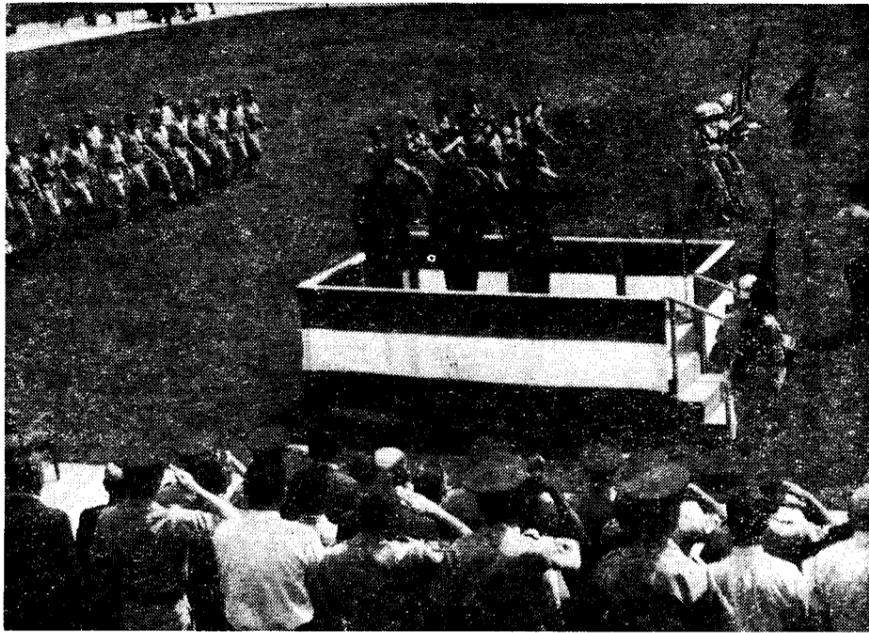


LEE-BENTLEY, INC.

★ Chrysler ★ Plymouth ★ Valiant ★ Imperial
Service At Its Best

120 Governors Dr.

Phone 536-6641



COMMAND CHANGE AT MMCS—Col. Gilbert P. Levy accepts the MMCS organizational colors from Brig. Gen. Theodore H. Andrews, Continental Army Command, during the change of command ceremony last week at the MMCS quadrangle. At center, troops of the school pass the reviewing stand while at right, Brig. Gen. Andrews pins the Legion of Merit on retired Col. Paul B. Schuppener.

School Ceremonies Include Hail, And Farewell

Col. Paul B. Schuppener reviewed troops for the last time Thursday as commandant of the Missile and Munitions Center and School. It was also his last review as a member of the active Army.

Troops of the school passed in review as part of the change of command ceremony that marked the beginning of Col. Gilbert P. Levy's tenure as commandant.

The ceremony also brought to a close one of the most distinguished military careers in the recent history of Army missile and ammunition research, development and training as Col. Schuppener retired after 30 years service.

Before the traditional changing

of the regimental colors, Brig. Gen. Theodore H. Andrews, deputy chief of staff for individual training, U.S. Continental Army Command, Ft. Monroe, Va., presented the Legion of Merit to Col. Schuppener.

In a brief farewell speech Col. Schuppener expressed pride in having served with an organization and a school second to none. He added, "I think that this is by far the best assignment I've had in the Army and you people have

made it that. Thanks very much."

Col. Levy, a former enlisted man, rose through the ranks to become a regular Army colonel. A native of New Jersey, Col. Levy, in his remarks, said he is "no stranger to the school, Redstone Arsenal or the Huntsville area" and he said he "wholeheartedly shares Col. Schuppener's pride in the school."

With music furnished by the 55th U.S. Army Band, the troops passed in review.

Equipment Publications Symposium Set In June

Technical experts from industry and the military will examine "Equipment Publications in the Emerging Integrated Logistics Support Environment" during a two and a half day symposium sponsored by the U. S. Army Materiel Command and the National Security Industrial Association.

The session is scheduled for June 24-26 at the Statler Hilton Hotel in Washington, D.C. A repeat program will follow on July 22-24 at the Hilton Hotel, Los Angeles.

Gen. F. J. Chesarek, Commanding General, AMC, will speak at the banquet for the Los Angeles session. LTG H. A. Miley, Deputy Commander, will be the speaker for the Washington session. Key-note for both meetings will be Brig. Gen. A. M. Kogstad, AMC Director of Maintenance.

Interested military and civilian personnel may obtain information from: Commanding Officer, Letterkenny Army Depot, ATTN: AM-CLE-NPGL, Chambersburg, Pennsylvania 17201. Phone: (717) 263-6111, ext. 7481. AUTOVON: 242-7481.

Industry representatives should contact: NSIA, Dept. EM, Union Trust Building, 15th and H Streets,

COMPLETES COURSE

FT. BEN. HARRISON, IND. — Hollis O. Bridges has completed the Techniques of Review and Analysis Course, US Army Finance School, Fort Benjamin Harrison, Ind.

Bridges is employed as a program analyst at the US Army Metrology and Calibration Center.

ATTENTION MILITARY & GOVT. EMPLOYEES

Bring this ad for a \$10.00 Discount on any car on the lot, or let me help you find the used car you're looking for.

See Vernon Schroeder TRIANGLE AUTO SALES

2410 Triana Blvd. W. Huntsville, Ala.

TRANSFERRING??? Let me make an offer on your car or sell it for you.

PHONE 534-6188

ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY

NORMAL, ALABAMA

Evening Classes In Computer Science Utilizing System 360/30

OFFERED AT ALABAMA A & M UNIVERSITY

In response to student demand for meaningful job related skills which are reflective of state-of-the-art technology, Alabama A & M University proudly announces the continuation of a new and dynamic approach for meeting these demands. The vehicle is called THE CERTIFICATE PROGRAM IN COMPUTER SCIENCE.

The program is continuous in nature and consists of 15 individual courses. Course length varies from five weeks to eight weeks. Students are permitted to enter the program at their individual points of readiness.

THE SECOND OFFERING OF COURSES WILL BEGIN ON MAY 18, 1970. REGISTRATION OPENS ON MAY, 14, 1970, AND CONTINUES THROUGH MAY 15.

Courses to be offered are as follows:

COURSE NUMBER	COURSE TITLE	TIMES	MEETING DAYS
S300	Introduction to Automatic Data Processing (Theory)	6-10	MW
S310	Introduction to Computer Science (Theory)	6-10	TTH
S320	Introduction to Cobol Programming (Theory-Lab.)	6-10	MW
S330	Introduction to Fortran, IV	6-10	TTH

CREDIT

Certificates of completions will be presented for each course successfully completed, as well as a letter grade reflective of achievement. After a student completes one or more of the certificate courses, and he decides to enroll in a degree producing program at A & M University, he may submit all certificates for evaluation and subsequent award of college credit.

For further information, please contact Mr. Robert H. Hilton, Program Director of the Department of Industrial Technology, Alabama A & M University, Normal, Alabama 35762. Telephone Number 859-0800 EXT. 212.

Admiral Moorer Named Chairman, Joint Chiefs

WASHINGTON (AFPS)—Admiral Thomas H. Moorer, chief of Naval Operations, has been chosen to become chairman of the Joint Chiefs of Staff.

