



Will A. Lewis

Lewis Gets AIAA Award

Will A. Lewis is the recipient of the 1970 Martin Schilling award. The Director of the Army Missile Command's Structures and Mechanics Laboratory, Research and Engineering Directorate, accepted the honor last week at the 19th annual awards banquet of the Alabama Section of the American Institute of Aeronautics and Astronautics.

Making the presentation was Dr. Martin Schilling, Vice-President of Research and Development for Raytheon Company, for whom the award was named. Dr. Schilling was first president of AIAA.

Other award winners were Dr. Schilling, who got the Holger N. Toftoy award and Dr. Hermann K. Weidner, winner of the Hermann Oberth award.

Dr. John L. McDaniel, Director of Research and Engineering at the Missile Command, who is president of the Huntsville Section, AIAA, presided over the banquet which was held in conjunction with

(See LEWIS GETS on Page 3)

Freedom Letter Due November 1

Entries in the 1970 Freedoms Foundation letter writing contest should be mailed to Freedoms Foundation, Valley Forge, Pennsylvania 19481, by Nov. 1.

The subject of this year's contest is "Freedom—Privilege or Obligation?" All military personnel are eligible to enter. In announcing the subject for 1970, the Foundation said it hopes to stimulate the thought of service men and women on the subject of freedom as it is known in the United States of America, and to call attention to the obligations which all citizens and particularly those serving in the Armed Forces, have in maintaining and protecting this freedom.

Entries need not be a "letter" as such but may be in essay or poetry form. They should be no less than 100 nor more than 500 words in length. If letter style is used the addresses may be any person or organization, real or imaginary. Entries should contain type-written name, rank, serial number, branch of service and complete unit address as well as permanent home state address and zip code.

Awards will include \$1,000 and the Defender of Freedom Award (active duty), \$1,000 and Encased George Washington Honor Medal (reserves), additional awards \$100, \$50, George Washington Honor Medal and Honor Certificate awards.

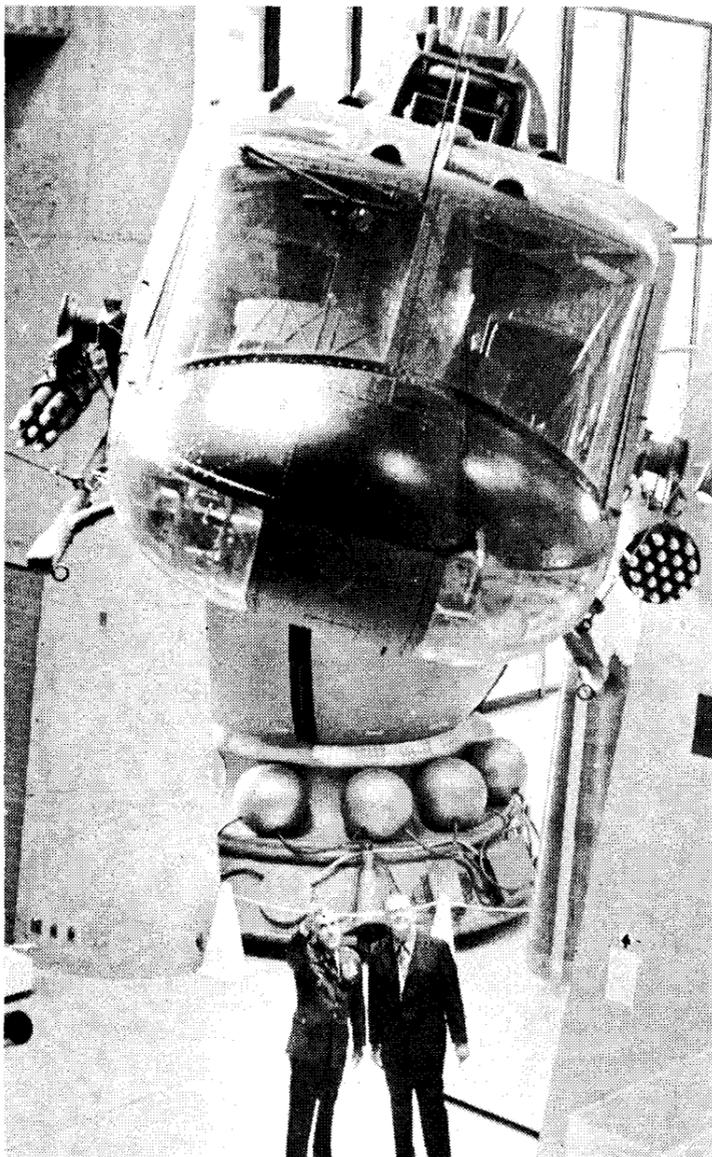
Parallel awards will be offered this year to members of the Armed Forces of the Army, Navy, Air Force, Coast Guard, Marine Corps and to Reserve Forces (National Guard and ROTC).

THE REDSTONE ROCKET

VOL. XIX; NO. 21

Published in the Interest of the Personnel of Redstone Arsenal
REDSTONE ARSENAL, HUNTSVILLE, ALABAMA 35809

SEPTEMBER 30, 1970



GUNSHIP—Col. Eugene J. McGinnis, Missile Command chief of staff, points out a feature of the HU-1B "Huey" to Senator Jack Giles, chairman of the Alabama Space and Rocket Center Commission. The Missile Command turned the Huey, complete with two types of locally managed air to ground 2.75 inch rocket launchers, over to the Center for public display recently. Rebuilt from a crashed gunship by the Exhibit Division of the Arsenal Support Operations Directorate, the helicopter was hung from the ceiling in the Space and Rocket Center by a crew from Post Engineer Division.

Competitive Level Review Underway

Competitive levels of all civilians in the Army Missile Command competitive area are undergoing review to insure that proper levels are assigned before the Command is reorganized later in the Fall.

Competitive levels consist of all jobs so similar in scope that an agency can readily move a person from one position to another without significant training or undue interruption of work. The competitive area is the geographical or organizational limit within which persons compete for retention.

The area being covered by the present review includes the Missile Command, Safeguard Logistics Command, the Army Hospital at Redstone, the Army Combat Development Maintenance Agency - Missile and Munitions Division, and the Army Strategic Communications Command - Safeguard Resident Office Communications Detachment.

The review is being conducted by appointed committees from all work areas. These committees will

make recommendations to a Competitive Level Review Board which will in turn serve in an advisory capacity to the Civilian Personnel Office and the Commanding General of the Missile Command.

Purpose of the review is to provide competitive levels which are neither too narrow nor too broad and which will give maximum protection to both management and individuals.

(See REVIEW on Page 3)

The Redstone Rocket is published by the Enquirer Printing Co., a private firm in no way connected with the Department of the Army. Opinions expressed by writers herein are their own and are not to be considered an official expression by the Department of the Army. The appearance of advertisements in this publication does not constitute an endorsement by the Department of the Army of the products or services advertised.

Kickoff Meeting Launches '71 CFC

MP Shortage Changes Gates

Because of a shortage of Military Police, several entrance gates are not being manned during daylight hours and some are now closed during the night.

Visitors should still be directed through the visitors reception center at Gate 1 (Main Gate).

Gates and their new hours of operation are:

Gate 1 (Main Gate): staffed and open at all times.

Gate 2 (Buxton Road): not staffed, open 6 to 8:30 a.m. and 3:30 to 5:30 p.m., Monday-Friday only.

Gate 3 (Near Post Headquarters): staffed and open at all times.

Gate 5 (Hale Road): not staffed; open 6:30 to 8:30 a.m. and 3:30 to 5:30 p.m., Monday-Friday.

Gate 7 (To Jetport): not staffed; opened 6 a.m. to 6 p.m., Monday-Friday.

Gate 8 (Goss Road): open at all times; staffed 6 p.m. to 6 a.m.

Gate 9 (Rideout Road): open at all times; staffed 6 p.m. to 6 a.m.

Gate 10 (Patton Road): staffed and open at all times.

Happy Birthday

TOW is six.

That will be the theme tomorrow night when military and civilian missilemen connected with the Army's TOW tank killer gather for a sixth anniversary celebration. Happy birthday TOW.

"We are simply asking all of our people to consider those less fortunate, and then make a contribution to help them," Maj. Gen. Edwin I. Donley said in kicking off the 1971 Combined Federal Campaign in the Huntsville area on Monday.

The Commanding General of the Army Missile Command was the keynote speaker for the traditional kickoff rally at the Rocket Auditorium.

Attending the rally were some 400 campaign officials and area solicitors of the Missile Command and representatives from each of the other 22 Federal agencies that are participating in the annual fund raising drive.

The 1971 Combined Federal Campaign will be conducted at Redstone and throughout the Federal establishment in the Huntsville area over a six-week period.

It is the only fund-raising solicitation authorized by the various Federal agencies during the year. The funds raised go to support more than 150 local, national and international health welfare and social service agencies.

Each of the major recipient agencies were represented at the kickoff rally by an official of the organization who spoke briefly on the objectives of their respective groups.

Mrs. Ruth Ferreri, of Mobile, spoke of the work that is being accomplished around the world by

(See CFC on Page 3)



29th BIRTHDAY—The 29th Military Police Detachment is 29 and the ceremonial sword to cut the cake is being wielded by the youngest and oldest man in the outfit at present: 1SG James A. McFarland, Jr., whose birthday just happened to fall on Friday too, and PVT John Bland, 20 who has been here three months since completing basic training at Ft. Lewis Washington. The first sergeant has been with the 29th two years.

The Redstone Rocket

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

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

The Redstone Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates off post for the Rocket are \$7.42 a year, or \$4.00 for six months, tax included. Mailing arrangements may be made with the publisher, P.O. Box 520, Hartselle, Ala. 35640.

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

Rocket Ruminations

Admire those who attempt great things, even though they fail. —Seneca

Women's Lib

Women's liberation is a subject suitable for both soapboxes and salons (and even saloons) these days.

How does the movement apply to today's military woman? Hopefully, more and more careers and opportunities are being opened to more and more female members of the Army, Navy, Air Force and Marine Corps. As for responsibility, the Army recently established new precedents by promoting two lady colonels to the rank of brigadier general; both promotions were richly deserved. Quite probably, in the not too distant future, other Services will follow suit.

However, there are some military jobs that will probably remain



“men's work” for many years to come. This is not to say that a lady would not gladly perform as a combat infantry (wo)man or a boatswain(ess) if circumstances called upon her to do so, but as a steady day-to-day occupation, most of the distaff are just not physically able to do so. Indeed, in some military jobs, some of the men have a hard time keeping up with the physical rigors involved.

The outlook towards military women has radically about-faced during the three decades since World War II. Where once they were the butt of countless barracks jokes and sometimes the object of scorn, they are now accepted — even welcomed — into many career fields once barred to them, in which they perform on a par with, or even better than, their male counterparts.

For the most part, the military woman nowadays receives the traditional respect rendered womankind by civilized men for generations. Such respect has been a long time coming, and none too soon. The military woman has proved, by her steadfast example, that she is an equal member of the military team, and, as such, is due equal opportunity for promotion, recognition and financial reward with her brothers-in-arms. (AFPS Editorial)

Army Develops Low Pollution Fuel System

WASHINGTON (AFPS) — The Army has come up with an engine

that not only controls pollution but reduces fuel costs by as much as 40 per cent.

The U.S. Army's Tank-Automotive Command (TACOM), which developed the engine, is calling it HYBRID. The new engine uses a fuel injection system like that used on diesel engines.

Army engineers say the injection system is vastly more efficient than a carburetor. Their system injects precisely the amount of fuel needed at any given horsepower. The result is lower exhaust emissions and reduced fuel consumption.

LOCAL & LONG DISTANCE MOVING • STORAGE



“A Mayflower Move Is A Good Move”
Call 534-2445
WHITE-MAYFLOWER

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

Army Experience Can Be Important

“The Army, just like everything else in life, is what you make it.”

In his address to a Missile and Munitions Center and School (MMCS) graduating class of 32 students containing three honor graduates on Sept. 25, Capt. James W. Holmes, guest speaker, pointed out the basic principle of military adjustment.

High man in the graduating class

was Spec. 4 Harvey L. Blankenship, a student in the Ammunition Storage course, with a 97.6 point average. In addition to receiving an honor graduate certificate, he was also presented the Association of the United States Army Award for achieving a point standing in excess of 96. SP4 Blankenship, a native of Chelan, Wash., was presented the award by Mr. W. B.

Slade, an AUSA representative. The other two honor graduates were PFC Terrance A. Walsh with a grade of 94.0 and SP4 Gary P. Goerger who scored an 85.3. PFC Walsh, a resident of San Diego, Calif., was a student in the Hawk Missile and Launcher Repair course. SP4 Goerger was top man in the Hawk Missile and Launcher Repair course, step II. He hails from Melrose, Minn.

In closing his talk to the students, Capt. Holmes stated that “it (the Army) can be two or three years of your life spent in useless complaining or it can be years one will look back on as some of the most important years of your life.”

FIRST AID COURSE

A six-hour first aid refresher course is being offered at the Red Cross Chapter House from 9 a.m. until noon Oct. 5 and 8.

Anyone interested in attending can obtain details from Mrs. Clarence Mendenhall, 837-2787.

Pollution—1816 Style

Big volcanic eruptions may affect the weather. When Tombo-ro erupted in the East Indies in 1816, so much dust and ash were thrown into the atmosphere that it shaded out the sunshine, producing “the year without a summer.”



NEW WARNING—Caution signs at the intersection of Patton and Honest John Roads (next to the Post Theater) will warn motorists that pedestrians are in the cross walk. The signs will have flashing amber lights. Anyone can activate the sign by pressing a button on the pole. The sign will flash until the traffic light turns green.

