



TOW GUNNERS TRAIN—SFC Freeman Grace, Jr., of Fort Greely, Alaska, gets the "feel" of firing TOW—using shotgun shells instead of guided missiles. These firings were part of a program held at the U. S. Army Missile Command recently to train TOW gunner-operators. Both military and civilian students took part in the training. The TOW program is managed by the Missile Command. Hughes Aircraft Company is prime contractor.

TOW Gunners Practice

TOW, one of the Army's newest missile systems being developed to kill heavy armor, can hurl a guided missile with deadly accuracy to knock out a tank more than a mile away.

But in unique training tests at Redstone Arsenal this week, a TOW launcher was used to fire missiles much less spectacular—plain, ordinary shotgun shells.

The tests are part of the program at the U. S. Army Missile Command to train Tow operators-gunners. Training will prepare personnel to operate the weapon system when TOW enters engineering tests/service tests. Both military and civilian students are participating in the program.

Shotgun shells, loaded in a special rig in the barrel of the launcher, give the gunner a "feel for firing the weapon" that will prepare him for actual guided missile fir-

ings, the Army said.

The training program is conducted by Hughes Aircraft Company, TOW prime contractor, under the technical supervision of the New Equipment Training Division of the Missile Command's Supply and Maintenance Directorate.

These same students will operate the system when testing is conducted later "to prove out the TOW for Army acceptance."

Other training includes an introduction to the TOW system, theory of system operation, organizational and field maintenance and system operational tasks.

The TOW program is managed by the Missile Command under Lt. Col. Ballard B. Small, Project Manager.

Now in advanced production engineering, TOW is being develop-

(See TOW on Page 3)

Arsenal-Wide

Spot News

Dial 112

The Redstone Rocket

Published by Jack W. Hoffhaus, Hartselle, Ala., a private individual in no way connected with the Department of the Army. Opinions expressed by the publishers and writers herein are their own and are not to be considered an official expression by the Department of the Army. The appearance of advertisements in this publication does not constitute an endorsement by the Department of the Army of the products or services advertised.

VOL. XV; NO 7

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

JUNE 29, 1966

ABRAMS HERE TONIGHT

Dr. Barbin To Direct Lectures

An Auburn University professor, Dr. Allen R. Barbin, working in the Research and Development Directorate's Inertial Guidance and Control Laboratory at the U. S. Army Missile Command this summer, will direct a 20-lecture series for other college faculty members, engineering and science students working at the Arsenal this summer. The series begins July 15.

The lecture series is being presented by the Training and Development Division of Civilian Personnel, Army Missile Support Command. Lucy Grace is coordinating the series.

This is the fourth annual sum- (See DR. BARBIN on Page 3)



PERSONNEL SERGEANT MAJOR—Sergeant Major William C. Merrell (center) receives the stripes of his rank when he was reassigned from First Sergeant to Sergeant Major for Personnel at the U. S. Army Missile Command. Personnel Chief, Lt. Col. Theresa M. Effengham, and Chief of Staff, Col. William F. Kaiser, display the stripes with the star in the center. The new Sergeant Major is a veteran of more than 30 years in the U. S. Army. He has been at Redstone Arsenal since 1964. He has served with the Infantry, the Military Police, in Personnel and in company work. When he retires, he plans to return to the San Francisco Bay area.

General Speaks At AUSA Meet

The role assigned to Redstone Arsenal by the Army in the strategic worldwide deployment of American forces will be discussed tonight when Gen. Creighton W. Abrams, Jr., makes his first public appearance in the Huntsville area.

The Army's Vice Chief of Staff will be the guest speaker for the annual installation meeting of the Tennessee Valley Chapter of the Association, U. S. Army. He will talk on "Materiel Readiness for Strategic Deployment."

Some 600 members of the AUSA's third largest chapter are expected to attend the meeting at the Redstone Arsenal Officers' Open Mess.

(See GEN. ABRAMS on Page 3)

Low Cost Film Assists Program Implementation

A new concept in program indoctrination is being inaugurated by the Army Materiel Command this week through distribution of an orientation film produced by the Missile Command.

PERSHING'S FIRE AS PROGRAMMED

Two launches of the Army's mightiest missile, the Pershing, from a desert site near Gilson Butte, Utah, the past week were successful, with both missiles impacting in target areas on White Sands Missile Range, N. Mex.

Troops of the 44th Artillery and 79th Artillery from Ft. Sill, Okla., conducted the firings as part of annual service practice exercises. Another Pershing is scheduled to be fired today from Gilson Butte, which is thirty-five miles southwest of Green River, Utah.

Pershing is a two-stage solid propellant ballistic missile which can deliver a nuclear warhead on (See PERSHING'S on Page 16)

The low cost film was produced to acquaint operation officials at all echelons with the PEMARS (PEMA Management and Reporting System) program. The new system is being implemented throughout AMC on a phased basis starting in July.

It is intended for use by operating officials who will have the responsibility for placing the Missile Command-developed program into practice.

In three parts, the film is narrated by Col. David Marcelle, the Missile Command's Comptroller and Director of Programs, and E. L. Brinckman, Special Assistant for Programs in the Office of the Deputy Chief of Staff for Logistics.

Col. Marcelle headed the four man steering committee at the Missile Command that guided the PEMARS program through the development and testing stages. (See PEMARS on Page 3)

Army Awards Two Contracts

The U. S. Army has awarded two contracts, totaling \$2,636,512 to the Pomona Division of General Dynamics Corporation, to support continued production of the Army's Redeye air defense guided missile system.

The first contract, for \$1,529,200, provides for engineering services on Redeye rocket motors. The second, for \$1,107,311, calls for the production of guided missile test sets to check out the weapon system.

Redeye is the world's smallest guided missile—a shoulder-fired weapon which will give the infantryman an effective defense against low-flying enemy aircraft.

The U. S. Army Missile Command, manages the weapon system under Col. A. W. Reed, Project Manager. General Dynamics Corporation is prime contractor.

Negotiating the contract for the Army was the Southwest Procurement Agency, Pasadena, Calif.

Col. Cooke Announces July Retirement Plans

Col. Thomas W. Cooke plans to live at Manalapan on Hypoluxo Island in Florida when he retires from the Army at the end of July.

Col. Cooke has been the Commander of the U. S. Army Missile Support Command since 1961.

The Colonel and his wife, Barbara Jane, came to Redstone Arsenal in 1959. He was first assigned as deputy and then as Chief of Staff in the Army Ordnance Missile Command, since reorganized and named the Army Missile Command.

No successor has yet been named to Command the Support Command.

Col. Cooke is a 1936 graduate from the U. S. Military Academy. A native of Dayton, Ohio, he attended Western High School and Devitt Preparatory School in Washington, D. C., before studying at the University of Maryland for one year. In 1949, he received a Master of Business Administration Degree from the University of Pennsylvania.



Col. THOMAS W. COOKE

The Colonel came to Redstone Arsenal from Korea where he served as Senior Ordnance Advisor on the Korea Military Assistance Group for one year. Other over- (See COL. COOKE on Page 3)

The Redstone Rocket

The Redstone Rocket is published weekly, on Wednesdays. The publisher will receive editorial content for publication in the Rocket only through the information Office, Army Missile Command, Redstone Arsenal, Ala., Bldg. 5250, Room A-136, Extension 376-1400 or 376-1500.

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

The Redstone Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates off port for the Rocket are \$6.36 a year, or \$3.50 for six months, tax included. Mailing arrangements may be made with the publisher, P. O. Box 520, Huntsville, Ala.

Rocket Ruminations

Luck is the crossroads where preparation and opportunity meet.
(Civil Service Clippingsheet)

"The American Way"

On July 4 we celebrate the signing of our Declaration of Independence. It was on that day we came into being as free men. The date: July 4, 1776.

It has been 190 years since that document was signed. But as documents go, the Declaration of Independence is barely passing into adulthood. England's Magna Carta, for example, is more than 700 years old.

Every Fourth of July we celebrate brings us closer to the bicentennial of our independence. In the mileage of history you might say it is just around the corner.

But our growth to the leadership of the Free World in less than two centuries is a miraculous chapter in the annals of man. Our youth is our triumph, acknowledged by nations whose history is as old as civilization.

The Declaration of Independence serves as our guide and our inspiration. Its basic principles seem a perfect definition of that elusive phrase, "The American Way."

Yes, it's true we are a young nation in years, but we'll never grow so old this famous passage from the Declaration of Independence will lose its meaning:

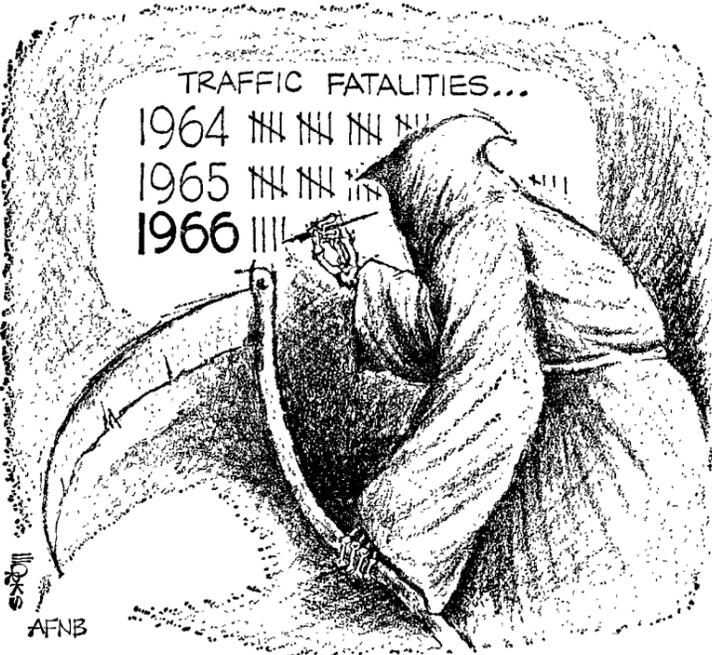
"That all men are created equal; that they are endowed by their Creator with certain inalienable rights; that among these are life, liberty, and the pursuit of happiness . . ."



Road Hazards Ahead

Summer means vacation and weekend trip time for millions of Americans, including those in uniform. For the majority, the trips will be remembered as pleasant ones. But for some, they will end in grief, pain and even death.

Warm weather, dry roads and bright sun all combine to make good drivers relax after the rigors of winter. The tendency of the average driver is to think summer



roads are safe. This is an inaccurate impression. Summer driving is probably more dangerous than winter driving. The difference is in the source of danger.

One major problem in summer stems from the automobile population on highways on any given day. People simply drive more in summer. The highway population sharply increases on weekends. It jumps even more on long holiday weekends such as the 4th of July. Every additional car on the road is a potential accident source.

Another hazard directly related to heavy traffic is the "sour temper hazard." It is brought on by heat and congestion. It can lead to rash moves—irrational lane switching, bumper hugging and sudden changes in speed.

The tendency to relax behind the wheel when the weather is good and the road free of heavy traffic is a danger in itself. Sudden emergencies can arise that require quick reaction by an alert driver.

The final major danger in summer driving is trying to drive too far, too fast and without rest. Getting home a few hours earlier becomes more important than staying alive.

Don't be one of those drivers who will become a statistic under "Auto Deaths" or "Auto Injuries" before summer is over. Drive defensively and remember the dangers of the highway. (AFNB)



NIKE-X DEPUTIES HONORED—Two Nike-X Deputy Project Managers who are leaving the Project were honored Saturday night during a party at the Redstone Officers Open Mess. They are Col. R. B. Braid who is retiring from military service and Col. William H. Roedy who is being reassigned. Col. Braid was presented with the Legion of Merit by Col. I. O. Drewry, Nike-X Project Manager, during the ceremonies. Left to right are: Col. and Mrs. Braid who will live near Winter Haven, Fla., Col. and Mrs. Roedy and Col. Drewry. More than 200 members of the Nike-X Project Office attended the farewell gathering.

Col. Braid Receives Legion Of Merit Medal

Col. R. B. Braid, Nike-X Deputy Project Manager for nearly three years and a former Commanding Officer of Watertown Arsenal, has been awarded the Legion of Merit.

Col. Braid will retire from the Army late this month following 26 years of service. He was presented the Legion of Merit Saturday evening by Col. I. O. Drewry, Nike-X Project Manager, during a Nike-X social gathering at the Redstone Officers Open Mess in Col. Braid's honor.

Army Encourages College For Officers, Enlisted

The Army has approved a new educational program that will make a college degree a goal for all its regular officers and many of its regular enlisted men.

Details of the new program were received today at the Army Missile & Munitions Center & School in a message from the commander of the Third U. S. Army, Ft. Mepherston.

The message announced Army-wide approval of a number of recommendations made by a high-level study group headed by Lt. Gen. Ralph E. Haines, Jr., and composed of leading military and civilian educators who made a full year's study of the entire Army school system. The Haines Board gave special attention to the educational levels of officers and enlisted men required in this time of rapidly advancing technology.

With 86 percent of all its regular officers now college graduates, the Army said a university education will now be an objective for all its regular officers.

A program is also being established for selected enlisted men to complete undergraduate schooling in skills particularly required by the Army. This is to be followed by attendance at Officer Candidate Schools.

Other Haines Board recommendations also approved provide that:

Airborne training for officers will be limited only to those being assigned to airborne units.

Active Army officers will attend regular advanced officer courses and the regular course at the Command & Staff College only, and that associate courses be replaced by mobilization courses consisting of combined resident and non-resident instruction for officers not in the active Army.

A career program will be established for civilian educational advisers at Army schools.

Some faculty research positions will be added to and some civilian professors will be considered for the staff of the Army War College.

Elective subjects will be introduced in the advanced officers, Command and General Staff College and Army War College courses.

Career specialist programs for officers will be established in the fields of automatic data processing, operations research, systems analysis and comptrollership.

The advanced and orientation courses at the Army Security Ag-

ency and Intelligence Schools will be combined into one advanced course and one orientation course, both to be taught at the Army Intelligence School at Fort Hollabird, Md.

Educational seminars will be conducted biennially, commencing in fiscal 1967, for selected faculty members of Army schools, civilian educators, educational research and development specialists.

Also honored during the gathering was Col. William H. Roedy, Nike-X Deputy Project Manager for Engineering Activities who is being reassigned.

Col. Braid joined the Nike-X Project as Deputy in August, 1963, after having served for three years as Commanding Officer at Watertown Arsenal.

A Native of Quincy, Fla., he graduated from Rutgers University and entered service in 1940.

