

The Redstone Rocket

Published by Jack W. Hoffhaus, Huntsville, 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. X; NO. 13

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

AUGUST 9, 1961



CHECKING IN — SP4 Lowell E. Mullins, a physiotherapist with the Medical Detachment at the Army Ordnance Missile Support Agency, checks the temperature, pulse and respiration of a blood donor candidate during the Red Cross Bloodmobile visit. SP4 Mullins, a native of Kentucky who was transplanted to Indiana before he entered the Army, has been at the Arsenal since March 13, 1960 and says he has checked so many donors that the names and faces have taken on a kaleidoscopic quality. He is one of three from the Medical Detachment and a dozen other Arsenal Troops who help regularly with the chores of Bloodmobile operation. The Bloodmobile is at Bldg. 5683 today and the expected take is reaching toward the 1,000 mark again.

ABMA Division Shifted To NASA One Year Ago

Operation Success MSFC - AOMC Clear Final Details

The Siamese twins have been divided.

The operation was a success. Both patients, the Army Ordnance Missile Command and the Marshall Space Flight Center, are bigger and better than ever.

With the transfer of personnel and facilities between AOMC and MSFC virtually complete, both organizations today expressed pleasure at the smoothness of the transition.

Seldom if ever has major surgery been achieved with less pain. Maj. Gen. August Schomburg, Commanding General of AOMC, said "The turnover has been virtually accomplished without detrimental effect on the important missions of my Command or those of the Marshall Center."

The Marshall Center was created by presidential directive transferring the Development Operations Division of the Army Ballistic Missile Agency headed by Dr. Wernher von Braun from the Army to the National Aeronautics and Space Administration.

Transfer of personnel, facilities and equipment at both Redstone Arsenal and Cape Canaveral became effective July 1 last year.

It was obvious at the outset that a smooth transition would be essential if high priority missile projects of the Army and the equally vital space work of the von Braun organization were to

remain on schedule.

The transfer involved some 4,060 members of the von Braun scientific team, an additional 324 personnel in technical material and supply elements associated with the team and 400 more general support personnel from various AOMC elements.

Officials on both sides expected all sorts of headaches in negotiating the change with the tremendous scope of the transfer involved—about \$115 million worth of (See SHIFT on Page 2)

Work Hours Change Here On Sept. 5

Working hours beginning at 8 a.m. and concluding at 4:30 p.m. will go in effect for "regular" shift employees of the Marshall Space Flight Center and the U. S. Army Ordnance Missile Command Sept. 5.

This announcement was made jointly today by spokesmen for both the civilian and military installations at Redstone Arsenal.

Many employees of both organizations have been on work schedule from 7:00 a.m. to 3:30 p.m. May 1.

These hours have been observed during the summer months to put the working day difference from two hours to one hour between the local installations and Washington, D. C., which is observing Daylight Savings Time.

The day following Labor Day was chosen for the time change-over because of the convening of public schools in the area.

Both MSFC and AOMC will announce more detailed time schedule later of working shifts which do not conform to the 8 a.m. - 4:30 p.m. hours.

County UGF Men Hold Conference

Thirteen United Giver's Fund representatives from surrounding counties met with Redstone Arsenal officials last week to discuss plans for the 1961 campaign.

UGF committeemen from Morgan County, Limestone County, Cullman County, Jackson County, Lauderdale and Colbert Counties, and from the Marshall County towns of Albertville, Arab, Boaz and Guntersville were at the Arsenal for the conference.

The 1961 campaign will mark the first time that UGF Chapters from Albertville and Guntersville, the two largest towns in Marshall County, have actively participated in the Arsenal campaign.

Harold Katz, the Arsenal's executive chairman for the 1961 drive outlined the procedure to be followed for the counties to receive a designated share of an individual's donation.

He stated that "the pledge cards can be marked on the face when the donor wants a specific portion to go to his home county." (See UGF on Page 2)

\$70 Million Is Awarded On Pershing Contracts

AUSA DRIVE IS DESIGNED TO DOUBLE MEMBERS

The Tennessee Valley Chapter of the Association of the United States Army hopes to double its membership during its annual membership drive, Aug. 14-18.

Second largest chapter in the national group, the Tennessee Valley Group is striving to regain its number one position. Although it has nearly 3,000 members, the local chapter has been passed by the Fort Benning chapter in total membership.

"To have the strongest possible voice in the affairs of the National organization, our chapter must regain its position as the largest one in the Association." Joseph W. Wiggins, chapter president, said today.

Wiggins called on each member to consider himself a committee of one to influence the enrollment of one new member and to renew his own membership when the present one expires.

Each Army agency at Redstone Arsenal and contractor will conduct its drive internally and separately. (See AUSA on Page 2)

One Contract Is For Completion Of Test Program

The U. S. Army today announced award of two contracts totaling more than \$70 million for work in connection with the Pershing missile system.

A significant aspect of the awards is that one contract calls for completion of the test program now in advanced phase. The other covers subsequent production of missiles for delivery to combat units.

The contracts were administered by the Birmingham Ordnance District with the Martin Company's Orlando, Fla., Division.

Commenting on the awards, Maj. Gen. August Schomburg, Commanding General, Army Ordnance Missile Command, said:

"We have been following an accelerated plan since the program was initiated and are highly gratified that this schedule has been maintained.

"This has required close cooperation between the Army, the Martin Company and the subcontractors on the program," the General added, "But it proves conclusively that important programs such as this one can be accomplished in a relatively short period of time.

"The secret is simply that of selecting a good team, following sound concepts, good design, setting meticulous testings and reliability standards, with everyone bearing down as hard as possible to get the job done," he said.

Pershing, with what is generally regarded as the finest flight test record of any research and development missile ever fired at Cape Canaveral, is being developed to replace the liquid-fueled Redstone.

Powered by two solid-propellant rocket motors, it has a range in excess of 200 miles. With its inertial guidance system, a nuclear warhead can be delivered with extreme accuracy under any condition of weather or visibility.

The entire Pershing firing unit is transported on four tracked vehicles, capable of speeds up to 40 miles an hour. With its own communications equipment, mobile power control pack and power supply, Pershing can roam throughout a wide battle area independent of any other units, yet go into action in just minutes when ordered to do so.

The system can also be deployed or re-supplied by helicopter and fixed-wing aircraft.

Norman Will Teach At University Center This Fall

Beginning a new field of study this fall at the University of Alabama Huntsville Center, Graduate Program, will be a course in Propulsion Methods.

This will include general principles of Nuclear Propulsion Reactors, Reactor Nucleonics, Nuclear Systems and Analysis, Energy Sources and Conversions, Ion Propulsions, and Magnetohydrodynamics.

The text material will primarily come from the study of Bussard and deLauer "Nuclear Rocket Propulsion" and "Plasma Acceleration" by Cash, as well as material from current scientific literature. The course will be taught by Mr. James E. Norman, Technical Director, R and D Operations, ARMA.

In the spring a course on Controlled Thermonuclear Reactions will be taught by Mr. Norman, which will include Mechanisms of Thermonuclear Reactions, Survey of Proposed Methods, Elementary (See NORMAN on Page 2)

Army Reveals Orderly Transfer Plans for Personnel

The Army today made public plans for inactivation or transfer of missions assigned the Army Ordnance Missile Support Agency pursuant to the decision by the Department of Defense to close a number of military installations in the United States and overseas.

The timetable for the actions follows:

The key mission for general supplies will be transferred to Pueblo, Colorado Ordnance Depot at a date to be announced. General supply and ammunition reserve missions will be inactivated June 30, 1962. On that day also the general supply returned ma-

teriel mission, ammunition surveillance and ammunition and general supply demilitarization missions will be inactivated.

The Office, Chief of Ordnance announced that disposition of personnel will occur concurrently with the transfer or inactivation of missions.

"The Ordnance Corps will take vigorous and positive action to assure that all affected employees receive offers of employment elsewhere prior to involuntary separation from the rolls of the closing installations," an Army order said.

"All commanders, civilian personnel officers and key operating

officials are enjoined to conscientiously follow the spirit and intent of this policy to assure that all employees are satisfactorily placed according to the best needs of the Ordnance Corps, the Government and individuals concerned. With full cooperation and teamwork a job can be found for every affected employee."

Since word was first received at Redstone concerning the phase-out of Redstone Depot, every effort has been made to place personnel affected in other jobs as they become available. This is being done in order to avoid last minute confusion near final phase-out date.

Scientists Present Papers at Symposium

Two Army scientists from Redstone Arsenal are participating in the 6th Annual Technical Symposium of the Society of Photographic Instrumentation Engineers in Los Angeles this week.

Donald J. Southard and Rudy Schlidt gave an hour briefing on Missile-Borne Television Instrumentation yesterday.

Southard is Deputy Chief of the Pictorial Plans Division, AOMC, and has coordinated inter-service pictorial activities, including photographic and television range and laboratory instrumentation.

Schlidt is in the Combat Requirement Branch of Research & Development Operations at the Army Rocket and Guided Missile Agency.

More than 2,000 delegates are attending the meeting where America's most notable photographic instrumentation experts will exchange vital knowledge.

The Redstone Rocket

The Redstone Rocket is a privately owned newspaper published every Wednesday at no expense to the Government by Jack W. Hoffhaus, Hartselle, Alabama, with exclusive regard for the reader interests of personnel at Redstone Arsenal, Alabama, in accordance with an agreement between the publisher and the Public Information Office, Army Ordnance Missile Command, Redstone Arsenal, Alabama.

The Rocket is NOT an official or semi-official Army or Ordnance Corps publication. Policies and statements reflected in the news and editorial columns represent the views of the individual writers and are not necessarily those of the Department of the Army, the Ordnance Corps, or any organization at Redstone Arsenal, Alabama. Appearance of advertisements in the Rocket does not constitute an endorsement of the advertising matter by the Department of the Army, the Ordnance Corps, or any organization at Redstone Arsenal, Alabama.

The publisher will receive editorial content for publication in the Rocket only through the Public Information Office, Army Ordnance Missile Command, Redstone Arsenal, Alabama, Bldg. 7101, Extension 876-3362. All advertising copy and payments therefor are received by Mrs. Zillah T. Heath, 311 Holmes Ave., N.E., Huntsville, Alabama, P. O. Box 346, telephone 534-4701, as representative of the publisher.

The Redstone Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates for the Rocket are \$5.15 a year, or \$2.83 for six months, Alabama sales tax included. Mailing arrangements may be made with the publisher.

EDITORIAL—

That Popular Classic 'Wind' Still Blowing

Twenty-five years ago this month a novel by an Atlanta newspaperwoman appeared on the U. S. scene. Three years later it was joined by its movie counterpart. Now, a quarter of a century later, we can see that few pieces of entertainment have had as much impact on our popular culture as Margaret Mitchell's "Gone With the Wind."

Statistics alone make this phenomenon of American fiction and film worth examining as an index of the national taste. Miss Mitchell's romance of the Civil War and Reconstruction has sold almost 10 million copies and has been translated into 25 languages. A new and lavish edition is on the presses. As for the movie, it's back again for the fifth time, in observance of the Civil War Centennial, and adding more millions to its fabulous box office record.

A good deal of the popularity of "Wind" as a book and movie undoubtedly stems from our fascinated preoccupation with the War Between the States; it never runs out, and the Centennial that began this year is one more manifestation of it. But beyond that, indisputably, Miss Mitchell told a whopping good story and Hollywood splashed it on a big canvas in a triumph of expert craftsmanship.

Actually both book and movie give richly dramatic insight into the passions that led Americans 100 years ago to take up arms against each other. The characters have become part of our folklore, like Uncle Tom and Little Eva and Simon Legree of "Uncle Tom's Cabin."

But plainly, "Gone With the Wind" is universal in its appeal, as witness its translation. And the movie, since its 1939 debut, has been playing somewhere in the world every day since, dubbed in five languages and subtitled in 30 others, to be seen by 20 million people. Whatever their race or creed or customs, they have identified themselves with the dashing and gallant characters Margaret Mitchell brought to ebullient life, and they'll probably go on doing so for generations to come. "Wind," in a popular sense, is our own "War and Peace." (AFPS)

SHIFT

(Continued From Page 1) equipment, inventories, supplies, facilities and land.

But the change, practically complete now, has gone very smoothly, according to both sides. This is probably due to two factors; a previously worked out transfer agreement, and a willingness on both sides to work together.

At this date, there are still four areas unsettled between the two giant organizations. But even these are rapidly approaching their final solution.

The first area is the turnback of approximately \$7 million worth of equipment from MSFC to AOMC. When Marshall opened shop, facilities were given wholesale, with provisions for negotiation on equipment at later dates. This is practically now accomplished.

The second area is in supplies transferred wholesale to NASA, a portion of which must now be returned to AOMC. A similar problem to the equipment situation, it is being worked on at present.

The third field is in warehousing. Both agencies are working toward a mutually acceptable solution of giving each other warehousing, and space that is ideally located for laboratories of each installation.

The final area is in services that were not specifically agreed upon in the original transfer. For example, MSFC has asked AOMC to provide medical services for its personnel. Originally Marshall was to provide an independent service, but decided to use those of the Army to avoid duplication of effort. So AOMC is setting up facilities for the Marshall Center personnel as well as taking care of its own. In printing service, AOMC is also providing a service that was not separately negotiated in the original transfer agreement, but has been worked out between the two agencies.

To keep problems to a minimum, the two commanders and their immediate staffs meet every three months to talk over questions and arrive at mutually agreeable solu-

NORMAN

(Continued From Page 1) Plasma Theory, Plasma Oscillation and Diagnostics, Experimental Theory and Experimental Pinch Effect, the Stellarator Theory and Experimental Mirror Systems, and the Stability Theory. The text by Glasstone "Controlled Thermonuclear Reactions" will be followed.

It is a survey course in this field and the mathematical rigor will not be emphasized; however an elementary understanding of field theory will be essential to the understanding of the material.

It is expected that additional offerings in these fields will be taught in the summer of 1962 and during the academic year 1962-63.

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



PRESCRIPTIONS
Filled
With Precision

**BENTLEY
DRUG CO.**

4003 Holmes Ave., N.W.
PHONE 536-7413
At your service
around the clock.

AUSA

(Continued From Page 1) parately during the week while a simultaneous drive is underway in Huntsville.