Wiley's HUNTING SPECIALS



MARLIN 336 30/30 or 35 REM.	\$77.49
ITHACA 37 PUMP SHOTGUN Standard Plain Bbl.	\$89.97
Standard Vent Ribs	\$109.97
FRANCHI STANDARD AUTO SHOTGUNS Plain Bbl.	\$132.74
Vent Ribs	\$155.94
WEAVER V7 SCOPE	Wiley's Price \$41.97
WEAVER V9 SCOPE	Wiley's Price \$46.97

All Lyman and RCBS Loaders at Wholesale Prices

LEE LOADERS—12, 16, 20, 28, 410 Gauges:
Regular 8.88 NOW \$6.88

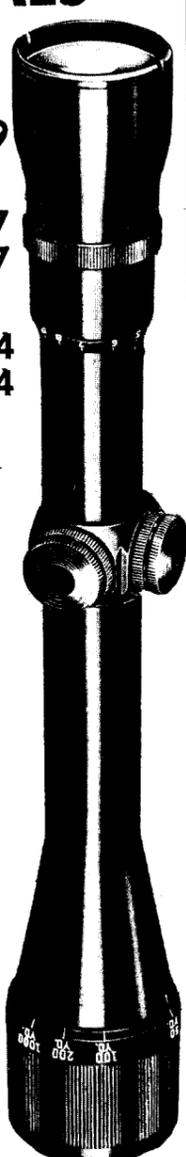
ALL GUNS IN STOCK AT SPECIAL PRICES. SOME TOO FAMOUS TO MENTION. PRICES MUST BE QUOTED IN STORE. NO PHONE CALLS PLEASE.

4% ADDED TO ABOVE PRICES IF PUT ON CHARGE CARDS . . .

WILEY SALES CO.

“Your Sports Equipment Headquarters”
4310 Governors Drive West — 837-3131

NEW STORE HOURS: NOW OPEN 6 DAYS A WEEK
MONDAY THRU FRIDAY 9:30 A.M. 'TIL 7:30 P.M.
SATURDAY 9:30 A.M. 'TIL 6:00 P.M.



Improved Pershing Operational

The 400-mile-range Pershing 1-A missile system, with its improved erection-launchers and automated countdown facility, is now fully operational with U. S. Army troops in Europe.

The Army's most powerful land combat missile, which rides on rubber-tired trucks rather than the original track-laying vehicles, has replaced Pershing 1 equipment deployed with Pershing battalions since 1964.

Changeover was completed this summer, following an exchange of equipment accomplished over the past year under a logistics program called Project SWAP.

Martin Marietta Corporation, prime contractor for Pershing development and production, also conducted the SWAP effort for the Army Missile Command, Redstone Arsenal, Ala. Under the contractor-to-troops concept the traditional supply depot pipeline was bypassed.

Instead, SWAP was conducted from Cape Kennedy, Fla., where battalion sized "packages" of Pershing 1-A equipment were marshalled, assembled into working units, tested, and packaged for shipment to Pershing artillerymen in the United States and overseas.

Upon arrival, the ready-to-operate system was placed in the hands of artillerymen by a simple exchange of new equipment for old. Troops were then put through a brief, but thorough, familiarization training cycle and were ready to resume their missions.

As a result of the innovative logistics concept, the entire exchange was conducted for the 56th Artillery Group in Europe on schedule.

A similar exchange was made with Pershing units and school troops in the United States.

Under Pershing 1-A, the M474 tracked vehicles were replaced with a prime mover designated the M656—an eight-wheeled-drive truck with four steerable front wheels engineered for improved roads as well as for cross country maneuverability.

Each of the 35 foot, 2 stage missiles in a Pershing 1-A battery is carried on its own erector-launcher. The warhead is also transported on the launcher and can be mated quickly to the main missile section by a built-in hydraulic lift.

The erector-launcher is transportable in C-130 aircraft, as is the rest of the system.

An improved programmer-test station mounted on another M656 truck provides the means for rapid missile check-out and countdown. It is equipped with computer control devices and is capable of automatic self-test and malfunction isolation.

Modern electronic packaging featuring replaceable plug-in micromodules allows the operator to perform fault isolation right at the firing site. Mounted on the same truck is the power station which provides energy for the entire system. This vehicle is, in effect, a portable blockhouse.

A new but integral part of the march order of a Pershing 1-A firing unit is a battery control central (BCC). Mounted in an "Expando-van," the BCC is designed to provide the battery commander with a sheltered command post from which he can monitor and direct firing-site activities. The BCC is linked by radio to higher headquarters for positive command and control.

A fourth M656 in the firing battery line up carries the radio terminal set to provide either line-of-sight or tropospheric-scatter voice as well as teletype networks for the battery. This mobile communications center is topped by an inflatable parabolic antenna which can be stowed in a recessed space during road travel.

There are four firing batteries in a Pershing 1-A battalion.

The Pershing program is managed by the Missile Command, under Col. R. P. Hazzard, Project Manager.

Review

(Continued From Page 1)

When the review has been completed, the Civilian Personnel Office will assign competitive levels to individual job descriptions based on concepts recommended by the committees and approved by the Review Board and Commanding General.

Individuals will be notified of changes to the competitive level assigned.

A similar review of competitive levels at the Army Missile and Munitions Center and School was completed recently, and a review of the levels at the Safeguard System Command will begin after the current one is finished.

Members of the Competitive Level Review Board are: Jack N. McConaha, Horace Lowers, Carl A. Pinyerd, Dr. John L. McDaniel, A.A. Stewart, Edward L. Smock, Paul Schaeppi, Dr. John P. Hallowes, Curley Kibodeaux, and Graham L. Shovelton.

Lewis Gets

(Continued From Page 1)

the reunion of the Fort Bliss Oldtimers.

The Oldtimers are those rocket pioneers, many of them brought to the United States from Germany after World War II, who first began working for the Army in 1945 at Fort Bliss, Texas. They moved to Redstone Arsenal in 1950 and later to NASA when the Marshall Space Flight Center was formed in 1960.

The Martin Schilling award is presented annually for "...outstanding achievements and contributions in support of the Huntsville Section of AIAA.

CFC

(Continued From Page 1)

the International Service Agencies.

Mrs. Frances Balthrop of Birmingham thanked the Federal personnel of the area for their past generosity on behalf of the National health Agencies and Herbert Meyer spoke of the growing needs of the many organizations that are part of the Huntsville-Madison County United Givers Fund.

Meyer, current UGF drive chairman, said, "Huntsville has continued to maintain an enviable position among American cities primarily because of the deep concern of the average citizen for his fellow man."

He called on the 23,000 Federal employees in the Huntsville area to continue their thoughtful giving to support the many humanitarian causes represented on the UGF.

In his keynote address, Gen. Edwin I. Donley said that no monetary goal would be established. "Rather," he added, "we are stating a need and offering a means of meeting it. The response by individuals has always been, and will continue to be, voluntary."

The payroll deduction plan is the key to success, he continued, in urging the campaign solicitors to stress this in their discussions. "We are not asking for a major sum from anyone," Maj. Gen. Edwin I. Donley said. A fair share computes to a very small percentage of anyone's salary. And spreading it over 26 pay periods makes it easy to give."

Abner McNaron is coordinating the 1971 CFC throughout the local area. Leonard Twinem is chair-

Vincent Talk On University Schedule Oct. 3

Harry F. Vincent, Project Director of the Research and Engineering Directorate, will be the principal speaker at a meeting of the Alabama Chapter of the American Statistical Association on Oct. 3.

The meeting will begin at 11:15 a.m. in the Scientific and Engineering Building at the University of Alabama Huntsville. Vincent's subject will be "A Test of Relationship Between Productivity, Satisfaction, and Ability in an R & D Organization."

Vincent has been involved in research and development at Redstone Arsenal for the past 19 years, and has been Project Director since 1962. He has received the Meritorious Civilian Service Award and the Exceptional Civilian Service Award, which is the highest civilian honor conferred by the Department of Army.

Retirees Like California

More civil service annuitants have settled in California than any other State. Next in order are New York, Florida, Pennsylvania, Virginia, Texas, District of Columbia, Maryland, Illinois, and Ohio.

President Nixon has approved plans for a \$14 million replacement hospital for the VA complex in San Francisco.

man of the Missile Command campaign, with Ruth Milner as the deputy.

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)

Mortgage Loans
 1st & 2nd
 Real Estate Loans
 In Madison and surrounding counties.
ARTHUR COLE
 MORTGAGE COMPANY
 509 MADISON ST.
 HUNTSVILLE, ALA.
 PHONE 539-0626

CLOSE-OUT PRICES

DISCOUNTS

All Over the Lot!

On New 1970 Chryslers and Plymouths

Get Yours While Our Stock Is Complete

LOWEST PRICES EVER... BUY NOW

"Service At It's Best"

LEE-BENTLEY

Chrysler • Plymouth • Valiant • Imperial
 120 Governors Dr., Ph. 536-6641

Charles Sisco, Sales Manager, K. T. Smith, Louie Counts, Scott Brown, A. D. Brady, Harvey Brooks, Dennis Parr, Phillip Bentley and Louis Lee.

Prevent Loss By Fire Deputy Commander Says

Calling individual complacency the principal deterrent to effective fire protection measures, Col. Preston B. Cannady has designated the week of October 4 as Fire Prevention Week at Redstone.

The Deputy Arsenal Commander said, "The task of fire prevention is urgent and its message is vital," in appealing to all members of the Redstone community to actively support efforts to curb the skyrocketing losses in property and life due to fires.

"Fire Prevention Week," according to Col. Cannady, "is a reminder and a warning to each of us to channel our efforts toward a fire-free goal.

This call is not impossible, he added, but it does call for a greater degree of personal awareness of the inherent danger of a disastrous fire.

Too many people have the attitude, "It can't happen to me," he said. That enables them to close their eyes to the importance of fire protection and the realization of the problems faced by the fire

fighting service.

Final plans for the Arsenal observance of the nationally proclaimed week were completed at a meeting of Area Fire Marshals on Monday.

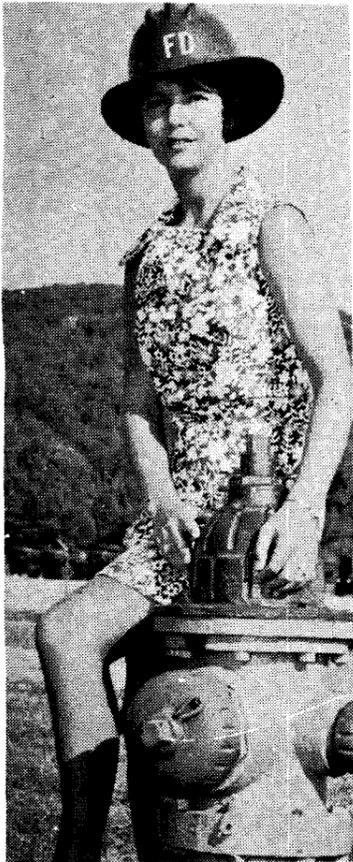
Col. Cannady opened the meeting with an appeal to the Marshals for continued vigilance in detecting and eliminating potential hazards in their work areas that could be the source of costly fires.

Fire Chief William Klieber congratulated the Marshals on their dedicated efforts during the past year, stating, "The total loss due to fires at Redstone during Fiscal Year 1970 was the lowest in ten years."

Citing the statistics the Chief said that the Fire Department answered 313 emergency calls during the year. There were 133 actual fires with a total estimated loss of \$11,898.

Grass and brush fires counted for the greatest number of actual fires, 71, with vehicle fires next in line with 28. There were 15 building fires.

Reviewing the causes, Klieber said 39 fires occurred in the test areas, 34 more were blamed on smoking material, including children playing with matches, and 21 fires were caused by flammable liquids.



PRETTY REMINDER — Linda Braswell, a secretary at Unit Training Command, Missile and Munitions Center and School, reminds everyone that Fire Prevention Week is Oct. 4-10.

Vietnam Battle Book Distributed

WASHINGTON (AFPS) — An Army paperback book of battle studies—"Seven Firefights In Vietnam"—is being distributed to Army and ROTC units.

The book was written by three military historians who served combat tours in the Republic of Vietnam. They based the studies on personal participation, official Army records, after-action reports and interviews.

The 159-page book is available for one dollar from the Government Printing Office, Washington, D.C. 20402.

Service Club Tour

A tour of Cathedral Caverns, located at Grant, Ala. and then a stop at the Mall for shopping is planned for Enlisted Men Saturday.

The tour bus will leave the Service Club at 11:30 a.m. Enlisted men planning on making the trip are urged to register at the Service Club for lunch.

Correspondence Courses Keep Careers Current

With off-post training activity at Redstone curtailed due to travel restrictions, Arsenal civilians are turning to correspondence courses offered by the various Army schools as a means of furthering their promotion potential in individual career fields.

And with the number increasing rapidly, the Training and Development Division is encouraging the establishment of group study forums whereby students signed up for a certain course, meet regularly for discussions of the program material.

The value of group study was emphasized in the Supply and Maintenance Directorate when twenty employees received their certificates for completion of the

Manpower Control sub-course offered by the Army Adjutant General School at Ft. Benjamin Harrison, Ind.

The group was organized in April under the direction of Mildred Manley, who had previously completed the course in residence. After five months of regular discussion periods in addition to the regular home study, the majority of the class participants received a superior rating on their final examination.