Since 1950 he has served in the Office, Chief of Ordnance and attended the Army War College. He also served as Chief of the National Industrial Division at Watervliet Arsenal, N.Y., and as Commandant of the Army Ordnance School in Europe and as Deputy Commandant then Commandant of the Engineer-Ordnance School.

He and Mrs. Braid will retire in Florida.

LEAVE? LOAN!

INSTANT VACATION CASH FOR SERVICEMEN AND BASE-EMPLOYED CIVILIANS

BORROW \$301

\$500 .. \$1000

UP TO \$2500

PHONE BY

10 AM

FOR A CASH LOAN BEFORE

5 PM

THE SAME DAY

OR RUSH COUPON TODAY GET YOUR CASH TOMORROW

TO: AMERICAN PLAN (Mail to office nearest you)

NAME _____ AMT. WANTED _____

ADDRESS _____ PHONE _____

WIFE OR HUSBAND'S NAME _____

LIST 3 PLACES AND CITY _____

WHERE YOU HAVE USED CREDIT: _____

EMPLOYED BY _____ PHONE _____

ADDRESS _____

MILITARY PERSONNEL COMPLETE THIS INFORMATION!

SERVICE NO. _____ RANK _____

AGE _____ BASE PAY AND ALLOWANCES MONTHLY _____

MY PRESENT MILITARY SERVICE OBLIGATION TERMINATES _____ Date _____

LENGTH OF MILITARY SERVICE _____ Years

CASH YOU GET	21 MONTHLY PAYMENTS	CASH YOU GET	25 MONTHLY PAYMENTS
\$ 847.06	\$ 46.00	\$ 429.20	\$ 20.00
1,341.18	72.00	751.12	35.00
1,531.23	82.00	1,084.45	50.00
2,100.00	111.92	1,528.89	70.00
		2,500.00	113.70

AMERICAN PLAN MEMBER

AMERICAN FINANCE SYSTEM

America's Dependable Loan Service

HUNTSVILLE: 207 Randolph Avenue, S. E. 534-7333



CONTROL THE BUDGET—A large share of the Department of Defense budget is controlled by these men who were at Redstone last week for a briefing on the PEMARS (procurement of equipment and missiles, Army, management, accounting and reporting) system. Shown during a luncheon at the Officers Open Mess, are (left to right) Col. David Marcelle, the MICOM Comptroller and Director of Programs; Leonard W. Hoelscher, Deputy Comptroller and Director of Programs; Leonard W. Hoelscher, Deputy Comptroller, Army; Dr. Robert N. Anthony, Assistant Secretary of Defense, Comptroller; W. Brewster Kopp, Assistant Secretary of Army, Financial Management; and Maj. Gen. F. J. Chesarek, who will assume his duties as Comptroller of the Army on July 1.

Allford To Receive CD Award

DECATUR — E. E. Allford, an architectural engineer at the U. S. Army Missile Support Command, Redstone Arsenal, was scheduled to be one of the recipients of a singular honor today as the Alabama Civil Defense Association opened its annual meeting.

Allford, who lives in Ryan's Crossroads, was to receive a certificate signed by Governor Wallace commending him as an outstanding volunteer Civil Defense worker. The recognition came for Allford's long service to the Morgan County Civil Defense organization.

The limitation on Series E Savings Bonds purchased and held in any one calendar year has been increased from \$10,000 (maturity value) to \$20,000. The H Bond limitation went up from \$20,000 (face value) to \$30,000.

GEN. ABRAMS

(Continued From Page 1)

Sharing the spotlight for the annual meeting with Gen. Abrams will be William T. Weissinger, III of the Chrysler Corporation's Huntsville facility. Weissinger heads the newly elected slate of chapter officers that will be installed for the coming year.

He succeeds Dr. Frederick Schultz of the General Electric Company, at the helm of the 4,200 member organization.

Gen. Abrams is expected to draw heavily on the lessons that have been learned from the Vietnam and Dominican Republic situations and to discuss their applications to other potential zones of unrest throughout the world.

One area of concern which is likely to be discussed thoroughly is the research and development phase of Army logistics.

Gen. Abrams was named by President Johnson to be Vice Chief of Staff for the Army in September 1964 after capping 30 years of active commissioned service. He was called back from Europe where he was Commanding General of the Fifth Corps, to assume his new duties.

A native of Massachusetts and a 1936 graduate of the U. S. Military Academy, General Abrams was a combat tank commander with the 4th Armored Division in the European Theater during World War II.

Following the close of the war he was assigned to the War Department General Staff with duty on the board to determine the Army's post-independence base requirements in the Philippines and later to the Plans Section of the Army Ground Forces.

Since that time Gen. Abrams has served a succession of increasingly responsible positions with the Army and has attended the Command and General Staff College and the Army War College.

Other guests invited to attend the installation meeting are Maj. Gen. George T. Duncan, Deputy Commanding General of the Third Army, and Col. J. D. Rosenberger,

TOW

(Continued From Page 1)

ed for the infantryman to use against tanks and field fortifications. Combining a lethal warhead with high accuracy at both close and long ranges, TOW is effective against both moving and stationary targets.

TOW can be carried by troops and fired from a ground emplacement or it may be mounted on a variety of vehicles.

of Birmingham, the Alabama vice-president of the Third AUSA Region.

Gen. Abrams will be introduced by Maj. Gen. John G. Zierdt, Commanding General of the U.S. Army Missile Command.

PEMARS

(Continued From Page 1)

Other members of the committee are Paul Schaeppi, A. A. Stewart and W. N. Calcote.

PEMARS represents a turning point from the traditional government accounting practices, serving primarily fiscal needs to an accounting concept that meets management requirements as well.

The concept had its origin in the Joint Improvement Program that was initiated as a result of the Hoover Commission Report of 1949. Late in 1964 the Army Chief of Staff directed the Comptroller of the Army to develop an adequate accounting and reporting system for the management of Procurement of Equipment and Missiles, Army (PEMA).

The Missile Command was designated the general operating agency for participation in Department of Army and Army Materiel Command developmental tests. The MICOM system was developed with DA and AMC guidance for implementation at the installation and commodity command level.

A number of leading officials from all levels of Army logistics management came to Redstone last fall for a progress report on the program development. Authority to produce the indoctrination film came out of that briefing.

DR. BARBIN

(Continued From Page 1)

mer lecture series conducted at the Arsenal and jointly sponsored by the Army and the Marshall Space Flight Center where the lectures will take place in the Morris Auditorium on Mondays and Fridays.

The lectures relate to engineering science functions as seen on the job and learned in the classroom.

The director, Dr. Barbin, is currently conducting research in turbulent fluid flow at Auburn University. He is a consultant to an Advanced Projects Group at the Oak Ridge National Laboratory where he worked in the summers for the past four years.

He has taught mechanical engineering at Texas A&M and Lamar Tech and has been an associate professor at Auburn since 1961.

Maj. Gen. John G. Zierdt, Commanding General of the Missile Command, told the conferees at that time, "I consider PEMARS not only necessary, but long overdue.

He urged the other commodity commanders to accelerate their planning, training and development phases to insure implementation by the target date.

COL. COOKE

(Continued From Page 1)

seas service includes duty at Manila, Phillipine Islands, before World War II, and in the China-Burma-India theater during the war.

Col. Cooke is a graduate from the Command and General Staff College and served in the Office of the Chief of Ordnance in Washington, D. C., as well as posts in Maine, Maryland, Virginia, Florida, Tennessee, Arizona, Pennsylvania and New York.

His awards include the Legion of Merit with an Oak Leaf Cluster, the Army Commendation Medal and a Meritorious Unit Service Plaque awarded his command. His ribbons reflect his service in the Pacific and his service in defense of his country, including five overseas bars.

Mrs. Cooke is the former Miss Barbara Jane Carper, daughter of Mrs. William S. Carper and the late Dr. Carper. Mrs. Carper now lives at Delray Beach, Florida.

The Tennessee Valley Boy Scout Council has made special awards to Col. Cooke for his support of the Council activities, including an annual Boy Scout Roundup at Redstone Arsenal each December. He has also been active in civic affairs in the Huntsville area.

ARTHUR COLE

WANTS TO BUY

\$1,000,000

WORTH OF PROPERTIES

In The City of Huntsville and Madison County

WITHIN THE NEXT 60 DAYS!

If you have property in the City of Huntsville or Madison County consisting of improved or unimproved residential, commercial or farmland property, please contact us at once if you want to SELL! Our office will be open Monday thru Friday 9 A.M. until 5 P.M. or Saturday 9 A.M. until 12 noon.

ARTHUR COLE

911 Madison Street

Phone 539-0626

Huntsville, Alabama



MIDAS® MUFFLERS

WE'RE SQUARE And You'll Like It!

You get assurance on all sides at Midas. The recognized leader in quality... Fast expert service... Low prices and the famous Midas guarantee for as long as you own your car. If replacement is ever necessary, you pay only a service charge.

DON'T RUN AROUND IN CIRCLES... GET A MIDAS SQUARE DEAL!



ALSO MIDAS TAIL PIPES • SHOCKS •

Next to the Corner of
**Bob Wallace Ave.
and Parkway**
539-5741

SOCIAL and CLUB EVENTS



MRS. FRANK BECKHAM POWERS, JR.

Miss Creighton-Mr. Powers Marry At Redstone Chapel

Miss Aline Marie Creighton, daughter of Lt. Col. and Mrs. Frank Milton Creighton, was married to Mr. Frank Beckham Powers, Jr., in a ceremony at the Redstone Post Chapel Saturday afternoon.

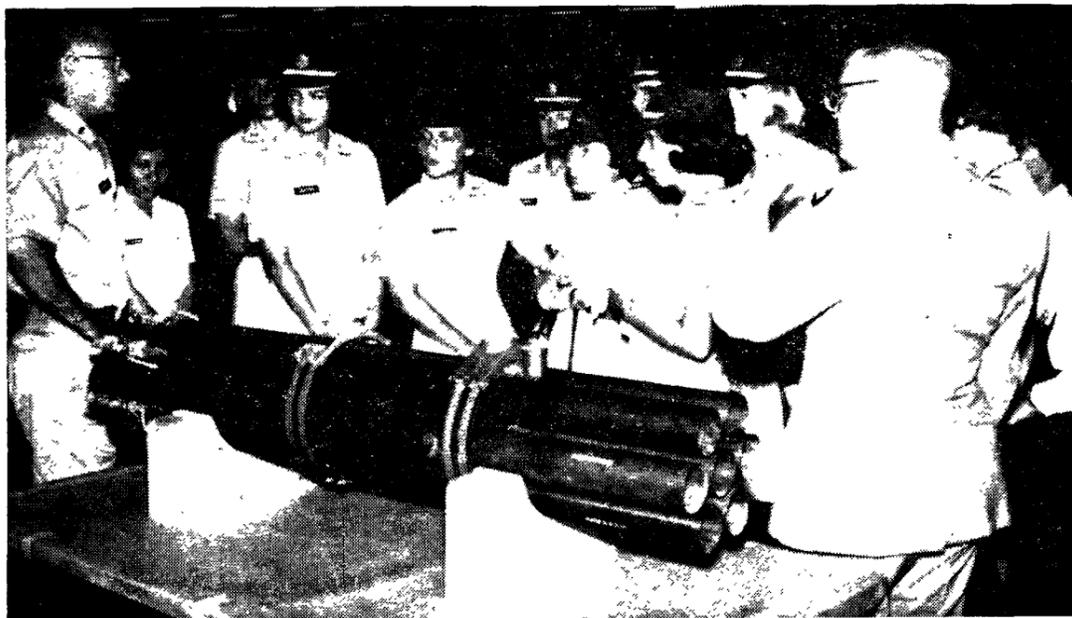
Mr. Powers is the son of Mr. and Mrs. Frank Beckham Powers of Knoxville, Tenn. Lt. Col. Creighton has been the Chief of the Control Office at the Army Missile Support Command.

Chaplain (Maj.) Peter Farrelly officiated at the double ring ceremony. Wedding music was presented by Miss Susan Colquitt of Redstone Arsenal.

The bride wore a white floor length empire gown with bodice of chantilly lace reembroidered with seed pearls, scalloped neckline and short scalloped sleeves. The A-line skirt had a cascade of chantilly lace down the front. The

detachable chapel length train was fastened in a bow at the waistline and the veil of silk illusion fell from a cluster of petals of silk organza and lily of the valley. The bride carried a bouquet of philanopsis orchids and lily of the valley on a white prayer book which was a gift of her grandmother and which had been carried by her mother at the time of her marriage. The bride wore a string of pearls which were a gift of the groom.

Bridal attendants were sisters of the bride. Miss Townley Creighton was honor attendant and wore a direttore gown with bodice and elbow length puffed sleeves in turquoise and yellow damask brocade. The softly gathered ball length skirt was in turquoise crepe with moss velvet ribbon accenting the arched waistline. Misses Edith and Susan Creighton were junior bridesmaids and wore turquoise



WACS VISIT REDSTONE—Forty-eight officers and officer candidates from the U.S. Women's Army Corps School at Ft. McClellan, Ala., last week toured Redstone Arsenal. Here, in the Production Test Facility of the Army Missile Command's Procurement and Production Directorate, some of the WACS listen as Lt. Don Schumate (left) and Capt. Thomas Vickers explain operation of the XM-158 rocket launcher used on helicopters. Standing next to Lt. Schumate is an officer candidate from the South Vietnam Women's Armed Forces Corps. Several of the South Vietnamese, who are in school at Ft. McClellan, were in the tour group.

Bridge Draws Seven Tables

At Thursday bridge sponsored by the Redstone Arsenal Officers Wives Club seven tables of players competed for top honors.

Mrs. A. V. Garrabrant was the winner with Mrs. E. T. Smith in second place and Mrs. Art Matthews in third. Mrs. Frank Dill held low cards for the day.

Mrs. Matthews is the coordinator for the summer.

Lt. W. Chenault Is Bridge Winner

Lt. W. Chenault won the Monday night bridge competition at Redstone Officers Open Mess last week.

He was followed by Mrs. A. V. Garrabrant. C. McBrearty was low for the evening among the six tables in play.

IEEE Elects Newman

William W. Newman, Jr., Deputy Director of the Army Missile Command's Ground Support Laboratory, has been elected Chairman of the Huntsville Section, IEEE. His term will run

Births At Post Hospital

Martha Suzanne Carothers, June 17, daughter of Major and Mrs. Glenn E. Carothers.

Candy Ann Hutson, daughter of Sp4 and Mrs. Larry W. Hutson.

Laura Diane Privett, June 22, daughter of 2/Lt and Mrs. Wilburn L. Privett.

Charles David Walker, June 22, son of Capt. and Mrs. Robert T. Walker.