President Nixon announced his intention to nominate the 58-year-old admiral to succeed General Earle G. Wheeler as the nation's ranking military man.

Gen. Wheeler has been chairman of the JCS since July 1964. President Nixon will nominate him for four star rank when he retires in July.

Vice Admiral Elmo R. Zumwalt, Jr., was chosen to succeed Adm. Moorer as chief of Naval Operations. Vice Adm. Zumwalt is now commander, Naval Forces, Vietnam and chief of the Naval Advisory Group, U.S. Military Assistance Command, Vietnam.

Adm. Moorer is a naval aviator and has held flag rank for 12 years. He has served in many posts, including command of NATO's Allied Command Atlantic, and the Atlantic Fleet before becoming chief of Naval Operations in 1967. He also was commander in chief, Pacific Fleet, and commander, Seventh Fleet.

Vice Adm. Zumwalt, 49, will become the youngest CNO since the position was established in 1915. He is number 35 on the Navy's latest seniority list and has been in Vietnam since September 1968.

ADM. MOORER BIOGRAPHY

Born Feb. 9, 1912 in Mount Willing, Ala. Entered the Naval Academy in June 1929 and was commissioned as an ensign in June 1933. Completed flight training in July 1936 and was designated naval aviator.

At the beginning of World War II, Adm. Moorer was a pilot in Patrol Squadron 22 at Pearl Harbor. Two months later he was shot down in a PB4Y north of Darwin, Australia. He was rescued by a ship which was sunk by enemy action the same day.

At the end of World War II he was assigned to the Office of the Chief of Naval Operations and interrogated Japanese officials as part of Strategic Bomb Survey—Japan.

Other duty highlights: 1955 — assigned as aide to the assistant secretary of the Navy (Air); 1956 — commanding officer, USS Salishury Sound; 1957 — selected for rear admiral and detailed as special assistant, Strategic Plans Division, Office of the Chief of Naval Operations; 1958 — assistant chief of Naval Operations (War Gaming Matters), then commander, Carrier Division Six; 1960 — director, Long Range Objectives Group, Office of the Chief of Naval Operations; 1962 — commander, Seventh Fleet. (AFPS)

A two-week resident phase for students enrolled in the U.S. Army War College (USAWC) Nonresident Course Class One will be held at Carlisle Barracks, Pa., June 22 through July 2. Army Regulation 351-11, 12 January 1970, requires that parent organizations program and budget funds for travel and per diem expenses of students who will attend the resident phase. Reporting date at USAWC will be June 21. Department of the Army is notifying parent organizations of eligible officers who will attend the resident phase. (ANF)

**WHEEL
ALIGNMENT**
\$5.88

(With This Ad)
(Reg. \$7.50 Value)

Fast Service - Expert Wheel
Mechanic

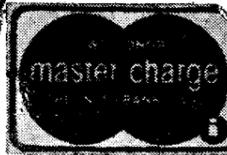
All Work Fully Guaranteed
**Tom Sharp Tire
Service**

2714 Clinton Ave. W.
DIAL 539-3482

Open 8:00 a.m. to 5:30 p.m.
6 DAYS A WEEK

GAYLORDS

SAVES YOU MORE!



OPEN DAILY
9:30 A.M.
to 9:30 P.M.

\$1,000,000 MAY DAY'S SALE

"JUST IN TIME FOR MOTHER'S DAY"

100% NYLON
**STRETCH
T-TOPS**

ONLY
\$1.44

After Sale, 1.97

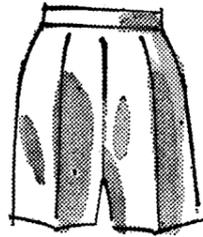


Pick a palette of T's to pair with pants, skirts, shorts. Turtles, mock turtles; zip backs. Sleeveless. White, navy, pink, blue, maize, in sizes S-M-L.

"DON'T
FORGET
MOTHERS
ARE SPECIAL
PEOPLE."

Misses 2-Pc. Nylon
Jamaica Sets

\$3.66
Regularly 4.78



Fun-loving duos in 100% nylon. Solid Jamaica shorts. Smooth fitting elastic waist; multi-stripe tank top. Maize and assorted fashion colors, sizes S-M-L.



SAVE \$1.00

Short Sleeve
Dress Shirts

Perma-press short sleeve shirt is 65% polyester-35% cotton. Choose white, blue, maize, mint, 14½-17.

Just \$1.58

Reg. 2.58

Newest Lingerie Look

100% NYLON

CULOTTE
4.66

Our Regular Price 5.88

Styling of the 70's for sleeping or lounging. Bolero type V neck. Full leg culotte pants. Heavy self roucheting trim. Lilac, peach, green in S, M, L.



SAVE 1.13 Zip-Off PANT-SHIFT

DRESSES

Concealed zipper zips off skirt for pant dress look. Long torso style, contrast collar, ties and binding. Cotton prints on lilac, turquoise, yellow, blue grounds, sizes 7-12.

VERY SPECIAL AT—

\$3.84

Regularly 4.97

Four Part Harmony
Coordinates

YOUR
CHOICE

\$3.17

EACH

After Sale
\$3.97



THE SHIRTS:

COIN DOT SHIRT with long sleeves, V-neck, long pointed collar, elastic cuffs.

PRINT SHIRT has squared long dog collar, 2 button cuff, shirttail. Both 50% polyester-50% Avril® rayon. Blue, lilac, 32-38.

THE SKIRTS:

SCOOTER PANTS-KIRT. Side-wrap style with brass button closing, patch pocket.

A-LINE SKIRT has pleated front, self belt, buckle. Both Bulwark, 50% polyester-50% combed cotton. Lilac, blue, 8-16.

GAYLORDS

SAVES YOU MORE!

2306 Southwest Memorial Parkway
Huntsville, Alabama

Team Studies Water, Pollutants On Arsenal

A general water quality survey has been completed at Redstone Arsenal but it likely will be several weeks before results are known.

"We will complete a final report on conditions at Redstone and will return it to the Army Missile

11 States Will Hold Primaries In June

WASHINGTON (ANF) — Eleven states will hold primary elections in June to select candidates for general elections Nov. 3, 1970.

Primaries in California, Iowa, Mississippi, Montana, New Jersey and South Dakota will be June 2; New Mexico June 3; South Carolina June 9; Maine June 15; and Delaware and New York June 16.

New York and Delaware prohibit absentee voting in primary elections but permit qualified armed forces members and their spouses and dependents to vote by absentee ballot in the November general elections. The Federal Post Card Application (Standard Form 76) may be used to obtain a ballot. It is distributed by the U.S. Government through the General Services Administration.

"Your wife says you can't keep anything from her."

"She's mistaken. I have a quarter inside the lining of my vest at this very moment."

Command within three or four months," Army Captain Stuart Raef said this week.

Capt. Raef and a 14-man crew from the Army Environmental Hygiene Agency at Edgewood Arsenal, Md., have just concluded eight days of water sampling at the invitation of the Missile Command. The team took hundreds of samples from various sites on the arsenal and from streams flowing off.

"Our report will show what the water conditions are, what type of pollutants are being dumped into streams, and we'll make recommendations to alleviate problems," Capt. Raef said.