Group study is authorized by Army regulations to provide an opportunity for individuals to study under a group leader. Such plans enable the students to benefit from an interchange of experience and to promote a sense of competition to increase the individual's enthusiasm toward completing his study in a non-resident course.

The Manpower Control sub-course was organized through the efforts of O.C. Ashworth, chief of the Directorate's Management Services Branch. Romolo Laurenzi, Manpower Division chief for the Personnel and Training Office, provided the general orientation to start the program, and presented the certificates to the students at the conclusion of the course.

Included in the study group were five internes assigned to the Missile Command by the Army Materiel Command. The remainder of the class was made up of employees of the Supply and Maintenance Directorate.

Helen Orick gained top honors at

graduation with Robert Pinkerton rated close behind. The latter is an AMC interne assigned to the Management Systems Information Directorate.

Interior Decoration

Mrs. Robert M. Pearce, activities chairman for the Redstone Officers Wives Club, has announced the first meeting of the Interior Decorating Group will be held at 9:30 a.m. Friday at the Officers Open Mess.

She is urging interested members who did not sign up for the no fee course but who are interested in this field to attend.

A local interior decorator will be the guest speaker. Further information can be obtained from Mrs. Vernon V. Wallis, 837-1133 or Mrs. William D. Kirby, Jr., 837-6381.

AG Journal Comes To Life

The expanding use of computers in the Army is the subject of the main article of a new magazine, the AG JOURNAL, to be distributed in mid-October.

The magazine is a publication of the recently formed Association of the Adjutant General Corps (AAGC). This bi-monthly magazine will serve as an open forum for the exchange of ideas among members of the Corps and other Army personnel interested in the field of personnel and administration and provide current information on AG-related activities.

The journal will not duplicate the popular TIPS magazine published by the Office of Personnel Operations, Hqs, DA (OPO). TIPS is aimed at the enlisted personnel specialist and publishes "how-to-do-it" articles. The AG JOURNAL will concentrate on new trends and broad subjects affecting the personnel and administration areas of the Army.

In addition to the main article on the possible adaptation of morning reports to computers, the first issue will include articles on AG officer and NCO educational opportunities in FY 1971, the AG officer's role in the Combat Development Command, and the turn around time for short tour areas for officer, Warrant Officer, and NCO personnel.

Since the AAGC was formed in May 1970, its membership has grown close to three thousand. The senior member and Honorary President is The Adjutant General, Major General Kenneth G. Wickham. The AAGC has its headquarters at the Adjutant General School at Fort Benjamin Harrison, Indiana.

Railroad Club To Meet

The Redstone Division of the North Alabama Railroad Club will meet in the auditorium of the Huntsville Public Library at 7 p.m., tomorrow. Fellowship period begins at 6:30. The Club is dedicated to preserving, restoring and operating railroad equipment and its transportation museum. Films will feature model and prototype railroad equipment. Everyone with an interest in railroading is invited. Additional information may be obtained by calling 881-3629 or 852-8917.

Coffee House Planned

A Coffee House is planned at the Service Club for enlisted personnel on Oct. 4 at 8 p.m.

Two new entertainers have been added. In addition to Jan and Joanie, folk rock singers, Mary Shields and Tess Shores will sing and play country-western songs and music.

Enlisted men may invite guests to all Service Club activities.

Uniform Is Tour Ticket

Military personnel at Redstone Arsenal desiring to tour the Battleship U.S.S. Alabama and the submarine U.S.S. Drum free of charge must be in uniform. The wearing of uniforms to obtain free admission is a policy of the USS Alabama Battleship Commission.

The naval vessels are permanently moored in Mobile Bay. Additional information may be obtained by writing to the USS Alabama Battleship Commission, P. O. Box 65, Mobile, Alabama 36601.

Come Again?

Cripple Creek, Colorado, now with 550 residents, had a population of 30,000 in 1900 when it was a boom town that turned out \$400 million in gold ore and 28 millionaires, says National Geographic.



Cecil Sprague
SFC-E7-Ret.

Life Insurance
Group Insurance • Annuities
Health Insurance • Pension Plans

NEW YORK LIFE INSURANCE COMPANY



Phone 539-8115



Pants with a Flair . . .

Just right for wearing anytime . . . anywhere.

SHOP

Personality Shoppe

Whitesburg Shopping Center
"We Honor All Credit Cards"

For Compliments That Go To Your Head . . .

Let Us Cut, Style, and Set Your Hair in Today's Easy-to-Care-For looks . . .

We Color and Condition Hair, Too.

CALL FOR APPOINTMENT
PHONE 534-4551



Quick's Beauty Salon

117 Greene Street (Downtown)

Configuration Control Is Life Cycle Process

Configuration management, according to one Army missileman, loosely means all those things the Army does to completely manage a weapon system.

To some, that means identification—engineering documents that begin when a missile is only an idea and continues through actual production and deployment.



To others, it means controlling changes to identification documents—having effective management that knows what happens to every document, and the effect of changes on actual hardware.

Since changes to Army hardware cost money, the Army's PROMAP-70 program (finding a better way to do business) has focused squarely on reducing missile system changes.

A configuration management control group at the Army Missile Command dug into and analyzed records of changes and costs for the past five years. They found that the number of changes had decreased, although costs hadn't. Next they took overall results and compared each missile project against the average.

"With that data in hand, we could thus spot where we should improve. We were fully backed by the Commanding General of the Missile Command and high officials from the Army Materiel Command and the Department of the Army who made it their business to become deeply concerned," Horace Lowers said. Lowers is the Missile Command chief engineer and focal point for configuration management.

"We sent results of our analyses to project managers. The General has written those who need to reduce costs, and has also praised those who have improved.

"Shillelagh and Pershing have been showing improvement. Shillelagh actually showed a 300 percent profit in FY 70 through its engineering changes; costs for Engineering Change Proposals were \$251,415 compared with savings of \$777,675. Overall, the number of engineering changes approved at the Missile Command

in August 1970 was only two-thirds of what it was a year ago."

Normally changes are made to correct design deficiencies, meet new operational or logistic support requirements, enhance producibility, lower costs, on correct documentation to support production.

One method of cutting engineering change proposals is through a physical configuration audit performed before a missile system goes into production.

During this review, directorate and project manager representatives look at the accuracy of the technical data package—complete specifications and drawings of the missile to be produced. Research and Engineering people examine the package to see if the missile as developed end the resulting prototype are accurately described.

The Procurement and Production group determines whether or not the configuration as described is adequate to support competitive procurement. Supply and Maintenance people are concerned about the adequacy of the technical data package to support maintenance—technical manuals, selection of repair parts and cataloging.

This review is chaired by Lowers.

"As a result of a thorough review, we've had to make significantly fewer changes during production," Lowers said. "If you're going to control change, the thing to do is to get a firm grip on the documentation.

"When we get drawings and specifications under control early, we can make changes at the beginning of the program, and it's much less expensive. Once a missile system has gone into operation, any change is usually more expensive."

As changes are proposed during the life of a missile, a Configuration Control Board for each system evaluates proposals and recommends approval or disapproval. The criteria for their decisions are based on the impact on the missile system, and the cost, primarily.

Boards are composed of people from the functional directorates and project offices. They consider what is involved in modification kits if the missile has been fielded, what repair parts might be needed, and correction of technical manuals and documentation.

To improve configuration management techniques, intensive training has been provided for

Missile Command personnel.

"We fully intend to keep improving our records by lessening the number of changes and bringing down costs," Lowers said.

Digest Offers Educational Up-Dating

Education is not a process that starts and ends with a formal graduation. Just as new materials and techniques are being discovered daily, so must education be kept up-to-date.

At the Army Missile and Munitions Center and School (MMCS) at Redstone Arsenal, Ala., a solid program to keep missile-oriented graduates abreast of fast changing techniques has been in effect since May, 1967.

The Office of Doctrine and New Materiel, MMCS, publishes a magazine called Missile and Munitions Materiel Digest which presents the newest developments in the highly technical field. The publication was originally called the Commandant's Information Summary.

The Digest is distributed whenever enough material has been submitted to constitute a publication. The first issue under the new name was distributed in May, 1970, with the second due for release October 1970.

Benefactors from the Materiel Digest are many. Among the recipients are members and cadre of the MMCS staff, students presently attending the various courses taught at MMCS. The Digest is also sent to graduates of the school at their duty assignments around the world.

The contents of the Digest include such items as new developments in doctrine, changes in curricula, new methods of instruction, and maintenance tips. The sources for these pertinent tidbits are support units of the school, the various detachments and departments within the school, Continental Army circulars, and missile maintenance experts stationed in Europe and Asia.

According to the editor of the magazine, the primary purpose of the Digest is to "bridge the communications gap between the individual and the innovations."

He went on to say that the first issue proved successful. "There were responses from every MMCS element and queries from many overseas personnel," he concluded.

The Office of Doctrine and New



SHILLELAGH MEN EARN CASH—Richard Lane (left) and Fred Cheplen, both engineers with the Shillelagh Project Office, have won cash awards for suggesting better ways to do a job. Lane got \$265 and Cheplen \$65 in a recent ceremony conducted by Col. Robert J. Proudfoot, Shillelagh Project Manager.

Two Shillelagh Men Get Checks

Ideas are worth money and two Shillelagh men have the cash to prove it.

Richard Lane and Fred Cheplen, both engineers in the Shillelagh Project Office, have won cash awards and Department of Army commendations for suggesting

better ways to do a job.

Lane got \$255 for his idea to replace germanium transistors in the Shillelagh missile system with current silicon solid state transistor devices. His award is based on estimated first year tangible savings to the Army of \$4,100.

Cheplen got \$65 for suggesting that unservicable cables be used as part of test fixtures for qualification testing of Shillelagh components.

Col. Robert J. Proudfoot, Shillelagh Project Manager, presented both awards.

Japan Guide Available

WASHINGTON (AFPS) — There are many ways to learn to know the Japanese. But, one of the easiest is close at hand in the Department of Defense revision of "A Pocket Guide to Japan."

The compact, 116-page booklet contains a brief history of the country and the people, the government and the nation's astounding industrial growth. Readers get a chance to "Meet The Japanese" and learn their customs.

The pamphlet also includes a three-page guide to the Japanese language, tips on traveling and festivals to see, and explanations of the unique Japanese arts of Noh, Kabuki, and Bunraku.

Copies are available through Service distribution channels. Reference numbers are: DoD PG-7A, DA Pam 360-418, NAVPERS 92785A, AFP 216-3, and NAVMC 2566 (Rev-70).

Materiel feels that there are good indications that future issues will meet with even more success.

Town & Country
SHOPPE

The Home of Brides

We take special care to see our brides are happy . . .

119 North Side Square
'Downtown'

Member State & First National Charge

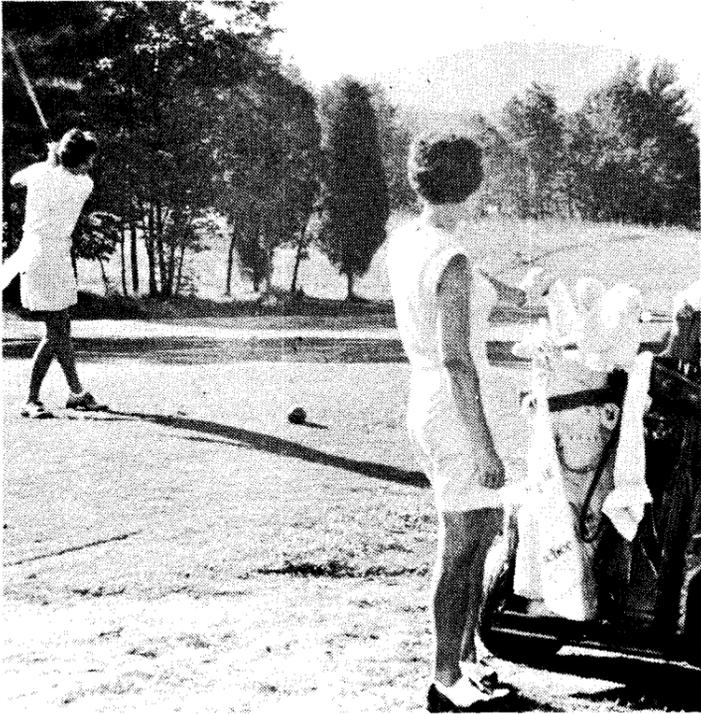
Open Thurs. 'Til 8 p.m.
Free Downtown Park

Nita Hetherington
"Noted Stylist"

Has Opened An All New Beauty Salon

517 JORDAN LANE
For Your Appointment
Phone 837-6270

Nita's Beauty Salon



OFF THE TEE. One of the 115 women contestants on the RSA Officers Wives Golf Group Invitational tees off as another member of the foursome selects a club. Golfers from clubs throughout the area participated in the annual 18-hole affair over the Redstone fairways.

Willowbrook Star Wins RSA Invitational Meet

Shirley Bergeron from the Willowbrook Country Club won the championship flight in Redstone Arsenal Officers Wives Golf Group Invitational Tournament at the Arsenal course last Wednesday. Runnerup in the flight was Becky Pierce, followed by Marty Webb.

A shotgun start with competitors lined up for tee off on every hole began the competition among 115 women. Last year's champion, Martha Napper, did not participate.

Trophies were presented at the end of play at the Redstone Officers Open Mess by Maj. Gen. Edwin I. Donley at a buffet supper.