Ronald Kent Wright, June 18, son of SFC and Mrs. Arnold Wright.

through 1966-67.

He had previously served as vice-chairman of the Section and as Chairman of the Engineering Management Chapter.

crepe long gowns copied after the maid of honor. Their headpieces were matching moss velvet bows and each carried a bouquet of long stemmed yellow roses.

Groomsmen were Cadet Milton Creighton of West Point, N.Y., Gene Horner of White Creek, Tenn., Haywood Smith and Mike Keller, both of Knoxville.

The mother of the bride wore a petal pink jacket dress in silk linen with matching accessories. The groom's mother wore a two-piece aqua ribbon knit with matching accessories. Both mothers wore corsages of philanopsis orchids.

Following a reception at the Redstone Officers Open Mess, the bride and groom left for a wedding trip to Florida. Mrs. Powers chose a two-piece tailored suit of mustard gold hopsacking with a silk multicolored blouse and matching accessories for travel.

Parents of the groom held a dinner following the rehearsal on Friday evening at the Open Mess. A brunch was also held on the morning of the marriage by relatives and friends of the bride for all out of town guests and members of the wedding party.

Dale Carnegie Course

Huntsville Classes Now Forming—Call 536-9501
Presented By Leadership Training Services

MASON FURNITURE CO.

you CAN afford the finest!

exciting new fabrics and colors... Individually custom tailored for your window!

draperies

Superbly custom tailored! Magnificent fabrics are hand-cut for each order and each panel is carefully pattern matched! Each pleat is triple folded... generous 4" bottom hems are blind stitched... linings are hand tacked!

Beautiful draperies and less than you think!

new -re-join- - Insulated WHITE Lining now at regular lining prices!

Pho. 534-3541 for Shop at Home Service Call Today!

Price To Fit Your Budget

price includes fabric measuring superb custom work installation

Mason Furniture Co.

115 CLINTON AVENUE

DOWNTOWN

GOT BIG PLANS FOR THE 4TH?

Need Sportswear? Come See Us at

the Town & Country SHOPPE

Open Thursday 'til 8 p.m. 119 N. Side Square "DOWNTOWN"



Shining Summer Hair For a Lovelier You!

Create a dazzling new you! Have our style and color experts give your hair new life and luster.

Phone For Your Appointment

QUICK'S BEAUTY SALON

117 Greene St. (Downtown)

Phone 534-4551





PANELISTS—A panel of experts, talked about the things each expects from his secretary during the recent Executive Secretarial Seminar sponsored by the Training and Development Division of the Civilian Personnel Office. Left to right are: Fran Havenick, panel moderator and an executive secretary; Frank Buckley, General Counsel; L. L. Gobar, Director of a Task Force for Department of Army Missile Support Committees; and Austin Couch, chief of Automatic Data Processing in the Procurement and Production Directorate.

Secretaries Hold Seminar

Secretaries to executives were treated to a tour of Redstone Arsenal and lunch at the Officers Open Mess on the first day of the recent Secretarial Seminar.

The seminar opened with a welcome by Brig. Gen. E. I. Donley, Deputy Commanding General for Land Combat Systems.

The secretaries also heard a panel of experts relate the things an executive expects from a secretary. Panel moderator was the secretary to the Assistant Director for Procurement Operations, Procurement and Production Directorate: Fran Havenick. Panel members were the General Counsel, Frank Buckley, a division chief from the P&P Directorate, Austin Couch; and L. L. Gobar who is serving as Director of the Logistics

School Sponsors Contest For More Suggestions

The US Army Missile & Munitions Center & School, is sponsoring a "Win-A-Bond" contest for all personnel during the month of July.

Starting on July 1, the contest is open to all civilian and military personnel under the jurisdiction of MMCS. During the following 30 days personnel are encouraged to submit their entries for judgment by a five member committee.

According to Royce Riddle, Office of Comptroller and Field Representative for the contest, the competition is to "stimulate interest and increase participation in the Army Suggestion Program." He added that it will also "Provide a source of promotional material for the Fiscal Year 1967 Suggestion campaign."

Rules of the contest, with a prize of a \$25 US Savings Bond, are: Complete the sentence "The Army Suggestion Program benefits MMCS because" in 50 words or less; identify your entry with your name and organization; forward your entry to The Management Division, Bldg. 3300, ATTN: Mr. Riddle no later than July 31. Each person may submit more than one entry.

All entries will be evaluated for clarity, originality, conciseness, and appeal. They should stimulate thinking and promote increased participation in the Suggestion Program, Riddle said.

During the contest, reminders will be displayed throughout the school area to keep the contest in high gear.

June 9, 1913 — School of Musketry, forerunner of present Infantry School, was established at Fort Sill, Okla.

Wrecker Service

In case of an accident ask for our new wrecker. Courteous operator, reasonable charges. Day Phone 539-6541, night 534-0776.

Hill Chevrolet Company

Task Force for an Army Missile Support Committee.

Others on the program for the three-day meeting were Mrs. Miles Hardenburgh, Administrative Officer for the Missile and Munitions School and Center's Office of the Secretary; Mrs. Hardenburgh discussed poise, grooming and apparel. Walter Wiesman, an Internal Communications Coordinator at the Marshall Space Flight Center, talked about communications;

and Louise Julich, secretary to the Deputy Commanding General for Land Combat Systems, led a workshop concerning a secretary's duties.

John Martin talked about the organization of the Missile Command and its relationship to other Federal Agencies, and Dr. B. E. Bess, Clinical Psychologist for the Occupational Health Division of the Missile Support Command, talked about human relations.

Seminar coordinator was Lucy Grace from the Training and Development Division, Civilian Personnel.

Movie Schedule

Theater No. 1
 WEDNESDAY, June 29
 "Agent for H.A.R.M." (M-YP)
 THURSDAY-FRIDAY, June 30-July 1
 "The Glass Bottom Boat" (F)
 INCREASED ADMISSION: adults 50c, children 25c.
 SATURDAY, July 2
 "Gulliver's Travels Beyond the Moon" (F)
 SUNDAY-MONDAY, July 3-4
 "The Chase" (M)
 TUESDAY, July 5
 "Dr. Who and the Daleks" (F)

Two shows nightly at 6:00 and 8:30 p.m. Saturday matinee at 1:00 p.m. Sunday matinee at 2:00 p.m.

Theater No. 2
 WEDNESDAY, June 29
 "Three on a Couch" (F)
 FRIDAY, July 1
 "King Rat" (M)
 SATURDAY, July 2
 "Agent for H.A.R.M." (M-YP)
 SUNDAY, July 3
 "The Glass Bottom Boat" (F)
 INCREASED ADMISSION: adults 50c, children 25c.
 TUESDAY, July 5
 "To Trap a Spy" (M)
 One showing only at 7:00 p.m.

The Redstone Federal Credit Union will receive U. S. Army civilian employee pay-checks provided the entire check is deposited to the member's account.



REDSTONE FEDERAL CREDIT UNION
A Cooperative Savings and Loan Corporation

REDSTONE ARSENAL, ALABAMA

This Photographic Evidence Proves That

STAUFFER SYSTEM

CAN HELP YOU

TO GET DOWN TO THE CORRECT SIZE AND WEIGHT FOR YOUR BONE STRUCTURE



BEFORE
 weight 165 lbs.

Mrs. Sara Coak of Mastin Lake Road says: "When I saw the Stauffer System advertising, I said to myself, 'If it really works like they say it does, it's worth a try,' so I picked up the phone and arranged a figure analysis and courtesy treatment that very day. But even so, I was very nervous and drove by the salon three times before I got up enough courage to go in. But I needn't have worried; the Stauffer people were so understanding that I immediately felt full of confidence. They acted like they knew they could help me. In a matter of three months, I lost 50 pounds plus all the inches I needed to proportion my figure. To be precise. If you compare my before-and-after pictures, you can see what a difference this has made to me. I'm a new woman. So, is it any wonder that I am more relaxed and that I have so much more self-confidence. Wouldn't you be if your appearance had improved 100 per cent? I didn't tell anyone I was going to Stauffer, but you can't keep Stauffer 'results' a secret, Friends, family, even acquaintances were quick to note the rapid change in my appearance, and they asked me what I was doing to bring it about. I told them I was going to Stauffer and that out of all things I had tried to help me regain my figure, the Stauffer System was the only one that worked!"



AFTER
 weight 115 lbs.

REDUCE QUICKLY & EASILY

—AT—

STAUFFER SYSTEM

Ann Anderson and Sarah Mitchell

Oakwood Shopping Center

¼ Mile West of Memorial Parkway at Oakwood Ave. and Pulaski Pike

Phone 536-9775



SPORTS

Documentation Nabs Lead As Communications Falls

For the third consecutive week a new leader is perched atop the Civilian Softball league standings with Documentation taking over from Communications a week after the latter unseated Finance and Accounting.

The new leaders made Communications their fourth victim in five starts with a 13-8 conquest last week. The win gave Documentation a slim half game lead as Data Processing joined the two deposed leaders in a three-way tie for second.

Finance and Accounting rolled over Nike-X, 27-5, the Processors outscored the Comptrollers, 18-11, Propulsion Lab bombed the Computation Center, 21-7, the S & M Lab hung on for a 10-9 win over Pershing, and the G & C Lab took the measure of Procurement and Production to the tune of 19-7.

Sid White made his debut with Documentation a winning effort as he let the hard hitting Communications outfit down with seven hits to boost his mates into the throne room.

He got all the offensive support he needed from Carl Honea and Randy Knight with three hits apiece. Honea connected for a homer and Knight drove six runs across the plate with his hits.

After losing with six homers a week ago the Accountants changed their tactics a little against Nike-X and sprayed hits all over the Recreation Area. All nine starters collected at least three hits in a 34-hit assault that included six more homers and eight doubles.

Elliott Agee continued his bombing attack with five straight safeties including his sixth and seventh circuit clouts. Julian Williams hit three over-the-fence belts and Russ Ward had another. Charley Harper hit safely on four of his five trips as Dave Bobo had an easy time subduing the Missilemen.

The S & M Lab broke into the win column for the first time by cutting short a last inning rally. Pershing had scored one run and had runners on second and third with one out but Ray Parker was equal to the occasion and forced the next two hitters to pop up for the upset win.

Ken Magnant got four straight hits for the Engineers and Lonnie Looger hit a homer. George Thurlow led Pershing with three for four and Dewey Kitchens collected another pair.

Don Parker unloaded a pair of home runs to lead the G & C Lab in a 25-hit assault that handed P & P their fourth straight setback. Jim Thacker did the pitching for the winners and received outstanding defensive support from Bob Alongi who sparkled in right field.

A 14-run outburst in the third inning was all the Propulsion Lab needed for their win over the Comp Center. Every member of the team hit safely at least once during the inning.

Don Elliston, Billy Wright, and Jim Burnett hit homers for the winners as L. B. Thorn picked up the win. Kermit Mitchell was the defensive standout in left field.

The Data Processors pushed nine counters across the plate in a final inning rally that turned defeat into victory against the Comptrollers. The big blows of

the inning were a home run by Les Gilbreath and triples by Roy Kirkpatrick and Ken Beam.

The Processors turned in three double plays in support of the pitching of Doug Peavy. Their infield of Sid Douglas, Bud Smith, Gary Mann and Bob Hall make the DPO nine the best defensive outfit in the league.

Their defensive antics left the Comptrollers with men on base in every inning. Hal Jacobs homered in the losing cause and Lloyd Thomas hit a triple.

Zero Defects Lead In Summer Bowling

The Zero Defects program has met with almost universal acceptance throughout the Army in recent years, but when the S & M Mixed bowling league was exposed to the Zero Defects last week the reception was something less than unanimous.

The reason for the disenchantment is plain to anyone who cares to look at the league standings, and find the Zero Defects perched at the head of the list.

The errorless four got there last week by taking three out of four from the Odd Balls. The latter dropped into a second place tie with the Bugs 'n Bunnies, a point off the leading pace.

D. B. Smith and George Bush shared the honors for the week as the leading male bowler. Each tossed a 207 game and ended the evening with 573. Harold Hill was not far behind with a 567.

Ginny Hight made it two weeks in a row as the most proficient bowler among the women with a 493. Doris McHugh had a 467 and Reba Webb had a 466.

Civilian Softball

STANDINGS

	W	L
Documentation	4	1
Communications	3	1
Fin & Acctg	3	1
Data Processing	3	1
Pershing P. O.	3	2
Compt & DP	2	2
Propulsion Lab	2	2
Comp Center	1	2
S & M Lab	1	2
G & C Lab	1	3
Nike-X P. O.	0	2
Proc & Prod	0	4

THIS WEEK'S GAMES THURSDAY

DPO vs. S&M Lab, and P&P vs. Nike X, 5:15; Pershing vs. Comp. Ctr and G&C Lab vs. Documentation, 6:30; C&DP vs. Communications and F&A vs. Prop Lab, 7:45.

Tuesday, July 5

G&C Lab vs. C&DP and Comp. Ctr vs. S&M Lab, 5:15; Nike-X vs. Documentation and DPO vs. Communications, 6:30; P&P vs. Prop Lab and Pershing vs. F&A, 7:45.

GOLFERS TIE

Winners among the Golf Group sponsored by the Redstone Arsenal Officers Wives Club last Wednesday were competing for the best score on the even holes.

Tied, first place were Grace Wachslar and Mary McIntosh. Kay Lanphear and Isabelle Hill were tied in second place.



THE FIRST AWARD—Major Donald F. Knapp, right, commanding officer, School Troop Command, presents the "Commander's" trophy to the 2nd Enlisted Training Company represented by Captain G. P. Chavez, company commander, during recent ceremonies. The trophy, to be awarded annually, goes to "the company exhibiting best overall performance in the STC Athletic and Recreation sports program." The ceremonies marked the first presentation of the trophy.

New Look Program Aims At Larger Participation

The Army Missile and Munitions Center and School Troop Command's "new look" sport's program for 1966-67 will feature "mass participation" according to the STC Athletics and Recreation officer, Capt. Lee W. Eberhardt.

Capt. Eberhardt made the announcement during formal ceremonies when the first annual "Commander's" trophy was presented to the 2nd Enlisted Training Company for the "Best Overall Performance" in the Student Troop Command Athletic and Recreation Sports Program. Maj. Donald F. Knapp, commanding officer, STC, made the trophy presentation.

The STC sports season for 1965-66 was concluded in March. It included volleyball, touch football, billiards, table tennis, tennis, swimming, horseshoes, and bowling. The winning company in each sport's event received three points. Two points and one point went to the second and third place company teams respectively.