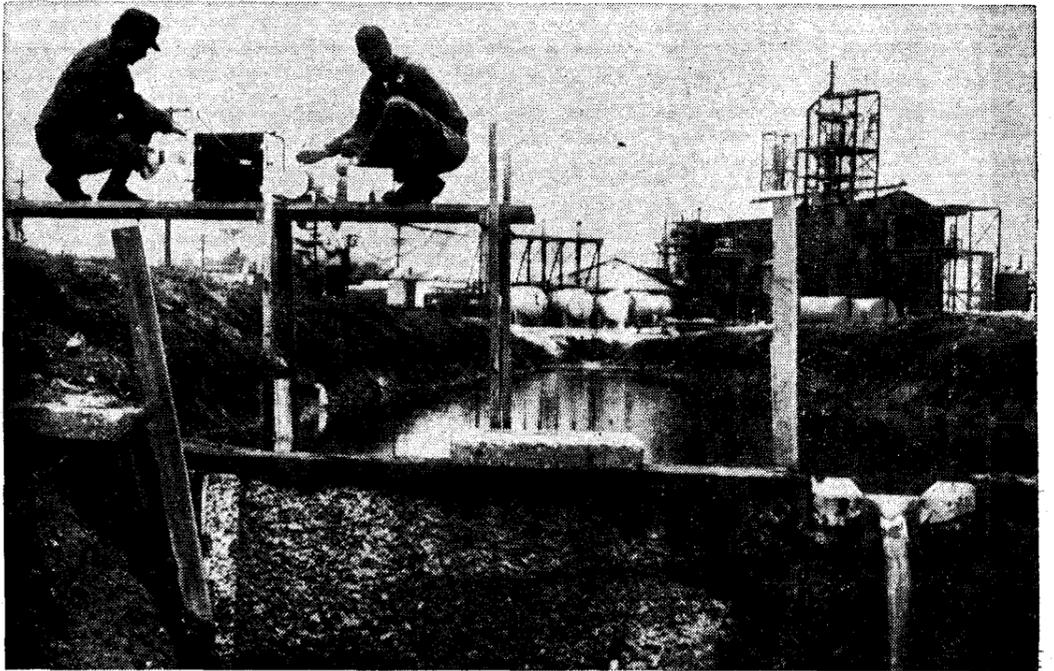
The general survey featured broad looks at the arsenal water supply as well as domestic and industrial waterborne waste disposal.

Among areas closely studied were disposal from industrial operations on the installation.

Capt. Raef and his environmental specialists also studied the effects of discharges from both the Arsenal and City of Huntsville sewage plants.

Working out of two vans completely equipped for testing many types of pollutants, the Edgewood Arsenal crew was able to perform many analyses at Redstone. But samples of such materials as heavy metals and DDT were returned to Edgewood for analysis.

The final report will come from there.



REDSTONE WATER EXAMINED—Environmental specialists from Edgewood Arsenal, Md., check industrial waste feeding into Redstone Arsenal streams. The 14-man Army crew has just concluded eight days of water sampling here at the invitation of the Army Missile Command.

Dr. Shutz Sets Talk

Dr. Frederick W. Schutz, Jr., Professor of Civil Engineering at Georgia Tech. will speak to the Huntsville Georgia Tech Alumni Club on Thursday, May 14th, at the Russel Erskine Hotel. All alumni, wives and guests are urged to attend.

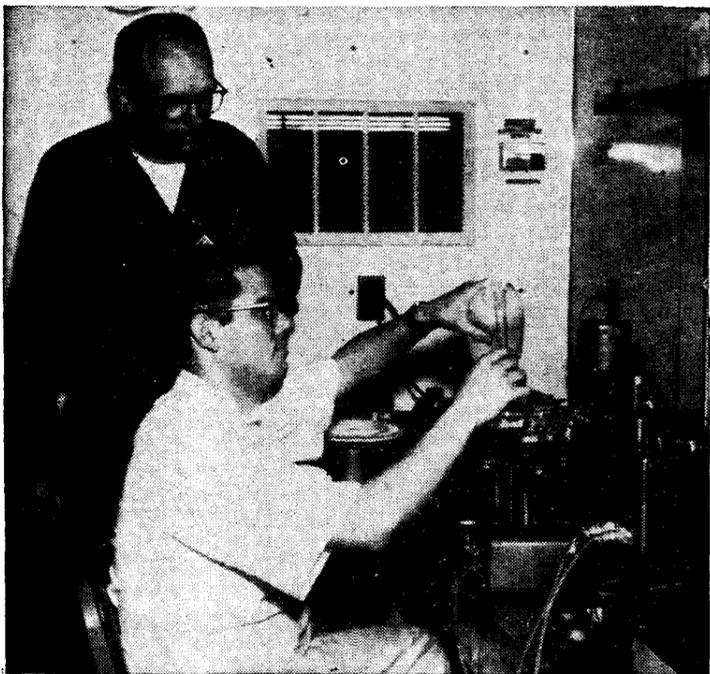
A wide variety of topics will be discussed, including the Junior Engineering Technical Society. The hospitality committee will be

on hand at 6:30 p.m. Reservations should be telephone to 881-1627 or 536-6980.

Since September 1967 Dr. Schutz has served as State Coordinator for Junior Engineering Technical Society (JETS). JETS is a high school club activity which is aimed at giving high school students a better understanding of the technological society and their future opportunities as engineers, scientists and technicians. He is also the

Georgia representative of the Engineers' Council for Professional Development in matters connected with career guidance and high school contacts.

Dr. Schutz originated the Joint Enrollment Program for High Schoolers in the summer of 1968. He is also the Coordinator for Dual Degree Program between Tech and Atlanta University Center College and West Georgia College.



POLLUTION CHECK—A lab technician analyzes one of hundreds of water samples taken from selected Redstone sites. Many analyses were done on the Arsenal. Other samples, containing heavy metals and DDT, were returned to Edgewood for analysis. It will be several weeks before the Army Environmental Hygiene Agency completes its report on water conditions here.

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)

FOR SALE \$22,000.00 AVAILABLE

8% Real Estate Bonds
First Mortgage
ON THE HUNTSVILLE, ALA.

Farris Drive Church of Christ

Formerly Franklin St. Church of Christ
Issued in \$100-\$500-\$1000 Denominations

- Interest Paid in Coupon Form
 - 6 to 11½ Years
 - Payable Semi-Annually
 - March and September Each Year
- FOR THE AMOUNT YOU DESIRE Call or Write
MR. DALLAS WALKER or MR. CHARLES HAMPTON
609 Kennan Rd., N.W. 1604 Calvary St.
Phone 852-8452 Phone 534-1368
Huntsville, Ala. 35811 Huntsville, Ala. 35805

OLDSMOBILE'S



1970 OLDSMOBILE NINETY-EIGHT Town Sedan

NEW
HOME

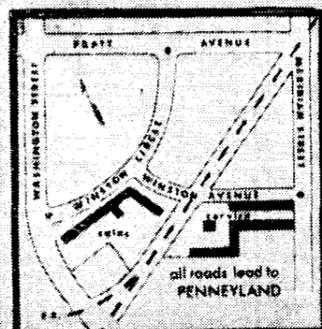
—AT—

BILL PENNEY'S



Complete Sales & Service

VISIT OUR NEWLY EXPANDED FACILITIES
AND SHOP OUR NEW OLDSMOBILES.