By flights winners were: first flight, E. Dials, J. Lindquist and J. Walker; second flight, N. Aldridge, F. Fleming and R. Bridges; third flight, G. Campbell, C. Powell and M. Moore; fourth flight, F. Hamilton, P. Shell and L. Mullins; fifth flight, B. Shuput, M. Croft and J. Tumlison; sixth flight, A. Hendley, P. Shelly and J. Carlisle; seventh flight, C. Christopher, G. Richards, G. Hughey; eighth flight, G. Samuelson, H. Steinmehl and S. Wilhelm, ninth flight, K. Smith, B. Stone and C. Carson.

N. Alexander was given an award for the longest drive on hole three; M. Diehl shot closest to the pin on number two and Jan Coke on number 11. Tommy Stewart had the long-

est drive on 17 and Nell Aldridge was long on number three.

Rebels Outscore Redbirds, 14-6

The Rebels went one up on the Redbirds last Saturday night when the two Redstone elevens clashed in a Mountain League encounter at the Goss Road gridiron.

The week before the two teams had battled to a scoreless standoff in a City League game. But this time the Birds were unable to cope with the Rebs' fleet of hard running backs and dropped a 14-6 decision.

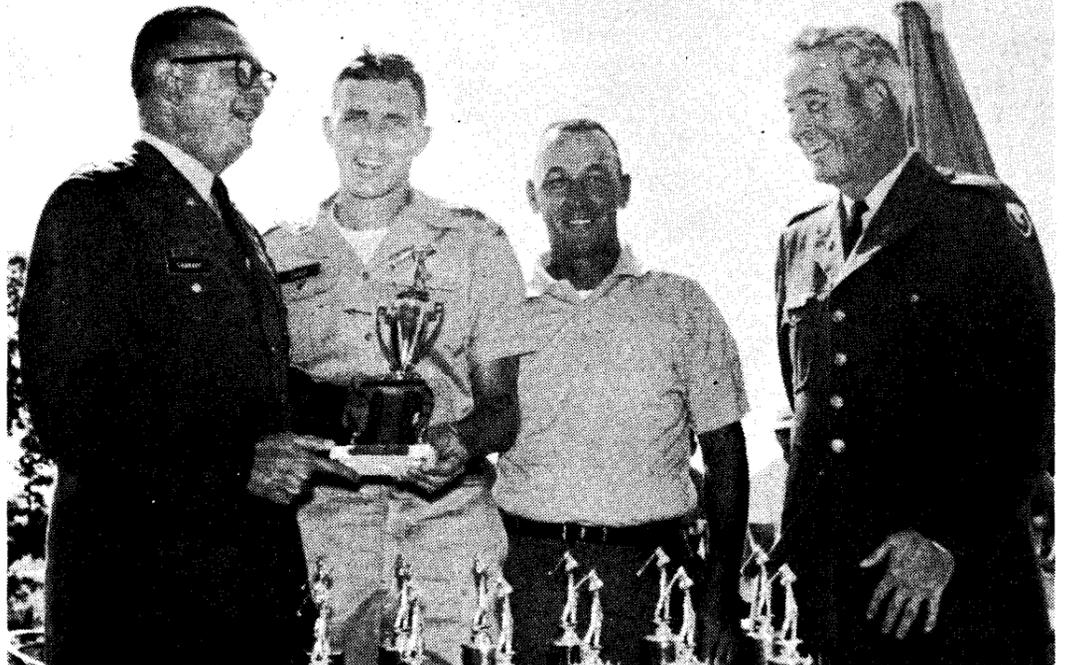
Earlier in the week the Rebels found the going rough in taking a 24-6 beating from the Northern Chiefs in the City League.

The two games left the Rebels with a win, a loss and a tie in three City League games. Both the Redbirds and the Rebels have won two out of three Mountain games.

Mickey Huffman tallied both Rebel touchdowns in the win over the Redbirds, going 20 yards for one and 40 for the other. The earlier score came following a 52 yard jaunt by Ron Hollingsworth.

The Chiefs scored twice in the opening quarter and again in the final period for their win over the Arsenal youths. The Rebs broke through on a 78 yard run on a sweep by Hollingsworth.

The Redbirds also made a City League appearance against a



CAPTURES FALL TOURNAMENT.—Capt. James Davis accepts the championship award from Col. Preston Cannady at the completion of the Fall Golf tournament staged over the Labor Day weekend at the Redstone Arsenal course. SFC R. C. MacIver (standing next to Davis) defeated CW4 Patrick Keefe in a sudden death playoff for runner up honors in the championship flight. Both turned in 153 cards for the 36-hole meet, a single stroke off the winning pace of Davis. Col. J. W. Goodwin, chairman of the RSA Golf Committee, assisted Col. Cannady, Deputy RSA Commander, with the presentations.

AMC Bowlers Burn Lanes In High Scoring Blast

Civilian bowlers missed connections with the Honor Roll in last week's firing but in a number of cases the difference was only a matter of a well placed strike or two.

No less than eight members of the AMC League passed the 550 mark in three totals with three of them counting games of over 230. Overall the 16-team loop pasted the Parkway Lanes' maples at almost a 157 per game clip.

Oscar Herndon, Reggie McLaney and Ken Bell came the closest to the magic 600 level with Dave Atwell, Hal Sprinkle, Charles McCleery, Mike Cooper, Jim Galbreath and Steve Stevens not far behind.

Herndon shot a 232 game midway in a 596 set for the Winners, McLaney strung together games of 191, 198 and 199 for a 588 for the Alley Cats and Bell shot a strong 580 for the DeVault Ultraprecisions.

In team play, the DeVaults vaulted over the All-Sports and Tigers to grab the league lead as Bell paced his mates to a 3-1 win over the Tigers. Galbreath chipped in with a 244 game and a 565 total and Bob Brand rapped the maples for 549 for the new leaders.

Although coming up short, the Tigers did their share of scoring

team from the Northern League and came away with a 20-0 victory over the Rams.

Kiki Males opened the scoring by rambling 70 yards with an intercepted pass and his brother, Willy, accounted for the final tally after taking a 20 yard pass from Mark Ikemire.

In between Ikemire scooted across the double stripe from two yards out to conclude a 54-yard Redbird march.

with Sprinkle turning in a 569 and Dan Pollard rapping a 539. Sprinkle opened his final game with seven strikes in a row in posting a 253.

The DeVault quintet, including



HERNDON—SPRINKLE

Ron Backer and Al Stiles, took the first two encounters with 1090 and 1061 and the Tigers turned in a 1072 for their win. The fourth point went to DeVault with a 3108 to 3026 margin.

Cooper added a 571 total to Herndon's big effort as the Winners swept the All-Sports. Their 3033 total included games of 1022 and 1020.

The Metro Cals ruined McLaney's heroics as Carl Morrison, Larry Ryan and Elmer Rufe combined for a four-point sweep, but the Jokers used Atwell's 576 in blanking the Raiders. The Tow Boys had the same luck against the Sheraton 800s as Stevens showed the way with 554.

McCleery turned in a 569 and each of his Cobra mates was in the 500s but the Bombers got an even break in the set behind the lead Eulas Gilbert.

In the other matchups, the Bandits won three from the T-Birds and the Sprinters broke even with the Rejectors.

NOTICE TO ALL MEMBERS OF THE REDSTONE FEDERAL CREDIT UNION

As part of an audit of the Redstone Federal Credit Union as of August 31, 1970 the Supervisory Committee has distributed verification forms to a portion of the membership. Notices were mailed to the following account owners:

Accounts Numbers 42814 through 74970 (Stateside)

Accounts Numbers 90687 and up (Overseas)

If you did not receive your verification form, please communicate directly with:

Chairman, Supervisory Committee
P.O. Box 5267
Huntsville, Alabama 35805

SPORTS CAR HEADQUARTERS
536-6301

ROYAL MOTOR CO.

100 GOVERNORS DRIVE

Your Sports Car Headquarters
If You Want To Buy Or Sell Any Sports Car
Or Import In Any Make Or Model Car Come
By And See Paul Or Bob

THIS WEEK'S SPECIAL — 1962 CORVETTE

536-6301

SPORTS CAR HEADQUARTERS

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

down Maple Lane



The second honor roll series in the 1970-71 bowling season at Redstone was posted Friday night in the EM Mixed League. Also, a triplicate award from ABC is in store for one of the Arsenal "pros."

Erna Schiro, bowling anchor for the Woodchoppers, garnered a 600 series to post the highest series for the week. She also had a 213 game. Tom Schiro posted a 230 game to aid the Woodchoppers to keep in contention for the league championship. It's early yet but the 'Choppers' are putting their bid in early—so are the Chargers, currently tied for the lead.

Roger Dawson will soon be the proud possessor of a Triplicate Award from ABC as he rolled three games of 133. Elsewhere in the league Dan Powers hit 562, high series for the men.

Nike Track in the School Brigade League, continues to march. The team posted another four-point win to remain undefeated. Co. D's Delta 88s and 200th Ord. Det. moved into a second-place tie with a 7-1 record. The 88s posted a season high for a single game and series. All five players hit the 500 mark, led by Jim Graves' 546. The team rolled games of 1007-974-1037 for a 3018 mark.

In the Tuesday Morning Ladies League, the Road Runners are holding the first place spot with nine wins. Only one game behind the leaders is the Pick Ups. The rest of the standings have four teams tied for third place, three for 4th and three holding down the 6th place spot. Fran Heishman rolled the first 500 series in the league, shooting a 513.

D-Yanks are out front in the Redstone Officers Mixed League with a 13-5 slate. The Hi-Counts may be high in counting the number of behind the leaders. The remainder of the standings are: Bombers, M&Ms, Pin Droppers, Redstones, Boosters and Bowl Weevils in that order.

HERE & THERE: Big Eight tournament each Tuesday evening after the Brigade League. The object is to knock down eight or more pins with one ball across 18 lanes. Sounds easy, but try it. . . . The Friday Night EM Mixed League needs a female bowler on a permanent basis. Call Doris Burke at 539-6757. . . . As you can see only four leagues have reported this week. That's a pretty poor showing for a house that hosts about a dozen leagues, plus the AJBC. Secretaries, get those reports in to the desk prior to noon Friday.

THIS WEEKS HIGHS: Tom Schiro 230, Dan Powers 562, Roger Dawson 133 triplicate, Lily Hall 209, Tina Schiro 600 (231), Reta Webb 548 (212), Betty Lou 515, Ann Lapointe 511, Fran Heishman 513, William Delchamps 553, Jim Graves 546,

Willie Wiggins 522, Earl Griffin 532 (200), Larry Makanani 579 (202), Dave Atchison 521, Oliver Graves 578 (210), Wesley Mondy 521, Richard Everhart 537.

Glaese Cracks RSA Honor Roll

John Glaese, rolling for the Lucky Strikes, highlighted Wednesday night bowling in the RSA Officers Bowling League. Glaese turned in a fine 601 scratch series with games of 244, 179, and 178.

Elsewhere on the lanes, the Rolling Stones moved into first place after taking eight from the Misfits. The 5-Splits surged from tenth to fifth with a strong exhibition of team bowling. The Wheelers moved up three notches in the standings ladder after taking six from the Hard Hats.

Jerry Keefe rolled a nice 562 series and was followed closely by George Stewart who had a 546.

200 bowlers were John Glaese (244), Russ Bergmann (217), Bill Hicklin (203), and Charlie Johnson (200).

New Arrivals

SP6 and Mrs. Roger L. Turner, boy, Timothy Neil, Sept. 12.

CPT and Mrs. Charles D. Couch, girl, Laurie Lynn, Sept. 14.

SP4 and Mrs. John F. Keel, Sr., boy, John Floyd, Jr., Sept. 17.

SP4 and Mrs. John D. Slevin, girl, Elizabeth Ann, Sept. 17.

SSG and Mrs. Alvin V. Wallace, boy, Michael Lee, Sept. 17.

SP5 and Mrs. Clayton G. Craig, girl, Christoni Lynn, Sept. 18.

PFC and Mrs. John C. Dugger, III, girl, Elizabeth Wheeler, Sept. 18.

ILT and Mrs. Antonio Faccini, boy, Fabio Adolfo, Sept. 18.

SP4 and Mrs. James A. Armstrong, girl, Stacey Elaine, Sept. 19.

LT and Mrs. Kenneth S. Johnson, girl, Amy Clare, Sept. 19.

SP4 and Mrs. Terence A. Betts, girl, Judith Shelton, Sept. 21.

LTC and Mrs. Cyrus V. Brocato, girl, Gail Rose, Sept. 21.

SP4 and Mrs. Eugene Garlington, boy, Victor Eugene, Sept. 21.

SP5 and Mrs. Billy Ray Hawkins, girl, Linda Ann, Sept. 21.

MAJ and Mrs. Dale F. Norton, girl, Elizabeth Marie, Sept. 21.

PFC and Mrs. Philip L. Turner, girl, Melissa Lynn, Sept. 20.

PVT and Mrs. Charles W. Durham, boy, Steven Allen, Sept. 22.

SP4 and Mrs. Harry R. Brechtel, girl, Amy Sara, Sept. 24.

SP4 and Mrs. Herbert W. Reid, boy, Herbert Felton, Sept. 24.

Policy On Federal Service Entrance Exams Relaxes

The U.S. Civil Service Commission announced that effective November 1, agencies may no longer use the written Federal Service Entrance Examination on a pass-or-fail basis to promote or reassign Federal employees into positions which now require the test.

The change is in line with the Government's improved merit promotion program.

Men and women first applying for Federal employment in jobs filled through the FSEE must still pass the test, however, unless they have a grade point average of 3.5, have a sufficiently high score on the Graduate Record Examination, graduate in the top 10 per cent of their class, or complete 36 weeks of employment as a cooperative education student.