A year's membership is \$5 and includes a subscription to "Army" magazine, a journal that keeps up

UGF

(Continued From Page 1) The drive runs from Sept. 18 to Nov. 3 this year. The desired goal from each employee is 8 1/2 per cent of one day's pay.

No money will be collected after the drive ends, so contributors must donate while the drive is underway, all at one time or in three installments, during the six-week drive period.

Present from Arab was John B. Mills; from Morgan Co., Wayne H. Link, J. D. Knight, and Paul Robinson; from Limestone Co., A. O. Loyd; from Boaz, J. P. Elder and Joe Martin; from Cullman Co., Bob McGukin and Charles A. Cook; from Jackson Co., John C. Harris and John T. Reid; from Lauderdale and Colbert Counties, R. S. McBride; and from Albertville, Norman D. Darden. Katz represented Guntersville.

Also present at the meeting were W. T. Bledsoe, Arsenal drive finance chairman and Stanley Wilkins, installation co-ordinator for UGF.

Out of these talks has come a technical capabilities committee. This body works to determine how the Command and the Center can effectively use each other's technical capabilities to avoid duplication of effort in some fields.

Due to prior planning, AOMC and NASA have made a smooth transition of facilities and due to a willingness to cooperate they have kept a multimillion dollar switch operating well.

with all trends and developments in the modern Army.

To support the drive, the AUSA film "No Easy Way" was shown over television station WAFG last night at 6:30 p.m. The film will also have other showings at agencies and local civic and social organizations in Huntsville.

Devoted to the premise that a strong Army is vitally essential to our National Defense, the Association boasts 70,000 members in 123 chapters throughout the world.

In addition, 73 major industrial firms have added their voice to the Association through sustaining memberships in various chapters. Approximately 30 are located here or have representatives in the Huntsville area.

Formed in 1950 and reorganized in 1956, the Association stands for One Voice for One Army.

ABMA SSP'S GIVEN

Those receiving Sustained Superior Performance awards recently were: Arthur C. Poe, III, a mathematician in Analysis & Advanced Design Lab in R&D; Stanley Wicker, Chief, Programs Division, in Control and Mrs. June Worthey, a clerk-general in Weapon Systems Project Office (Jupiter) also in Control.

U. S. Navy submarines sank 214 naval and 1,178 merchant vessels belonging to the enemy during World War II.

LOCAL & LONG DISTANCE MOVING • STORAGE



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

IT TAKES A HEAP OF ENERGY—

TO DO YOUR BEST
ON ANY TEAM



DRINK PLENTY OF MILK!

SUCH A DELICIOUS REFRESHER AND
BODY BUILDER . . . DRINK PLENTY OF

MEADOW GOLD

FRESH DAILY FROM YOUR
MEADOW GOLD DAIRIES

LYRIC THEATRE

"Huntsville's Finest"
NOW SHOWING



Starts Thursday — Double Feature



Plus
"MORGAN THE PIRATE"

Starts Sunday
"TIME BOMB"
Curt Jurgens Mylene Demongeot

FOR STRENGTH AND SECURITY
FINANCE AND INSURE YOUR CAR
with
GOVERNMENT EMPLOYEES FINANCE CO.
INTERNATIONAL SERVICE INSURANCE CO.
Fort Worth, Texas

OFFICERS AND TOP NCO
THROUGHOUT THE SERVICES
RELY ON THESE ASSOCIATED
COMPANIES FOR THE BEST
IN AUTOMOBILE FINANCING
AND INSURANCE

Strong Insurance Protection • Low-Cost Financing
STATESIDE — OVERSEAS
including
COMPLETE SERVICES FOR OVERSEAS AREAS
SEE YOUR NEAREST LOCAL REPRESENTATIVE
2905 Bayless Dr. — Huntsville, Alabama
Phone 539-2356

By Jean L. Hoffman
Asst. Librarian

With our Liberty upon the chessboards of the world, It may well be, that we shall at last, grow Serious.
—Grace Noll Crowell in *Vital Possessions* (1960)
A note of seriousness has, for some time, crept into the recent output of both prose and poetry. Grace Noll Crowell, Texas' poet laureate, last year sounded a clarion call for action, in this inspirational volume containing devotions in prose and poetry, entitled: *Vital Possessions*.

Edmund Stillman and William Pfaff, writing in *The New Politics: America and the end of the Postwar World*, (1961) declared recently: "There is no permanent leasehold on greatness, though we (in America) have behaved as if greatness for this nation had been fore-ordained. Yet we have hardly been put to the test. . . . We have deafened the world with our boasts, but we have known from the moment of our entry into world affairs that we have had to summon up too little of ourselves to meet these challenges. . . . as a nation, grown flacid and unsure, we have slashed at the best of ourselves, our roots and our tradition of reason. . . . The United States has had a colossal draft on fortune and is not meeting it. . . ."

"Lest we take this indictment too lightly, let us bear in mind the importance of reading critically and above all, of thinking for ourselves." Other current writers whose work provokes thought processes, are Henry Brandon's "As We Are," Max Lerner's "America As a Civilization," Norman Cousins' "In Place of Folly," and William Lederer's "A Nation of Sheep."

May we recommend a Potpourri of good reading for summer's waning hours. "The Perennial Philosophy," by Aldous Huxley; "Nana," by Emile Zola; "Generation of Vipers," by Philip Wylie; "Mark it and Strike it," by Steve Allen; "The Edge of Day," by Laurie Lee; "Water of Life," by Henry Morton Robinson; "Bertrand Russell: the Passionate Scentic," by Alan Wood; "Judo," by Eric Dominy; "Invest Smartly," by Morton Yarmon; "Out of My Later Years," by Albert Einstein; "Life with Women and How to Survive it," by Joseph Peck, M. D.

It is interesting that Dr. Peck has quoted a long-forgotten truism from Samuel Johnson, to-wit:

A man is in general better pleased when he has a good dinner upon his table than when his wife talks Greek.

A special salute to all mothers who have survived summer camp-

ing, picnics, and forays into the out-of-doors. September is just around the corner . . . bringing school days once more . . . For you we recommend Shirley Jackson's "Raising Demons," and her "Life Among the Savages," also Gilbreth's "Cheaper by the Dozen," as well as "Belles on Their Toes," and Clarence Day's "Life with Father."

Albert Einstein's "Out of My Later Years," (1950) issued his prophetic remarks, "The War is Won, But the Peace is Not!" Another enlightening essay in this volume which bears re-reading is "The Menace of Mass Destruction."

Einstein's thoughts on moral decay call to mind the movement led by Frank Buchman known as Moral re-armament. Capt. Batterson recently called this movement to our attention and presented the library several works which included Buchman's premise in his "Remaking the World," to-wit:

The basic struggle is for the wills of men. It goes on in your heart and mine every day. . . . But the deciding factor is whether as men and nations we are guided by the voice of Materialism or the VOICE OF GOD.

Having seen again only last week the moving panorama of human suffering during the early days of the Christian religion, we are led to remind our readers of General Lew Wallace's "Ben-Hur," which develops the theme of Man's Inhumanity to man.

The impact of the lines which made the greatest impression or

our memory from the lengthy rove: "The only way to fight an idea with another idea . . . a much better one."

Shellabarger's work, "Captain from Castile," makes exciting reading, revealing the terrible days of the Spanish Inquisition.

Erich Remarque's new best-seller is "Heaven Has No Favorites" He will be remembered for his previous, "A Time to Love and a Time to Die."

Although Irving Stone's Number 1 Best-Seller is somewhat lengthy, fans across the country continue to preserve its popularity. His previous "Love is Eternal," and "Lust for Life," reveals his literary talent and ability to depict with conviction historical facts and figures.

For our military patrons our periodical subscriptions range from "Downbeat," for avid music lovers, to "Dog World," for those who think that a man's best friend is his dog.

For the coming opera season, may we recommend Ernest Newman's older work recently acquired, entitled, "Seventeen Famous Operas," which includes resumes of La Boheme; Carmen; La Traviata, Il Trovatore, Aida; and the immortal Madam Butterfly, by Puccini.

Recalling the tragic and moving third act in which poor Butterfly dismisses the sobbing Suzuki, pulls the curtains, kneels before the Buddha statue, and takes the dagger from the sheath, as she sings softly:



EAGLES FOR COL. KATZ — Harold K. Katz, Commander of the 3381st Civil Affairs Group, U. S. Army Reserve, in Albertville, is presented his colonel's eagles by Col. B. J. Leon Hirschorn, ABMA Deputy Commander. Col. J. E. Aber, Col. Katz's boss when he is a civilian, looks on. Mr. Katz is Executive Assistant to Col. Aber, Director of Field Support Operations, ABMA.

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.

INVITATION TO THE HARD OF HEARING
OPEN HOUSE

AT

MAICO HEARING SERVICE

805 MADISON STREET MALL PHONE 539-1191

Open House Extended Through Saturday!

DISCUSS YOUR HEARING
PROBLEM WITH
MR. SAM WOLFE AT
MAICO HEARING SERVICE

and MR. RODGER C. OLSON

from the

MAICO LABORATORIES

Here's an excellent opportunity for you to meet and discuss your hearing problem with Mr. Wolfe as well as Mr. Olson of the laboratories of Maico—May we suggest that you telephone for an appointment.

25 % Off
THE REGULAR PRICE
OF ANY
MAICO AID
During These 4 Days

See The Extensive Collection Of Hearing Glasses. Behind The Ear Aids, Ladies Barrette Models And Special Aids Designed For Hard To Fit Hearing Losses. Maico's Precision Audiometer Will Check Your Need For Hearing Correction.

—FREE TEST FITTING
—NO OBLIGATION

SEE COMPLETE LINE OF NEWEST
MAICO Hearing Glasses & Hearing Aids

Open 9 A.M. To 9 P.M. Daily!

WANT SOME CASH FAST?



Double Time
to the
G.A.C. office

SERVICE "TOUTE SUITE"

G.A.C. FINANCE
CORPORATION

213 RANDOLPH AVENUE, S.E.

Huntsville, Alabama

Telephone 534-6458



THANK YOU, REDSTONE

FOR MAKING OUR OPENING A GREAT ONE!

MANY BOUGHT ONE OF OUR OPENING SPECIALS — SO WE OFFER

MORE OPENING SPECIALS

1959 FORD
2 Door Hardtop, radio, heater,
white tires, auto trans. Nice
\$1895

1953 CHEVY
Convertible, radio, heater,
auto. trans. Nice \$34.44 per
month.

1960 COMET
Wagon, radio, heater, white
tires, red & white. Nice \$1895.

1959 T. BIRD
Radio, heater, auto power
power steering and brakes,
low miles, \$2895.

1960 CHEVY
Wagon, radio, heater, \$2095.00.

1959 PONTIAC
Convertible, radio, heater,
power steering and brakes,
Auto sharp, \$2195.

1956 FORD
2 door hardtop, red & white
auto, radio & heater \$695.

2 — Nice Chevrolet Pickup
Trucks.

1959 FORD
Wagon Auto, radio, heater,
padded dash, power steering,
extra nice, \$1995.00.

MADISON STREET MOTORS

HOOT WILBURN

and

BEN RAY

501 MADISON ST.

PHONE 536-1761

Across From First National Bank Madison St. Branch

Social News

Party Bridge Winners Are Mrs. E. M. Krembs And Lt. W. W. Whalen

Monday night party bridge drew eight tables of competitors to the Squirrel Hill Officers Club on July 31.

Winners for the women were Mrs. E. M. Krembs, first and Mrs. E. R. Billings, second; for the men Lt. William W. Whalen, first and Lt. K. E. Van Buskirk, second.

Reservations to play with the group may be made with Mrs. John Sevaroid, 877-4841, by noon on Saturday.

Rocket City Coin Club Will Meet Tomorrow Night

The Rocket City Coin Club will meet tomorrow night, the second Thursday of the month, at the Elks Club at 7 p.m.

The club is open to both military and civilian residents in this area and includes collectors in both the beginners and advanced categories.

The meetings feature talks, auctions and trade sessions. Lt. Elton Tanner can furnish further information after 4 p.m. daily at 877-4338.

Chemists Will Have Picnic in Birmingham

The American Institute of Chemists will hold a picnic Saturday, Aug. 12, at Lane Park in Birmingham.

The picnic is scheduled in Area No. One at 3:30 p.m. Food will be served at 5:30 p.m.

Martin B. Williams of ARGMA is taking reservations of those who wish to attend from the Huntsville area. He stated that the children will probably be interested in touring the Zoo.

Births at Post Hospital

Sherrie Ann Young, 6 lbs., 13 oz., July 27, daughter of Pvt. and Mrs. Bernard N. Young.

Craig Christopher Sanders, 8 lbs., 7½ ozs., July 27, son of PFC. and Mrs. Howard N. Sanders.

Stephonei Lee Sims, 8 lbs., 7 oz., July 28, daughter of Sgt. and Mrs. Jack E. Sims.

Paula Jean Fisher, 7 lbs., 5½ oz., July 28, daughter of SP5 and Mrs. Kenneth L. Fisher.

Donald Lee Scott, 6 lbs., 10 oz., July 28, son of SP5 and Mrs. Charles C. Scott.

Daniel Alan Koch, 7 lbs., 13 oz., July 29, son of PFC. and Mrs. Robert E. Koch.

Paula Sue Chaplin, 5 lbs., 2¼ oz., July 31, daughter of SP4 and Mrs. Paul M. Chaplin.

Bonita Irene Tidwell, 4 lbs., 12¼ oz., Aug. 2, daughter of Sgt. and Mrs. Earnest M. Tidwell.

Leaman Lacy, Jr., 7 lbs., 5 oz., Aug. 2, son of Sgt. and Mrs. Leaman Lacy, Sr.

Complete Book Service

THE BOOK SHOP

Russel Erskine Bldg.

— OPEN —

MON. Thru FRI. — 9 'til 9

SATURDAY — 9 'til 6

Closed Sundays



ENGAGEMENT ANNOUNCED—MISS MAJORIE FAYE BEENE

Miss Beene's Engagement To Capt. Canja Is Told

Mr. and Mrs. John Beene of Warner Robins, Ga., announce the engagement of their daughter, Majorie Faye Beene, of Warner Robins, to Capt. Safron S. Canja, of Cleveland, Ohio, son of Mrs. Rose Canja and the late Mr. Safron Canja of that city.