Officers, permanent party, and student personnel were eligible to take part in the program.

In the drive to encourage more men to take an active role in sports (the "mass participation" concept), Capt. Eberhardt said "push ball" which can be played by 100 men at one time will be

added in the coming sports season. He also indicated that "flag" football will replace touch football this fall.

The STC sports program is designed to contain activities generally not included in the Post Special Services.

The 1966-67 season has already begun with competition in swimming and tennis.

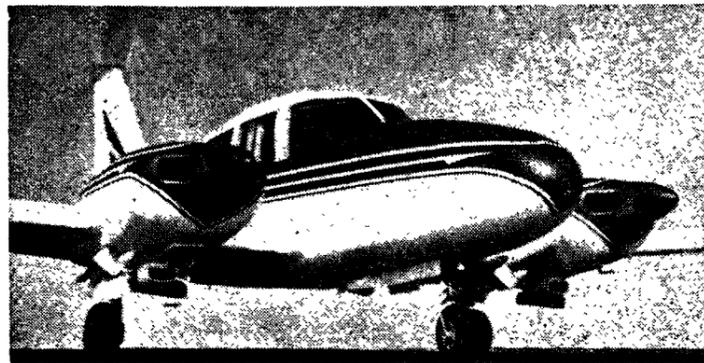
Medaris Tournament Dates Of Play Set

Members of the Redstone Officers Wives Golf Group must sign up by the close of business today to qualify in the Medaris Tournament.

Play will be July 6, 13, and 20, the next three Wednesdays.

The Ginna Medaris trophy will be awarded at lunch on July 22 to the tournament winner. The handicapped tournament was begun when Gen. Medaris retired.

HUNTSVILLE AVIATION



Announces

REGULARLY SCHEDULED EXECUTIVE FLIGHTS

BETWEEN

Huntsville and Montgomery

5 DAYS A WEEK

Effective Immediately

Huntsville

Arr. 8:00 a.m. - 6:00 p.m.
Dep. 8:30 a.m. - 6:30 p.m.

Montgomery

Arr. 9:30 a.m. - 7:30 p.m.
Dep. 7:00 a.m. - 5:00 p.m.

HUNTSVILLE AVIATION

Huntsville-Madison County Airport
PHONE 881-1711

Federal Entrance Coaching Class

Our Graduates Have Been Successful
NEW CLASSES NOW FORMING

North Alabama College of Commerce

NACC Building, 528 Madison St., Huntsville, Ala.
PHONE 536-2611 or 539-0429
Accredited by the Accrediting Commission for Business Schools,
Washington, D.C.

First Regional Television Meeting Held At School

A new nation-wide television network was organized this week at Redstone Arsenal. But you won't see its programs on your home set—that is, unless you see your nearest recruiting sergeant.

Representatives of eight U. S. Army schools across the nation concluded a two-day meeting June 17, hosted by the Television Division of the Army Missile and Munitions Center and School, a pioneer since 1958 in the use of video for military training.

A major objective of the meeting was to establish an economical Army video tape production system for 26 Continental Army schools. MMCS will script and produce programs for use at the Command and General Staff College and other schools in this area.

MMCS is one of seven such production centers in the CONARC Training system. Another goal is to set up an exchange system so that all 26 schools can use high-quality tapes made at the various production centers.

As planned, the network will allow smaller Army schools to receive the benefit of closed-circuit educational television programs now being produced at such training centers as the Missile and Munitions School where studios and complete television transmission and reception facilities already exist. Most of the seven production centers have mobile video tape vans that can go to other schools to prepare required programs.

Participants were: Lt. Col. A. W. Pendergrass and Lt. Col. E. M. Perry of the Command and General Staff College, Ft. Leavenworth, Kan.; Lt. Col. H. D. Walding and



GOING IN—Personnel of Missile & Munitions Center & School, Redstone Arsenal, line up for their annual gas chamber exercise. This is to keep them aware of how to use a gas mask, and how to clean it up if they are gassed before they have time to don the mask.



COMING OUT—One expression is worth a thousand words as these pictures show. After being exposed to gas with their masks on, the men unmasked and recited their name, grade and service number before leaving the gas chamber. Reaction seems to be a universal grimace.

Mr. Manthis Manchikes, U. S. Army Armor School, Ft. Knox, Ky.; Lt. Col. G. D. Sisson, Jr., Alfred M. Leonard, Mrs. Agnes Krumpach, and Archie L. Farmer of the U.S. Army Chemical Center and School, Ft. McClellan, Ala.; and G. G. Davis of the Army Training Center, Ft. Ord, Calif.

The distant representatives were greeted by Col. Z. F. Rael, acting commandant, and Dr. C. M. Hersh, Executive Assistant for Education. After which the conference was formally opened by Col. W. C. Rogers, Chief of School Logistical Support. The conference was moderated by Maj. Edward S. Raleigh, Chief of Television, MMCS.

ARPA Chooses Three Firms For Research

The U. S. Army has selected three industrial firms to conduct research for the Advanced Research Projects Agency.

The companies, Pomona Division of General Dynamics Corporation, Westinghouse Electric Corporation/Aerospace Division and Raytheon Company/Missile System Division will perform studies on Radar Homing Guidance Investigations.

Each contractor will perform under a \$200,000 six-month contract awarded by the U. S. Army Missile Command, Redstone Arsenal, Ala. Their studies will be concerned primarily with homing guidance and control technology

determination and approaches.

The contracts will support ARPA's Project DEFENDER program, a study of ballistic missile defense systems.

Work under this program is directed by the Intercept Technology Branch, ARPA Division, of the Missile Command's Research and Development Directorate. The Missile Command manages the program for ARPA, an agency of

the Department of Defense.

Negotiating the contract for the Army was Systems Contracts, Division A, of the Missile Command's Procurement and Production Directorate.

Buy a share in America. Buy U.S. Savings Bonds!

June 11, 1832—Eagle was adopted as insignia for rank of colonel.

Live a little better



with Vacation Cash from **MUTUAL**

Boating... beaching... golfing... fishing... whatever you do, before you go, stop in and see us. We can help you get the cash you need for travel, clothes, luggage, car repair. Or maybe you'd rather relax at home, use the extra cash to pay left-over bills. Main thing is for you to live a little better this summer. See us about your vacation loan today.

MUTUAL

FINANCE

(Loans up to \$300)*

*Under State Supervision

INDUSTRIAL FINANCE

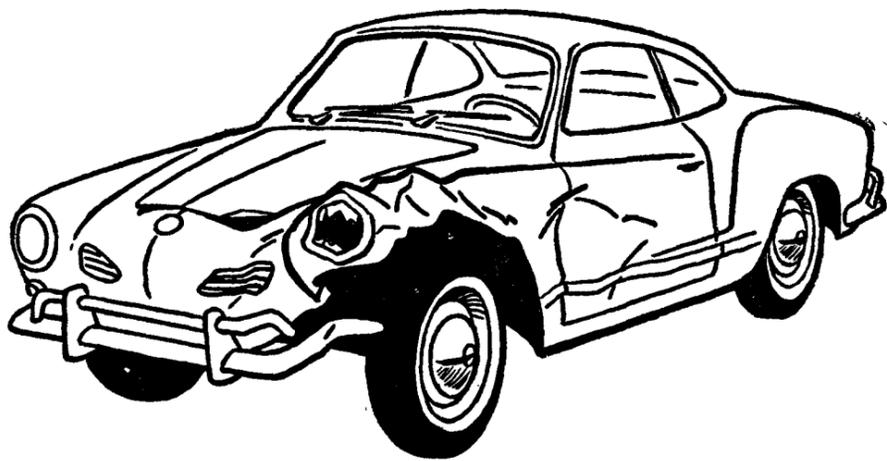
(Loans \$301 and up)

106 South Side Square Phone: 536-8591

109 Holmes Ave., N.E. Phone: 534-0611

IN DECATUR

121 East Moulton St. Phone: EL 3-4413



When you can fix this Volkswagen, you can fix any body.

When you can rebuild the crumpled fender of a Volkswagen Karmann Ghia (built by hand in the first place by the Karmann custom coachmakers), you can hand-shape, hand-weld and hand-sand any body that comes down the street.

Since we can, we will: our VW Body and Paint Shop is open to everybody. For collision work. For touch-ups or total

paint jobs.

If you're a VW owner, you know what to expect: service as good as the car. Craftsmanlike. And businesslike.

If you're an owner of any other car, come in anyway where you see our sign "Authorized VW Body Shop."

Sometimes we think it ought to say "We do invisible mending."

UNIVERSAL MOTORS, Inc

"Huntsville's Only Authorized VW Dealer"

2305 NO. PARKWAY

PHONE 539-7454



FREE ESTIMATES

Post Library

NORMA E. SHORT
Librarian

NON-FICTION

Allen, Jerry — The Sea Years of Joseph Conrad.

Asimov, Isaac — An Easy Introduction to the Slide Rule.

Buckmaster, Henrietta — Paul, a Man Who Changed the World.

Carroll-Abbing, John Patrick — But For the Grace of God.

Davis, Sammy — Yes I Can.

Fagg, John Edwin—Cuba, Haiti, & the Dominican Republic.

Foundation of the Federal Bar Association — Equal Justice Under Law; the Supreme Court in American Life.

Gallico, Paul—The Golden People.

Haupt, Enid (Annenberg) — The Seventeen Guide to Your Widen- ing World.

Howe, Helen Huntington — The Gentle Americans, 1864-1960.

Lloyd, H. Alan — The Complete Book of Old Clocks.

Loria, Jeffrey H. — Collecting Original Art.

Moray, Ann — A Fair Stream of Silver.

Nugent, Elliott — Events Lead- ing Up to the Comedy.

Salisbury, Harrison Evans — Russia.

Salny, Roslyn W. — Hobby Col- lections A-Z.

Schneider, Isidor—The Enlight- enment.

Throne, Bliss K. — The Hump.

Walz, Jay — The Middle East.

FICTION

Benchley, Nathaniel — A Firm Word or Two.

Christie, Agatha — A Carib- bean Mystery.

Creasey, John — The Toff and the Kidnapped Child.

Crossen, Kendell Foster—Wanted: Dead Men.

Deighton, Len — The Billion Dollar Brain.

Donleavy, James Patrick — The Ginger Man.

Hill, Weldon — Rafe.

Hitchcock, Alfred Joseph — Al- fred Hitchcock Presents Stories not for the Nervous.

Hitchcock, Alfred Joseph — Al- fred Hitchcock's Monster Museum.

Lucas, Ruth — Who Dare to Live.

Luddecke, Werner Jorg—Thurs- day at Dawn.

Matthiessen, Peter — At Play in the Fields of the Lord.

Moore, John Cecil—The Waters Under the Earth.

Mydans, Shelley Smith — Thomas.

Mystery Writers of America — Masters of Mayhem.

Piper, David — Trail By Battle.

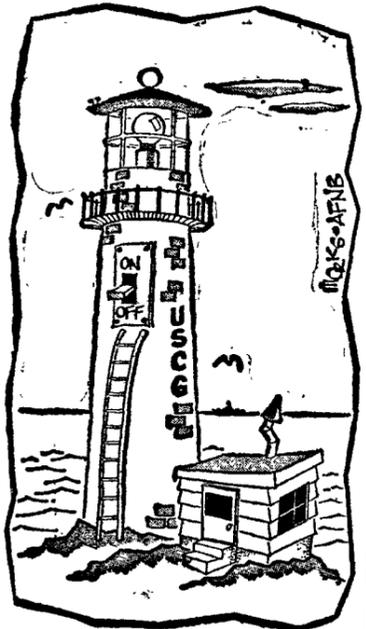
Santalo, Lois — The Wind Dies at Sunrise.

Seton, Anya — Avalon.

Stone, Irving — Those Who Love.

Young, Carter Travis — Long Boots, Hard Boots.

Savings Bonds purchased prior to December 1, 1965, when the current interest rate of 4.15 per cent became effective, will earn an additional 4/10 of 1 percent from now on, which brings their rate of yield into line with current bonds.



LONG AND DEDICATED SERVICE—Six MICOM civilian employees are pictured with General Zierdt at a recent ceremony in recognition of their having completed thirty years of service to the Federal Government. The Commanding General of the Army Missile Command presented each of the workers with length of service pins and letters of appreciation. In the above picture

are, left to right: Gen. Zierdt, Seth McCracken, Supply and Maintenance, Thomas Scales, Comptroller and Director of Programs, Mrs. Scales, Jacob Hendershott, Procurement and Production, Prince Danley, Lance Project Office, Elise Fusch, Finance and Accounting, and Cleves Howell, Research and Development.

Mathematicians Confer At Dartmouth College

Two Army Missile Command researchers are taking part this week in the 12th Conference of

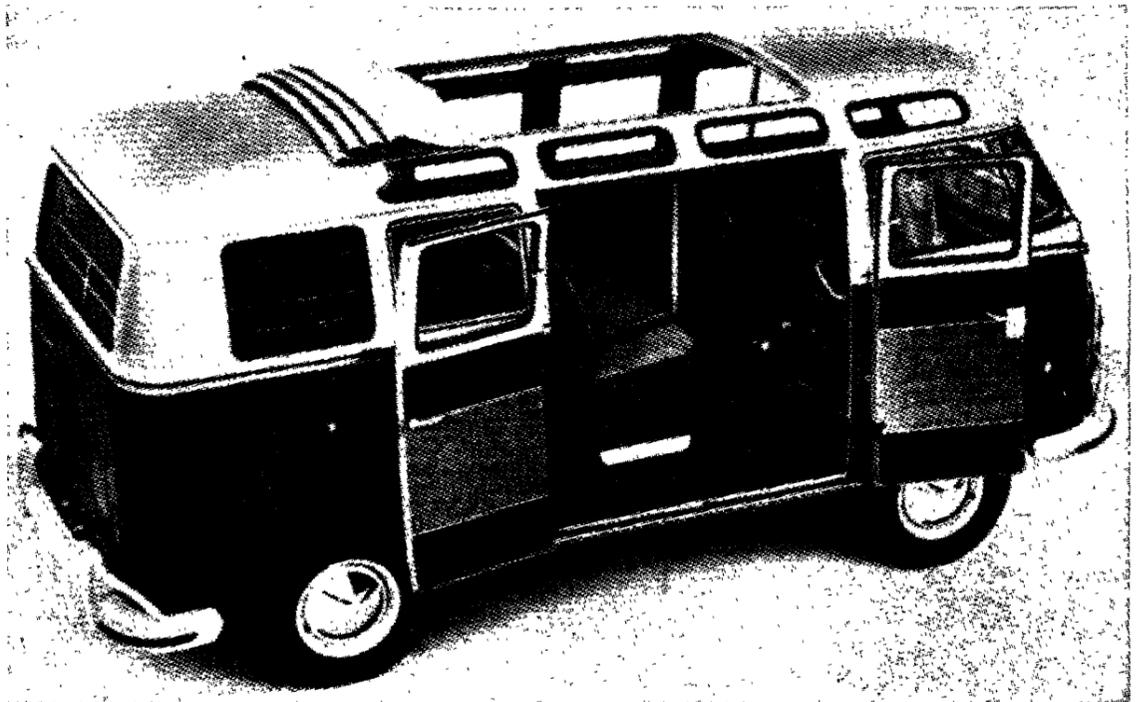
Army Mathematicians.