Under the changed policy, agencies may use the FSEE—without a passing score—only in combination with other measuring methods such as interviews, appraisals of potential, and

evaluations of experience, training, and performance. The plan is expected to contribute to quality staffing by permitting agencies to make a well-rounded assessment of employee abilities and personal qualities which are important to success in a particular position.

Opens Opportunities

Opening advancement opportunities to lower grade employees who might have been screened out by the passing-score requirement will also help achieve the goals of the Government's upward mobility program.

The plan will also help ease reduction-in-force situations by giving agencies more flexibility in reassigning employees.

All occupations which presently require the test will be affected. These occupations are: Safety Management (GS-018 classification series), Personnel Administration (GS-201), Personnel Staffing (GS-212), Position Classification (GS-221), Salary and

Wage Administration (GS-560), Public Information (GS-1081), Writer and Editor (GS-1082), and Technical Writer (GS-1083).

The passing score requirement for in-service placement will also be abolished in single-agency occupations, including the following: Labor-Management Reports Analyst (GS-301), Rent Supplement Assistant (GS-301), Alcohol and Tobacco Tax Inspector (GS-1854), and Customs Entry and Liquidation (GS-1894).

Revised qualification standards for all occupations affected by the new policy will be issued with the next regular printing of the standards.

The Commission has also approved a change in the in-service selection criteria for all management intern programs which will prohibit agencies from using the FSEE written test as a "screen-out element." Under existing training agreements, Federal employees must pass the FSEE to qualify for management intern training. The revised policy, also effective November 1, calls for the continued use of the FSEE, but not on a pass-or-fail basis, as one of several evaluation devices for ranking employees.



Move-Em Out Sale

ALL 70's MUST GO!

- During the month of September Your choice of a portable sewing machine, complete china set or movie camera FREE with each purchase of a mobile home.
- Local Financing with The Bank of Huntsville.
- Lowest financing available.
- Delivery up to 200 miles.

OUR FRIENDLY SALES
PEOPLE ARE ON
DUTY FROM:

9 a.m. to 9 p.m.
Monday-Saturday

1 p.m. to 8 p.m.
Sunday

Home of the Double Wides

"It's Fun Living In A Homestead Mobile Home"

HOMESTEAD MOBILE HOME

4707 Governors Dr.
Huntsville, Ala.

SHELBY COLE, Manager
Wiley Fortson, Salesman

A
N
D

Highway 31 South
Decatur, Ala.

RAY COLE, Manager
Ralph Jackson, Salesman



Joe Sartain Auto Exchange

2913 GOVERNORS DR. W.
PHONE 536-7421

"N. ALABAMA'S
INDEPENDENT VOLUME
DEALER"

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

More Education, More Opportunity

When you get home and out of uniform, you'll have a choice to make.

Back to the same old thing? Or to a bigger chance with a better education?

If you choose the better way, you'll have the GI Bill going for you.

With the GI Bill, you get an automatic scholarship. So much a

month, every month you're in class.

A little different than before. Now they pay you to go to school!

Got a "good" job waiting back home?

How long will it last? How far can you get ahead?

Some "good" beginning jobs really are dead ends. You know enough to get the first job, but not

enough to advance.

Perhaps never again will you have fewer responsibilities than right after you get out of service. This is your best time to get the extra education that can mean a better long-range future. (And even if you do take the job, you always can take a course or two, part-time.)

When you went to school before service, were your grades just average?

Don't let that stop you.

At many colleges, most of the students were "just average" in high school. And after service, you may do much better, anyway.

The way to get started is to take part in what is known as the GI Project MEMO. It's exclusively for U.S. servicemen worldwide. It's sponsored by the U.S. Department

of Health, Education and Welfare, by the Veterans Administration and the Department of Defense. Bob Hope kicked it off during his 1969 Christmas show tour, and Michigan State University acts as a clearing-house for all the country's colleges and universities.

MEMO stands for "More Education, More Opportunity."

MEMO helps you start arranging for your education while you're still in service. It's for servicemen who haven't yet received a degree from a four-year college.

MEMO gets you in touch with schools and colleges that offer the kinds of program you want. It gives you their names and addresses, and also tells them about you. In some cases, they may write

directly to you, while you're still in the service.

The schools and colleges, of course, decide which students they accept, MEMO does not do that.

MEMO gets you in touch with schools and colleges that offer the kinds of program you want. It gives you their names and addresses, and also tells them about you. In some cases, they may write directly to you, while you're still in the service.

The schools and colleges, of course, decide which students they accept, MEMO does not do that.

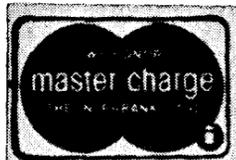
MEMO costs you nothing. All you do is fill out a special machine-read form. The form is available at most local education offices. And you can fill it out if you are in the final 12 months of service.

GAYLORDS SAVES YOU MORE!

SHOP GAYLORDS 9:30 A.M. TO 9:30 P.M.

2306 So. Pkwy.

CHARGE IT AT GAYLORDS



SPECTACULAR TAPE SAVINGS
OUR ENTIRE INVENTORY OF
8-TRACK & CASSETTE TAPES

ALL TOP ARTISTS
ALL TOP LABELS

Including — The Beatles, Tom Jones, Andy Williams, Engelbert Humperdinck, Johnny Cash, Grand Funk, Creedance Clearwater, Blood, Sweat & Tears, The Doors, plus many, many more!

4.89
OUR CODE 6.95

BIRTHDAY FOR LITTLE

PERMANENT CORDUROY LONGI

50% polyester-50% iron. Boxer waist, flare iron. Navy, blue bronze, charcoal.

YOU CHOICE \$

ACRILAN® ACR KNIT SHIRTS

Assorted styles and F 100% Acrilan® acrylic. F No-iron. Sizes 3-7. After Sale Price _____

LITTLE GIRLS' LINED CORDUROY SLACKS

Cotton corduroy, cotton flannel lined. Solid or print flare legs boxer waist, some with hip pocket. Red, green, navy, toast, blue, gold. Sizes 3-6X in this group.

\$1 Our Regular 1.28

LITTLE GIRLS' NYLON POLOS

Solid and stripes, long sleeve tops, mock turtle neck. Solid rib neck and cuffs. Red, blue, royal, rust, assorted stripes, 3-6X.

94¢ JUST After Sale 1.18

SURPRISE



2306 SOUTHWEST MEMORIAL PARKWAY

HUNTSVILLE, ALABAMA

(IN THE B OCCUPIED

Paper Earns Cash Award

Dr. Thomas G. Roberts, a research physicist at the Army Missile Command, has won additional honors for a technical paper he presented this past summer.

Dr. Roberts last week accepted congratulations and a \$250 cash award which was presented by Maj. Gen. Edwin I. Donley, Commanding General of the Missile Command.

Earlier, the MICOM physicist won a Certificate of Achievement and a medallion for his paper entitled "On the Propagation of High Intensity Relativistic Electron Beams" which he



Dr. Thomas G. Roberts and Maj. Gen. Edwin I. Donley

presented at the Army Science Conference, held at the U.S. Military Academy in June.

His paper was selected third in scientific merit from among 100 by the Army Scientific Advisory Panel.

Dr. Robert's work in plasma physics has substantial application

to the simulation of nuclear weapon effects and to high energy lasers.

Now employed by the Plasma Physics Branch of the Missile Command's Research and Engineering Directorate, Dr. Roberts came to Redstone Arsenal in 1958.

Theatre Schedule

WEDNESDAY, Sept. 30
"My Lover, My Son" (R)

THURSDAY-FRIDAY, Oct. 1-2
"The Liberation of L. B. Jones" (R)

INCREASED ADMISSION: adults 50c, children 25c.

SATURDAY, Oct. 3
"The Good Guys and the Bad Guys" (GP)

SUNDAY-MONDAY, Oct. 4-5
"Bob & Carol & Ted & Alice" (R)

TUESDAY, Oct. 6
"Brotherly Love" (R)
Two shows nightly at 6:00 and 8:30 p.m.
Sunday matinee at 2:00 p.m.



BIRTHDAY PARTY

PARTY STARTS SEPT. 30th

AY BUYS L GUYS

ESS
DY
5

cotton,
g. No-
olive,
s 3-8.

R
CE



FULL CUT, WARM FLANNEL PAJAMAS

Coat style, fully piped 35% cotton-65% poly-nosic. Machine wash. Assorted prints. Sizes 3-7; **BIG BROTHER** Sizes 6-16. ¹³²

IC
S
shades.
na Press.
1.78



TEENS' AND WOMEN'S POODLE-CLOTH SLIPPERS

88c

Perky bow decorates this toe-flattering slipper... Foam backed poodle cloth uppers and comfortable padded soles. Sizes: 5-10.



SHEER NYLON PANTY HOSE

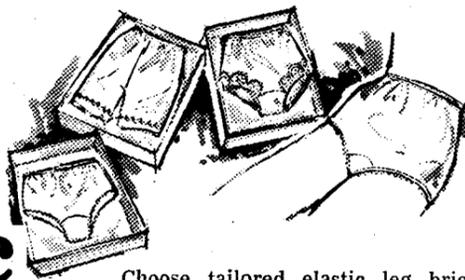
Just 59c

Amazing value! Sleek fit. One size fits all. Beige, toast, off-white.

MISSES TRICOT PANTIES

Fantastic At

19c



Choose tailored elastic leg brief or angel lace trim on leg. Acetate tricot. White, pink, blue, maize. Sizes 5, 6, 7.

SES

& FREE GIFTS

FOR ALL...

OLDING FORMERLY
BY MIRACLE CITY)

CHARGE
IT AT
GAYLORDS

Your
BANKAMERICARD
welcome here

master charge

GAYLORDS

SAVES YOU MORE!

**MISSILE & MUNITIONS
CENTER & SCHOOL**

NAMES IN THE NEWS

SP4 Win Henderson

**IN THE INTEREST OF
GOOD HEALTH . . .**

Last Wednesday, 358 people ran the gauntlet at the post Service Club and a total of 307 pints of blood were collected. Of these, 293 pints came from military personnel and 14 from civilians who work at MMCS.

Where the military blood donor trophies are concerned, the trophy for Category I was earned by the 7th ETC. They donated a total of 110 pints for an overall participation of 89.26 per cent. The Category II trophy went to the 227th Ord Co. for their participation of 64.89 per cent, resulting in the donation of 24 pints.

That's the latest word on the September Bloodmobile Drive at MMCS. If you're interested in donating to this worthy cause, keep your eyes peeled for the Rocket, or your section's bulletin board. The next pending date that the Bloodmobile will visit Redstone will be posted/printed about two weeks before the actual donation date.

**THE TWO-WEEK DASH AT
ONE-A-DAY??**

After their short relaxation period, the MMCS re-enlistment office surged forward with a burst of incredible campaigning and have been signing up an average of one person per day since Sept. 15. And, advance word has it that October is going to be one of continuous enlistments for the two gentlemen who staff the office.

In the past two weeks, MSG Rudolph Blackstock and SSG Dean Britt have been present for the administering of the oath to 13 MMCS EM. For their efforts, they are responsible for a total of 49 man-years of experience that the military can depend on.

Signing up for six more years were SSG Oren R. Massey, assigned to EOD Det. No. 1, Indian Head, Md., and SP6 Daniel Morrison from Co. A. Those staying around the organization for an additional four years were MSG Sherman D. Wheeler, Co. B; SFC Harold W. Pierce, Co. D; SSG Jackie Brindstaff, Co. A; SSG Bobby Shaw, Co. B, and SSG Jack Olson, Co. C.

Three-year tours of duty were asked for by MSG Armando Comba, Co. C; SSG Otis Smith, Co.

B; SFC Walter C. Gibson, also of Co. B; SFC James E. Stocks, Co. A and SSG Edmund L. Gerheuser, Co. C. SFC Sylvester Ouchley, Co. B, extended his stay in service by two years.

**RETIREE WINS MERITORIOUS
SERVICE MEDAL**

Last week saw a man who has given 23 years of service to his country receive the 1st Oak Leaf Cluster to the Meritorious Service Medal.

CW4 James A. McCawley, chief, Nuclear Weapons Div., was the recipient of the award for his dedication and outstanding proficiency while stationed at Redstone. A native of Bardstow, Ky., CW4 McCawley will be moving to Gainesville, Fla., upon retirement from Active Duty on September 30.

UTC SCORES 1ST VICTORY!!



**SP4 JACK D. BERRETH
MMCS SOM, Sept. '70**

The semi-finals were completed this week in the MMCS Soldier of the Month competitions and SP4 Jack D. Berreth, 280th Ord. Det., UTC, was chosen to represent the school at the post-level competitions.

SP4 Berreth, a graduate of Southern Oregon College at Ashland came into the service following his acceptance of a B. S. degree in Business Administration in May, 1969. Following Basic Training at Ft. Lewis, Wash., he came to Redstone as a student in the Land Combat Div. After graduation from the course, he was assigned to the 280th Ord.

Det. as a Light Air Defense Systems Electronics Repairman.

Best regards to you, the MMCS SOM. Hang in there and boost our school standing to eight in a row . . . MMCS has held the Redstone SOM slot since February, 1970.

**LET'S ALL GET TOGETHER
. . . NOW !!**

The first MMCS organization to report 100 percent participation in the 1971 Combined Federal Campaign (CFC), officially opened on Sept. 28, was the Structures Div., Pershing Br.

The CFC which is to run through Nov. 6, is geared to aid a number of organizations throughout the country and four International Agencies. The in-county distribution of the collected revenue will be distributed to 27 United Funds and eight National Health Agencies.