The wedding, with a reception to follow, is set for 3 p.m., Sunday, Sept. 24, at the First Baptist Church in Warner Robins with Rev. Harold Moore, the pastor, to officiate.

Miss Beene is a graduate of Warner Robins High School and has attended Mercer University in Macon, Ga. She is presently employed at Redstone Arsenal.

Capt. Canja is a graduate of East Technical High School in Cleveland, Ohio. He also attended Ohio State University in Columbus, O.,

where he received his B. S. degree. He was a member of Delta Sigma Phi social fraternity. He is presently a staff officer with the Army Rocket and Guided Missile Agency.

Naval Reserve Teaches Atomic Warfare Defense

Atomic Warfare Defense (ABC Warfare) and Guided Missiles orientation will be taught at the Naval Reserve Officers School Extension in Huntsville beginning on Aug. 30.

Capt. Frank Vines, USNR-R, Commanding Officer at Birmingham Naval Reserve School, announced classes will meet each Wednesday at the local training

Huff Presents Papers at ARS

Jess B. Huff, Jr., of the Army Ballistic Missile Agency will present a technical paper during a three day meeting of the American Rocket Society in California which began Monday.

His presentation on evolution of guidance for Redstone, Jupiter and Pershing missiles was prepared by Huff and William V. Gudaitis. Huff is director of ABMA's Guidance, Control and Aeroballistics Lab. Gudaitis is his deputy.

The meeting will be held at Stanford University in Palo Alto, Calif.

The paper traces the evolution of the Delta Minimum concept, beginning with the work done in 1951, which was a preliminary study of the Guidance and Control Scheme for the Redstone.

Army scientists were conscientiously attempting to replace existing field artillery with missiles, rather than replacing aircraft with missiles, and this fundamental difference in approaches was reflected in the guidance scheme which evolved, Huff says.

Huff was a member of the original team which conceived and developed the Delta Minimum Guidance Scheme. He received a degree in physics at Western Kentucky Teacher's College in 1946 and a graduate degree in the same field from the University of Kentucky in 1948.

Gudaitis joined ABMA in June of last year. He had spent almost eight years working closely with ABMA in the development of the Redstone and Jupiter as head of the Control and Design Department of the Chrysler Corporation Missile Division. He received a degree in physics from the University of Detroit in 1942, and has done graduate work at Harvard University and at Massachusetts Institute of Technology.

station.

Classes will be limited to twenty students.

All branches of the Armed Forces may participate.

INSURANCE

• Auto - Fire - Casualty
SR-22 Filed

We write or accept Military Risk of any age or rank.

W. E. DICKEY
REAL ESTATE BROKER

507 Terry-Hutchens Bldg.
Phone 539-1161

S. & N.
GREEN STAMPS
Cash and Carry Only!
CORUM'S
Shirt Laundry
and
Finer Cleaning
South Memorial Parkway

SPECIAL PRICE!
ON
STEAM BATHS AND MASSAGE
FOR
ONE WEEK ONLY
Huntsville Health Club
2816 S.W. GOVERNORS DRIVE

ANNOUNCING A NEW
LOCATION—
Nita's Beauty Salon is Now
Nita & Dave's Beauty Salon
and School
Located 3215 Governors Dr., W.
Across From Butler High School

We Offer This
PERMANENT SPECIAL
(Includes Styling, Hair Cut, Shampoo and Set.)
REG. \$12.50 **\$8.50**
REG. \$15.00 **\$10.00**
SPECIAL! Good only at Governors Drive Location.
Call Mr. Dan Lansford
539-2461



"Of course we have the same expert service on Jordan Lane and Holmes."

NITA & DAVE'S SALON OF BEAUTY & SCHOOL

Preston Building
Jordan Lane & Holmes
Phone 536-8841

3215 Governor's Dr., W.
Phone 539-2461

Mary Shoppe—
Has A Complete Selection Of

Dark Cottons

To Wear Now — And On Into Fall
Priced From \$8.98 To \$24.98

- Juniors - 5 - 15
- Petite Juniors 3 - 15
- Regular Sizes 10 - 20
- Talls 8 - 20

MARY SHOPPE

Downtown Huntsville
Open 6 Days A Week And
Thursday Nights



At the Service Club

I have been conducting an official poll among those who visit the Service Club as to what attracts them to attend the programs. It seems that most like variety in the programming, and the more different types of programs per week, the better. This week's schedule, therefore, should be one of the most popular in months, as the programs are many and varied.

Wednesday night, the Dance Classes begin in the large lounge at 1800 hours for further instruction on the Tango and the jitterbug.

On Thursday the Service Club swings the spotlight to the fine art of photography with a Post-Wide Contest on Color Slides. I urge all of you shutterbugs who haven't entered the contest to come by and view the judging anyway, as there is sure to be

some very nice work exhibited. The contest will begin at 1800 hours on Thursday night, August 10th, and the competition will continue until winners for the three categories have been chosen.

Friday night, Show Rehearsals will begin in the large lounge at 1800 hours. A Table Tennis Contest will be held at 2000 hours in the Game Room, coinciding with Musical Moods, a program of popular LP's played over the public address system.

Saturday's tour to the Birmingham Zoo will leave the Service Club at 1300 hours. This one, like all of the other Service Club tours, is a "sign-up" program. This merely means that you need to drop by the club at your earliest convenience and sign your name on the reservation list. These lists are usually quickly filled, so I urge you to be one of the first so you'll be sure of a place. Then at 1800 hours, those of us remaining at the Club will have a Fudge Party.

Hot coffee and donuts will be served in the air-conditioned main

AUDITIONS

PFC Sam Wolfson, is seeking : male lead for "Will Success Spoil Rock Hunter" to be produced by the Service Club Little Theater group later this year.

Auditions for the cast are scheduled at the Club Thursday, Aug 10, at 6:30 p.m. PFC Wolfson may be contacted through the Service Club hostess.

MISSILE DEFINITION . . . Command guidance—a system whereby a missile's movement is guided by electronic commands from an outside source.

lounge at 0930 hours Sunday morning. At 1230 hours, the pinochle players will gather in the small lounge for a Pinochle Contest. If you like pinochle, drop in and join us. On Sunday evening, the weekly record dance, Record Spin, will begin at 1900 hours.

Our Evening of Games, held each Monday night will begin at 2015 hours in the large lounge.

The Bridge Club meets each Tuesday night at 1900 hours in the small lounge, and we would like to collect a few more players. If you're interested in Bridge, come by and join us, you don't have to be an expert. The Rho Sigma Chi meets at 1930 hours on Tuesday night.

At 2000 hours on Tuesday the 15th, Variety Kicks will take over the Main Lounge with an array of talent that is sure to be entertaining.

HISTORY

A large audience was treated to a varied mixture of Jazz, Variety, and Comedy on the 28th of July, when the Jazz Festival opened its doors in the Service Club lounge. Pfc Sam Wolfson had collected a pleasing mixture of entertainers and arranged them into a very entertaining evening. Some of this talent will no doubt be on hand for the upcoming Variety Kicks showing.

FUTURE

Got a dog? Don't forget the Service Club Dog Show on the 20th!

We also have a three-act comedy opening here on the 22nd. It's called "Papa Was A Preacher," and from advance comments, I gather that it's a riot.

Then, we have a Guntersville picnic coming up—don't forget to sign up for it—and assorted parties, contests, and games.

See you soon?
Margaret

Arthur Murray Dance Studio

over the Ritz Cafe Downtown Huntsville

CAN TEACH YOU THE LATEST STEPS IN ALL

Ballroom Dances

Dial 536-9624

Open 10 till 10

Sat. 10 till 6

Licenseses Don & Sue Wrye



OPERATION "NORMAL" For Jim Green, Administrative Officer of the Army Rocket and Guided Missile Agency's Control Office, Friday was just another day, but it was a significant one for it marked twenty years of consecutive service without a day of absence because of illness. Mr. Green is being congratulated here by Lt. Col. B. H. Schimmel, Chief of Control office. He has more than 1720 hours of sick leave to his credit and leads all ARGMA employees in this field.

WHY NOT . . . GIVE YOURSELF A BEAUTY BREAK?

Nothing else gives your morale that glorious lift that you get when your beautician's expert fingers go to work. Just an hour's pampering will make you look and feel like a new person.



● For Appointment Phone 534-4551

OPEN EVENINGS BY APPOINTMENT!

QUICK'S BEAUTY SALON

Greene Street — Downtown Huntsville



It's The Talk Of The Town

OUR SHIRT LAUNDRY SERVICE!

Your white shirts are whiter, your colored shirts are brighter after our extra careful laundering. Skilled finishing gives every shirt a trim, neat appearance the whole day thru. A trial will convince you!

VALLEY CLEANERS

Open 7 a.m. to 7:30 p.m. Daily
Parkway City

Back-to-school SPECIALS

THESE PRICES ARE GOOD FOR Thursday - Friday - Sat., Aug. 10-11-12



THE BOOK SHOP

Russel Erskine Bldg. Downtown - Huntsville

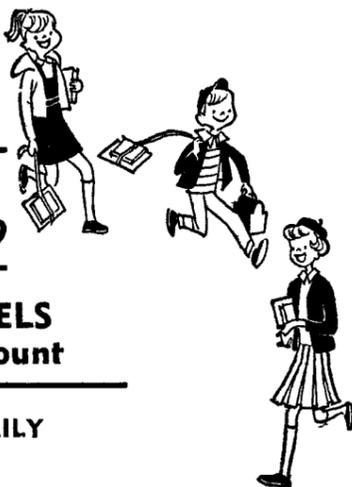
ZIPPER BINDERS 1/3 off

LUNCH BOXES \$3.49

BOOK SATCHELS At a 10% Discount

● OPEN 9 TO 9 DAILY

● FREE PARKING



— BACK TO SCHOOL LAY-A-WAY TIME —

Shop in comfort for lovely Back-to-School Fashions from name brands.

GIRLS — Size Infants - 14

DRESSES — By Viola, Cinderella, Mary Jane, Love, and Kate Greenaway.

COATS — Weather Winky, New York Girl and Curtsy.

SLIPS-PANTS — Her Majesty & Shiree

SOCKS — CAR COATS — RAIN COATS — SWEATERS.

Complete One-Stop Shopping

BOYS — Sizes 0-12

Coats — Jackets — Suits — Sweaters — Blue Jeans —

Shirts — Underwear — Socks — Complete Boys Dept.

Name Brands as Rob Roy — Billy The Kid — Buckaroo

Happ and K. C. Boys Wear

LAY-AWAY OR 30 DAY CHARGE INVITED

KIDDIE FASHIONS

(Pearsall Shopping Center)
NORTH MEMORIAL PARKWAY



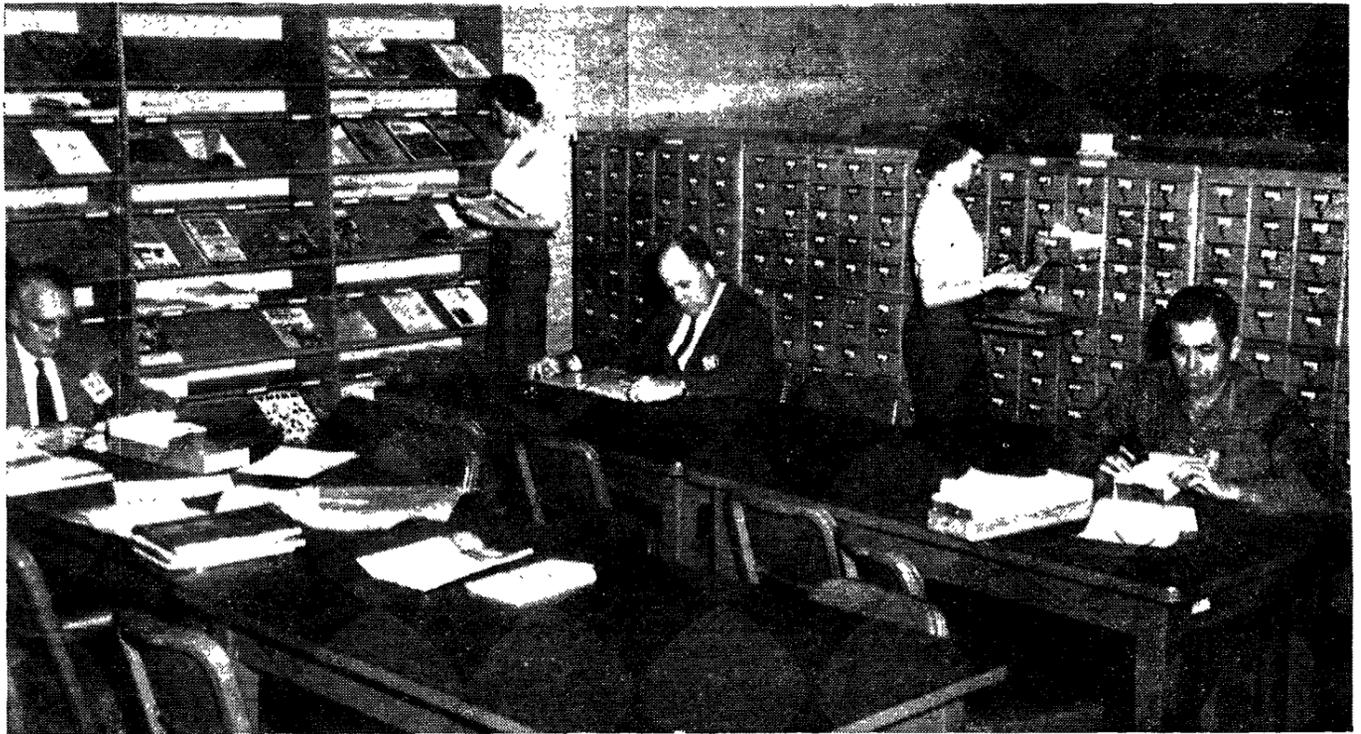
Library Is Store House of Knowledge for Use By Army's Scientists, Engineers and Others

As the human brain is the knowledge storehouse for man, so is the library the knowledge storehouse of an agency or organization. The Technical Library of the Army Ballistic Missile Agency, under the direction of Operating Services and the supervision of Mrs. Charlotte F. Shenk, serves the same function for ABMA as an engineer's mind serves his hands: it keeps knowledge ready at the finger tips.