Romas A. Shtas, Solid State Research Physicist, and William Guthrie, Research Chemical Engineer, both in the Research and Development Directorate, will present papers relating to their areas of

work.

The meeting is being held June 22-23 at Dartmouth College, Han- over, N. H. Shates is in the Physical Sciences Laboratory and Guthrie is in the Propulsion Lab- oratory of the Missile Command.

The United States Armed Forces Institute (USAFI) has announced the availability of a revised course in Gregg shorthand. The course, titled Gregg Shorthand I (D 333), consists of 10 lessons.



Come in and go for a test walk.

That's a Volkswagen Station Wagon, with an aisle like a real bus.

You can walk between the front two seats, past the middle seats, to the back seats.

Without stopping or opening doors.

And if you take trips with children, it makes a big difference. In fact, the longer the trip, the bigger the difference.

You'll be able to get to things you couldn't get to before.

Not only the kids, but anything else you might happen to have along.

Even to the 16 pieces of luggage behind the back seat.

Our high roof makes it all possible. (Ordinary, low-roof wagons couldn't even consider an aisle, never mind a flock of people and 16 suitcases.)

Of course, to get an aisle you have to give up something.

Instead of the usual 9 seats, you get 7.

Only Volkswagen offers this optional minus at extra cost.



UNIVERSAL MOTORS Inc.

"Huntsville's Only Franchised VW Dealer"

2305 NO. MEM. PARKWAY

PHONE 539-7454

Accountant Wins Acclaim Of Fellow Workers

Probably the most satisfying honor that can come to a person is to be recognized as a professional in his chosen career field.

Such an honor was bestowed upon James Keith Thompson recently when his fellow employees of the Army Missile Command Finance and Accounting Center selected him as their "Employee of the Month" for May.

Thompson, who is just complet-

ing his first year of Federal service, was cited for the monthly award after exhibiting true professional competence as an accountant despite a partially paralyzed left arm and a permanent brace to correct a spinal curvature.

For the Lucky Red Bay, Ala., native who never learned the meaning of the word "defeat," the honor climaxed a 15-year struggle to prepare himself for a lifetime career after suffering a crippling

attack of polio as an eight-year old third grader.

He spent several weeks in a hospital and many more at home adjusting to his handicap. But Thompson had already developed a keen desire to succeed in life and was not about to be deterred.

He was promoted with his classmates that year and was enroll-

ed in Florence State College. He made the dean's list four times in college and at graduation received third place for the accounting award.

He came to the Missile Command soon after graduation.

In making the presentation for May, Lt. Col. Milton Jones told Thompson, "Your performance since coming to Redstone has been exemplary in every phase and points to a long and rewarding career in the accounting field."



FROM YOUR FELLOW WORKERS—Lt. Col. Milton Jones, the MICOM Finance and Accounting Officer, presents a plaque and letter of commendation to James Keith Thompson in recognition of his having been named "Employee of the Month" for the Finance and Accounting Center. Thompson was selected for the honor by a panel of his fellow workers at the Center. The Missile Command accountant was featured recently by the Birmingham News in an article on the Alabama Vocational Rehabilitation Service.

Want to go places without going broke?

TWA covers all the bases.

TWA has a low-fare plan for bachelors, couples, large families, small families.

Save 50% with TWA's Half-Fare Military Discounts.

For the man who travels alone. Just wear your uniform and show your papers—when you travel and when you buy your ticket. You can fly Jet Coach anywhere in the U.S. for half price. Travel is on a stand-by basis.

Save 33 1/3% to 66 2/3% with TWA Family Style Fares.

Best for the family with children 12 to 22 years old. You pay full fare, but your wife pays only 2/3 and kids under 22 just 1/3. The more children you have the more you save. Make regular Jet Coach reservations.

Save 25% with TWA's 30-day Round Trip Jet Coach Excursion Fares.

Generally best for couples, or for families with children 2 to 12 years old. You save 25% on each ticket as long as you return within 30 days. Make regular Jet Coach reservations.

For full details on low fares, check with your Base Airline Ticket Office (JAMTO). Or call your nearest TWA office.



Headquarters Company for 150,000 servicemen a year

Household Finance helps all kinds of servicemen with all kinds of money needs: paying bills and instalment contracts, going on leave, covering everyday shopping needs—or big purchases—like a better car.

LOANS UP TO \$300 | LOANS UP TO \$2000
—with up to 24 mos. to repay —with up to 30 mos. to repay

Cash You Get	MONTHLY PAYMENT PLANS			
	6 payments	12 payments	18 payments	24 payments
\$ 50	\$ 9.23	\$ 5.02		
75	13.84	7.53	\$ 5.45	
100	18.46	10.05	7.27	\$ 5.90
200	36.92	20.09	14.54	11.81
300	55.09	29.87	21.54	17.42

Above payments include principal and interest. Life insurance is available at group rates on loans above \$100. Loans up to \$300 under state supervision.

Cash You Get	MONTHLY PAYMENT PLANS		
	12 payments	24 payments	30 payments
\$500	\$46.81	\$24.73	
700	64.92	34.30	
1000	92.30	48.76	\$40.05
1500	137.80	72.80	59.80
2000	181.96	96.13	78.96

Payments above include principal and loan charges if repaid according to schedule, but do not include life and disability insurance, available at group rates.

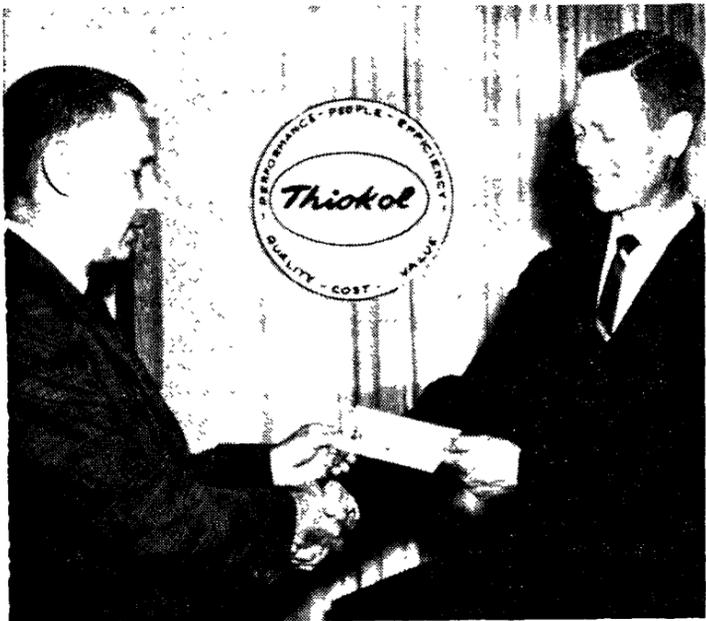
HFC HOUSEHOLD FINANCE
—Corporation of Huntsville—

HFC HOUSEHOLD FINANCE
—Company of Alabama—

706 Heart of Huntsville Shopping Ctr.

PHONE: 539-4496

Ask about our evening hours



OLLIFF WINNER—M. T. Olliff (r) receives a \$50 savings bond from John H. Goodloe, General Manager, Thiokol Chemical Corp. Huntsville Division. Olliff's entry in the Thiokol corporate contest to select a symbol for its Value Management program won second place from among more than 300 entries submitted from Thiokol's various divisions. Olliff's winning entry is shown in the background. First place winner was G. R. Harvey of Thiokol's Wasatch Division.

June 12, 1948 — The Women's Army Corps, U. S. Army, was established.

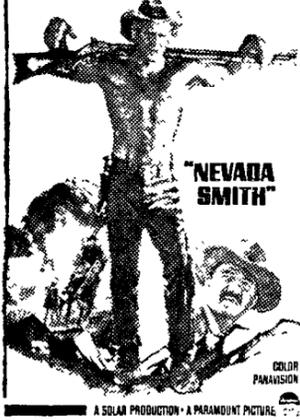
MARTIN THEATRE

Downtown

Now Showing

Now a name... soon a legend.

JOSEPH E. LEVINE
STEVE McQUEEN
KARL MALDEN - BRIAN KEITH
ARTHUR KENNEDY
SUZANNE PLESSETTE



LYRIC THEATRE

"Huntsville's Finest"

Now Showing



"Huntsville's New Luxury Theatre"

MARTIN'S
ALABAMA ON THE MALL
 Dial 536-5911

— NOW SHOWING —

DIRECT FROM ITS RESERVED SEAT ENGAGEMENTS!

FIRST TIME AT POPULAR PRICES!

Warner Bros.
 super
 action
 show
 of shows!



BATTLE OF THE BULGE

STARRING **HENRY FONDA - ROBERT SHAW - ROBERT RYAN - DANA ANDREWS - PIER ANGELI**
BARBARA WERLE - GEORGE MONTGOMERY - TY HARDIN - CHARLES BRONSON - HANS CHRISTIAN
BLECH - WERNER PETERS - JAMES MacARTHUR and TELLY SAVALAS Directed by **KEN ANNAKIN**
 Produced by **MILTON SPERLING, PHILIP YORDAN** - Written by **PHILIP YORDAN, MILTON SPERLING, JOHN WELSON**
 A **SIDNEY HARMON** in Association with **UNITED STATES PICTURES, INC.** Production **ULTRA-PANAVISION® TECHNICOLOR®**

COLE AUCTION COMPANY

911 Madison St. — Huntsville, Ala. — Pho. 539-4328
 LICENSED BONDED INSURED

Cole Sells Select Value-Packed Real Estate. You set the price.

AUCTION

Alabama's Foremost Auctioneers
 Who Go Anywhere . . . Sell Anything!

SATURDAY, JULY 9th — 10:30 A.M.
EL ROSE MOTEL
 HUNTSVILLE, ALABAMA



15 FULLY FURNISHED UNITS

PLUS A HOUSE AND DUPLEX LOCATED BEHIND THE MOTEL AND IT IS RENTED AT THE PRESENT TIME!

This is the property of Mr. and Mrs. Roy Jacks and is ideally located at 910 Meridian St. in Downtown Huntsville within walking distance of new courthouse and HIC Building. All rooms have TV, fully carpeted and air conditioned and plenty of off-street parking. This money making business is situated on a lot with 143 ft. facing Meridian Street and is approximately 480 ft. deep. There is also an additional lot adjoining this property with ample space for a downtown hotel, High-Rise office building or most any type business. The motel has 90% occupancy at the present. This property may be purchased for cash or 25% down and the balance may be financed up to 15 years at 6% interest. Free \$200 to some lucky adult attending this sale. Nothing to buy to win.

In Person—Moody Knight and the Knight Hawks

Will feature country and western music before, during and after these 2 big sales!

SATURDAY, JULY 9th—12 NOON
 HUNTSVILLE, ALABAMA

52x150 ft. commercial lot located at 202 Oakwood Avenue adjoining the Mohawk Tire Company. To be sold to the highest bidder . . . you set the price! Free \$50 to some lucky adult attending this sale. Nothing to buy to win. Terms: Cash or 20% down. Balance financed up to 3 years at 6% interest.

SATURDAY, JULY 9TH—12:30 P.M.
 HUNTSVILLE, ALABAMA

800 ft. commercial property located on corner Oakwood Avenue, West and Ardmore Highway. This property adjoins the Steak Barn (Formerly Huntsville Aquatic Club). This property will be sold to the highest bidder . . . you set the price. Terms: Cash or 20% down. Balance financed up to 3 years at 6% interest. Free \$100 to some lucky adult attending this sale. Nothing to buy to win.

SATURDAY, JULY 16TH—10:30 A.M.
 60 ACRES
 HUNTSVILLE, ALABAMA

The Property of Mr. Elmon H. Brown, Sr. Located in the city limits of Huntsville, Ala., on Carters Gin Rd. This is the most beautiful undeveloped residential property in the city of Huntsville. This property will be offered in 6 ten-acre tracts, then also offered as a whole to the highest bidder and you set the price! This property has approximately ½ mile paved road frontage. May be purchased for cash or 25% down and the balance financed over a period of 3 years. Free \$100 to some lucky adult attending this sale. Nothing to buy to win.

SATURDAY, JULY 23RD—10:30 A.M.
 60 ONE-ACRE LOTS

Located in Killingsworth Cove approximately 10 miles northeast of Huntsville, Ala. on paved road and approximately 3 miles from Mountain Lake resort. Watch our advertisements for further information or call us anytime! Free \$200 to some lucky adult attending this sale and free barbecue for everyone attending.

CALL OR WRITE FOR FREE BROCHURES
 "Alabama's Largest Auction Company"

List Your Property With Us

COLE AUCTION CO.
 911 Madison St. Huntsville, Ala. Phone 539-4328
 LICENSED BONDED INSURED



EXPLOSIVE MEETING—Members of the 1966 Explosive Ordnance Demolition Coordination Group gather at the conference table during their three day meeting at the Army Missile & Munitions Center & School. Conferees are (left to right): Lt. Col. Paul Towry, Maj. Lewis A. Wezel, Lt. Col. Oscar Stegal, Maj. Robert W. McRae, Lt. Col. Richard R. Barb (MMCS Hosting Officer), James E. Johnson, Lt. Col. Frank M. Phillips (Conference Chairman), Joseph J. Slusarski, James W. Rice, Maj. Arthur W. Brochu, Maj. Robert E. Caldwell, Jim Murray and Maj. Robert J. Earl.

Col. Cooke Tells Grads Best Soldier 'Can Do'

The best soldiers are those who can successfully accomplish something they were never trained to do.

This advice was given to 126 graduates of the Army Missile & Munitions Center Friday by Col. Thomas W. Cooke, commander of the Army Missile Support Command at Redstone Arsenal who is soon to retire after 30 years of active duty.