One contribution is all that is necessary from each person who is desirous of participating in this worthy cause. What's more, the receiving agency can be asked for. After the requested beneficiaries have been allotted the funds donated specifically for them, the remainder is divided between the total participants.

As for the funds that will be collected at Redstone, its distribution will be as follows: Hunts-

Holiday Mail Schedule Announced

WASHINGTON (AFPS) — The Christmas Holiday mail dates for U.S. Armed Forces serving overseas have been greatly simplified this year, according to military postal officials.

Surface mail from the U.S. to servicemen and women overseas should be mailed between Oct. 12 and Nov. 7 for a guaranteed holiday delivery. Space Available Mail (SAM) to overseas destinations should be mailed between Oct. 19-Nov. 21; likewise, Parcel Air Lift (PAL) and Air Mail should be posted between Oct. 26-Nov. 28 and Nov. 30-Dec. 12 respectively.

Christmas mail going in the opposite direction, that is, from overseas addresses to the U.S., is slightly different: letter mail from Europe, Africa and Latin America should be posted in sufficient time to arrive at East Coast ports no later than Dec. 16 to reach a West Coast address by Christmas. Air Mail letters entering the East Coast should arrive by Dec.

19. Surface parcels and Air Mail parcels should arrive on the East Coast no later than Dec. 8 and Dec. 15 respectively.

For personnel stationed in Alaska and the Pacific, the latest possible surface and Air Mail letter dates for arrival at the West Coast were listed as Dec. 16 and Dec. 19 respectively for Christmas delivery to East Coast addresses; similarly, surface and Air Mail parcel West Coast arrival dates were given as Dec. 12 and Dec. 16.

Military postal units will publicize any local variations in the projected holiday mail schedule, spokesmen noted.

ville-Madison County United Giver's Fund will receive 91%; National Health Agencies, six per cent; and International Service Agencies, three per cent.

Here's everyone's chance to show their concern for their fellow man who is deprived of many of the gifts of life through no

fault of his own. Do your part to help an ailing brother . . . give through the CFC.

That Ain't Peanuts!

The United States uses more than four billion pounds of cotton annually, half for clothes.

NEW OWNER — DEWEY BRAZELTON
LOCATED ON GOLF ROAD
OFF MEM. PARKWAY

**DINNER
(VIP)
THEATRE**
(FORMERLY PLANTATION
DINNER THEATRE)

To Assure RESERVATIONS . . .
PHONE 881-4855 NOW!
DIRECT FROM NEW YORK
LIVE ON OUR STAGE . . .

Dance Band
After the Play
on Friday & Saturday

**Under the
Yum-Yum Tree**

Civil Service
Employees
Special Prices
on Thursday
**ONLY \$6.00
EACH**

OPEN AT 6 P.M. — DINNER FROM 7 TO 8 P.M.

NOW OPEN

Daily except Monday
Admission includes
dinner and play

Lounge opens 2 P.M.
CHUCK SIMMONS
entertaining
from 8:30 P.M.
NO COVER

Sunday nite is family
nite
Discount on children

STARTING TUESDAY, OCT. 6TH, PRIVATE LINES

**The #1 selling
import truck**

Now—40% more power for 90% of your jobs
1st in overhead cam power • 1st in economy &
reliability • 1st, period!



\$1966
Plus Freight

Drive a Datsun . . .
then decide at:

DATSUN
Continental Cars, Inc.

UNIVERSITY DR. (Next to Sheraton)
PHONE 837-5752

THE BLACK SOLDIER Part 7: Patton to Blacks: "I Would Never Have Asked for You if You Weren't Good"

HQ CONARC, Ft Monroe, Va—United States Army General George Patton was never a man known for mincing his words.

He lived up to that reputation on the occasion of his welcoming speech to the 761st tank battalion at Omaha Beach on Oct. 10, 1944.

The 761st was the first Negro armored unit committed to combat in World War II, and General Patton greeted them like this:

"Men, you're the first Negro tankers ever to fight in the American Army. I would never have asked for you if you weren't good. I don't care what color you are, so long as you go up there and kill those Kraut sonsabitches."

Before Patton's memorable words became a legend in their own time, the 761st had set out to do exactly what he General asked. They piled up an enviable list of accomplishments and were given special commendations for their efforts.

Ten of the tanks in the outfit were even chosen as part of the honor guard present when German General Lothar von Rundstedt signed the surrender of the Nazi Army in Austria.

Although black soldiers were congratulated for their battle heroics after World War II had ended, they again found it difficult to get into the mainstream when it began.

A total of 1.2 million black men were inducted into the armed services during the war, and more than half of them saw service in the European and Pacific theaters of operation. Black men constituted about 7.7 per cent of the armed forces, and 9 per cent of the Army.

There were approximately 8,000 black commissioned officers in all of the services, including one general and 10 colonels in the Army.

Despite the hardships, America's black guardians made an admirable record for themselves.

They fought on the beaches at Sicily and Normandy and helped roll back the Nazi and Japanese offensives in Europe and Asia. Twenty-two black combat units were in the forefront of the allied war effort in Europe. And in the Pacific Theater, black units fought in the Philippines and on the Solomon Islands and in the Coral Sea. They were also present at Guadalcanal, Okinawa, Bougainville and Treasury Island.

Five hundred Negro soldiers landed at Omaha Beach on D-Day. At Anzio Beach on Jan. 22, 1944, the 387th Separate Engineer Battalion went ashore to build roads and manage ammunition dumps. Its men unloaded 1,940 tons of materiel each day for seven days, and the unit was under fire more than any other in the Fifth Army.

War records show that although discrimination did occur within the Army, Negroes had a greater opportunity to serve than in any previous war. They were in the infantry, coast and field artillery, cavalry, tank battalions, transportation units, signal corps,

engineer corps, medical corps and many other branches.

After the Battle of the Bulge, tired American commanders ordered integration at the platoon level in limited section of Europe.

One major exception to the general segregationist pattern of troop usage occurred in the cold winter months of 1944-45 in the Ardennes battle.

Desperate shortages of combat soldiers resulted in the Army asking for Negro volunteers. Some 2,500 blacks accepted the assignment, and both in terms of Negro combat performance and white soldiers' reactions, the experiment was a huge success.

The move to integration was best summed up by Lt Col. Douglas P. Frazier, commander of the 2nd Battalion of the 309th Infantry:

"To date there has never appeared the slightest sign of race prejudice or discrimination in this organization. White men and colored men are welded together with a deep friendship and respect born of combat and matured by the

realization that such an association is not an impossibility that many of us have been led to believe.

"Segregation has never been attempted in this unit, and is, in my mind, the deciding factor as to the success or failure of the experiment. When men undergo the same privations, face the same dangers before an impartial enemy there can be no segregation..."

There were 469 Medals of Honor awarded for unyielding courage during World War II, but none went to Negroes.

When the war ended and President Harry Truman called for a peacetime draft, Asa Philip Randolph, a veteran civil rights leader, announced:

"Negroes are sick and tired of being asked to shoulder guns in defense of democracy abroad until they get some at home. They are prepared to resort to civil disobedience and refusal to register for the draft if it means serving time in a Jim Crow Army."

Faced by this determination and

other rumblings, President Truman adopted in 1948 the President's Committee on Equal Treatment and Opportunity in the Armed Services.

This first step, along with the reports of numerous committees and task forces, led to a policy of almost complete integration in the armed forces in the next few years.

By the end of the Korean War, the Army reported that only 10 per cent of its 200,000 black soldiers were serving in segregated units.

World War II had been settled, and in winning the war a great battle was also won—the battle of equality for black American soldiers.

Through the Korean War and on

into Vietnam, the Armed forces led the way

World War II had been settled; and in winning the war a great battle was also won—the battle of equality for black American soldiers.

Through the K OREAN War and on into Vietnam, the Armed forces led the way in the struggle for black equality in all segments of American society.

(The author of this article, PFC James Toms, holds a Masters degree in journalism from Northwestern University and is serving on the staff of the VERITAS, published by the John F. Kennedy Center for Military Assistance, Ft Bragg, N.C.)

MOVIE RATINGS FOR PARENTS AND YOUNG PEOPLE

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children

G ALL AGES ADMITTED
General Audiences

GP ALL AGES ADMITTED
Parental Guidance Suggested

R RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

X NO ONE UNDER 17 ADMITTED
(Age limit may vary in certain areas)

ALL **G** **GP** AND **R** FILMS RECEIVE THIS SEAL OF THE MOTION PICTURE CODE OF SELF-REGULATION.

The Huntsville Group of MARTIN THEATRES

FOR THE FIRST TIME IN HISTORY YOU CAN SEE 'HELLO, DOLLY!' AT POPULAR PRICES! COME ANYTIME FOR THE TIME OF YOUR LIFE!
COLOR by DeLuxe
Mon.-Fri. 8:00 PM
Wed. Mat. at 2 PM
Sat. & Sun. 2 - 5 - 8
HELLO, DOLLY!
BARBRA STREISAND WALTER MATTHAU
WESTBURY
HUNTSVILLE

"MASH"... THE NEW FREEDOM OF THE SCREEN
1:30 - 3:25 - 5:20
7:20 - 9:30
MASH
DONALD SUTHERLAND
ELLIOTT GOULD
TOM SKERRITT
MARTIN THEATRES
HUNTSVILLE

TECHNICOLOR
7:00 - 4:30
9:00 - 9:30
DARLING LILI
ROCK HUDSON JULIE ANDREWS
ALABAMA THEATRES
AT THE MALL 536-9673
HUNTSVILLE

"Darling Lili"

Now showing at the "Alabama"

Is This Summer's one and only Total Family Entertainment

Martin's ALABAMA
IN THE MALL • DIAL 536-9673

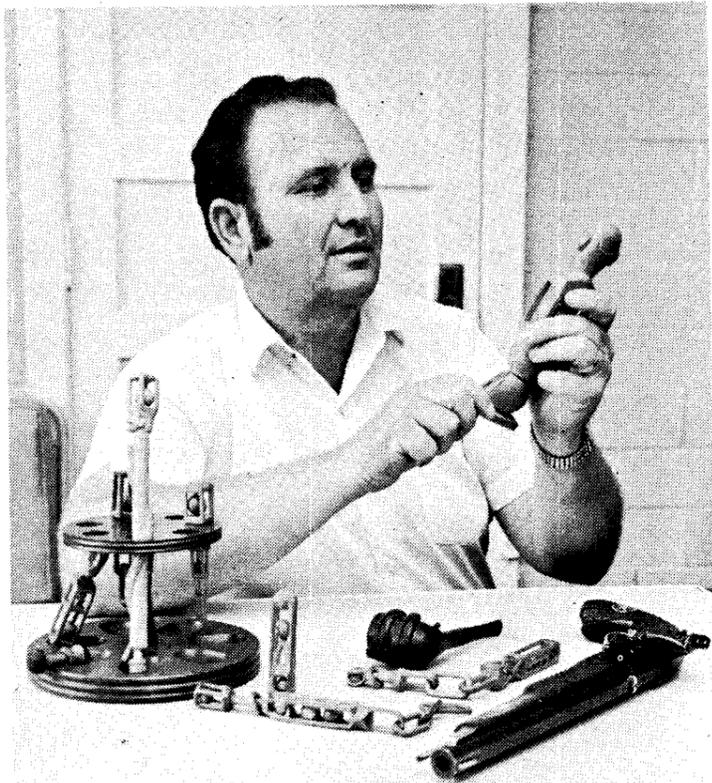
2:00 - 4:30
7:00 - 9:30

Admission: \$1.75
Children under 12 .75

PARAMOUNT PICTURES PRESENTS
A BLAKE EDWARDS PRODUCTION
STARRING
JULIE ANDREWS & ROCK HUDSON
DARLING LILI
STARRING
JULIE ANDREWS & ROCK HUDSON
CASTING BY JERRY BRUCKHEIMER
MUSIC BY JOHN WILLIAMS
EDITED BY BOB TRAVIS
PRODUCTION DESIGNER BOB TRAVIS
DIRECTOR OF PHOTOGRAPHY BOB TRAVIS
EXECUTIVE PRODUCERS OWEN CRUMP
PRODUCED BY OWEN CRUMP
WRITTEN BY BLAKE EDWARDS & WILLIAM PETER BLATTY
BASED UPON THE PLAY BY JOHNNY MERCER & HENRY MANCINI
MUSIC BY HENRY MANCINI
COURTESY PRODUCTIONS INC. MUSIC FROM THE ATTRACTION RECORDS AVAILABLE ON MCA PICTURE RECORDS
A PARAMOUNT PICTURE
ALL AGES ADMITTED General Audiences

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

Invitation Extended For Small Arms Ideas



WHITTLING IS RELAXING — Loyd Farrow puts the finishing touch on one of the figurines that he has "whittled" in his spare time. Gun stocks, pipes and other intricate items shown on the table are examples of Farrow's whittling abilities. His formula for relaxation is an old pocket knife and a piece of box pine.....and just whittle.

Farrow Whittles To Pass Time

One of the best ways to relax, according to Loyd Farrow, senior clerk, Registration and Identification Section, Provost Marshal's Office, Army Missile Command, is to take a piece of pine wood and a pocket knife and do some whittling.

While Farrow calls it whittling, the figurines and intricate objects that emerge under his skillful blade are really outstanding examples of woodcarving. His works range from tiny figures of

monkeys carved from peach seeds to pipes, gun stocks and other items of his own design.