The Technical Library is a repository for hundreds of books, periodicals, training aids, microfilm, and scientific reports so new that some have not yet been bound.

Besides the mountainous heaps of information kept on hand, ABMA's Technical Library has national and world-wide lending and borrowing facilities. It can get documents and reports from libraries all over the United States and any of the free countries of the world.

The Technical Library personnel also do a limited amount of research upon request. Their knowledge of card files, indices, bibliographies and abstracts can offer save a busy engineer or scientist some long hours of seeking the (Continued on Page 7)



A MUCH USED CORNER of the library is the reading area. It has chairs, tables, and smokestands, and is readily located adjacent to the card catalogue and magazine racks for easy accessibility. Seated left to right are James J. Martin of Chrysler Cor-

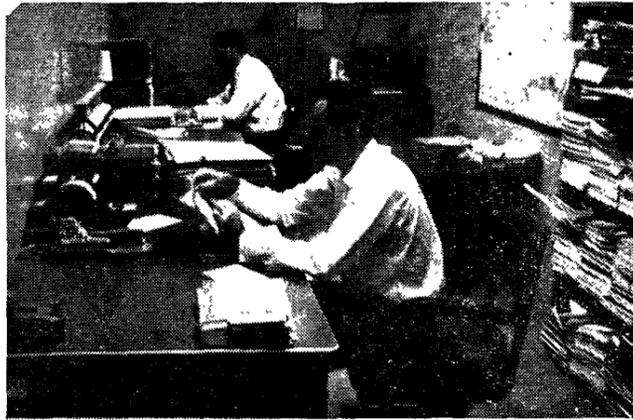
poration, a MSFC contractor, William Heflin of AOMC and Jack Kay of ARGMA. Standing left to right are Sue Grosson and Judy F. Newberry, Technical Library employees.



MRS. LUCILE D. RIDINGS, chief of the Reference and Circulation Branch of AMBA's Technical Library, directs the research that directs scientists and engineers to the books and material they need. Mrs. Ridings is editor of the "Alabama Librarian," a quarterly magazine for librarians.



NEED A PROP?—The Training Aids Center of the library, operated by Mrs. Lector London, foreground, and Miss Betty Floyd, keeps standard training aids and props for lecturers and teachers who find them helpful in communicating.



THE DISTRIBUTION AND MAIL ROOM of the library facilitates the easy acquisition of information from the files and shelves. It is a mail order service. If you know what you want, just write or phone for it. Thomas Davis, foreground, and James Curtis will mail it to you.

For OFFICE SUPPLIES

K & E

Engineering and Drafting Supplies

Office Furniture

Quality Printing

— CALL —

OSCO

Office Supply Co.

41 TRAYLOR ISLAND
Pleas Manley, Owner
Robert Gibson, Manager

GENERAL MOVING AND HAULING

3200 TRIANA BLVD. — PHONE 534-9269

Fine Foods
low priced

TOP QUALITY MEAT BUYS

FRUITS

3 LOCATIONS TO SERVE YOU

VEGETABLES

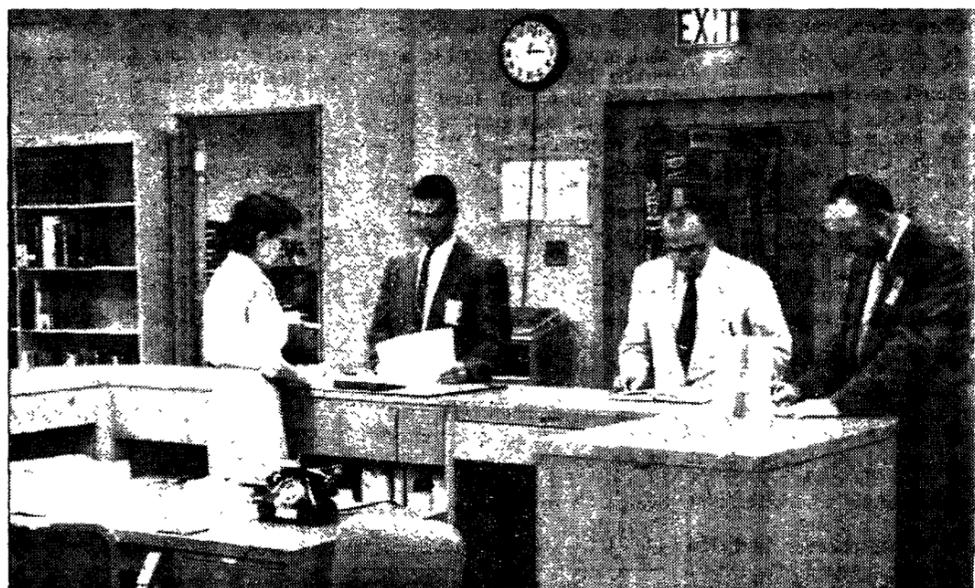
BIG BROTHER SUPER MARKET

2121 Whitesburg Drive, S.W.
Corner Athens Pike and Jordan Lane
1449 O'Shaughnessy Ave., N.E.

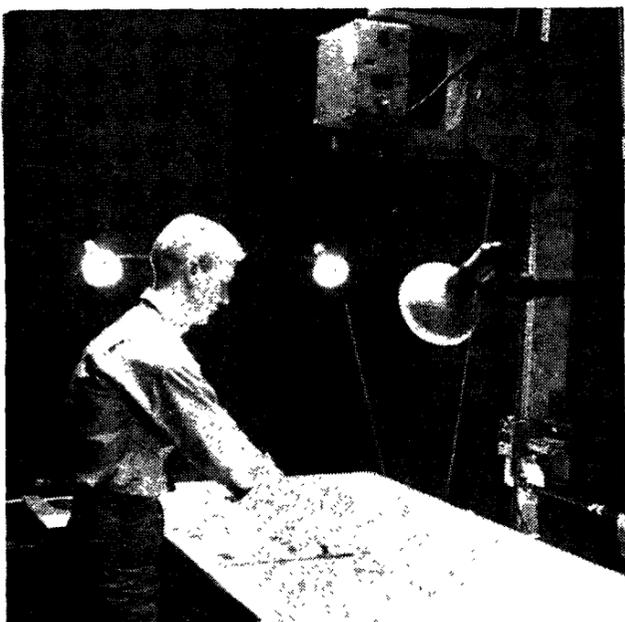
- WE CASH PAYROLL CHECKS
- PLENTY OF PARKING SPACE



THE TECHNICAL PROCESSING BRANCH accounts for everything on file in the library. The girls in this section file, catalogue, and record new documents in the Library. They insure that whatever is in the library can be found.



THE REFERENCE AND CIRCULATION DESK is a busy place. Here library users check out books, periodicals, reports, and receive help in finding the material that they need. Mrs. Lucile Ridings, left, is chief of this branch.



SAVING SPACE is a problem in any library where new documents are constantly coming in. But Bill Johnson conserves a good bit of it by putting many documents on microfilm in the Micro Photography Room of the library.



PRESIDENT OF THE ALABAMA LIBRARIAN'S ASSOCIATION, Mrs. Jane F. Bently is also Chief of the Technical Processing Department of ABMA's Technical Library. Her branch processes new documents in the library and insures that any document can be found at any time. Mrs. Bently is also a writer of articles about libraries.



THE CAVERN—Hundreds of unbound scientific reports line the Reports Files shelves in ABMA's Technical Library. Mrs. Dorothy Deflorio keeps account of these valuable papers, and offers locator services to engineers and scientists who need them.

(Continued From Page 6)

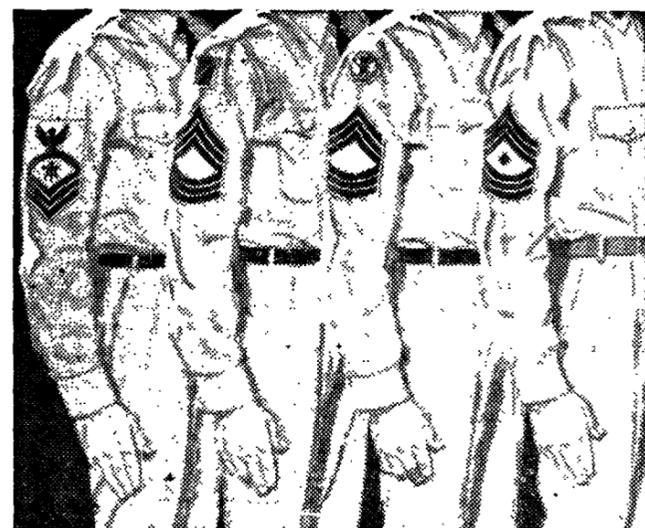
right road to the information he wants.

New knowledge, found by the engineers and scientists of ABMA, stored in the Technical Library in the form of reports so that knowledge can be used not only by other scientists and engineers in ABMA, but by sister agencies anywhere in the world who may need it.

Most information in the Technical Library exists in one or few copies. If more copies are needed, they can be reproduced almost immediately so that permanent copies can be given out.

The library itself is located in Bldg. 4488; however, the service it extends reaches all of ABMA's facilities and personnel.

The library personnel work toward one primary aim: to serve ABMA, to keep as close as the telephone or a short visit whenever information is needed, whether it be the technicalities of missile systems and physics or the technicalities or report writing and spelling.



Servicemen who go places ALWAYS FIND HFC SERVICES HANDY

HFC money service is exactly what you want and where you want it. Our Serviceman Loan Specialists can quickly arrange cash for any purpose. And one of our more than 1,100 modern offices . . . located coast-to-coast, Hawaii, Alaska and Canada too . . . is always likely to be nearby. No wonder over 100,000 servicemen prefer HFC. Drop in, write or phone.

Ask about Life and Disability Insurance on loans at group rate

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

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
Company of Alabama

215 East Side Square—HUNTSVILLE
PHONE: 539-4496

Hours: 9:30 to 5:30 Mon., Tues., Wed., Fri.—11 to 8 Thurs.
Loans made to residents within a 100 mile radius

POST LIABILITY \$10 PER YEAR
Military - Any Age or Rank - Terms
Branner Insurance Agency
527 Madison Street
Open 'til 8 p.m.
Pho. 534-0146

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 PHONES: 534-0371
536-6677
HOME PHONE: 534-6308



MRS. CHARLOTTE F. SHENK, Chief of the ABMA Technical Library, is not only an able administrator, but she is also a nationally known authority on library cataloguing. Aside from the many articles she has written on libraries and cataloguing, she has been a member of several delegations to study libraries abroad, including many in Russia, and was chosen by the American Librarians Association to review 16 papers that will be presented at the International Federation of Librarians Association to be held in Paris this October.



The Sports Car Buffs

The week finds us without any major activity in the local area other than our two club meetings.

The Tennessee Valley Region, SCCA met Saturday night July 29th at Pete Fricke's Imported Car Garage with around 50 persons in attendance. Trophies were presented to the winners of the July 23rd Gymkhana, information sheets were passed out on the future Rallye De Noir and the major part of the meeting was devoted to a discussion of the scheduled TVR-SCCA, Divisional Races of Sept. —Oct. 30

Vic Baucom (Chrysler) was voted into membership, guests were introduced and movies were shown. Everyone present was served refreshments, compliments of Mr. Pete Fricke.

I wish to express my thanks, and I am sure the thanks of all the club members, to Mr. Fricke for the refreshments and making his establishment available to us for meetings. Meeting places are hard to find these days and he has gone far out of his way to accommodate us.

Twickenham Club

The Twickenham AC held their regular meeting at George's Restaurant last Thursday night with over 50 people present.

Two new members were accepted into the club ranks, Dave Woody and Tom Dennis. A hearty welcome to both of you. With more than fifteen guests present, we hope to see the membership grow. Purchase of an electrical timing device for Gymkhanas, etc., was held. Reports on the top competitors for the club's workers and participant awards and information on past and future events in the area were given. The next meeting will be at George's on the evening of Aug. 17. Try to be there and join our activities.

"Seat Belts"

One thing that I have left out of both club reports is the discussion that took place regarding the use of seat belts. If you will remember, in the last column, I asked you whether you were safe and had seat belts in your car. This subject has been a major topic of discussion in both clubs. The TVR-SCCA, under the leadership of RE Dick Heckman (Thiokol) went on record at their meeting as heartily recommending use of

seat belts in all cars belonging to members, as well as, in all cars participating in events sponsored by the club.

The Twickenham AC has gone even farther. Under the direction of President Bill Aycock (Thiokol) more than an hours hot and heavy discussion on whether to require their use in TAC sponsored events resulted in the club being on record in strongly recommending use of the belts and offering a reduction in entry fee on all TAC events for those who have and use them.

If there are any readers of this column who were not at either of these meetings, and have any comment to make on the use, or requiring the use of safety belts, we would be more than happy to hear from you. Maybe in a later column we can have a symposium of the pro's and con's on this subject.

Future Events

In the line of future events the Rallye De Noir seems to be progressing well. Announcements have been mailed and all the General Instructions concerning the event are available at the present time.

The route has been firmed up and it seems that everything is ready to go. Anyone interested in participating in the event can obtain all the necessary information by writing Miss Penny Libbe, Rally Secretary, III Rallye De Noir, 3022 Thompson Circle, Huntsville. If you want to work on the event just contact this writer and I can assure you any help will be most appreciated by the organizers.

Since starting this column, I have had quite a number of comments, both good and bad with the major part on the credit side. There has been, however, one item of dissension among the readers, that of the mast-head, title or whatever you want to call it. "The Sports Car Buffs" some like it and some do not. What is your opinion?

Call or drop me a line at 1152 F Hof Circle, Redstone Arsenal and express your views on this subject. If enough interest is shown, we just might run a contest to determine what should be used. How about it? Let us hear from you.

New U. S. Grand Prix Location

Though still unofficial at press time, a reliable source has passed the word along that the third running of the Grand Prix of the United States will be held October, November, at an unannounced site, it would appear that a suitable course could not be arranged for by the original sanction holder.

The new date moves the event into the regular Grand Prix season, coming after the Italian GP at Monza and before the GP of Monaco, rather than after the regular season is completed, as in the past.