**BILL PENNEY
MOTOR CO.**

604 Winston Circle
Phone 539-8184

Howard Specializes In Intricate Camera Work

If it takes a special talent to repair the delicate mechanisms of a camera, then the Army Missile Command has a man for the job in William B. Howard.

Howard, a photographic equipment repairman, is not only able to repair intricate high speed motion picture cameras, used on missile test ranges, but he brings a special talent to the job. Bill Howard is blind.

Howard, who works in the Electronic and Photographic Section of the Maintenance Division, Directorate of Arsenal Support Operations, seldom refers to his blindness as a handicap, however.

"Of course I can't make any optical adjustments or repairs," he said, "but mechanical repairs are a different ball game."

At Redstone Arsenal, Howard uses his hearing and his sense of touch to outfox the most complex

camera repair problems.

"Sense of touch and good hearing are valuable aids to the camera repairman with perfect vision also, and without them he is in trouble," commented Howard.

"You must realize that a high speed motion picture camera is very similar to a car engine. When something goes wrong with the film drive mechanism, you can hear it, and if you can, you can make a good guess at what went wrong," he said.

Howard teams up with other repairmen in his shop to check optical correctness of the cameras he repairs. Team work doesn't end in the shop either.

"Bill and I often are called to a firing range to determine if we can repair a camera in the field or whether it must be taken to the shop," said Wayne Millimaki, also a camera repairman.

"Diagnosing a sick camera on

the range isn't the easiest thing to do," Howard said. "After checking to see if the wrong film was used or if the camera was hooked up incorrectly, the camera is disassembled far enough to determine if it can be repaired in the field or if it will have to be taken back to the repair bench."

Cameras that Howard and his fellow workers repair are very complex and range from the 16mm Mitchell camera which takes 400 pictures a second to the 70mm Flight Research camera which utilizes a large negative format.

In spite of his blindness, which most people would consider a tremendous barrier to his type of work, Bill Howard has acquired an outstanding reputation as a camera repairman for a highly specialized breed of motion picture camera. But this, after all, isn't unusual because Bill Howard is a special breed of man.



CAMERA REPAIR EXHIBIT—Bill Howard, an Army missile command camera repairman, explains his exhibit for visitors to the 1969 Alabama Federation of the Blind Convention held this past fall in Gadsden, Alabama.

ROTC Scholarships Increase By 300 In Latest Awards

WASHINGTON (AFPS) — The Army has selected 1,242 high school seniors to receive four-year ROTC scholarships—an increase of more than 300 from the number offered last year.

The scholarships are valid at any of the 281 colleges and universities offering the four-year Army ROTC program. Each student receives \$50 per month subsistence allowance and the scholarship pays for tuition, books and lab fees.

The Army also is awarding 400 three-year and 815 two-year scholarships to college students already enrolled in the ROTC program.

The number of Army ROTC scholarships in effect for the 1970-71 school year will total 5,500. This is the first year the total number of scholarships authorized by Congress will be in force, Army officials said.

The selection of scholarship recipients is based on academic excellence, extracurricular activities, physical standards, scores received on either the Scholastic Aptitude Test (SAT) or the American College Testing Program (ACT), and the evaluation of motivation and leadership potential.

Beginning in September, applications will be processed for Army ROTC scholarships for the school year 1971-72.

Scholarship students upon graduation, are commissioned second lieutenants and serve on active duty for four years.

New Arrivals

SFC and Mrs. John A. Goltz, boy, Jeffrey Wallace; and SP5 and Mrs. Steven L. Gustafson, boy, Gregory Alan, April 24.

SP4 and Mrs. Stephen R. Cox, boy, Christopher Steven; and PFC and Mrs. David R. Hicks, girl, Jennifer Ray, April 25.

PFC and Mrs. Robert E. Garner, boy Rayilyn Lamr; and SP5 and Mrs. John D. Hanks, Sr., boy, John Derk, Jr., April 26.

SP5 and Mrs. Bill H. Hartman, girl, Tammy May, April 28.

More than 777,000 veterans, servicemen, wives, widows and children will receive increased educational allowances under a bill signed recently by the President, according to the VA.

Page 12 The Redstone Rocket — May 6, 1970

SALE OF SALES

WITH PRICES THAT ARE "OUT OF THIS WORLD"

—CHEVROLET—

- 1966 Chevrolet Caprice — Air, power, vinyl top. \$2,495.
- 1963 Chevrolet Impala S — Automatic, and power \$995.
- 1966 Chevrolet Impala — 2 door hardtop, air and power \$1,595.
- 1963 Chevrolet SS Convertible ... \$695.
- 1967 Chevrolet Impala — 2 door hardtop, air and power, low mileage in warranty. \$1,895.
- 1966 Chevrolet Caprice — 2 door hardtop, air and power \$1,695.
- 1966 Chevrolet — 4 speed, 396 Super Sport convertible \$1,495.
- 1967 Chevrolet Camaro — Automatic and power. \$1,895.
- 1965 Chevrolet Impala — 9 passenger wagon, air and power, rack \$1,395.
- 1966 Chevrolet Caprice — 9 passenger wagon, air, power, rack \$1,795.
- 1968 Chevrolet Impala — Convertible. \$2,195.

—FORD—

- 1968 Ford Torino — Air, power, vinyl top. \$1,995.
- 1966 Fairlane Squire Wagon — 9 passenger, air, power, rack. \$1,595.
- 1965 Ford Country Squire \$1,195.
- 1967 Mustang — 3 speed, 6 cyl. \$1,495.
- 1968 Mustang — Automatic, air and power, V-8, 1,300 miles \$2,195.
- 1965 Mustang 2 Plus 2 — Automatic, V-8. \$1,195.
- 1967 Mustang — 6 cylinder automatic, vinyl top \$1,595.
- 1968 Ford 1/2 ton Truck — V-8, long wide bed, 16,000 miles. \$1,995.
- 1969 Ford Ranger — Local truck with only 6,000 miles \$2,495.
- 1965 Ford Fairlane — V8, automatic \$995.
- 1966 Mustang 2 Plus 2 Fastback \$1,495.
- 1965 Mustang — V-8 with air and stick shift \$995.
- 1964 Falcon — 6 cylinder automatic, with air, local car. \$895.

—DODGE—

- 1965 Dodge Dart GT — 2 door hardtop, V-8, 4 speed. \$1,195.
- 1968 Dodge Dart — 2 door hardtop, V-8, red with black vinyl top. \$1,895.
- 1968 Dodge RT — Air and power with vinyl top. \$2,495.

—CADILLAC—

- 1964 Cadillac — Air and power. \$1,495.
- 1968 Cadillac Sedan DeVille — New tires, fully equipped. \$3,995.
- 1967 Cadillac — Fully equipped, extra clean \$3,695.
- 1967 Cadillac El Dorado — Red with white top, leather interior \$3,995.
- 1962 Cadillac Coupe DeVille — Fully equipped including stereo, new tires and only 20,000 miles. \$4,195.
- 1962 Cadillac Coupe DeVille — Air and power. \$995.

—PLYMOUTH—

- 1966 Plymouth Fury III — Convertible, local one owner. \$1,495.
- 1966 Plymouth Fury III — 9 passenger wagon, air, power, rack \$1,695.
- 1963 Plymouth Fury — 4 door, air and power \$895.
- 1965 Plymouth Valiant — 4 door, air and power. \$995.