Pvt. Ralph D. Ricks, 26, of Loves Park, Ill., and a former student at the University of Illinois, received the Army's highest academic award for an average of 96.6 in Nike missile launcher control repair. He received a special plaque from Dr. Frederick S. Shultz, president of the Tennessee Valley chapter of the Association of the U. S. Army. The ceremony was held before a capacity crowd in the Redstone Arsenal Theater.

Col. Cooke himself was honored for his seven years of logistical support of the Center & School by Col. Zacarias F. Rael, acting commandant. A coat-of-arms of the institution was presented to him at the conclusion of the ceremony.

Col. Cooke pointed out that 28,500 of the Center & School's 41,000 graduates had been trained while he was charged with responsibility for supplying them with most of their necessities, ranging from missile equipment to beds and paychecks.

In line with his opening remarks, Col. Cooke cited his own experiences during the China-India-Burma campaign when he was assigned the task of setting up a supply system fed by several railroads. He arrived to find that nothing had been unloaded properly or sorted out in several months—and his supply forces were diverted to Italy while an instrument repair group also destined for Italy, reported to him in China.

The supply system was straightened out, he said, because men not trained for this kind of work buckled down to do it.

He urged the graduates to keep abreast of the latest developments in the missile and munitions field—but also warned them to be prepared to solve problems they never anticipated or were trained for.

Cited as honor graduates in their respective courses were: Pvt. Peter D. Quick, Ammunition Storage; Pvt. Jonny A. J. Brumnaugh, Ammunition Records; Pvt. Michael K. Brittain, Ammunition Records; Pvt. Robert Parrish, Ammu-

munition Records; and PFC Walter C. Daniel, Nike Missile Repair.

June 15, 1775 — George Washington was appointed General of the American Armies by Congress.

Dale Carnegie Course
Huntsville Classes Now Forming—Call 536-9501
Presented By Leadership Training Services

ARPA Awards RCA Contract

A U. S. Army letter contract to Radio Corporation of America, Burlington, Mass., has been finalized for a total of \$1,055,000 to conduct research for the Advanced Research Projects Agency.

The contract will support ARPA's Project Agile, a study of techniques in limited warfare, the

Army said. Work on the program will be directed by the Reentry Physics Branch, ARPA Division, of the Research and Development Directorate at the Army Missile Command.

The Missile Command manages the program for ARPA, an agency of the Department of Defense.

Negotiating the contract for the Army was Systems Contracts, Division A, of the Missile Command's Procurement and Production Directorate.

BE A SUCCESSFUL SECRETARY

ENROLL FOR OUR SPACE AND ENGINEERING SHORTHAND COURSE

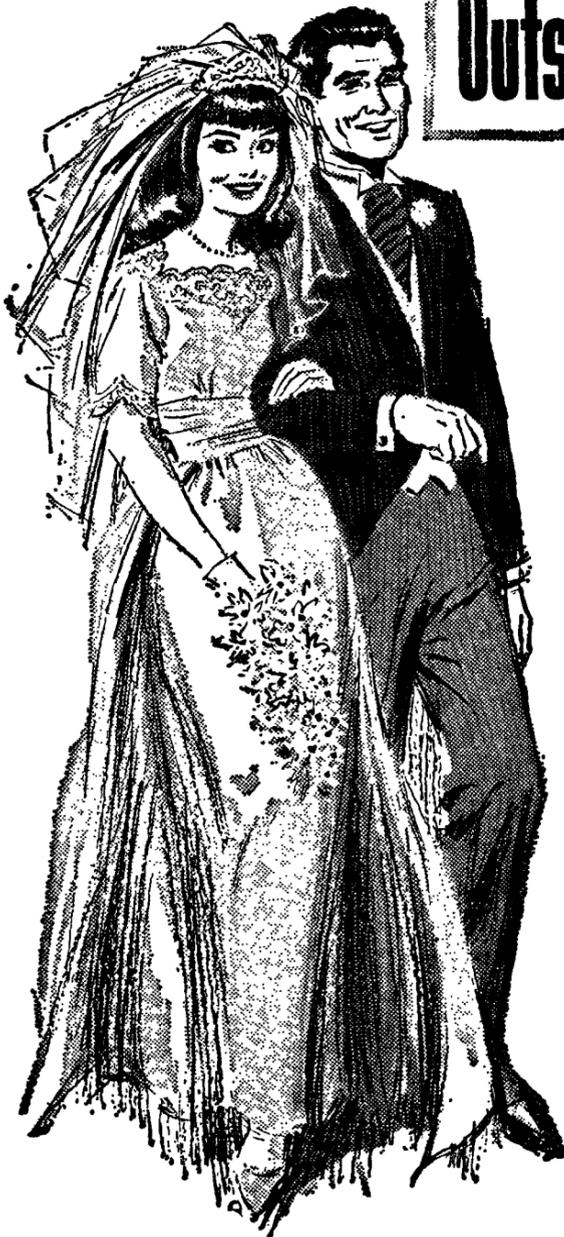
Also Beginning and Refresher Courses in Shorthand and Typing

Night Classes Day Classes

NEW CLASSES NOW FORMING

North Alabama College of Commerce

NACC Building, 528 Madison St., Huntsville, Ala.
Accredited by the Accrediting Commission for Business Schools, Washington, D.C.



Outstanding June VALUES

...for Brides...for every Homemaker

At HALE BROS . . .

A SPECIAL GIFT
FOR NEWLY WEDS
MAKING FURNITURE PURCHASES
AT HALE BROS. DURING THE
MONTH OF JUNE!

Best Name Brands . . .

Very wide selection

- Early American ● French Provincial
- Italian Provincial ● Mediterranean
- Spanish ● Contemporary Modern
- Rattan and Danish

Our Experienced Salesmen Have Been With Us For Many Years . . . And Are Well Qualified to Serve You.

HALE BROS. Furniture Co.

"Over 30,000 Square Feet of Furniture on Display"

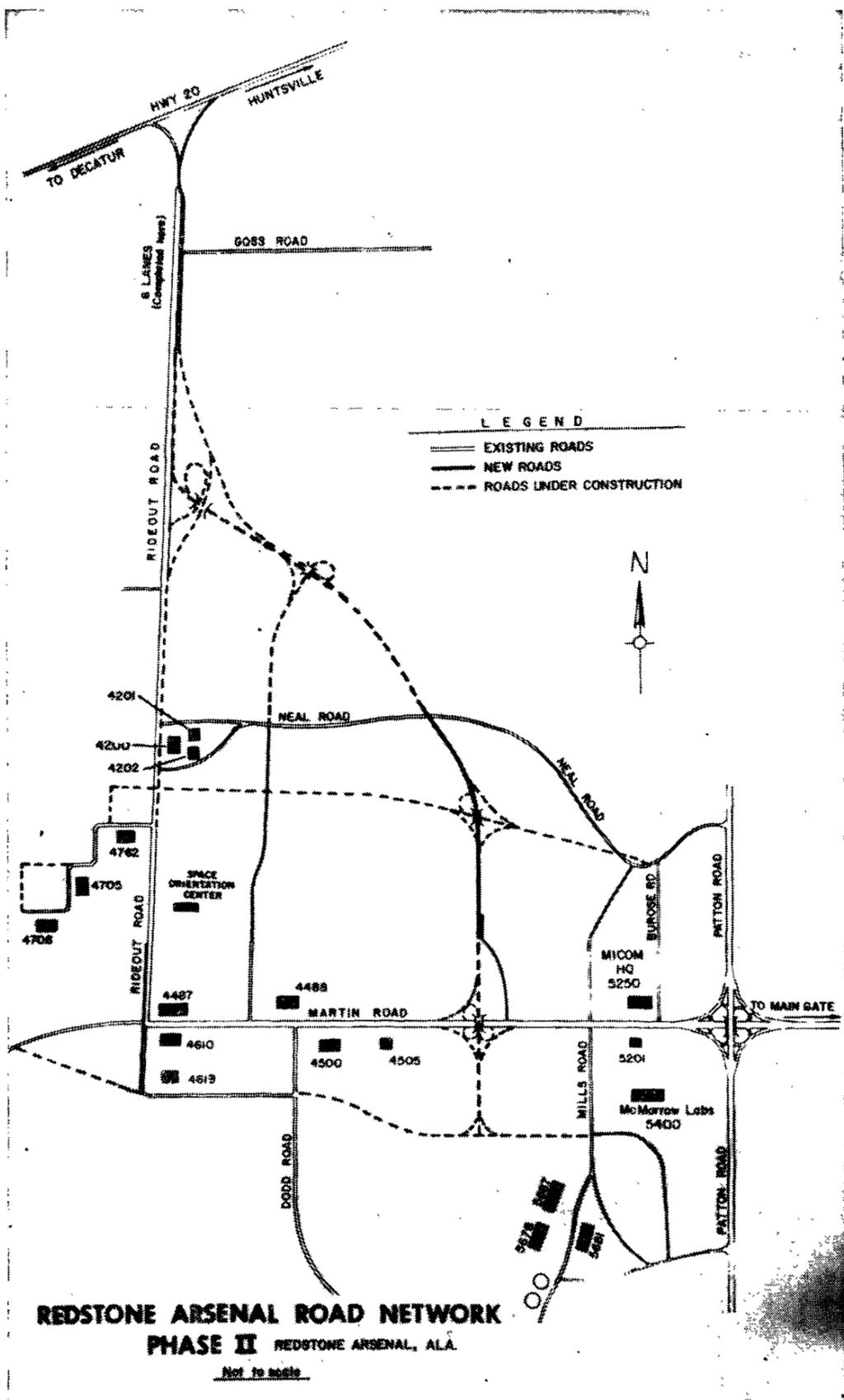
CHARGE ACCOUNTS INVITED

106 Jefferson Street — Downtown Huntsville
Phone 536-8508 or 536-8509

● You Can Pay Your Telephone Bills Here ●

CONVENIENT TERMS ARRANGED

SHARP'S BARBER SHOP
Holiday Plaza Shopping Center
Corner Jordan Lane and Bob Wallace
VACUUM CLIPPERS For Your Convenience
4 BARBERS TO SERVE YOU
● McDuffie ● Yell
● McDougal ● Sharp
Hours 9 a.m. to 7 p.m.



REDSTONE ARSENAL ROAD NETWORK PHASE II REDSTONE ARSENAL, ALA.
Not to scale.

NEW ROADS FOR ARSENAL—Some 15 miles of new roads and four new interchanges are under construction on Redstone Arsenal. The major portion of the multi-million dollar project should be completed by late Spring, according to Corps of Engineers officials. As shown, here, the roads will relieve congestion in the heavily traveled areas of the Arsenal around and north of Martin Road. A major feature of the road program is a new stretch of pavement connecting Martin Road and Rideout Road which will skirt the Marshall Space Flight Center.

Students Raise Bond Participation

The staff, faculty and students of the Army Missile & Munitions Center & School at Redstone Arsenal have raised their participation percentage in purchase of U. S. Savings Bonds to 92.84% from only 71.73% in May, Col. Erwin M. Graham, Jr., commandant, announced today.

A directive from the President that urged a person-to-person Savings Bond canvass resulted in the increase that placed the Missile & Munitions Center & School above the minimum goal of 90% military and civilian participation, Col. Graham said.

The Center & School now has

some 2,000 persons on its staff and faculty and an average monthly training load of 3,000 students from the Army, Marine Corps and 24 Allied nations.

For three years now the Center & School has been authorized to fly the Minute Man Bond flag by the Secretary of the Treasury for its U. S. Savings Bond efforts. Heretofore, percentages have been computed only on the basis of the permanent party of some 2,000 persons who had 90% participation. Under Presidential emphasis, the School's 7,000 students per year must now be included in the total, Col. Graham pointed out.

Col. Graham praised the response of the students to the intensified bond drive. He said that the constant turnover in students in courses that range from seven weeks to more than one year, with some graduating every Friday and classes conducted on two shifts per day has made it difficult to approach each student. However, he said, the School Troop Command has now detailed bond canvassers to each company and unit.

Drive Safely



CHANGE IN ASSIGNMENTS—Lt. Col. Terence F. S. Southgate tries out the British Liaison Officer's chair at the Army Missile Command as Lt. Col. W. E. J. Haywood discusses the job. Colonel Haywood, who held the position, has been assigned to Washington. Colonel Southgate comes to Redstone Arsenal from a similar assignment at White Sands Missile Range, N. M.

British Liaison Officers Move To New Assignments

Lt. Col. Terence F. S. Southgate has been assigned as British Liaison Officer to the U.S. Army Missile Command. He replaces Lt. Col. W. E. J. Haywood who will be the Liaison Officer to the Army Materiel Command, Washington.

Col. Southgate comes to Redstone Arsenal from a previous assignment at White Sands Missile Range.

Receiving his commission in the Royal Regiment of Artillery in December, 1939, Colonel Southgate's World War II assignments included the British Expeditionary

Force in France in 1940 and service with the Royal Air Force studying enemy air defences during which time he was awarded the Military Cross.

After the war he served in the Middle East, Hong Kong and Australia. He is a graduate of the first post-war Technical Staff Course at the Royal Military College of Science, and has spent most of his post-war assignments in development and testing of new weapons.

Col. and Mrs. Southgate are making their home at Huntsville.

IT COSTS **LESS**
to
Furnish Your Home
at

Sterchi's

North Alabama's Largest Furniture Store



DOWNTOWN HUNTSVILLE
Phone 534-5681

Also Sterchi Stores to Serve You at Scottsboro and Fayetteville

June is Dairy Month

TRY ALL OUR DELICIOUS DAIRY PRODUCTS IN JUNE. ALL FRESH...

FROM "MEADOW GOLD LAND"

For Home Delivery Service Phone 534-8464

MEADOW GOLD DAIRIES

601 CLINTON AVENUE WEST



Army Announces Target Contract

Flight services for the AQM-38A target missile will be funded under a \$1,391,000 contract to Northrop Ventura Division, Newbury Park, Calif., the Army Missile Command announced.

The contract will cover 12 months of effort.

The AQM-38A is used for annual service practice in training guided missile troops. The target missile is air launched from the F-89. Prior to firing missiles at the tar-

get, the troops practice tracking the aircraft.

The program is under the technical direction of the Missile Command's Supply and Maintenance Directorate.

The contract was executed by

• Americans have donated more than 38,000 units of whole blood at special Red Cross blood collections for the U. S. Forces in Vietnam. Over 30,000 of the units have come from students in colleges and universities, according to Red Cross records. The ARC is handling the special collections at the request of the Department of Defense. (ANF)

Systems Contract Division A of the Missile Command's Procurement and Production Directorate.