Let us hope that the return to the site of the Post-War Grand Prix races in this country will be a huge success and see the US GP become one of the outstanding races on the International Racing Calendar.

New Speed Records Set

America's ambitious automobile record breaker, Mickey Thompson, set his sights on 18 International standing start records, July 9th at the March AFB, California, and when excessive winds just before noon, caused cancellation of further attempts, the United States was the holder of six International records.

New records set were: Class F (1500cc)-1 km., 91.3 mph, 1 mi., 106.78 mph, Class E (2000cc)-1 km., 96.368 mph, 1 mi., 114.343 mph and Class C (5000cc)-1 km., 123.905 mph, 1 mi., 138.962 mph.

Perhaps the most interesting aspect of this record setting session was not so much the speed itself, but the engine used in the Class F car.

Makes Engine

The United States does not produce an exceptional 1500cc engine. Therefore Mickey acquired a 1961 Pontiac Tempest engine, cut it in half and used the two rear cylinders, de-stroked 1/4" and with aluminum rods and pistons.

A GMC supercharger and Hilborn injection system, used with nitromethane fuel and a magneto ignition system, brought the power output up to 300 horsepower at 7000 RPM, a very respectable figure, for just the rear half of an engine with all four cylinders rated at 130 HP. Our hats are off to Mickey Thompson and his new records.

Mis Conceptions

I am going to take the liberty of editorializing a little in this weeks' column, for I was stopped the other day, by one of the members of our local club, and asked whether I had seen a "certain newscast" on television the night before.

Being up to my neck in the organization of the III Rallye DeNoir I had not, and asked him why. It seems that on this particular program, the newscaster was reporting an accident that had happened here in Huntsville that night. I was stated that the woman had been injured when her "Small Foreign Sports Car" became involved with a larger automobile on Memorial Parkway.

After going into detail it was learned that the car involved was a Volkswagen, which is far from being a sports car but a "Small Imported Sedan."

This is a rather prevalent, misconception, held in this country, that any small foreign car is considered a sports car, and it is an opinion that we sports car enthusiasts can do without.

It is my opinion that something should and can be done to correct this situation but, all you sports car owners and enthusiasts are the ones who will have to do it. How, you ask?

Be Safe, Courteous

First and foremost you can con-

vince the public, by your actions with your car, that Sports Car owners and drivers are safe, courteous and better drivers.

We stand out every time we put our car on the road, for our car is different, and by our actions are we judged, not just the individual car but every sports car anywhere. When you yield the right of way to a car, let a car enter a line of traffic or stop to let a pedestrian cross the road the impression presented is good and you are benefiting our cause. However, when you squeal your tires, speed or otherwise show disregard for the law and other drivers, the impression is bad. We all suffer from it.

Please make a good impression always!

Sportsmen All!

You can talk up our clubs and activities, point out that we are an organized group of motor sport enthusiasts, participating in and enjoying our sport just as fishermen, hunters, and others enjoy theirs.

Emphasize by word and deed that we are not just a group of public highway drag racers.

Last, but not least, whenever you hear a report such as the one concerning the VW the other night, call the station concerned and politely point out the discrepancies in the report. Don't argue, just bring it to attention.

If enough of us do this, sooner or later, we will be able to convert these people. The same applies to any article in a newspaper or magazine. Write and ask that an attempt to be a little more accurate be made in reporting.

We have been very fortunate here in Huntsville as far as the paper is concerned. It is generally very factual in stories. However, there are many papers throughout the country that are not. We are the only ones who

HQ, UTC Remains Unbeaten in Baseball Games

In the opening game of the double elimination baseball tournament at Linton Field Monday, the 291st MP's downed AOMSA by a score of 7-3.

The following night, two games were played with Co. "B", OGMS, defeating Co. "A", OGMS by the score of 3-2. In the second game, Hq, UTC, came from behind two runs in the last of the seventh to edge the 291st MP's 3-2.

Wednesday night found Co. "A" handing AOMSA their second loss and eliminating them from the tournament by the score of 21-6. M/Sgt. Joseph McNutt pitched a no-hitter in the first game. He struck out eight men and walked five.

In the second game, Co. "B", OGMS, edged Hq, UTC, 7-6 to remain the only unbeaten team in the tournament.

BOWLING LEAGUE

A VFW mixed bowling league will hold an organizational meeting at 2:30 p.m. on Aug. 13 at the Gentry-Isom Post 2702 on North Memorial Parkway.

Both experienced and new bowlers are eligible. Information may be obtained from Alfred Leigh, 534-1884.

can correct this mis-conception. The burden of proof rests on our shoulders, so let us get behind our sport 100 percent and do all we can to educate the public about our sport, our cars and ourselves.

NOW!

A completely New kind of Portable...

\$109.95
Plus Taxes



the
New ROYAL FUTURA

- ★ Has years-ahead styling and construction!
- ★ Has ALL the practical convenience features of a standard office typewriter!
- TWIN-PAK® RIBBON CHANGER—Quick, easy—hands stay clean
- MAGIC® MARGIN—sets both margins instantly, automatically
- MAGIC® COLUMN SET—Just press a key to tabulate figures
- FULL STANDARD KEYBOARD—Same size as on office machines
- Plus many more exclusive Royal portable features! Come in and test-type it yourself—soon!

Monroe's

BUSINESS EQUIPMENT CO.

Jefferson Street — Downtown

PHONE 534-1624

Open 8 to 5:30 Daily — Free Parking Tickets

TAYLOR'S BARBER SHOP

Now Located Behind Piggly Wiggly on Seminole Drive

HAIR CUTS \$1.00
FLAT TOPS \$1.25

JAMES TAYLOR	JAMES L. SARGENT
W. J. WALKER	(Was Located Near Hospital)
	MALCOLM MILLER

Open 8 a.m. to 7 p.m. — Mon.-Sat.

LOANS

\$325 TO \$1500

To Consolidate Bills — To Repair House
For Other Purposes

PHONE 536-9675

For Your Money TODAY!

G.F.C. CREDIT CORP.

218 Holmes Ave., N.E. Times Bldg.

LOOK!

YOUNG'S ECON-O-WASH

Is Air Conditioned!

"Do all the family wash in air-condition comfort."

— Located —

Pulaski Pike at
Oakwood Ave., N.W.



MISS MILLA McCORD of Guntersville will be a contestant in the annual "Miss Guntersville Lake" Beauty Pageant to be held August 25 and 26 at Guntersville in connection with the 22nd Annual Boat Race Festival. Some of the most beautiful girls in the Redstone Arsenal area will be grouped here during this event. (Photo by Leon Studio)

Huntsville Plans New Sports Stadium

ball stadium in Huntsville, the Huntsville-Madison County Chamber of Commerce under request by the City Board of Education, is sponsoring a fund-raising campaign called "Operation Stadium."

To assist with this community endeavor, Army employees are requested to support and cooperate in the project.

Under the plan, five year tickets entitling holders to see all Huntsville, Butler and Lee High School home games will be sold at \$100 each. The tickets will cover approximately 70 games beginning in September, 1962, and will be for reserved seats between the 40 yard lines on each side.

Tickets will go on sale in the middle of August and 2,000 will be sold on a first come, first served basis.

Purchasers will be required to sign a subscription card and pay either the full amount or make monthly arrangements extended over eight months. They will be given the opportunity to repurchase the same reserved seats for an additional five years after the first five years expire.

The new concrete stadium is to be built so that it can be expanded to 40,000 seats in keeping with population growth. All 2,000 tickets must be sold in order to proceed with the project.

Douglas Rav, president of the Chamber of Commerce, heads the campaign's executive committee. J. Randolph Hedrick is campaign director and James D. Thornton is chairman of the operation's committee.

Milton Frank, Jr., general chairman for the sale, is assisted by Walter V. Linde, chairman of special sales, and Thomas H. Summers, chairman of general sales.

A publicity committee is headed by James R. Record, a speaker's bureau by Jack Giles, an accounting committee by Lennie E. Taylor and a seats reservation committee by George R. Lilly.

Zeus Team Loses At Soccer

Military and contractor personnel who man the U. S. Army's Nike Zeus radar test station on Ascension Island lost a soccer game to British Island residents recently despite the cheers of their mascot donkey.

The Nike Zeus team came out on the short end of a 4-1 score. Bruises and leg cramps were about evenly divided among the contestants.

Nike Zeus booters, however, had the best dressed mascot. Their two-month old white donkey appeared complete in a blanket lettered "Nike Zeus-Western Electric Company."

Army and contractor personnel on the island in the mid-South Atlantic operate the Nike Zeus target track radar installed there to track down intercontinental ballistic missiles fired down the Atlantic Missile Range from Cape Canaveral, Fla.

The Army Rocket and Guided Missile Agency is the Army's technical supervisor for Nike Zeus development. Western Electric is

Mrs. E. W. Powell, and a three-way tie among Mrs. Levaas, Mrs. N. I. Reiter and Mrs. George Grace.

The Junior group began qualifying rounds for the tournament to end Saturday, Aug. 19.

Double Eliminations Played in Softball

The double elimination softball tournament has but three teams left: Co. "A", OGMS; 866th AF Det.; and Hq. AOMSA. Each team has been beaten once.

Monday night Co. "A" and AOMSA meet with the winner playing against the 866th AF on Tuesday night.

Wednesday night Co. "A" surprised a strong Hq. UTC team by eliminating them from the tournament by the score of 7-6.

In the second game played, the 866th AF Det. rallied after trailing 10-6 and defeated AOMS 11-10, picking up six runs in the sixth and one more in the seventh.

Thursday evening the play continued as Co. "A", OGMS downed the 291st MP Co. 13-3 and eliminated them from the tournament.

Co. "A" played Hq. UTC in the second game of the evening and was edged out 2-1 in the ninth inning. The winning run was scored in the last of the ninth, when A-1c Gerald Staudt squeezed bunted SP4 Phil Saraceno in from third.

The winning pitcher, A-1c Staudt allowed six hits and struck out 13 batters.

Losing pitcher SP5 Jim Ramsdell, allowed only 3 hits and he, too, struck out 13 batters.

Friday night Co. "B" defends their unbeaten record in tournament play against once beaten Hq. UTC.

the prime contractor. Captain James R. Hillborn is ARGMA's representative on the island.

NEED MONEY? LOANS \$25.00 to \$300.00

UNDER STATE SUPERVISION
SIGNATURE — FURNITURE — AUTOMOBILE

PAYMENT SCHEDULE

*Cash Received	18 Mo. Payments	*Cash Received	24 Mo. Payments
\$110.03	\$ 8.00	\$135.48	\$ 8.00
206.36	15.00	203.26	12.00
248.80	18.00	256.06	15.00
300.00	21.54	300.00	17.42

*Insurance Not Included



BUDGET CO.
OPEN MON. & FRIDAY
TIL 7:00 P.M.

106 S. Washington — Phone 539-6566

Mrs. Crane Wins Golf Competition

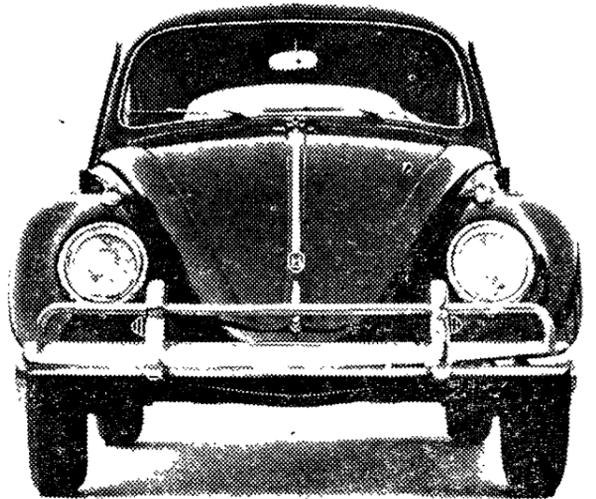
Competition among the Golf Group sponsored by the Redstone Arsenal Officers Wives Club last Wednesday drew 24 golfers to the Arsenal Golf Course.

Winners were Mrs. Glenn Crane.

WRECKER SERVICE

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

Hill Chevrolet Company



\$1,595

What's the catch? There isn't any. \$1,595 is the suggested price at the port of entry for the Volkswagen Sedan.

The price includes Federal excise tax and import duty. It includes the built-in heater/defroster, windshield washer, electric windshield wipers and dual padded sun visors.

What else do you have to pay? Only the charge for transporting the car from the port of entry: \$54.72. And local sales tax.

There is one optional that makes a lot of sense: the matching leatherette upholstery, for \$30.00 extra. Nearly everyone orders it because it eliminates the need for slip covers.

And that's it.

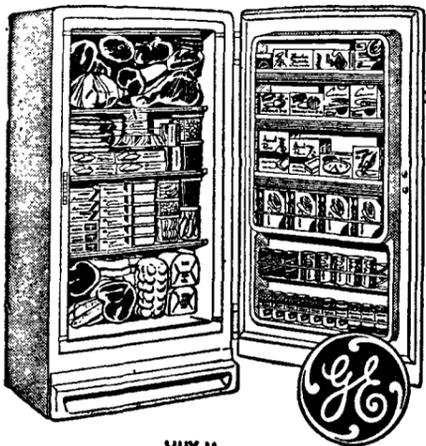
(Unless you count the cost of gas and oil it takes you to get here in your present car.)



DICK COFFEY INC.

No. Memorial Parkway Phone 539-7456
Service Dept. open Mon. & Thurs. Evening 'til 10 p.m.
Sales Dept. open each evening 'til 8 p.m.

SEASON'S BEST CATCH!



HUX-11

LOWEST PRICE EVER!

G-E FOOD FREEZER

Puts food within easy reach.
Takes no more floor space than refrigerator

- Big 395-lb. Capacity
- 9-Position Temperature Selector...0° to -10°
- Four Fast Freezing Surfaces
- Food Spoilage Warranty

\$198⁸⁸

YOU'RE Worry-Free WHEN YOU BUY G-E!

MILLER Appliance and Furniture Co.