One product of his craftsmanship is a mace with a hollow cage and a movable round ball carved inside the cage. The mace starts at the top with a large cage and large ball and each joint of the mace is a cage and ball that gets progressively smaller down to the end. The carving of the cage in one immovable piece with the round ball carved inside is even more amazing since it was carved with a common ordinary pocketknife. Farrow estimated that it took him around 15 to 20 hours of whittling to make the mace.

Though Farrow has been working for the Redstone Provost Marshal's Office since 1954, he started his "serious" whittling in 1950. Some people rush out to play golf, go bowling or swimming, but Farrow just likes to sit, relax and whittle. However, he does like to go fishing . . . and if the fish don't bite . . . he just sits and whittles.

A native of New Market, Ala. Farrow is married to the former Rosa Milner and they have three children, Steve, Mike and Theresa.

Though whittling may be a lost art in many places, Farrow feels it's more than holding its own in New Market, and he ought to know since he has always lived there.

Anyone looking for a relaxing hobby can use Farrow's prescription: "take a piece of box pine and a pocketknife and just relax and whittle."

People at the U. S. Army Missile Command are invited to support the Small Arms Incentive Program by turning in suggestions that will be useful in the development of new or novel small weapons concepts that have military application.

A Small Arms Incentive Program has been started as motivation for persons interested in submitting ideas and proposals. In fact those proposals that show promise and potential may earn financial assistance for the suggestor.

Sponsored by the Advanced Research Projects Agency, the project is administered by the U. S. Army Materiel Command's Small Arms Agency at Aberdeen Proving Ground, Maryland.

The Program is aimed at promoting the talents of gunsmiths, machinists, hobbyists, small shop owners, potential investors, as well as industrial, educational research, non-profit and government agencies in this endeavor.

Objectives are aimed toward improvement in small arms systems for military application within the next five years. Such

weapons will be used by the individual soldier on light combat vehicles, or as secondary armament for armored vehicles, including pistols, sub-machine guns, grenade launchers, and machine guns.

Receipt of each proposal will be acknowledged promptly and the sender informed of the panel's findings.

Since this is a continuing program, suggestions and proposals for the improvement of ammunition, ammunition packaging, production techniques, cartridge cases, projectiles, terminal effects, fuzing, target detection and target acquisition and other similar problems, are welcomed.

Interested individuals and organizations should submit their proposals to the Commanding Officer, U. S. Army Small Arms Systems Agency, Aberdeen Proving Ground, Md. 21005.

Kansas educator Theodore Shackelford has been appointed to VA's Vocational Rehabilitation & Education Advisory Committee.

'Free Flights' Book Available

A book giving details about space-available military flights is now available to U.S. servicemen.

The book, "How to Get Free Military Flights," was written by former Navy journalist Barry Meadow.

Chapters include information on space-available travel, the world's greatest flights—including trips to Australia and South America—and the R & R program.

Also included is a base-by-base and country-by-country rundown of major American installations where servicemen, dependents and retirees may fly for free.

The 150-page book is available for \$3.95 by writing to the author at 485 Wm. Meyer Drive, Quirino Ave., Paranaque, Rizal, Philippines. Airmail letter postage to the Philippines is \$.25.

EVENING CLASSES Utilizing System 360/30

Offered by

ALABAMA A & M UNIVERSITY

In recognition of the increasing demand for skilled data processing technicians Alabama A & M University proudly announces the continuation of a new dynamic program for meeting these demands. The vehicle is called:

THE CERTIFICATE PROGRAM IN COMPUTER SCIENCE

The total program consists of 15 modules, semester equivalents, that have been sequenced for maximum transfer of learning. This modular construction also permits the individual student to enter the program at his particular point of readiness.

THE FIFTH SESSION WILL BEGIN ON OCTOBER 5, 1970. REGISTRATION WILL BE CONDUCTED DURING THE HOURS OF 9 - 5 IN THE COMPUTER CENTER, CARVER COMPLEX FOR THE PERIOD SEPTEMBER 28 THROUGH OCTOBER 2. THE FOLLOWING COURSES WILL BE OFFERED:

Course No.	Course Title	Time Meeting	Day
S300	Introduction to Automatic Data Processing (Theory)	6-10 P.M.	MW
S320	Introduction to Cobol Programming (Theory-Lab)	6-10:10 P.M.	TTH
S330	Introduction to Fortran IV (Theory-Lab)	6-10:10 P.M.	MW
S350	Advanced Fortran (Theory-Lab)	6-10:10 P.M.	TTH

CREDIT

Certificates of completion will be presented for each module successfully completed by the student as well as a letter grade reflective of his achievement. After completing on or more of the certificate modules, and a student decides to enroll in a degree producing program at Alabama A & M University, he may present his certificate(s) for evaluation in the same manner as he would transfer credit from another institution.

FOR FURTHER INFORMATION CONTACT:

Robert H. Hilton, Program Director
School of Technology
Alabama A&M University, Normal, Ala. 35762
Telephone: 859-0800, Ext. 212



EARLE GRIFFIN
USA Ret.

Real Estate Broker
LISTINGS • SALES
RENTALS
PROPERTY MGT.

Representing
PORTER

REAL ESTATE
539-9676 — 881-9633

TV RENTALS

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

501 NW Memorial Parkway

**RCA
VICTOR
TV**

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

**RCA
WHIRLPOOL
APPLIANCES**

MacIveen Weaves In Oriental Way

If you'd like to own a nice oriental rug and don't feel you can afford today's prices, then make your own rug. That's exactly what Bruce T. MacIveen, Chief Auditor, Internal Review Division at the Army Missile

Command, did — he made his own.

MacIveen's interest in oriental rugs dates back to depression days when he kept books for a rug dealer in Rutland, Vermont. The intricate patterns and superb

workmanship so intrigued him that he decided to learn something about the ancient art.

Now years later MacIveen has finally gotten around to making his own rug and it is an authentic copy in design and type of weaving. He estimates his 4 by 7 foot rug took \$65 worth of material and approximately 200 hours to complete. There are over 30,000 individual hand tied knots in the rug which is a good indication of how painstaking and intricate the job is even for an experienced rug maker, to say nothing of a person doing it for the first time.

While MacIveen isn't planning on going into the rug weaving business, he has done some research on oriental rugs. One of the reasons for the scarcity of oriental rugs is the fact they were made in areas that are now behind the Iron Curtain.

The Iron Curtain countries have discouraged the making of antique oriental rugs because the time consuming, low paying industry brings in very little profit for the time involved.

When asked about his copying a design of an old oriental rug, MacIveen related that in these old countries each family had its own design and pattern and they never took the time or effort to patent or protect themselves.

Even though it takes a lot of work to make an oriental rug, it is worth the trouble. According to MacIveen it is not uncommon for oriental rugs to be in constant use for 50 to 75 years and still be as good as new. The rugs are weaved on tough thin fibers with goat hair, wool or mohair from the tribal herds. One of the best ways to tell the



HE MAKES HIS OWN — Bruce T. MacIveen, Chief Auditor, Internal Review Division, Army Missile Command, shows his secretary, Jean Lemley, the intricate design and weaving that he did in making his own oriental rug. MacIveen's rug has more than 30,000 hand tied knots and took more than \$65 worth of material to weave.

quality of an oriental rug is to count the number of knots per linear inch and MacIveen stressed that 20 knots per inch is a very high quality rug.

Though he isn't planning on making oriental rugs as a occupation, MacIveen is going to make another using a pattern especially designed for an English nobleman. He feels that since

these oriental rugs wear so long and so well, they will be nice to leave as heirlooms to be handed down to the grandchildren.

For MacIveen who has been with the Army Missile Command since the early days of 1958, rug weaving is an additional hobby for the cold months although boating is still his love during the summer.

WHOLESALE TO THE PUBLIC . . .

All cars not sold at the Huntsville Dealers Auto Auction held each Friday at 117 Jordan Lane (for dealers only) will be sold at substantial SAVINGS . . . OPEN WEEKDAYS TO THE PUBLIC.

**OPEN SATURDAYS 8 A.M. till NOON
MON. thru THURS. 8 A.M. to 6 P.M.**

All cars have guaranteed—Titles, and motor and drive train checked. Bank financing available. Come by and look and drive the car of your choice. See Stan or Ted Connell.

1968 FORD L.T.D. 4 door hardtop, air & power, local one owner, excellent condition.

Book Price \$1,980 **OUR PRICE \$1,710.**

1967 CHEVY STATION WAGON, 4 door Impala, air and power, local one owner.

Book Price \$1,700 **OUR PRICE \$1,550.**

1966 BONNEVILLE SEDAN. Very special condition, air and power. Save \$200 at \$1,180

1969 BUICK ELECTRA, 4 door hardtop custom. Only 28,000 miles, warranty. Save \$300 at \$3,490

1968 FIAT 124. Overhead cam, fine sports car, 29,000 miles. Save \$300 at \$1,550

Huntsville Dealers Auto Auction

117 JORDAN LANE 837-4101 or 837-4595

IF YOU ARE LOOKING FOR A GOOD PLACE TO BUY FURNITURE

Try . . .

HALE BROS. FURNITURE CO.

106 JEFFERSON ST. — DOWNTOWN

YOUR CHARGE ACCOUNT INVITED

Free Customer Parking You can pay your Telephone Bill here.
Member of Park & Shop

Security Is A Must In Missile Library



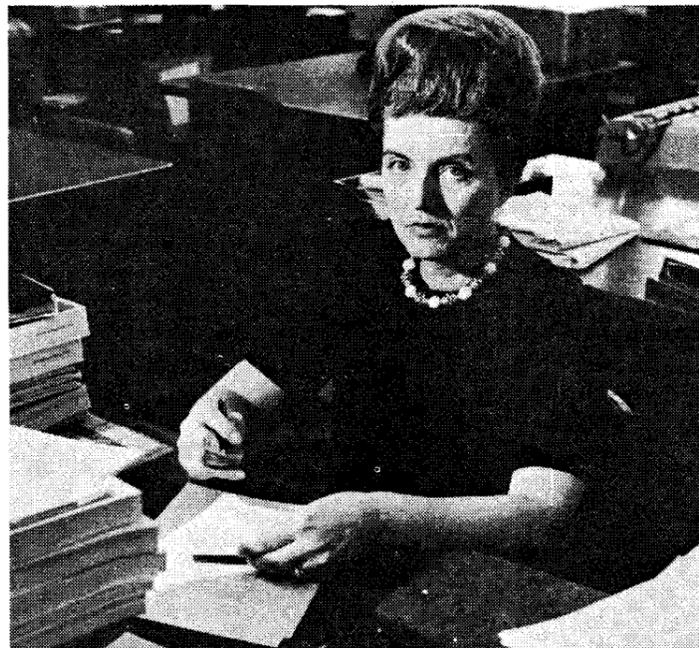
FOREIGN MISSILE DOCUMENTS—Mrs. Jo W. Berry and Agnes Britton, Library Technicians, file some of the more than 25,000 documents on foreign rocket and missile systems that are located in the Army Missile Command's, Missile Intelligence Library. These files and documents are constantly updated to keep abreast of new advances in missile technology by foreign powers.



SECURITY A MUST! — Mrs. Alta B. Scott, (seated,) checks on the background of a Missile Command employee before he is allowed to use the facilities. Mrs. Doris Maples, center, Clerk typist is checking a card for Dave Macrory, Intelligence Research Specialist. Security precautions are necessary since most information in the library is classified and available only to persons with a need to know.



INFORMATION COMING IN — Mrs. Virginia Doss, left, Library Technician, and Mrs. Marcile Bagley, Chief, Document Support Branch, check out the High Speed Printer that is hooked up to the Centralized Information Reference and Control, On-Line, (CIRCOL) which in turn is connected with a central Dept. of Defense repository. This system provides rapid access to information stored on microfiche. The Missile Intelligence Library has more than 15,000 microfiche packets covering approximately 400,000 documents.



CATALOGING STARTS HERE — Mrs. Imogene McCauley, librarian, catalogs and cross references more than 10,000 documents annually for the Missile Intelligence Library. These documents are cataloged by subject, title, and key wording for easy reference and access.



CATALOG CARDS VITAL — Glenda Welti, Intelligence Aid and Grady Todd, Intelligence Research Specialist, take reference notes as Mrs. Bonnie Miller, Librarian, looks up a document in the master card catalog. Documents are filed by title, source, subjects or key words and library patrons must have assistance from the librarian on duty, since there are more than 25,000 documents listed.

VETERANS

Your full time training allotment is now \$230.00 per mo. (2 dependents). Half time \$114.00 (2 dep.)

- Accounting
- Business Administration
- Office Machines
- Computer Programming — COBOL.

Tuition full time \$80.00 per school mo.
Tuition half time \$60.00 per school mo.

No contract to sign. You will get professional training from degree-holding instructors. War orphans and war widows also eligible for benefits.

FULLY VA APPROVED
Day and Evening Classes

North Alabama College of Commerce

528 Madison St., South
536-2611 or 539-0429
It's The Reliable School!



Tourway Inn
of HUNTSVILLE

PRESENTS

G. I. Special

Must Present I. D. Card
3 DAYS 2 NIGHTS

CHECK IN AFTER 1300
FRIDAY, CHECK OUT
BY 1700 HRS. SUNDAY.

1 Room — 1 Double Bed TOTAL \$12.72

1 Room — 2 Double Beds TOTAL \$16.96

COLOR T.V. IN SOME ROOMS

VISIT "SARGE" IN OUR
RESTAURANT.