**LOCAL & LONG DISTANCE
MOVING • STORAGE**



"A Mayflower Move Is A
Good Move"

Call 534-2445
WHITE-MAYFLOWER

ATTENTION SERVICEMEN

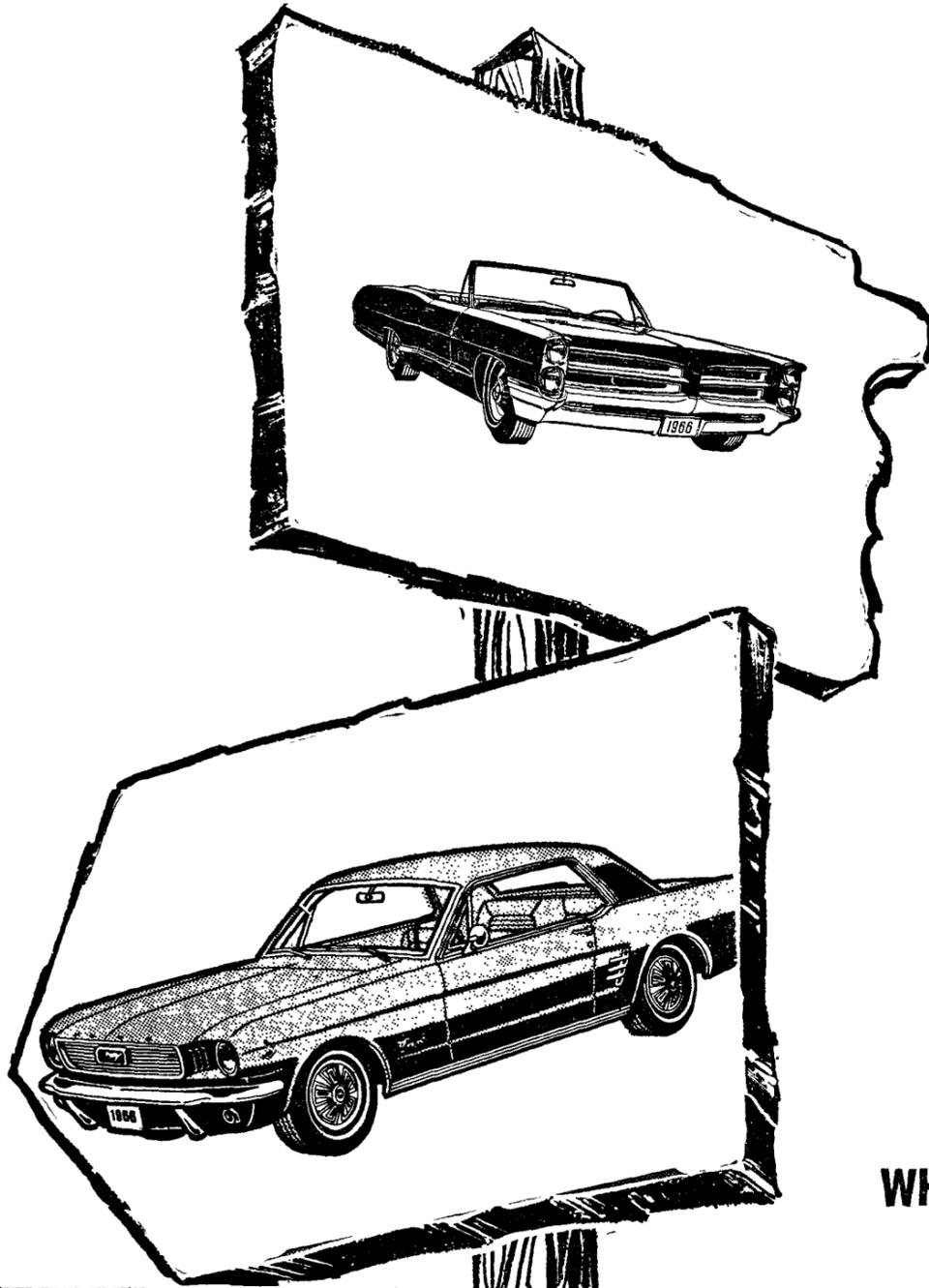
FREE estimates for claims purposes on any damaged electronic item, brought to our store. We will outfit your home with one item or any selection of RCA Victor TV, stereos, radios, tape recorders, or RCA Whirlpool washers, dryers, refrigerators, freezers, dishwashers, or air-conditioners. No down payment necessary, 90 days as cash, or financing up to three years with first payment not due for 45 days. All ranks welcome, no exceptions. If you don't have credit established, let us do it for you. Every item is guaranteed to be the best in price, quality, and serviceability. TV rentals also available. Regardless of what you need, come in and ask for Chuck Salvo (USA-Ret.), co-owner, and let me be of assistance.

**RCA
VICTOR
TV**

**BANNER TV AND APPLIANCE
COMPANY INC.**

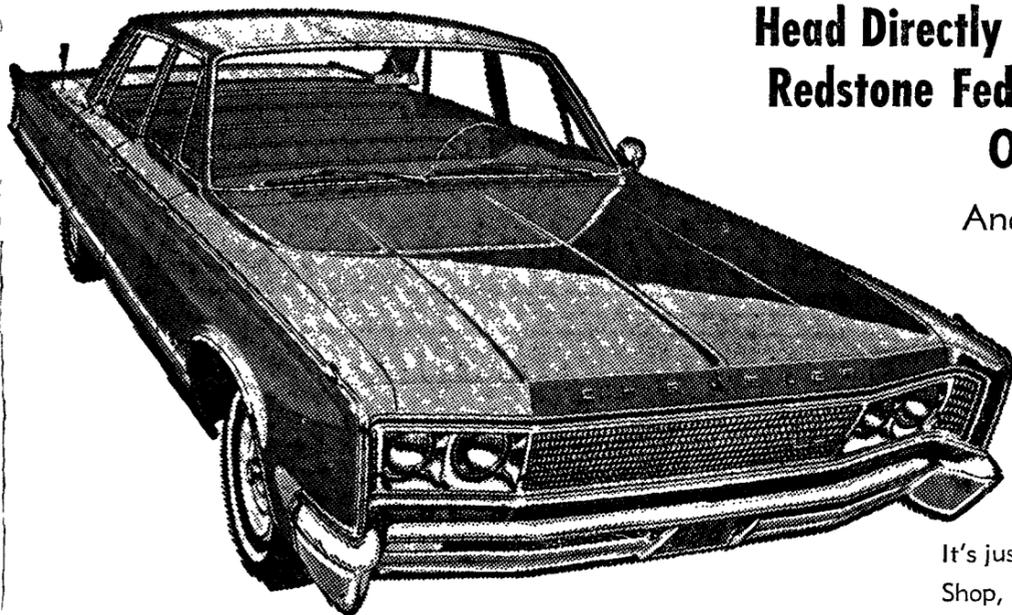
501 NW Memorial Parkway
"Directly Across From Miller's Discount"
PHONE 539-3411
SALES & SERVICE

**RCA
WHIRLPOOL
APPLIANCES**



TAKE THE RIGHT ROAD...

**WHEN YOU BUY YOUR
NEXT NEW CAR!**



**Head Directly to Your Nearest . . .
Redstone Federal Credit Union
Office . . .**

And you will be pleased with the low-cost interest rate, just 8/10% per month on the unpaid balance

Borrower's insurance is afforded eligible members at no additional cost.

It's just a great deal at your Credit Union! Shop, choose, and simply call us. We'll be pleased to serve you.



REDSTONE FEDERAL CREDIT UNION
A Cooperative Savings and Loan Corporation

REDSTONE ARSENAL, ALABAMA

FOUR OFFICES SERVING YOU

MAIN OFFICE	877-5940
BUILDING 4200	877-8678
PARKWAY CITY	539-5172
THE MALL	539-8865

READ THE WANT ADS! USE THE 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 217 Times Bldg., Huntsville. Deadline is Friday noon, before Wednesday publication.

Page 14 The Redstone Rocket — June 29, 1966

1. For Rent

FOR RENT, 3 bedroom, 2 bath brick house in SE Huntsville, phone Ray Warden, Guntersville, 532-5022 7-6c

PANAMA CITY, FLA Beach Cottage for rent, call Ray Warden, Route One Guntersville, Ala after 6:00 p.m. 582-5022. 7-6c

FOR RENT—TV's—1966 RCA portables, all channel, by day, week or month, phone 539-3411, 539-3412 BANNER TV and Appliance Co 501 Main Pkwy. N.W. (Directly across from Miller's Discount Ctr.) Open 8 a.m. to 9 p.m. tfc

2. Cars For Sale

1960 Olds Super "88" 4 door Hardtop, full power, air cond. \$695.00, call Salesman, Universal Motors, Inc., 539-7454. tfc

1962 Pontiac 2 door, radio heater, straight shift nice and clean Call Salesman Universal Motors, Inc., 539-7454, price \$975.00 tfc

1964 OPEL STATION Wagon one owner, clean, \$1095.00. Phone Salesman Universal Motors, 539-7454. tfc

1965 VW Sedan Sunroof, first owner, color white, low mileage, excellent condition. Phone 877-5671 after 8. p.m. tfc

MASSAGE-STEAM BATHS
STEAM ROOM—MASSAGE
EXPERIENCED MASSEUSE
& MESSURE
9 AM-2 AM DAILY
534-9501
Reduced Rates for Servicemen tfc

FURNITURE & APPLIANCES WANTED
We pay cash for good used furniture and appliances. See our large selection of new and used furniture. All at discount prices. Call us at 539-8113 or visit us at our big new store 2505 University Dr., W., 1 1/2 blocks west of Parkway.
ACE DISCOUNT BARN tfc

Professional Services
536-9686
614 Madison St. - Suite 6
RESUME AND FORM 57 TYPING
• Complete Secretarial Service
• Telephone Answering Service
The Loveliest Voices In Huntsville

MONEY
For HOME LOANS FARM LOANS
Ask for details on the low-cost long-term real estate loan plans now available.
• Also All Types of Insurance
GATES
Insurance Agency
303 Terry-Hutchens Bldg.
Office Phone—534-0371
Home Phone—534-6308

ARE YOU BUYING OR SELLING?
MORTGAGE LOANS
CONVENTIONAL LOANS — MAXIMUM FHA & VA MAXIMUM TERMS
W. B. Leedy and Company, Inc.
401 Lowell Dr. Suite
Huntsville Alabama
Phone 539-3404

3. Miscellaneous

BOAT FOR SALE—23' Cris-Craft express Cruiser 75 HP Evinrude motor, heavy duty trailer, sleeps 6. Head, Galley, fresh water system spot light, horns, compass, clock, speedometer automatic Bilge pump, BF radio, too many extras to mention completely refinished in 1966 new throughout, owner going over seas, may be seen at Mountain Lake Village U.S. 431, junction 79 East Price \$3,000. Call 582-2256 or 877-5742 tfc

ATTENTION: MISSISSIPPI TEST FACILITIES PERSONNEL TRANSFEREES! The Louisville Garden Apartments at 117 De Montluzin, Bay St. Louis, Mississippi, is now renting and leasing. This seventy-one unit, ultra modern apartment is located just eighteen miles from the Mississippi Test Facility Main Gate Shopping center and schools are walking distance. The area is picturesque in a Deep South residential atmosphere. Resident Manager on premises for showing. Phone Bay St. Louis, 467-6742 6-29#

NEW UHF CONVERTERS
\$8.97

Alabama's largest sales and service dealer for RCA TV & Stereo and RCA Whirlpool Appliances. Our prices are equal to or lower than so called "discount or wholesale" prices. Price, then compare. We accept trade-ins. Used TVs sold for \$20 and up. We service all makes and models. Picture tubes, 21 in. 90 degrees, \$21.00 exchange with 1 year guarantee. TV rentals by day, week or month. 1966 RCA models. Open 8 a.m. to 9 p.m. daily.

Banner T.V. & Appliance Co.
501 No. Memorial Parkway
"Directly Across from Miller's Discount Center" — Pho. 539-3411
RCA VICTOR RCA WHIRLPOOL tfc

3 ROOMS of beautiful new furniture, including sofa, chair, 3 tables, 2 lamps, 5 pc. dinette, dresser, chest and bed, only \$349.00. Also good used stove and refrigerator FREE with this group, financing available. Ace Discount Furniture, 2505 University Drive, 539-8113. tfc

WORLD'S LARGEST MOVER
Local and Long Distance Moving
FREE ESTIMATES Phone 539-1742
DECATUR TRANSFER & STORAGE, INC.
2117 Holmes Ave., NW
HERTZ RENTAL TRUCKS AVAILABLE
MOVE YOURSELF

Typewriters - Typewriters
Typewriters
SELL OR RENT
Hundreds of Typewriters
IBM — Royal — Remington
Underwood — Smith-Corona
—ALSO—
Adding Machines — Calculators
Cash Registers & Check Writers
—Lowest Prices Ever—
HOUSE OF TYPEWRITERS
13011 So. Memorial Parkway
PHONE 881-5510

WHEEL ALIGNMENT
\$4.88
(With This Ad)
Reg. \$6.50 Value)
Fast Service - Expert Wheel Mechanic
All Work Fully Guaranteed
U. S. TIRE SERVICE
Across From Butler High
DIAL 539-3482
Open 7 a.m. to 6 p.m.

BOAT FOR SALE—17' Fiberglass boat 75 HP Evinrude motor, all ski equipment included. Has past Coast Guard safety inspection, best offer, can be seen at 1708 Sebring St., Phone 534-0581. tfc

4. Mobile Homes

FOR SALE—1965 Parkwood Mobile Home, 2 bedrooms, tilt out living room, full carpet. Call 857-5731 after 8:00 p.m. 7-15c

5. Houses, Lots - Sale

BY OWNER—3 bedroom brick home on 2707 Holiday Drive. Priced \$1,200 below FHA appraisal. Call M Sgt Joseph W Warren, 876 1552 or Rogersville 247-5755 6-29c

FOR SALE—three choice lots on beautiful Willow Lake with city water, 4.5 mile from Guntersville Lake. Will finance. Phone 582-2258 or write Jerry W Cornelius, Circle Drive, Guntersville Ala. \$950.00 per lot, three for \$2,700.00. 6-29-p tfc

60 ACRE FARM FOR SALE—3 miles off Eva highway, near Mr. View Baptist Church. \$12,000. 31 miles from Huntsville. See A. L. Aldridge on farm. tfc

\$99
DOWN PAYMENT
This will Buy a Home of Your Own. Come to our big mobile home lot.
TEXAS
Mobile Homes
4707 GOV. DR., W.