113 W. Clinton — Downtown Huntsville — Phone 536-1882



THIOLKOL SAFETY CONTEST— Thiokol's latest Safety Incentive Contest featured the subject of vacation accident prevention. This emphasis was in conjunction with the Accident Prevention Program stressing outdoor sports safety. The contest was in the form of a Limerick for employes to complete the last line. The limerick was as follows:

"There once was a guy named Lou,
He went on vacation as most folks do;
But alas and alack,
Lou didn't come back
....."

First place ten silver dollars, Don McNabb, Propellant and Process Development Department "An Accident with his unface acts was overdue"; Second place, five silver dollars, Marie Grabias, Chemistry Department, "To leave safe habits behind will not do"; and third place, three silver dollars, Tom Pace, Engineering Department, for his finishing line, "A foolish risk caused his adieu"; Tom Gooch, Safety Engineer, is the photographer. Thiokol conducts a similar contest each month.

Electrical Generator Enables Radar to Pinpoint a Target

A new electrical power generator which enables radar to pinpoint targets more precisely has been developed for the Advanced Research Projects Agency under Army supervision and will soon be in operation.

The generator eliminates electrical voltage variations which often show up as false readings on radar screens.

Officials of the Army Rocket and Guided Missile Agency described development of the generator as a breakthrough in the field of electrical power. The new power unit was developed by ALCO Products Company of Auburn, N. Y., and Westinghouse without government subsidy saving taxpayers an estimated \$500,000.

The generator was developed to meet requirements of the Advanced Projects Agency's Project Press. PRESS is part of ARPA's Project DEFENDER, concerned with advanced research in the ballistic missile defense field. The generator will be used to power the advanced TRADEX radar to be installed this summer on the island of Roi Namur in the Pacific to observe intercontinental ballistic missiles fired from California as targets for the Army's Nike Zeus anti-missile missile system test complex on nearby Kwajalein Island.

Specifications for the power generator were drawn by Daniel C. Link, Jr. a missile development control engineer at the Army Rocket and Guided Missile Agency. Link is assigned to both ARPA's Project PRESS and to ARGMA's Nike Zeus anti-missile missile system development program.

Link said the 1,500 kilowatt generator provided heretofore unmatched precision in the control of electric power fluctuation. It is cheaper, lighter and more easily built than comparable power systems presently available.

Precision of the new unit is ten times greater than that of comparable power generating equipment.

In one of a series of tests recently, a penny was stood on edge on an engine mount. The coin remained upright while the

diesel ran full speed. The new generating equipment can be produced at a much cheaper per kilowatt cost. Generators of similar application costs

about \$320 per kilowatt of power. The new generating equipment cost about \$129 per kilowatt of power.

ALCO and Westinghouse were awarded a contract for \$1,467,115 to provide seven of the new units for Project PRESS. They already are coming off the production line.

FEDDERS

ROOM AIR CONDITIONERS 1-1½ or 2 H.P.

Call Us For Free Estimates

HUNTSVILLE ROOFING COMPANY

2511 Triana Blvd., SW Ph. 534-7366



We Feature

BROASTED CHICKEN

With Salad — F. F. Potatoes — Hot Buttered Rolls

½ CHICKEN 99c

Try Our

PURE MEAT HAMBURGER STEAK

With Salad — F. F. Potatoes — Hot Buttered Rolls

85c

VEAL CUTLET

Fried Golden Brown, Salad, F. F. Potatoes and Hot Buttered Rolls.

85c

Try Our

SPECIAL CHUCK WAGON STEAK

With Salad — F. F. Potatoes — Hot Buttered Rolls

85c

With Salad — F. F. Potatoes — Hot Buttered Rolls

HICKORY SMOKED BAR-B-Q PLATE

With Cole Slaw, Potato Chips or F. F. Potatoes

1.25

Childs 'Plate' **95c**

Phone In Order Ahead To Be Ready When You Arrive

Our Own Bar-B-Q to Go

Pork, lb. \$1.75

Beef, lb. \$2.00

Chicken, (Whole) \$1.25

Bucket of CHICKEN

\$1.99 Per Bucket

Will Serve 6 People

French Fries, lb. 80c

Slaw, Pt. 35c

Pick Up at Rear Drive Window

SNO-WITE Drive Inn

Whitesburg Drive

Open 24 Hours — 7 Days a Week

LOANS

UP TO \$2000

To pay old bills, for home improvements, car repairs, for all seasonal expenses! Just tell us how much you need!

TAKE 24 MONTHS TO REPAY!

Cash You Receive	24 Monthly Payments	Cash You Receive	24 Monthly Payments
\$408.57	\$20	\$ 945.71	\$46
570.00	28	1117.13	54
650.71	32	1717.13	82

MUTUAL

INDUSTRIAL FINANCE CORPORATION of Huntsville

106 South Side Square 536-8591

Other MUTUAL Offices

IN FLORENCE • 113 East Tennessee Street ATwater 2-9271
IN DECATUR • 121 East Moulton Street ELgin 3-4413

Pertains to loans above \$300



CASH and CARRY!

Barbecues are even more fun when clothes look right

Enjoy summer's outings knowing you're at your well-groomed, best. Bring your playtime togs to us before and after the barbecue, or any fun time for our thorough cleaning.

1 Day Dry Cleaning Service!

NU-KLEEN Cleaners

— THREE LOCATIONS TO SERVE YOU —

301 JORDAN LANE

PEARSALL SHOPPING CENTER

FIVE POINTS SHOPPING CENTER



Help Your Child to Success With PROVIDENT'S EDUCATIONAL PLAN

For Full Details Call or See

JESSE ANDERSON
General Agent

Provident Life and Accident Insurance Co.
Phone JE 4-7651

THE JEWEL SHOP

"The Home of Diamond Values"

IN CUPID'S CORNER
DIAMONDS
WATCHES
JEWELRY
GIFTS

FOR ALL OCCASIONS!

EXPERT WATCH AND JEWELRY REPAIR

We Invite Your Account Lyric Theatre Bldg. Huntsville, Ala.



FEEL SECURE—Don't leave any loose appendages or unsecured items available for saboteurs or questionable characters to acquire after you join your car pool for the homeward journey.

Good Things Come In Small Packages

Good things come in small packages. Sound familiar? Of course the package's contents does not directly relate itself to the gift idea, but in many aspects there are certain ramifications that a gift provides the U. S. Army through microfilming. Although microfilming is not new at the U. S. Army Rocket

and Guided Missile Agency, (it was first started in early 1957) there continue to be many gifts from this process to the Army. Certainly, one of the most important gifts of microfilming is space-saving preservation of documents.

Take the common example of losing your wallet. Not a very pleasant thought but a common every day occurrence. Like most persons the wallet is the connecting link with records that are needed in your daily operations. Your drivers license, car registration, social security card, etc., and money are things that you need in order to function smoothly . . . your own daily records section.

But stop and think about the multiplication of records, drawings and specifications that are needed for efficient missile engineering. Currently, the engineering documents section of ARGMA's Industrial Operations has an active file of 1,200,000 drawings and documents. In addition there are 2,000,000 drawings and documents, all on card-mounted microfilm, in the historic file.

ARGMA, like any other large business, requires daily use of these records to fulfill its Army mission. However, unlike any other business, ARGMA deals in a product that is relatively new . . . guided missiles. Since the field is young, great effort must be taken in preserving records, not only for day-to-day operations but for future advancement.

The Army Rocket and Guided Missile Agency, realizing the importance of the storage of guided missile information, has taken the

approach that microfilming is a solution to many woes.

Utilizing the many benefits of microfilming, ARGMA has been able to preserve irreplaceable guided missile records on microfilm.

To illustrate the space savings aspects of microfilm, take a common piece of office equipment, the filing cabinet. The average map file cabinet holds close to 4,000 sheets of paper or drawings. These records make the filing cabinet a very important container.

Even though most people recognize the importance of the file cabinet, it is susceptible to many hazards, including loss by fire.

However, these same 4,000 sheets, taking up 375 square feet of floor space, can be placed in two Punch Card Accounting Machine filing drawers of aperture cards, taking up four feet of space.

These aperture cards of important records, stored in fire-proof and pilferage-proof rooms, become the link necessary to carry on in case of accident.

The final factor that emphasizes the importance of microfilming is the time saved when looking for something. Think how long it would take to thumb through 2,

OFFICERS PROMOTED

Capt. Warfield M. Lewis recently received his promotion from first lieutenant. Capt. Lewis is projects officer in Weapons Systems Office (Pershing) in Control.

Jerome G. Jungels as recently promoted from second lieutenant. Lt. Jungels is projects officer in R&D's Systems Design & Development Lab.

500 pages This material can be reviewed on film in a fraction of this time.

- Camping Equipment
- Jungle Hammocks
- Foam Rubber
- Foot Lockers

ARMY - NAVY SURPLUS CO.

112 S. SIDE SQUARE
Phone 534-6991
Open All Day Wednesday and
Til Late Thursday Night

DRINK MORE . . .



AMERICA'S PREMIUM QUALITY BEER

Distributed By
TURNER BEVERAGE CO.
Huntsville, Alabama

HOME OF THE CLEANEST USED CARS IN TOWN

— NO MONEY DOWN —

1959 FORD COUNTRY SEDAN Station Wagon V8, auto., radio, heater, white tires, black with red and white interior.

1958 THUNDERBIRD Radio, heater, Cruise-O-Matic Trans., Power Steering and Brakes, White Tires, White exterior with Blue & White Interior.

1959 CHEVY IMPALA Convertible Cpe., Radio, heater, power steering & brakes, white tires, white with blue interior.

1958 CADILLAC Sedan DeVille, full power, factory air condition, white tires.

1958 FORD 6 Cyl., straight stick, radio & heater, overseas special.

1958 CHEVY BEL-AIR 4-Dr. Hardtop, 250 motor, powerglide, power steering and brakes, white tires, blue and white finish.

1959 FORD THUNDERBIRD Convertible, power steering & brakes, radio, heater, new white Firestone tires, white with red leather interior.

1955 FORD 1/2 TON PICKUP Local one owner V8. Original paint and service policy.

1960 FORD THUNDERBIRD Radio, heater, Cruis-O-Matic trans., power steering, and brakes, white tires. This car like new.

1959 FORD GALAXIE Convertible, radio, heater, power steering, Cruis-O-Matic, V8 —Green with white top.

2 — 1960 CHEVY IMPALAS Sports sedans, 8,000 miles, V8, auto., radio, heater, white tires. One red and white and one white with turquoise interior.

1959 CHEVY BEL AIR 4-Door, V8, auto., radio, heater, power steering. Extra clean.

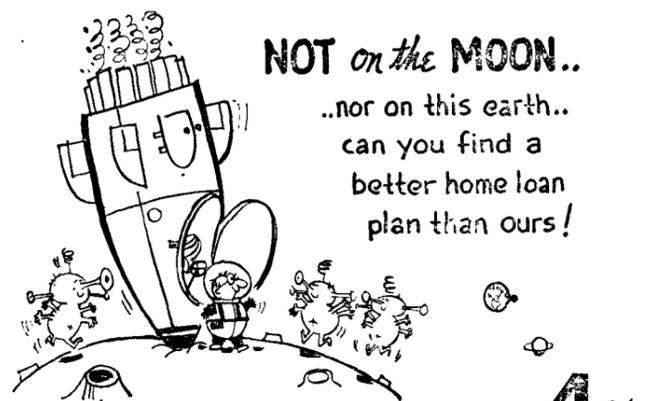
This is only a small part of our huge stock of cars. You must see our clean cars to appreciate them.

MERIDIAN STREET MOTORS

BUDDY COLE
1011 Meridian Street

HOUSTON JOHNSON
Phone 539-0626

"Next to American Discount Co"



Call us, or come in, for full **4%** information on our monthly-payment **HOME LOANS**

WATCH FOR TIME AND TEMPERATURE

☆☆☆

101 N. SIDE COURTHOUSE SQUARE

DIAL JE 9-8421



MISS ELEANOR HACKER, Engineering Division, Post Engineer, receives the Outstanding Worker of the Month Award from Supervisor Tom Hood. The award is presented to the person noted by superiors for performance, cooperation and workmanship in the Post Engineer.

M/Sgt. Geo. W. Eilers (Ret.)
Lane Plaza Building
250 Governors Drive, S.E.
Huntsville
Representing
NEW YORK LIFE
INSURANCE COMPANY
• Life Insurance • Group Insurance
• Accident and Sickness Insurance
• Pension Plans • Annuities
Res. 534-6220
Bus. 536-6301

DURING WORLD WAR II, the Army's Ordnance Corps provided the U. S. Army and 43 allied nations 57 billion rounds of small arms ammunition, 11 million tons of artillery ammunition, 12 million rifles and carbines, 3½ million military vehicles and hundreds of other items.

ONE FOR THE ROAD — You be the brakeman at the railroad crossing.

Col. Redmon Now Represents Army At Point Mugu

PT. MUGU, CALIF. — Col. John G. Redmon, U. S. Army, has relieved Col. Bernard R. Luczak, U. S. Army, as Deputy Commander, Army, at Pacific Missile Range Headquarters, Aug. 2.

As Deputy Commander, Army, Col. Redmon is the senior Army officer assigned to the Pacific Missile Range and will be responsible for conducting tests of Army Missiles on the Pacific Missile Range.

Col. Redmon, a 1941 graduate of the U. S. Military Academy, came to Pt. Mugu from studies at the Industrial College of the Armed Forces at Ft. McNair, Washington, D. C. Col. Luczak, who has been at Pt. Mugu since July of 1958, is leaving to study at the National War College, also at Ft. McNair.

Col. Redmon brings to his new post a wide background of experience in the ordnance and guided missile field. He was doing research in guided missiles as early as 1946—at a time when these weapons were in the Kitty Hawk stage—as assistant chief of the Rocket and Guided Missile Branch of the research and Development Division in the Office of the Ordnance, U. S. Army.

Upon completion of this tour of duty in 1948, he was a student at the Massachusetts Institute of Technology and earned a master's degree in mechanical engineering.

More recently he has been Chief of the Ordnance Mission at the White Sands Missile Range, N. M.; Ordnance Representative to the Canadian Army and Assistant Director of Production at the Watertown Arsenal, in Massachusetts.

During World War II he participated in the campaigns in the Solomons and Philippines as an operations officer with the 13th Anti-Aircraft Artillery Group.