—OLDSMOBILE—

- 1966 Olds Delta — 4 door, air, power, low mileage \$1,495.
- 1963 Olds 98 — 4 door \$695.
- 1967 Olds Delta 88 — 4 door, air and power. \$1,995.

—PONTIAC—

- 1968 Pont. Firebird — Automatic, power, vinyl top, low mileage. \$2,395.
- 1968 Pont. Bonneville — Air, power, vinyl top, 20,000 miles. \$2,695.
- 1968 Pont. Executive — 4 door, vinyl top, air, and power. \$2,295.
- 1966 Pont. Bonneville — Air and power \$1,595.
- 1968 Pontiac GTO — Vinyl top, air and power \$2,695.
- 1966 Pont. LeMans — 2 door hardtop, air and power. \$1,695.

—BUICK—

- 1966 Buick Electra — 2 door hardtop, air, power, stereo. \$1,895.
- 1969 Buick Electra — 4 door hardtop, air, power, low mileage. \$3,995.
- 1966 Buick Skylark — Local one owner, air and power. \$1,595.
- 1966 Buick Skylark — Local one owner, air and power \$1,595.
- 1970 Buick Skylark — Vinyl top, air and power (3) \$3,495.

—MISCELLANEOUS—

- 1966 Chrysler New Yorker — Air and power \$1,795.
- 1965 Lincoln Continental — Air and power \$1,495.
- 1966 Rambler American — 2 door hardtop, 6 cylinder, automatic. \$995.
- 1963 Rambler Wagon — Extra clean \$695.
- 1968 Javalin \$1,795.

—SPORTS CAR— HEADQUARTERS

- 1969 Triumph GT 6 — 9,000 miles, local car. \$2,795.
- 1969 Triumph TR6 — Like new, one owner \$2,995.
- 1969 Alpine GT — One owner, low mileage. \$1,995.
- 1968 MGB — One owner, local \$2,195.
- 1968 MG Midget — Sharp \$1,695.
- 1968 Triumph GT 6 — Local car \$2,295.
- 1967 TR-4 A — Convertible top, radio, IRS \$1,995.
- 1967 Datsun 1600 — Roadster, 27,000 actual miles \$1,495.
- 1967 MG Midget — Wire wheels, AM/FM \$1,395.
- 1966 Triumph Spitfire — Extra good car \$1,095.
- 1966 Triumph Spitfire — Good second car. \$595.
- 1967 Triumph Spitfire — Both tops, wire wheels, AM/FM \$1,595.

OVER 100 CARS TO CHOOSE FROM

"EVERYBODY DRIVES A USED CAR"

- 1968 Corvette Convertible — One owner, still in warranty, 327/350, 4 speed. \$3,895.
- 1968 Corvette Convertible — One owner, 26,000 miles, both tops, 327/350, 4 speed. \$3,995.
- 1967 Corvette Coupe — Air, automatic, off road exhaust 427/400 Wholesale. Special \$2,995.
- 1966 Corvette Coupe — Factory knock off Mags, new tires, 427/425, 4 speed. \$2,795.
- 1956 T-Bird, Hardtop, new tires, good motor. \$1,495.
- 1967 Simca \$695.
- 1968 VW — One owner, local, very low mileage \$1,595.
- 1964 Mercedes — 190 sedan, standard shift, AM/FM \$995.
- 1969 Mustang Grande — AM/FM stereo, power, automatic, air \$2,995.
- 1969 Mustang Mach 1 — Air, power, disc, power steering, 351 engine. \$2,995.
- 1967 Cougar — 19,090 actual miles, power and air \$2,195.
- 1966 Mustang — 289 automatic power. \$1,495.
- 1966 Mustang — 289 automatic, convertible. \$1,395.
- 1965 Mustang Convertible, V-8, automatic, power \$1,195.
- 1965 Corvair Corsa — 4 speed, 180 horsepower, Convertible. \$795.
- 1965 Corvair — Coupe \$695.
- 1966 GTO — 389, 4 speed \$1,695.
- 1967 Tempest — 4 door, automatic, power, overhead cam 6 \$1,495.
- 1957 Chev. Bel Air — 2 door hardtop, "69" 327/300 \$1,295.
- 1957 Chev. Bel Air — 2 door, 301 engine, two 4 barrels \$495.
- 1967 ElCameno — Custom bucket seats, automatic in floor, power steering and brakes, air conditioning, 327/275, \$100 below NADA AVG. \$1,575.



HUNTSVILLE'S "USED CAR KING"

ROYAL MOTORS

DEWEY BRAZELTON, OWNER

1000 Whitesburg Drive (Across from Huntsville Hospital) 539-0446

Sports Car Headquarters (Across the Street)

536 6301

All Haircuts

\$1.00

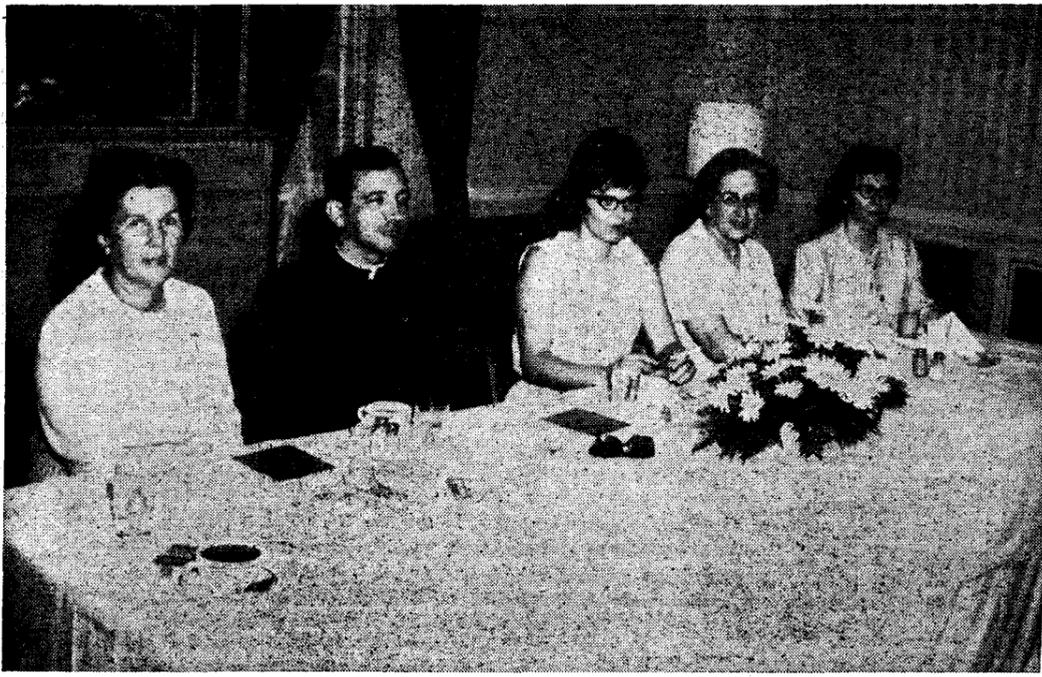
open weekdays 9 to 7 Saturdays 8 to 5:30

SHARP'S

Barber Shop

Holiday Plaza Shopping Center

Cor. Bob Wallace & Patton Road



NEW SODALITY OFFICERS—After Mass and installation of new officers in Our Lady, Queen of All Saints Catholic Sodality, members attended brunch in the Pershing Room at the Redstone Officers Open Mess Friday. Left to right are: Mrs. Warden Kimmins, vice prefect; Father John J. Giamona, Mrs. John Manuel, prefect; Mrs. John J. Hunt, treasurer and Mrs. John Wunderlich, secretary.