Sandhurst PARK
\$12,900
3 bedroom, partial brick, includes carpet, large storage, GE oven, terrazo floors, tile window sills. These new homes being built in Huntsville's new low-cost community planned for 500 homes. Swimming pool, recreation grounds, and shopping center, adjoins Gate 2 at the Arsenal. tfc
881-8178
Or 881-3065 After 5 P.M.

Glen Park APARTMENTS
Furnished or Unfurnished
Lovely 2 bedroom, living room, kitchen and ceramic tile bath, including air conditioning and TV outlet. Convenient to schools, churches and shopping.
852-0131

GUNTERSVILLE LAKE
Signal Point area, 4 bedroom, 2 bath home. Large porch, aluminum boat house, 290 feet shore line. Priced to sell.
Buck Island area, 1 1/2 acre lot, large boat house, beautiful house. All for just \$16,000.
—SEE—
ED NEELY REAL ESTATE
Broad Street, Guntersville, Ala. 582-3914 or 582-3230

Now Leasing . . .
New
Luxury Apartments
ONE AND TWO BEDROOMS
ONE BEDROOM UNFURNISHED \$130.00
ONE BEDROOM FURNISHED \$155.00
TWO BEDROOM UNFURNISHED \$160.00
TWO BEDROOM FURNISHED \$190.00
Features . . . Westinghouse kitchens, one and two baths, walk-in closets, balcony and patios, two swimming pools, water furnished.
For Further Information:
MRS. LEE 536-8491
IMPERIAL GARDENS
Memorial Parkway N. at Oakwood Ave.

FOR SALE—Nothing down, 3 bedroom brick home central gas heating, utility room, carport, located on 100 x 150' lot in N.W. section. For further information call 539-4003. 6-25c

LAKEFRONT LOTS, Guntersville Lake, 1 acre wooded waterfront, Beech Creek and Brown Creek area, \$1500. and up, see Ty Dorman Guntersville 582-3654. tfc

TAKE UP PAYMENTS
on
1964 AND 1965
MOBILE HOMES
Just come by our big lot.
4707 Governors Dr. W.
Texas Mobile Homes, Inc.
837-2740 tfc

HAVE A MOBILE HOME?
"Move Where It's Cool"
3/4 ACRE WOODED LOTS
—With All Utilities—
No Money Down
\$32.00 MO.
OWN YOUR OWN LOT
Call—
BOB PRITCHETT
Days 539-7454
Evenings 883-1283

Camping Time Is Any Time at MADISON TRAVEL TRAILERS
North Alabama's largest & only exclusive Travel Trailer and Camper Dealer.
Franchise Dealer For
• NORRIS • SKAMPER
• Dreamer • LITTLE COLONEL & HOLIDAY RAMBLER
Sales — Service — Rentals
Madison Travel Trailers
Corner Jordan Lane & Governors Drive
PHONE 837-3882



A used Volkswagen makes a first-rate second car.

Once we've completely reconditioned it. Because then we guarantee 100% the repair or replacement of all major mechanical parts* for 30 days or 1000 miles. So it makes a first-rate first car, too.
*engine *transmission
*rear axle *front axle assemblies
*brake system *electrical system

1965 VW 113 Sedan.
\$1495.00

1964 VW 113 Sedan
\$1395.00

1963 VW 113 Sedan
\$1195.00

1962 VW 113 Sedan
\$1095.00

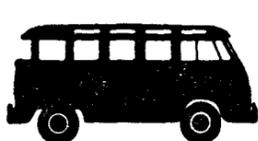
1961 VW SEDAN
New factory rebuilt engine, excellent condition.
\$995.00



A used VW Karmann Ghia. Practically beautiful.

1962 VW GHIA
Hardtop coupe.
\$1295.00

1961 VW GHIA
Hardtop coupe.
\$995.00



What's the use of a used Volkswagen Station Wagon?

1965 VW Station Wagon
15,000 miles
\$1995.00

1961 VW Station Wagon. Nice
\$995.00

1960 VW Station Wagon
\$795.00

1963 VW Camper

A real sharp one. Fully equipped, excellent condition.

\$1795.00

Universal Motors, Inc.

2305 No. Parkway
Phone 539-7454
OPEN 'TIL 8:00 P.M.
MONDAY-FRIDAY

Browning Receives Acclaim For Weapon Idea

Hunting deer in the swamps and piney woods of South Mississippi—hearing a Medal of Honor winner tell of fighting the Viet Cong—and having the Army's missile and rocket center as a setting for creative thinking.

These experiences in the background of 19-year-old Arthur Charles Browning are milestones that led the youth to an idea for a new type of automatic weapon which has won him acclaim.

Browning is a sophomore Co-Operative Student at Mississippi State University. When he's not in classes on the Starkville campus, he's at the U. S. Army Missile Command at Redstone Arsenal, where he works a few months each year in the Ground Support Equipment Laboratory of the Research and Development. He's at Redstone this summer.

Last December when the call went out at the Missile Command for suggestions of ways to help the American fighting men in Vietnam, he was one of the more than 100 employees who answered with 185 suggestions. Some of the Army's top scientific minds were in competition with Browning.

The young Mississippian won second place with his idea—an idea for modifying an automatic shotgun so that it could be fed by a continuous belt of ammunition.

In September 1965 while a kick-off rally for the Army's Zero Defects program at Redstone, he saw Capt. Roger Donlon, the first Medal of Honor winner since the Korean War. The Vietnam War hero spoke of how he and the eleven other men in his Special Forces team were swooped down on by a Viet Cong battalion. That's when the Browning got to thinking about a real effective weapon for soldiers fighting in similar close-in situations. Having hunted deer and other game in the deep woods around his Hattisburg, Miss., home with a shotgun, he knew the destruction power of that weapon at close range. The problem would be reloading, but if you could feed the shotgun with a continuous supply of cartridges.

Three months later he had the concept worked out in his mind and on paper, and submitted it as a suggestion to better defense capabilities of the American soldier in Vietnam.

The rapid-firing stotgun would operate much like the .50 caliber machinegun, which was developed by a famed U. S. arms inventor also named Browning — John Moses Browning.

Young Browning, a native of Kansas City, Mo., lived in the small Mississippi Community of Maxie until he was six, when he moved 25 miles north to Hattisburg.

At Mississippi State, Browning is enrolled in the Air Force ROTC program and is a member of the Tau Kappa Epsilon social fraternity. He's also quite an outdoorsman. Besides being an avid hunter and fisherman, he likes to swim and hike.

While at Hattisburg High School, he and eleven other Air Explorers started a 50-mile hike to Biloxi, at the 30-mile mark, Browning says he was the only hiker left, but he went on to finish the hike. Once, he made a 200-mile canoe trip down Black Creek and Pascagoula River in Mississippi.

Browning designed, built and flew model airplanes for about two years while in high school, and this was where the seed was planted that grew into his college major: aerospace engineering. As to why he designed his own planes, he says: They always flew better than the models you could buy."



RECOGNITION BEFORE RETIREMENT—Jack P. Hogue, now a retired program specialist in the Publication Division of the Supply and Maintenance Directorate, not only was awarded a certificate of achievement, an outstanding performance rating and a sustained superior performance rating during his seven years on the job, he gained the kind of favor with his fellow workers that earned him a party at the NCO Open Mess when he retired. Presenting the Certificate of Achievement is Harold C. Strang, Chief

of Publications in the S and M Directorate. One of the reasons was that he won fame as a wheel chair bowler. Another was his disregard for the injuries he sustained in a motorcycle accident which placed him in the Veterans Hospital at Memphis for more than a year and left him a paraplegic. Hogue managed his job, including the temporary duty away from the base, with open willingness and humor. His home is in Huntsville where he lives on Jordan Lana with a sister and his mother.

Four Officer Chemists Hold PhD's

Four young Army officers at the U. S. Army Missile Command have more than one thing in common. Each is a First Lieutenant and—has a Doctor of Philosophy degree in chemistry.

Lts. Victor P. Frattali, Thomas H. Fisher, Charles U. Pittman, Jr., and Paul Thurston work in the Propulsion Laboratory of the Research and Development Directorate.

Lt. Frattali, a native of Scranton, Penn., received his Bachelor of Science degree with honors from the University of Scranton in 1959. Five years later, he was awarded his PhD by Georgetown University in Washington, D. C.

Before being assigned to Redstone Arsenal in 1964, he was at Ft. McClellan, Ala., taking the Chemical Officer Basic Course. He is married to the former Sandra DeLuca; they have a son and daughter.

After attending public schools in his hometown of Fulton, Mo., Lieutenant Fisher enrolled at Westminster College, where he graduated in 1960 with a Bachelor of Arts degree. He received his Master's and PhD degree from the University of Illinois in 1962 and 1964, respectively.

Lt. Fisher spends a lot of his spare time playing golf and collecting coins, his favorite hobby. He and his wife, the former Fay Helming of Fulton, Mo., have two daughters.

Lt. Pittman is a native of Rahway, N. J. He graduated from Lafayette College with a Bachelor of Science degree in chemical engineering in 1961. Three years later, he received his PhD in physical organic chemistry from Pennsylvania State University.

He is author or co-author of 20 publications and three chapters in advanced chemistry textbooks, and is a member of the American Chemical Society and American

Institute of Chemical Engineers.

In college, Lt. Pittman participated in varsity track for three years. His athletic interests now are in basketball, football and fast pitch softball, as well as stamps and minerals.

He is married to the former Kathleen Wolf of Weston, Mass.

The only single member of the team is Lt. Thurston, whose home is in Williamsport, Pa. Like Lt.

Pittman, he received his Bachelor of Science degree in Chemistry from Lafayette College. His PhD came four years later, in 1964, from Cornell University.

Lt. Thurston is a member of the American Chemical Society, Society for Religion in Higher Education and American Association of University Professors.

The Redstone Rocket — June 29, 1966 Page 15

**NO MONEY SHORTAGE
AND NO INCREASE IN RATES AT
Arthur Cole Mortgage Company
WE HAVE AVAILABLE NOW
\$5,000,000**

We Make Loans On All Types of Real Estate Including Farmland Property, Improved or Unimproved Residential or Commercial Property!

We want to invest this money within the next 60 days in first and second real estate loans in the following counties: — Madison, Marshall, Morgan, Limestone and Jackson. You can borrow up to 85% of your property value and up to 7½ years to repay.

**—OFFICE HOURS—
Monday-Friday
9 A.M.-5 P.M.
Saturdays
9 A.M.-12 Noon
or by appointment
anytime!**

No Waiting . . . 3-Day Service

ARTHUR COLE

MORTGAGE COMPANY

Arthur Cole, President. O. W. (Buddy) Cole, Executive Vice President. Preston Sweeney, Vice President. Mary Sides, Secretary-Treasurer
911 MADISON STREET—PHONE 539-0626 HUNTSVILLE, ALA.

ENJOY "OK" USED CAR SAVINGS
B-U-Y W-I-I-H
WARRANTED CONFIDENCE
HILL CHEVROLET CO.



NO DISABLING INJURY—J. F. Harbarger, Manager Safety Department of Thiokol's Huntsville Division, holds Certificate of Merit from the Department of Industrial Relations, State of Alabama, awarded at the celebration of Thiokol's achievement of 7,000,000 manhours without a disabling injury. Looking at banner are (l to r) J. L. Moore, Superintendent Engineering and Loss Control, Aetna Insurance Co.; Col. B. A. Saholsky, Director, Procurement and Production Directorate, Army Missile Command; Col. Thomas W. Cooke, Commander, Army Missile Support Command; and John H. Goodloe, General Manager, Thiokol's Huntsville Division. The last disabling injury occurred Feb. 7, 1963.

GERMAN RADIO Sales And Service



105 N. Washington
(Downtown)

Telephone
536-9461

Guaranteed
Repair on
German Radios,
TV's & Tape
Recorders

Serviced By
German
Technicians

GERMAN RECORDS
NOW AVAILABLE



**ONE FULL YEAR
GUARANTEE ON NEW
AND USED SETS**

PERSHING

Continued From Page 1)

targets from one hundred to four hundred nautical miles away.

It is in operation with troops in Europe, as well as the United States. The system is managed by the Army Missile Command. Carl A. Pinyerd is acting project manager.

• Exhibits of war art are available for loan to public and private organizations which agree to display the collections publicly. Interested groups can get specifics from the Chief of Military History, Department of the Army, Washington, D. C. 20315. (ANF)



Now 3 Barbers to Serve You

Governors Drive Barber Shop

OPEN 8 TO 8 — 6 DAYS
Regular Haircuts — \$1.50
Children's Haircuts - \$1.25
2901 GOVERNORS DRIVE
2 Blocks East of Butler High
Your Business Appreciated

HILL CHEVROLET'S 42nd ANNIVERSARY CELEBRATION

NOW IN FULL SWING . . . WE WILL SELL 42 NEW '66 CHEVROLETS PER WEEK FOR THE NEXT FOUR WEEKS. THIS IS OUR 42nd ANNIVERSARY GOAL AND WE WILL DO IT!

FREE BONUS

Hill Chevrolet will give a complete set of "His or Her" Luggage to every buyer of a 1966 Chevrolet absolutely FREE as long as they last—Supply Limited . . . PLUS

***The Largest New Car Discounts In Our 42 Year History!**

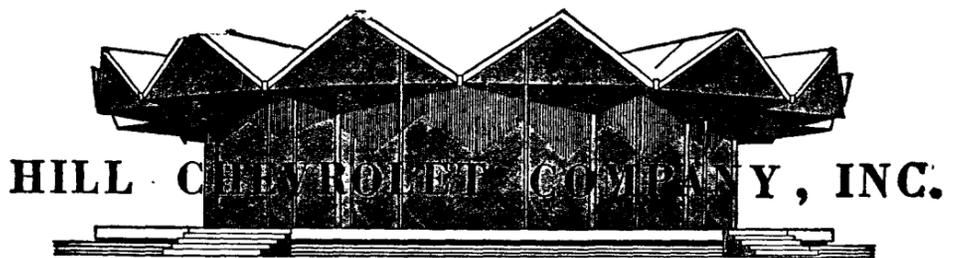
Impala Super Sport FOR ONLY 2389⁴²



Impala Super Sport Coupe in Regal Red. Impala Sport Coupe also available

AMERICA'S FAVORITE AUTOMOBILE YEAR AFTER YEAR . . .

Model No. 16337
FEATURES: Pushbutton Radio, Wheel Trim Covers, Whitewall Tires, Padded Dash, Seat Belts, Back-Up Lights, Turn Signals, Padded Sun Visor, Two Speed Electric Windshield Wiper and Washer.



Corner of Washington Street & Pratt Avenue, Phone 539-6541, Huntsville, Alabama

No Reasonable Offer Will Be Refused