Col. Redmon is married to the former Marjorie Mulleady of Trenton, N. J. They have three children. The family lives in quarters at Pt. Mugu.

ROCKET KINDERGARTEN

Mrs. James Black will accept registrations for the Rocket Kindergarten in Bldg. T-3173 on Aug. 16 at 7 p.m.

Children of military personnel between ages four and one-half to six are eligible.

U. S. TIRE SERVICE

For
U. S. TIRES
And
Fully Guaranteed
COMPLETE RECAPPING
SERVICE

Located Across From Butler High School
DIAL 534-5312

Movie Schedule

Wed., Aug. 9 — "Portrait of a Mobster" (M) starring Vic Morrow and Leslie Parrish. Time 1800 and 2030 hours.

Thursday-Friday, Aug. 10-11 — "The Honeymoon Machine" (F) starring Steve McQueen and Paula Prentiss. Time 1800 and 2030 hours.

Saturday, Aug. 12, "Joe Butterfly" (F) starring Audie Murphy and George Nader. Time 1800 and 2030 hours. SPECIAL MATINEE:

Phone Numbers
No office phone numbers will be accepted for inclusion in advertisements in The Redstone Rocket from this date onward.

1000 hours.
Sunday-Monday, Aug. 13-14, "Tammy Tell Me True" (F) starring Sandra Dee and John Gavin. Time Sunday 1400, 1800 and 2030 hours. Time Monday 1800 and 2030 hours.

Tuesday, Aug. 15, "A Raisin in the Sun" (M) starring Sidney Poitier and Claudia McNeil. Time 1800 and 2030 hours.

CASH LOANS

\$25.00 to \$300.00
ON YOUR SIGNATURE & ARRANGED BY PHONE
QUICK CONVENIENT

JUST DIAL . . .
539-3791
Tell Us How Much
You Want. Pick Up
The Cash at Your
Convenience.

24-Month Payment Plan		
Cash You Get W/O Insurance	24 Mo. Pmts.	Cash You Get With Insurance
\$101.62	\$ 6.00	\$100.10
169.36	10.00	166.82
238.21	14.00	234.64
300.00	17.42	295.50

Above payments include interest.
Other amounts at comparable rates.
15-, 18-, and 21-month plans also available.

DIAL Finance Company

226 E. Holmes Avenue, Huntsville

MOVING

ROCKET CITY MOVING AND RENTAL SERVICE

HERTZ Rent A Truck Licensee

Phone 539-1742 2117 Holmes Ave., N.W.

Complete packing service. Clean, safe modern storage. Expert movers. Bonded and insured warehouses. Fast, dependable service in or out. Local and long-distance moving. Ask for Free estimate.

AGENT **Allied Van Lines**
WORLD'S LARGEST MOVER

SAVE ON THESE APPLIANCES AT **SEARS**
Ask For A. J. Guntherberg
Appointments Day or Night
PHONE 536-0430

20.5 Ft. Upright
FREEZER \$284.00
Complete Price - Delivered & Installed
CLOSE-OUT

8 Cycle - 2 Speed Kenmore
WASHER \$215.75
Complete Price - Delivered & Installed
Close Out Prices On All Sizes Room
Air Conditioners Now In Effect — Ask
For A. J. For Prices!



THEY ARE IN!
California
Artist
CHRISTMAS
CARDS
Exclusive At
THE BOOK SHOP
Russel Erskine Bldg.
Downtown - Huntsville



SELECT YOURS NOW FROM A MOST UNUSUAL SELECTION

10% DISCOUNT
THROUGH AUGUST

- OPEN 9 A.M. TO 9 P.M. DAILY
- FREE PARKING

CHEVROLETS NEEDED

We Are Out Of '56, '57, '58 AND '59 Model Chevrolet Cars And Pickups.

WE GIVE AN EXTRA ALLOWANCE ON THESE MODELS IN TRADE OR WILL PAY CASH FOR CLEAN ONES

COME IN AND LET'S TALK IT OVER!

HILL

CHEVROLET CO.

"YOUR SATISFACTION IS OUR BUSINESS"

220 N. Greene St. and 519 N. Meridian St. Phone 539-6541

**WE
ARE**

Going out of Business

YES RAY AUTO CO. HAS SOLD

THEIR FORD DEALERSHIP. WE HAVE UNTIL AUG. 15 TO MOVE OUR ENTIRE STOCK OF NEW AND USED CARS... NOW IS THE TIME TO BUY BELOW WHOLESALE.



CUT PRICES ON NEW CARS

NEW 1961 FALCON

\$1835

**NEW 1961 FORD
FAIRLANE TUDOR**

\$1995

Used Cars Were Never Priced This Low.

1960 SIMCA 4 Door, Heater, Nice	\$795
1960 PLY. 4 Door Savoy, Heater 14,000 Miles	\$1495
1960 FORD Starliner, 2 Dr. Hardtop, 300 HP Motor, Power Steering, Radio & Heater	\$1695
1960 FORD, 4 Door Galaxie, Full Power Ford Air, Nice	\$2095.00
1960 FAIRLANE, 2 Door, "6" Air Condition, White Tires	\$1495
1960 FORD Galaxie, 4 Door, 300 HP Motor, Power Steering, Radio And Heater	\$1995.00
1960 FORD Galaxie, Fully Equipped With Power Steering	\$1895
1959 CHEVY Bel-Air, V8, Auto., Radio & Heater	\$1495.00
1959 FORD Fairlane 500, 4 Door 300 H.P. Engine, Radio, Heater, Power Steering, Factory Air	\$1645
1959 GALAXIE, 4 Dr., Radio, Heater, White Tires	\$1495.00
1959 CHEVY Bel-Air, 6 Cyl., Radio & Heater	\$1195.00
1959 PLY., 2 Door, Radio, Heater, White Tires, Nice	\$1195
1959 FORD, 4 Door 500, Radio, Heater, Auto.	\$1295.00
3 - 1959 FORDS, Extra Specials	\$1000 Each
1958 RENAULT, 4 Door, Heater	\$395
1958 FORD, 2 Dr., 6, Radio, Heater	\$775.00
1958 FORD, 4 Door 500, Hardtop, Radio, Heater, Power Steering And Brakes, White Tires, A Buy At	\$895
2 - 1958 PLY., 4 Dr., Radio & Heater	\$695.00
2 - 1957 FORD Custom 300, Radio & Heater	\$695.00
1957 FORD Fairlane, 4 Dr., V8, Radio, & Heater	\$795.00
1957 BUICK, 2 Door V8, Radio, Heater, Auto.	\$795.00
1957 OLDS, 4 Door, Radio, Heater, Auto	\$795
4 - 1957 FORD Cust 300, 2 Drs.	\$645
3 - 1957 DODGES, (1) 2 Door - (1) Hardtop - (1) Station Wagon	\$795
1956 FORD Victoria, 2 Dr. Hardtop, Radio, Heater, Power Steering And Brakes	\$645
1956 CHEVY 4 Dr., Hardtop, V8 Radio, Heater, White Tires	\$595.00
1956 MERCURY 4 Dr., Radio, Heater, Auto	\$395.00
1955 PLY. 4 Dr., Radio, Heater, Stock No. 474	\$248.00
1955 PONTIAC Stock No. 425	\$200
9 - 1955 FORDS, From	\$250 To \$495
1955 CHEVY 4 Dr., Radio, Heater	\$395.00
1954 FORD Stock No. 339	\$195.00
7 - 1954 FORD And Other Models To Choose From.	

TRUCKS

1950 FORD 1/2 Ton Pickup	\$175.00
1958 FORD 3/4 Ton With Utility Body	\$895.00
1960 FORD 2 Door Ranchero, 4 New Tires, Sharp	\$1395.00
1955 DODGE 1/2 Ton Pickup V8 with Heater	\$545.00
1956 CHEVY 2 Ton, 192" Wheel Base With New Motor	\$945.00
1958 FORD 1/2 Ton Pickup, Heater And New Paint	\$895.00
1956 CHEVY 1/2 Ton Pickup, Heater, Nice	\$595.00
1955 INTERNATIONAL 1 1/2 Ton, 4 New Tires, Good Truck	\$595.00
1948 INTERNATIONAL 2 Ton Truck	\$175.00
1959 FORD F 600, Heavy Duty Tractor, 5th Wheel Trailer Connector, Heater 5 Speed Forward Trans. Ready	\$1995
1953 DODGE 1/2 Ton Pickup With Southern Bell Pickup	\$395.00

RAY AUTO CO., INC.

OPEN EVENINGS FOR THIS SALE

612-616 MERIDIAN ST.

PHONE 534-5614

Use Wantads

WANT AD RATES — \$1.50 minimum, per weekly insertion, covering first 25 words. 4 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. Zillah Heath, P. O. Box 346, Room 217 Times Bldg., Huntsville. Deadline is Monday, 9 a. m. for the week's edition.

MODERN HEALTH Club Services — Central YMCA, 203 South Green St. is offering massages, turkish baths, electric heat cabinets, ultra-violet and infra-red lamps, diathermy sun lamp, swimming pool. Graduate Massuer in charge. Phone 534-2444. tfc

CASH! FOR YOUR CAR — We need all makes and models. We will pay you more. We buy and sell imports, too. Texas Auto Sales, phone JE 6-6121 tfc

WHY PAY RENT? Live in a modern duplex home while your neighbor pays all expenses. Call NOW . . . 534-2652. tfc

ROOMS FOR RENT—Single and double for men with good habits, completely and newly decorated, economically priced. Central Y. M. C. A. Dial JE 4-6452. tfc

FOR RENT — 1 story brick apartment building, ready for occupancy soon, 1 & 2 bedrooms, extra nicely furnished, phone 534-6990. tfc

AUTO
POST LIABILITY INSURANCE
 \$5/10 Bodily Injury
 \$5000 Property
 Damage
\$10.00 year
C. J. WAITE
 INSURANCE AGENCY
 518 Madison St.
 PHONE 536-9641

1956 SOUTH WESTERN House Trailer 26'x8' 1 bedroom \$1295 cash or terms phone 539-0446. tfc

FOR SALE — 1 large waterfront lot on Pine Island Point. Phone 534-5697 or 534-9311. tfc

ABS SECRETARIAL SERVICE, 408 Clinton Avenue, W., Huntsville, Ala. Phone 534-6451, CALL US FOR: Photocopying, mimeographing, transcribing (Dictaphone), telephone answering. Employment applications prepared (Government and other). Notary Public. (Our office or yours). tfc

CALL HUNTSVILLE WINDOW CLEANING SERVICE for free estimates on commercial and residential cleaning. We scrape paint, wash windows, wash walls, and woodwork, clean & wax floors. Phone 534-3795. tfc

WANTED — Lady or reliable couple without children, to share home with working middle aged lady. Air cond., T.V., in Arab. Days JU 65635; Night JU 6-3361. Mrs. Fred Carns, Carns Market. 8-9p

WE BUY AND SELL clean used house trailers. "We pay top money." R&R Motor Company. Phone 539-0446. tfc

TRAILER SPACE FOR RENT \$22- 50 per month, Mountain View Trailer Court on Slaughter Rd., Madison Rt. 2, 5 miles from Gate 9, six miles from city. Pho. 536-0003 or 536-4004. tfc

FOR SALE — 46' Great Lakes house trailer. Also 42'x10' 2 BR Liberty. Cash or terms. Phone 539-0446. tfc

NEW FALL SHOES — At Bargain Shoe Center & Standard Service Station, Joppa, Ala., Highway 69, 4 miles west of Arab. First quality. Low prices. Owner, Mrs. Eurilla Woods. 8-9p

FOR SALE — Furnished shell home, 3 bedrooms, kitchen, separate dining area, on ¼ acre lot, good insulation, electric heat, electric pump, phone 539-4436. tfc

AUTO TIRES TRUCK
 Up To 65% Off Mfgs. List
NORTH ALA. PRODUCTS
 2203 Meridian St.
 4 to 8 p.m. — JE 4-0439

FOR SALE — 3 bedroom house with carport, ½ acre land, 3 miles east of Taft, Tenn., and Fayetteville S. Ardmore Hgw., 18 miles from Huntsville, 12 miles from Fayetteville, Tenn., price \$8,750.00 cash. Phone HA-5-6391 in Fayetteville. 8-9p

FOR SALE ON GUNTERSVILLE LAKE — New 2 bedroom cottage, lonely wooded lake front lot. Never occupied, water system (well and pump) installed. Located approx. 3 miles South of Warrenton Shores in Sherwood Forest. Priced \$12,000.00. NAME OF PLACE: "Point of Pines." Shown by appointment, Huntsville 534-6922. Owner Dr. Ellis F. Porch. 8-9c

SPECIAL LIQUIDATION SALE— at 133 Second Ave., Decatur, Ala., across from Princess Theatre. One of the largest stocks of furniture and appliances ever assembled in North Alabama. Special appointed liquidators on duty 6 days a week from 6 p.m. to 10 p.m. only. All merchandise sold at major dealer cost since these large stocks were turned over to the auction company for immediate disposal. Easy pay plan available. We guarantee you 50% savings on any purchase of furniture and appliances. Drive a few miles. save a few hundred dollars Public Auction Sales, ELgin 3-1033, Decatur, Ala. tfc

HOUSE FOR SALE — 3 bedroom brick, all modern, 4½% G. I. equity, payments \$77.75 per mo. includes taxes and insurance, balance \$10,633. See at 38¼ Price Road or phone 536-6301 before 5 p.m. or 539-1666 after 5 p.m. tfc

MUST SELL 1959 Chevy 4 Door Bel-Air, V-8, auto, radio, heater. Chevrolet air conditioner, only 30,000 miles, was asking \$1750 now asking \$1450. Phone 536-6121. tfc

FOR SALE — 14 ft. fiberglass yellowjacket, 1960 Evinrude 40 hp electric start, trailer, skis and accessories. \$1100. 877-4036 after 4:00 p.m. 1tp

GUNTERSVILLE LAKE WATERFRONT LOTS AT AUCTION AUGUST 17 AT 2 p.m. 7 excellent wooded waterfront lots with large lake frontage to be auctioned to highest bidder. Located 4 miles north of Guntersville just off highway 431. For further information see or call Hootie Woodall 582-4351. or Joe Starnes, Sr. 582-4111, Guntersville. 8-16c