REGISTERS NUMBER
WASHINGTON (AFPS) — More numbers are being added to the Army Register. The next volumes will carry the Social Security numbers of each commissioned and warrant officer on active duty as of Dec. 31, 1969.

QUIETER HELICOPTER
WASHINGTON (AFPS) — The Army has awarded a New York research firm a \$68,000 contract to seek ways of reducing helicopter rotor noise. The investigation is expected to last about 12 months.



HOSEA CHANEY
"Your Metropolitan Man"



**ATTENTION
SERVICE MEN**

YOU ARE NOW ABLE TO PURCHASE \$5,000 PERMANENT LIFE INSURANCE EVEN IF YOU ARE GOING OVERSEAS!

Metropolitan Life

See or Phone Hosea
539-8717 or 536-0137

250 GOVERNORS DRIVE



Homestead Mobile Home Sales and Shelby Cole Invite You to See the Greatest Display of Mobile Homes Anywhere . . .



SHELBY COLE
Manager

Invites all his friends and former customers to visit him at his new location.



Just One of Our Lovely Bedrooms

- 12 Wides
- 24 Wides
- 2 and 3 Bedroom
- Exquisite Furniture
- 1 - 1½ and 2 Baths
- Finest Quality
- Excellent Trade-in Program
- 10 Year Financing
- Open Daily 8 a.m. to 8 p.m.
- Open Sunday 1 p.m. to 7 p.m.



**STAKE YOUR CLAIM
ON A HOMESTEAD TODAY . . .**

\$9.00 Deposit

**Will Hold the Mobile Home
of Your Choice.**

Homestead Mobile Home Sales

407 GOVERNORS DR., W.

(½ Mile off Jordan Lane)

DIAL 837-4884

WANT ADS

WANT AD RATES—\$2.50 minimum per weekly insertion, covering first 25 words. 8 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

WORKING WOMAN wants to share 3 bedroom, livingroom, dining room, kitchen, den home with another working woman, phone 881-0928 after 4 p.m. ITC

3. Miscellaneous

CUSTOM FITTED BRAS., girdles and swim wear, look your best at the pool in a bathing suit that fits, flatters and curves. Phone Pat Robinson 852-2063. tfnc

CAMPERS—MOBILE HOME Owners, call us for quotes on your insurance for camper and mobile homes. Tillman Williams Insurance Agency, 502-Pratt Ave. phone 534-7336. 5-13-c

7% FIRST MORTGAGE—Church Bonds, interest paid semi-annually. First interest due June 1. For information, phone 837-2276. 5-13-c

"AMERICA BY CAR" tells you what to see and where to go in every corner of the U.S. lists scenic roads, important sights, best places to eat and stay. This big book—170,000 words is as large as 3 novels. Discover this great country by car. Only \$2.50. ELDON MC BRAYER 412(R) Arthur St. Huntsville, Ala. 35895. 6-10-p

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. tfc

5 1/4% MORTGAGE, large 4 bedroom house near Davis Hills School, carpet, air condition, garage, patio, family room, fire alarm, disposer, etc. \$1,500 equity. Smock 852-0758. ITC

6. Pets

WANT A FAMILY PET? — Support your local Greater Huntsville Humane Society, adopt a kitten or puppy. We have no shelter and these pets need a home now, just call 536-2481. tfnc

OUTSIDE DISPLAY OF U.S. ARMY FLAG

During weather conditions which would adversely affect proper handling of the U.S. Army flag with streamer set, the Department of the Army has authorized commands to limit representation to each war or conflict to two streamers. These two streamers should correspond to the first and last campaigns for each war or conflict. One streamer for the Mexican Expedition should also be displayed, bringing to 25 the total number of streamers to be attached to the U.S. Army flag. On all other occasions, the full streamer set should be displayed on the U.S. Army flag. (ANF)

The VA says both "honorable" and "general" discharge certificates issued by the military service are completely and equally acceptable in determining eligibility for veterans benefits.



EDUCATION AWARD—James E. Brannon, center, who has just received an Army education award, is congratulated by Brig. Gen. George H. McBride, deputy Commanding General of the Missile Command. Brannon will attend the University of Virginia during the 1970-71 academic year. He is a contract negotiator in the Procurement and Production Directorate. Mrs. Brannon shared the congratulations.

Negotiator Will Attend University Of Virginia

A young contract negotiator from the Missile Command Procurement and Production Directorate has received an Army career education award which will enable him to attend the University of Virginia for the 1970-71 academic year.

James E. Brannon, who came to Redstone in 1965 from a position with the Civil Service Commission in Mobile, was the only person from the Missile Command select-

ed for the program. Personnel from all government agencies and private industry are considered for the honor sponsored by the National Institute of Public Affairs.

The one-year training program is designed to enhance the capabilities of young people who have the potential to fill high level policy and management positions. Eight universities participate in the continuing program. When a

candidate is named, the university is chosen which offers the best educational opportunities for his particular talents.

Brannon is a graduate of Mississippi State University where he earned a bachelors degree in political science. He is the son of Mr. and Mrs. Lloyd Brannon of Laurel, Miss.

Other persons from the Missile Command who have received the career education award are Robert J. Spazzarini of the Chief Counsel's Office who is now attending Harvard, and David L. Stanbrough of the Management Information Systems Directorate who attended the University of Virginia in the 1968-69 academic year.

Army Publication Offers Policy Tips

WASHINGTON (AFPS) — The Army has authorized publication of a quarterly magazine to "bridge the gap between high-level policy and practical military personnel operations."

Titled "Tips," the 64-page magazine will be similar in purpose to the popular "PS," the preventive maintenance magazine, with emphasis on information designed to increase the efficiency of personnel specialists worldwide.

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!

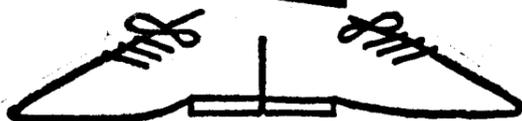
PHONE 881-5510

HOUSE OF TYPEWRITERS

12879—So. Memorial Parkway
(Across From Farley Junior High)

TYPEWRITERS TYPEWRITERS

ATTENTION



All you men with a need for money, the word is "ASK GAC!" That's right, whenever you need money in a hurry, phone or visit your nearby GAC office. We're geared for fast action. So, pass the word along!