OPEN FROM 6 A.M. TO 11:00 P.M.
MIDNIGHT ON SAT. NIGHT

RESTAURANT MANAGER
1-SGT. BULLARD, Retired



WANT ADS

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

1. For Rent

FOR RENT—3 bedroom unfurnished brick house, stove and refrigerator furnished, beautiful lot, nice neighborhood, 2105 Dogwood Lane \$125.00 mo. phone 852-2063. 1tc

UNFURNISHED house for rent—Northwest 3 bedroom, living, dining combination, large kitchen, gas stove and electric refrigerator furnished, 1 bath, window air conditioners, fenced yard, curtains and drapes throughout, newly decorated washer, dryer connections in kitchen, walking distance Rolling Hills School, rent \$95.00 first and last mo. in advance, phone 837-2764. 1tc

3. Miscellaneous

AMERICA'S fastest growing military employment referral system needs reps. Big earnings—full or spare time. Men or women. Apply Plan Bravo, 160 5th Ave., N.Y.C. 1tc

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

NEED PIANO THIS FALL? See Forbes Piano Co. in Decatur, Ala. No money down and \$15.00 per month with option to return within 6 months. FORBES PIANO CO. DECATUR, ALA. 101 2nd AVE. N.E. PHONE 353-0772. 10-9 c

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. 1tc

FOR SALE—Chapman Heights, 3 bedroom, 2 bath brick, all built-ins, beautiful carpeting throughout including kitchen, must see to appreciate, phone Jack Ivy, 536-6146. 1tc

First Quarter Of 1970

Negro Combat Deaths Drop, Defense Report Announces

WASHINGTON (AFPS) — A drop in the percentage of Negro combat deaths during the first three months of 1970 has been reported by the Department of Defense.

Latest Pentagon figures also show for the first time the percentage of Negro combat deaths has fallen below the total percentage of Negroes in the war zone.

There were 52,000 Negro servicemen in Southeast Asia as of March 31, representing 10 per cent of the total American force. During the first three months of the year, 100 Negroes were killed in battle, accounting for 8.5 per cent of the 1,178 Ameri-combat deaths.

Last year, when Negroes comprised 9.7 per cent of the 567,802 U.S. forces in Southeast

Asia, there were 1,019 Negroes killed in combat, or 10.8 per cent of the 9,414 combat deaths.

Between 1961 and 1968, Negro deaths in combat totaled 4,130 or 13.5 per cent of the total killed in action. Pentagon figures, which did not include total Negro participation in Southeast Asia for those years, showed 44,551 Negroes made up 10.6 per cent of the U.S. servicemen in the war zone as of Dec. 31, 1966.

Armed Forces-wide, there were 292,713 Negroes on active duty as of March 31, 1970, representing 9.5 per cent of the total active duty force. About 284,000 constituted 10.5 per cent of the enlisted force, and 8,734, or 2.1 per cent, were officers.



Money service for servicemen—at HFC

Looking for a trustworthy place to borrow? Ask a buddy who's borrowed from HFC. He'll tell you that we give understanding money help promptly. Every year hundreds of thousands of service people borrow with confidence and repay with convenience at Household Finance. You can, too. Come in today.

Need up to \$2000?

Loans up to \$300 made under State Supervision

HOUSEHOLD FINANCE 
Corporation of Huntsville

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

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

Civil Service Seeks New Salary Rule

The U.S. Civil Service Commission has submitted to Congress an Administration proposal for an improved, permanent system for adjusting the salaries of Federal white-collar employees.

The proposal vests in the President the responsibility for making annual adjustments in pay in conformity with policies approved by Congress and based on surveys conducted by the Bureau of Labor Statistics.

The proposal places upon the President's agent the responsibility to consult with employee organizations on specific matters relating to salary adjustments. Further, it provides for review of these actions by an impartial body which will resolve any remaining issues or which will recommend to the President the means of resolving such issues.

As submitted to Congress the proposal would:

1. Afford an appropriate role to the President, the Congress, and Federal employee organizations in the setting of pay.

2. Extend the comparability concept embodied in the 1962 and 1967 pay laws and thereby keep Federal workers' pay comparable with salaries paid by employers outside of Government.

3. Reduce to a maximum of 6 months the time lag between a pay survey and the effective date of a Federal salary adjustment.

4. Create an Advisory Committee on Federal Salaries, an impartial body of three non-government members appointed by the President to serve 6-year terms.

Responsibilities

The Office of Management and Budget and the Civil Service Commission would continue to serve jointly as the President's agent. They would consult fully with employee organizations on BLS salary survey coverage, comparability methods, and results, and would recommend salary adjustments to the President.

The Advisory Committee would review annual recommendations of the Civil Service Commission and the Office of Management and Budget, consider the views of employee organizations, Federal officials, and other experts on the analysis and pay proposals in the CSC-OMB report, and recommend to the President the action he should take on the schedules recommended.

The President would adjust schedules and report his action to the Congress before October 1 each year. He would furnish to Congress reports and recommendations of CSC-OMB and the Advisory Committee.

Congress would monitor the policies and practices embodied in

the proposed law, and would enact changes in the law as members deem necessary. If in any year the President determines that the adjustment required by the law is not appropriate because of a national emergency or economic conditions affecting the general welfare, he must notify Congress of the alternative action he proposes to take. Congress would then have the opportunity to approve or disapprove his proposed action. Should the Congress disapprove, the President would have to make the adjustment called for under the permanent law.

Federal employee organizations would be consulted fully on survey coverage, the salary comparison process, and the adjustments required to achieve comparability with private enterprise salaries.

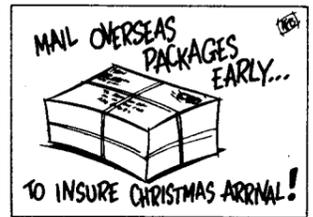
Time Frame and Effective Dates

At present, surveys of salaries in the private sector are conducted by BLS as of the end of June each year. Following this time frame for the present, the proposal provides that Federal salary adjustments would be made in January of 1971 and 1972.

Beginning in 1972, the BLS survey would be moved up to the Spring, and adjustments would be made in October, six months after the survey.

Coverage
Federal salary rates derived

under the proposal would apply to all categories of Federal employees paid at statutory rates except postal workers.



DEADLINE FOR FREEDOMS FOUNDATION ENTRIES...



COMING SOON

"The County Fair" MINI SHOPPING CENTER

Get in on the ground floor in the Mini Shopping Center. Designed for the unusual business and the small businessman. The following are some examples of the type business we are interested in.

Bride Shop
Tuxedo & Formal Shop
Wig Shop
Chinaware Shop
Antique Shop
Country Store
Carpet & Drapes
Bake Shop
Western Shop
Indian Crafts
Prison Crafts
European Imports
Mexican Imports

Oriental Imports
South American Imports
Tobacco Shop
Gourmet Shop
Candle Shop
Hobby Shop
Flower Shop
Pastry Shop
Cosmetics
Sports Shop
Toy Shop
Pet Shop
Children's Clothing

Own and operate your own business with and unbelievable low investment.

FOR INFORMATION WRITE:

P. O. BOX 759
Huntsville, Ala. 35804

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.

1301 North Memorial Parkway
Firestone
 Phone 539-7441

Tire Blitz!

OPEN
 8 A.M.
 TO
 9 P.M.

\$13.50 to \$20 per pair

SAVE SAVE

Specially priced when you buy 2 tires during this gigantic sale on...

FULL 4-PLY

Strong, smooth-riding rayon cord construction

Firestone

"404"

New "78" Series WIDE Tire

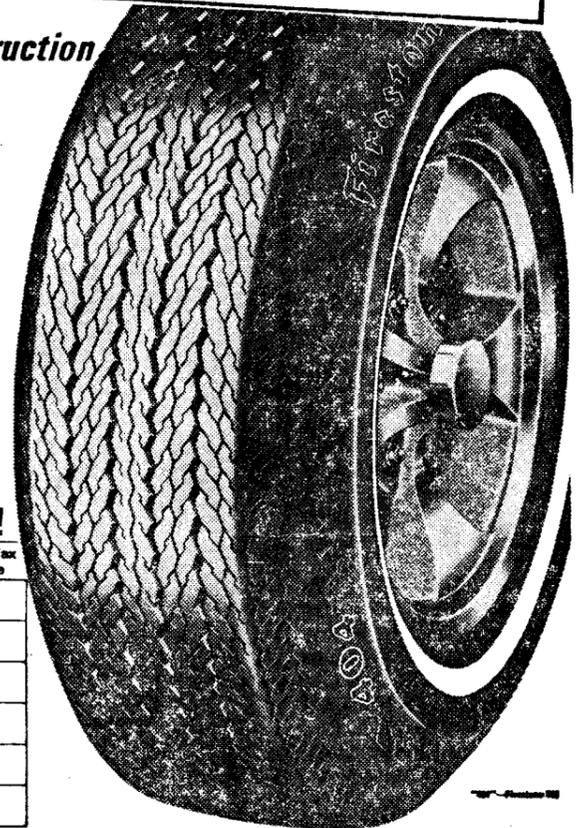
Built WIDE and LOW to give you quick steering response in traffic... excellent handling at turnpike speeds

LOOK AT THESE SAVINGS ON YOUR SIZES!

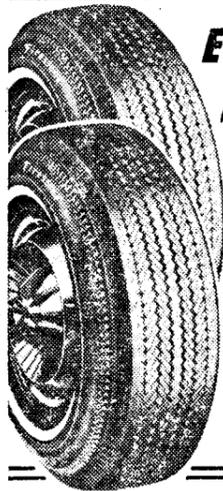
SIZE	Reg. price per pair	Sale price per pair	You SAVE PER PAIR	Fed. Ex. Tax Per Tire
E78-14 (7.35-14)	\$67.50	\$54.00	\$13.50	\$2.25
F78-14 (7.75-14) F78-15 (7.75-15)	71.00	57.00	14.00	2.44 2.40
G78-14 (8.25-14) G78-15 (8.25-15)	78.00	62.50	15.50	2.60 2.60
H78-14 (8.55-14) H78-15 (8.55-15)	85.50	68.50	17.00	2.80 2.80
J78-15 (8.85-15)	95.50	76.50	19.00	2.93
L78-15 (9.15-15)	98.50	78.50	20.00	3.20

All prices plus taxes and 2 tires off your car.

WHITEWALLS!



Why buy an unknown brand when you can have Firestone quality at these low prices!



Everyday low prices on

POPULAR SIZES

7.75-14 7.75-15

Firestone

CHAMPION®

Full 4-ply nylon cord tire

2 FOR ONLY \$33.50 Tubeless Blackwalls

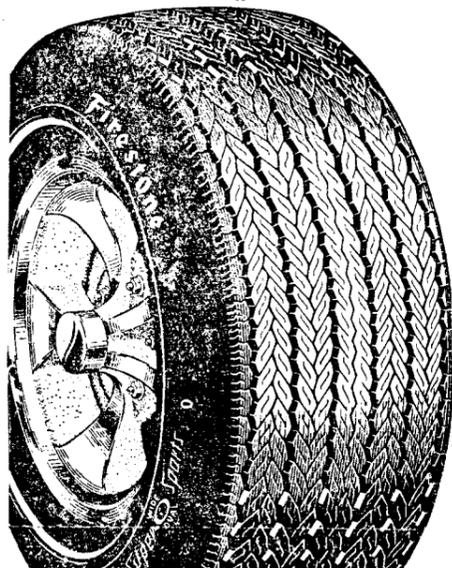
Popular sizes listed fit many Ambassadors, Chevrolets, Chevilles, Corvettes, Dodges, Fords, F-85's, Plymouths, Buick Specials, Tempests and many others.

Plus \$2.17 or \$2.19 per tire Fed. Ex. Tax and 2 tires off your car. WHITEWALLS ADD \$3 PER TIRE.

Buy today! **3 WAYS TO CHARGE**



BELTED WIDE OVAL TIRES



Firestone SUPER SPORTS WIDE OVAL™ SUP-R-BELT

Double-belted High-performance tires fit many Camaros, Chevy II's, Chevilles, Cougars, F-85's, Fairlanes, Barracudas, Mustangs, Javelins, Rebels, Classics, Plymouths

2 For Only \$69.00

SIZE E70-14 Plus \$2.43 per tire Fed. excise tax and 2 tires off your car

WITH THIS COUPON

Front End ALIGNMENT

Precision alignment by skilled mechanics.

Cars and light trucks **\$5.77**

Cars with torsion bars or air cond. slightly higher.
 Coupon expires Oct. 3, 1970

WITH THIS COUPON

TIRE ROTATION

Cars and light trucks **77c**

Coupon expires Oct. 3, 1970 We'll rotate all 5 tires and inflate them to proper air pressure.

WITH THIS COUPON

LUBE and OIL CHANGE

Cars and light trucks **\$3.77**

By appointment only

Includes up to 5 quarts of premium oil and expert lubrication.

Coupon expires Oct. 3, 1970

WITH THIS COUPON

BRAKE ADJUSTMENT

Cars and light trucks **77c**

Disc brakes excluded

Coupon expires Oct. 3, 1970

WITH THIS COUPON

Precision WHEEL BALANCE

Cars and light trucks **\$1.77**

per wheel weights included

Coupon expires Oct. 3, 1970

WITH THIS COUPON

REPACK INNER AND OUTER FRONT WHEEL BEARINGS

Cars and light trucks **77c**

Disc brakes excluded Grease seals extra if needed

Coupon expires Oct. 3, 1970

WITH THIS COUPON

4th SHOCK ABSORBER

Buy 3 shock absorbers at our everyday single price... GET THE 4TH FOR 77c

Cars and light trucks **77c**

Coupon expires Oct. 3, 1970

LET US SAFETY-CHECK YOUR CAR!