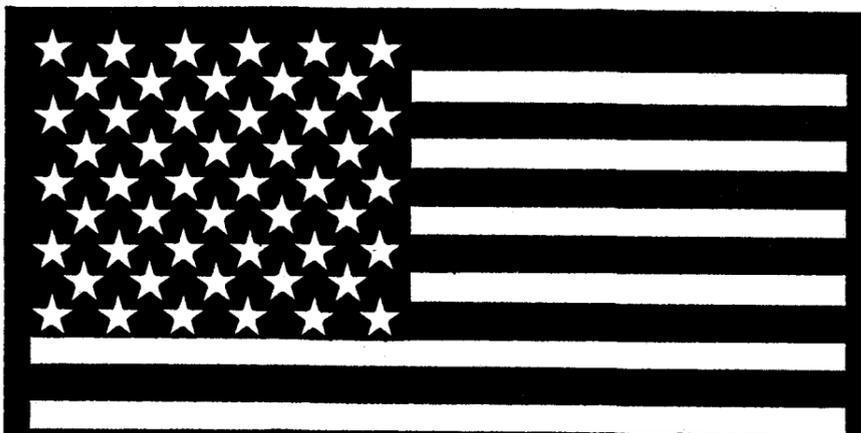
People who want better things to happen now

ASK GAC LOANS UP TO \$300
Under State Supervision

GAC FINANCE CORPORATION
LOANS \$350 TO \$2000

GAC DISCOUNT COMPANY

HUNTSVILLE
813 Randolph Ave., S.E. Phone 539-5731
8306 Governors Drive, West Phone 539-6566



WE'LL FIND A HOME FOR YOU IN ANY OF THEM

You tell us where—we'll find the home you want, tailored to your needs and budget. Our service is nationwide, through 2500 AIMS Affiliates. We'll see that you get full data on your community-to-be, brochures of selected available properties... and are met and "shown the town" by professionals who are interested in serving your needs promptly and efficiently.

Buying "out-of-town" or selling here "in town" we are at your service from coast-to-coast. Call today!

Frank Harris Realty
8108 S. Mem. Pkwy. - Ph. 883-1893
Huntsville, Ala.

Serving the Nation from Huntsville



NATIONWIDE MEMBER

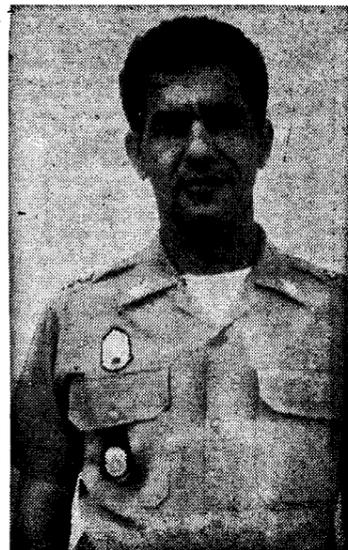
Iranian Earns Second AUSA Scholastic Award

Iranian First Lieutenant Parviz Khorami seized top honors at Friday's graduation of the Missile and Munitions Center and School. Lt. Khorami achieved a 98.3 average in the ammunition storage course, qualifying him as a recipient of the Association of the United States Army (AUSA) award. This is the second time that Lt. Khorami has received this outstanding recognition. In February, he was graduated with high honors in the ammunition records course.

Clinton Grace, AUSA representative, also presented the award to Spec. 5 John V. Couch Jr., of Spencer, Ind., who had a 96.3 in the Pershing digital equipment repair course. This award is presented only to those students who achieve an average of 96 or higher in their studies here at the school. Guest speaker Maj. Robert E.

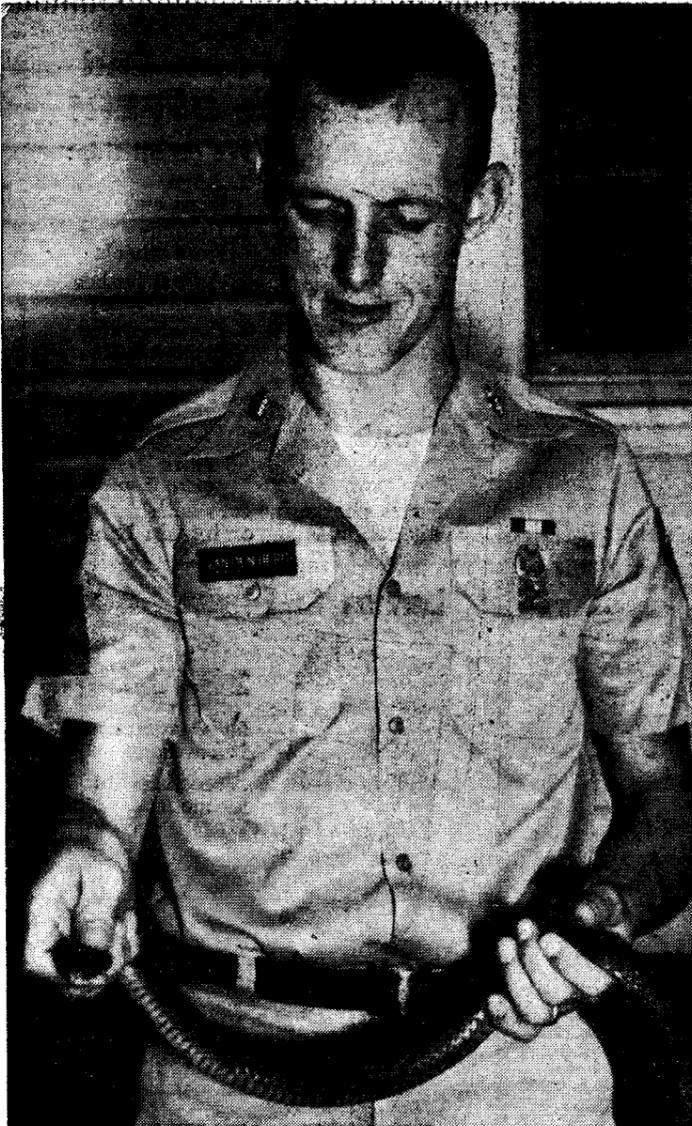
Vanlandingham, chief, Course Development Division, USAMCS, presented certificates of recognition to SFC I-Yuan Chang, Tiawan, China, having a 90.9 in the Nike test equipment repair course; Pfc Robert V. Small, Oklahoma City, with a 90.8 in the land combat missile system repairman course; and Pfc Warren L. Sponseller, Louisville, Ohio, having a 94.7 in the missile system apprentice course.

Prior to the presentation of awards, Maj. Vanlandingham encouraged the graduates to accept three challenges: "Continue to learn more about your job and the people with whom you work; develop and display individual pride of conduct; and enjoy that inner satisfaction that comes from a strong individual pride of performance."



LT. PARVIZ KHORAMI

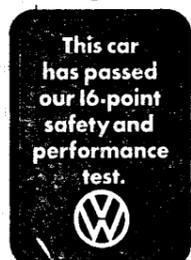
The VA urges college veterans studying under the G.I. Bill to return their certification of attendance cards during the last full month of every enrollment period so final checks for that period may be prepared.



WATCH FOR SNAKES—Sp4 Jerry Van Den Berg, deputy game warden, holds a red belly water snake captured on the Arsenal. The Game Warden's Office has captured a variety of snakes; including several cottonmouth moccasins. Redstone Arsenal personnel are cautioned to watch for snakes now that warm weather is approaching. Cottonmouths like tall grass around ponds and they frequently drop off trees into boats near the bank.

The VW sticker.

No car should be without one.



This sticker means a car has passed our 16-point safety and performance test.

It means a car has our 100% guarantee that we'll repair or replace all major mechanical parts* for 30 days or 1000 miles, whichever comes first.

It means you can get a used car and not have to worry about getting stuck.

*engine, transmission, rear axle, front axle assemblies, brake system, electrical system.

VW TRADE-INS

- 1967 COUGAR** \$1895.
Tan with black vinyl top, automatic.
- 1966 PONTIAC LeMANS** \$1595.
Sport coupe, automatic with air, radio and sharp.
- 1966 CHEVROLET IMP.** \$1495.
4 door hardtop, white with power and air.
- 1966 FALCON FUTURA** \$1295.
4 door sedan, dark green, straight shift. New tires and air condition.
- 1964 RAMBLER AMERICAN** \$1095.
4 door sedan, automatic drive, radio. Almost like new. 9,000 miles.
- 1969 VW SQUAREBACK** \$2995.
Red with automatic drive, air condition, radio, 6,600 miles.
- 1969 VW FASTBACK** \$2095.
Diamond blue, black vinyl interior, radio, 4-in-floor shift.
- 1969 GHIA COUPE** \$2295.
Yellow with automatic drive, radio.
- 1969 VW SEDAN Automatic** \$1895.
Diamond blue, radio, black leatherette interior.
- 1968 VW SEDAN** \$1495.
Diamond blue, radio, black interior.
- 1966 VW SEDAN** \$1295.
Light blue with radio, leatherette interior.
- 1966 VW SQUAREBACK** \$1395.
White with red interior. Radio.

Universal Volkswagen

2305 No. Parkway — Pho. 539-7454

APRIL ... SHOWERS BRING MAY ... FLOWERS.

SPRING ALSO BRINGS THE URGE TO RE-DECORATE YOUR HOME.

IF YOU ARE LOOKING FOR A GOOD PLACE TO BUY FURNITURE TRY ... HALE BROTHERS

YOU'LL LOVE OUR VALUES!

HALE BROS. FURNITURE CO.
106 Jefferson St. (Downtown)
CHARGE ACCOUNTS INVITED
Free Customer Parking Member of Park & Shop
● You can pay your Telephone Bill here.

Firestone Close-out Specials

DISCONTINUED DESIGNS & FACTORY BLEMS

Hurry... don't miss out! Limited quantities some sizes & types!



Firestone
"500"®

America's favorite
high performance tire.

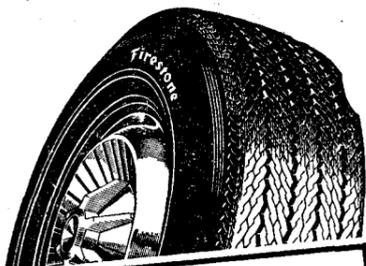
7.75-14 or 7.75-15

4 FOR
\$102

Whitewalls 4 for \$116

Size	Blackwalls 4 For	Whitewalls 4 For
6.50-13	\$88	\$100
7.35-14 or 15	\$96	\$110
8.25-14 or 15	\$112	\$128
8.55-14 or 15	\$124	\$140
8.85-14 or 15	\$138	\$156
9.00-15	\$142	\$162

All prices plus \$1.78 to \$2.87
per tire Fed. Ex. tax and 4
tires off your car.



Firestone
Deluxe Champion®

Original equipment on many
new cars '67 thru '69.

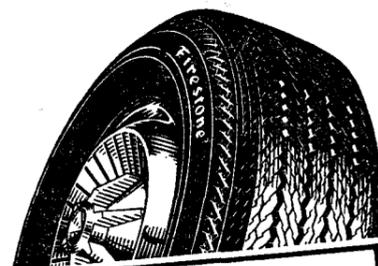
7.75-14 or 7.75-15

4 FOR
\$90

Whitewalls 4 for \$102

Size	Blackwalls 4 For	Whitewalls 4 For
6.50-13	\$76	\$88
6.95-14	\$78	\$90
7.35-14 or 15	\$84	\$96
8.25-14 or 15	\$98	\$112
8.55-14	\$108	\$124
8.85-14 or 15	\$126	\$142

All prices plus \$1.65 to \$2.62
per tire Fed. Ex. tax and 4
tires off your car.



Firestone
Safety Champion®

A popular full 4-ply
nylon cord replacement tire.

7.75-14 or 7.75-15

4 FOR
\$74

Whitewalls 4 for \$84

Size	Blackwalls 4 For	Whitewalls 4 For
6.50-13	\$66	\$76
7.00-13	\$68	\$78
7.35-14 or 15	\$72	\$82
8.25-14, 8.15-15	\$86	\$96
8.55-14, 8.45-15	\$94	\$104
8.85-15	—	\$116

All prices plus \$1.78 to \$2.87
per tire Fed. Ex. tax and 4
tires off your car.

Firestone SUPER SPORTS WIDE OVAL®

Discontinued design
2-ply, red or white
stripe... hurry for
best selection.

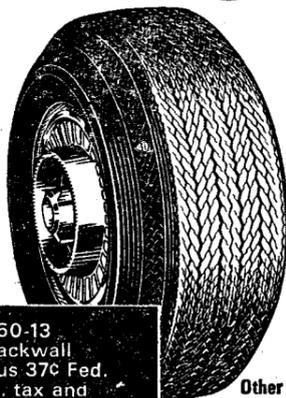
4 FOR
\$90

Any size
in stock.
Plus \$2.24 to \$2.85
per tire Fed. Ex.
tax and 4 tires off
your car.

RETREADS

FIRESTONE DLC-100®

Same high quality
SUP-R-TUF® rubber as
new Firestone tires.



\$10

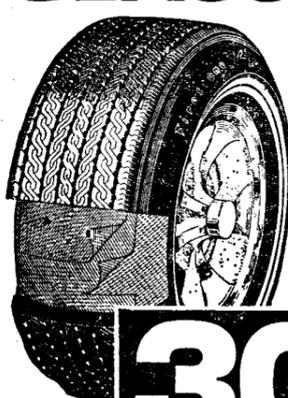
6.50-13
Blackwall
Plus 37¢ Fed.
Ex. tax and
recappable tire
off your car.

Other sizes
similarly
low priced.

GLASS-BELTS

FIRESTONE DELUXE CHAMPION SUP-R-BELT

FACTORY BLEMS
Slight appearance
blemishes in no way affect
wear or performance.



30% OFF

similar
tires if
1st quality

Brake & Front-End Car Service OFFER!



We do all this:

1. Align front end
2. Balance front wheels
3. Adjust brakes (drum-type)
4. Repack outer front wheel bearings

for only **\$995**
Parts
extra if needed

Extra charge for cars with
air conditioning or torsion bars.

Lawn & Plant Food



20-10-5

5,000 square
ft. coverage
... feeds grass
for months.

Limit 2 bags
per customer
... additional
bags \$2.99

\$199
Per Bag

Firestone Transport®

Heavy-duty 6-Ply
nylon cord tires
for PICKUPS,
VANS &
CAMPERs
at low
everyday
prices



\$2340
6.70-15
Black tube-type

6.50-16 Black tube-type **\$2560**
7.00-15 Black tube-type **\$3085**

All prices plus
\$2.40 to \$2.85
Fed. excise
tax and tire
off your vehicle.

COUPON

Brake Adjustment



88¢

COUPON

Front End Alignment



\$5.88

COUPON

Lube & Oil Change



\$3.88

FIRESTONE STORES

1301 NORTH MEMORIAL PARKWAY
(Across From King's Inn)
PHONE 539-7441

A
N
D

CORNER GREENE & CLINTON
Downtown
PHONE 539-8148