SANDSTONE, MARBLE TOP TABLES, patios, walks, hearths installed. Colors pink, blue, bird-ize. Milford Cooper, Grant, Ala. 782-2213. tfc

TRY OUR Swedish massage for nervous tension, poor circulation, relaxation. Your success, looks and happiness depends on good health. Masseur with 13 years experience now with Quick's Beauty Salon, phone 534-4551. 8-16p

ROOMS FOR RENT — Single and double for men with good habits, completely and newly decorated, economically priced. Central Y. M. C. A. Dial 534-6452. tfc

1961 MGA radio, heater, WSW, 4700 miles, sell or trade. Phone 536-4778 after 4 p.m. 1tp

CASH! FOR YOUR CAR — we need all makes and models. We will pay you more. We buy and sell imports, too. Texas Auto Sales, phone 536-6121. tfc

FOR RENT — Modern 5 room house, 306 Guntersville Drive, Arab, Ala. Call Huntsville 536-4332. 1tp

FOR SALE: Lot, sloping, ideal for split level. Joins Monte Sano State Park and bridlepaths on Chickasaw. 173x200x290. Reduced price. 876-5761. 1tp

FOR SALE — 1955 Pontiac V-8, 4 dr. station wagon, hydromatic, radio, and heater, two-tone green, leatherette interior, tires like new. \$450.00. Call SP4 Teufert. 877-2027. 1tp

FOR SALE — Two beagle puppies, black, white and tan, 11 type, 2½ months old, subject to registration. \$20.00 each. Mr. Russell B. Gilbert, 801 Weatherly Road, S.E., Huntsville, Ala., Phone 536-5109. 1tp

FOR SALE — 1950 Jeep Station Wagon. Good condition. Radio, heater, overdrive, and snow-grip tires. Best reasonable offer. 1306 Ward Ave., Huntsville. 1tp

FOR SALE — \$1300 GI Equity (no closing costs) 3 bedroom brick, 1½ ceramic color-baths, copper-tone built-in kitchen appliances (complete), 1-ton air conditioner. \$103 monthly (includes taxes and insurance). Will consider 1 year lease with option. 1tp

4½% OWNERS SALE — E veneer home, 3 bedrooms (1 paneled), many extras. \$1750 equity. 2429 Crestwood Drive, S.W. Phone 539-4707. 1tp

FOR SALE — 1959 Owens 23 ft. cruiser, head, galley, sleeps 4, 220 hp. inboard, completely equipped. \$3500. 536-6833. 1tp

(Continued On Next Page)

AUCTION
GUNTERSVILLE LOTS
 In the city limits of Guntersville, Hwy. 79, B'ham Hwy. Thursday 2:00 p.m., August 10, 1961.
E. C. WHEELER AUCTION CO.
 and
ED NEELY REAL ESTATE
 Guntersville, Ala.

LOTS-LOTS-LOTS
FOR SALE
On Guntersville Lake
On Monte Sano
 • Shown By Appointment
 — PHONE —
 536 - 3113
 Or
 534 - 1451

IN
LAKESWOOD
 "A Planned Community of Over 600 Brick Homes"
BRICK HOMES
 2 and 3 Bedrooms with den, garage, hardwood floors, fully insulated. 52 gal. water heaters. Some almost ready to move in. \$15,250 to \$18,475. 100% GI loans. Small down payments on FHA. Shown anytime.
 Phone: Days 536-1554 - Nights 536-1659
LAKESWOOD
 REALTY, INC.
 3611 Memorial Parkway, North

IMMEDIATE POSSESSION
COUNTRY CLUB
ESTATES
 No down payment and no closing cost on VA loan. Minimum down on FHA.
\$16,000 — \$17,000
 — FEATURING —
 1½ or 2 Ceramic Baths, Built-in Range & Oven. Assorted Colored Brick. | Central Forced Air Heating, Carport or Garage. On City Sewer.
 3 Bedroom or 3 and Family Room
 — DIRECTIONS —
 Phone to see or drive west on Oakwood Ave. 3 blocks past Pulaski Pike and look for our sign on right.
 HOME PHONES:
 Joe Mathis 534-8987 — Noble Fowler 536-1867
 Clarence Thrasher 534-2326
HUNTER & MITCHELL
 Realtors — Phone 539-1759

Home Buyers
Tell Us They
SAVE
\$3000
 In First Cost And At Least \$400 In Closing Cost By Buying In Perfectly Located
SHERWOOD PARK
 100% GI Loans
 On Fine 4 Bedroom And Den Air Conditioned Homes. Small FHA Down Payments.
DRIVE OUT
 To 6200 — Madison Pike (Bob Wallace Ext.) (Just Outside Gate 9) And See For Yourself Or Phone 539-8481

FAGAN SPRINGS
— ESTATES —
 ☆ Huntsville's finest development and most exclusive neighborhood.
 ☆ Located in the South East within a few blocks of downtown Huntsville, yet Free from the heavy traffic.
 ☆ 3 & 4 Bedroom, Brick Veneer Homes.
 ☆ 2 & 3 Baths
 ☆ Built-in Kitchens
 ☆ Panelled Dens
 ☆ Double Garages or Double Carports
 ☆ Basements
 ☆ Priced \$20,000 to \$30,000
LANE and COMPANY
 Lane Plaza
 250 Governors Drive
 Office Phone 536-1594 Field Office Phone 539-0101

Wantads

Continued From Page 14)

FOR SALE — 3 bedroom frame house — 2613 Alabama Avenue, S.W., one block from Whitesburg Drive and bus line. Fifth Avenue School District. Available immediately. Call 536-1119. 1tp

REGISTERED BOXER, male, available for stud service. Phone 536-1754. 1tc

FOR SALE — '58 Ford Fairlane '500', 4 door, power steering, power brakes, radio, and heater, \$1095 or make offer. Phone 534-4698. 1tp

FOR SALE — 1961 Ford demonstrator has factory air conditioner, radio, heater, auto. trans. Must sell by 15th of August. Call Lewis Robinson 539-5777. 1uc

FOR SALE: Best buy of the year in vacation property, or could be used for year around occupancy, new 2-bedroom cottage, screened porch and sundeck, well located for fishing. Owner will sacrifice. Call Mrs. Johnson, 723-4161 or 723-4481, New Hope. 1tc

FOR SALE: 1955 Lincoln Capri hardtop, full power, new paint, reconditioned engine and transmission, good tires, \$550. Phone or write CH4-3871 Rogersville, Ala., Jimmy W. Cosby. 1tp

FOR SALE — 3 bedroom house 111 Crestline St. 1 block from school. Built in oven and range. Pine paneled kitchen, dining area and one bedroom. Air conditioned. Carpets in bedrooms. Large ceramic tile bath. Tornado fence around backyard and nice shade trees in front. F. H. A. loan. Priced to sell, \$12,250. Phone SP 3-39928. 8-15c

FOR SALE — Party barge, 8'x16' platform on two 21" pontoons, 30 h.p. electric motor. See at Madison Boat Docks or call 877-4066. 1tc

FOR SALE — 1951 English Ford, \$100, runs good, phone 877-4066. 1tc

FOR SALE — 1961 Dodge Dart station wagon, V-8, power steering, power brakes, automatic transmission, radio, heater, phone 536-6903 or see at 2116 Suzanne Terrace. 1tc

FOR SALE — Harley Davison 165, \$125.00, Alstate 10 h.p. \$100.00, both need minor repair, phone 536-8459 after 5 p.m. 1tp

LAWN MOWER, Bicycle, motor scooter, rotillers, appliance repair. Lane Bike Shop, 302 Dallas St., phone 534-9461. Lane Repair Shop, 501 Gallatin St., phone 534-6222. Mr. and Mrs. Charlie Lane, Jr., owners. 1tc

FOR SALE — 4 bedroom, 2 bath home, near grade school and high school, carport, fenced back yard, 4 window air conditioners stay with the house, 2400 sq. ft. of living area. Contact Chase Realty Co., phone 536-3286. 1tc

FOR RENT — Five room house, 306 Guntersville Road, Arab, Ala. Paved streets and sidewalks, near schools. Phone Huntsville 536-4332. 1tp

FOR SALE — 1955 Chrysler Imperial, full power accessories plus air conditioner. Excellent condition throughout Phone 534-8233 after 4 p.m. 1tp

ON GUNTERSVILLE LAKE — Desirable house trailer spaces for rent, at Honeycomb Boat Dock, by the year, month or week, located 25 miles south of Huntsville on Hgw. 431. 8-16c

Frank C. Gay Is Promoted

Frank C. Gay, son of Mr. Carleton O. Gay of 118 N. Carver St., Warren, Pa., has been promoted to the rank of lieutenant colonel in the U. S. Army at Redstone Arsenal.

Assistant to the Assistant Chief of Staff for Industrial Operations in the Army Ordnance Missile Commands, Lt. Col. Gay is being reassigned as a Senior Project Officer in the Control Office of the Army Ballistic Missile Agency.

Before coming to Redstone Arsenal, Lt. Col. Gay was assigned to the Allied Land Forces Central Europe from 1956-59.

A graduate of Ohio Wesleyan University in Delaware, O., he entered the Army in 1941.

He is married to the former Miss Mildred C. Nelson and they have two daughters, Leslie Diane, 12, and Laurie Ann, 4.

ONE ARMY FACT — The Army National Guard is in one sense older than the United States itself. Some of the present-day units trace their histories to the Colonial militia units formed more than 300 years ago.

FOR SALE — AKC reg. French Poodle puppies, black miniatures, phone 877-4347. 1tc

WANTED — 1 or 2 girls to share furnished apartment, reasonable and convenient to arsenal. Eloise Mitchell, 539-4517 after 4:15 p.m. 1tc

KINGSBERRY HOMES UNDER CONSTRUCTION

RODGERS DRIVE - OAK PARK

Price Range \$16,600 to \$16,750

100% GI LOANS OR MINIMUM DOWN FHA

DONALD JONES
Real Estate Agency
900 Bob Wallace Avenue, S.W.
539-4471

Large Helicopters Ordered by Army

Washington (AFPS) — Eighteen HC-1B Chinook helicopters have been ordered by the Army in the first quantity production of the large rotary wing aircraft, capable of transporting 33 soldiers. Delivery will begin in March, 1962.

Powered by twin turbine engines, the Chinook has a cargo capacity of three tons, a 130 knots cruising speed and a service ceiling of nearly 19,000 feet. Its flight range is 100 nautical miles.

Loading of the Chinook is via a rear cargo ramp which may be left partially or completely open or removed for flight. Six and one-half feet of headroom in the 30-foot long cargo compartment

allows space for large loads such as components of the Pershing missile system and various size military vehicles.

The \$25,357,544 contract for the 18 aircraft was awarded to Boeing's Vertol Division by the Air Materiel Command, Wright-Patterson AFB, Ohio, acting for the Army. The T-55-L-5 turbine engines are being obtained on a separate contract from the Lycoming Division of Avco Corp.

WORTH REPEATING: "The Soviet Union, as everybody who has the courage to face the facts knows, is run by a dictatorship as absolute as any other dictatorship in the world."—Franklin D. Roosevelt.

FREE \$100.00 JACKPOT DRAWING

Every Saturday At 4 P.M.

- Nothing To Buy — Your Presence Not Required To Win. Just Stop, Register and Pick Up Jackpot Card

PORK CHOPS First Cut, Lb. 39c
Center Cut, Lb. 49c

GODCHAUX
SUGAR 5 lb. bag 49c

COLORED NORTHERN
TISSUE 3 rolls 19c

HUNTS
PEACH HALVES no. 2 1/2 can 23c
SHOP

WIGGLY PIGGLY

Home Owned & Operated By
Homer Whitt



Located At Corner Of Seminole Drive
And Governors Drive



STOCK UP ON SUMMER NEEDS

FOR MORE FUN!

CROQUET SETS \$6.49 to \$14.25

HORSE SHOE SETS or SINGLE HORSE SHOES

ICE CHESTS \$4.98 to \$26.95

We Carry a Complete Line of Other Sporting Goods!

HUTCHENS

SINCE 1886

Phone 536-3311 Downtown — 534-6406 Parkway City

LOANS
Made to
MILITARY PERSONNEL
\$25 TO \$300

On Signature Only — or Other Plan. Fast, Courteous Service.

Examples of Repayments	
Cash	24-Mo. Payment
\$84.88	\$5.00
101.61	6.00
203.26	12.00
256.08	15.00
300.00	17.42

See or Phone the Friendly Office of
AETNA FINANCE
Company

224 E. Holmes — Huntsville, Ala.
Phone 539-5712



Allison & Bass Realty & Ins. Co.

Has the Home For Your Family

UNIVERSITY PARK

IN BEAUTIFUL HILLVIEW ACRES

3 & 4 Bedroom Bricks — 1 1/2 or 2 Ceramic Baths

Priced \$18,100 - \$20,000

G. I. No Down Payment—No Closing Minimum Down FHA

Some Ready for Immediate Occupancy

PARKVIEW ESTATES

3 Bedroom Bricks — 1 1/2 Ceramic Baths

G.I. \$50 Dn. \$100 on Closing — \$74.80 Per Mo. (Plus Taxes & Ins.)

Only \$13,550

50 HOMES UNDER CONSTRUCTION

PEARSALL GARDENS

3 Bedroom Bricks — \$15,000 to \$16,900. Under construction. Buy now—Select all colors including outside brick.

100% G.I. Min. Down F.H.A.

See Us Before You Buy

2006 OAKWOOD AVE, NE

PHONE 536-6696

Officers Due Retirement May Be Held on Duty

Washington (AFPS) — Further plans in the Army's program to bolster its forces were revealed when it was confirmed that Army officers slated for retirement at the 20 year mark may be held on active duty.

The action is one of many moves, most of which are as yet unannounced, in line with President Kennedy's Congressionally approved request for a "beefing up" of the Armed Forces.

The Army's plan, unfolding slowly, first boosted draft quotas to new highs and then stepped up activities at induction stations and recruiting offices.

The Army's official four steps in the buildup appeared to be:

1. reenlistments
2. enlistments
3. draft
4. selective reserve for National Guard limited call up.

No divisions are intended to be tapped in the call up at this time, a spokesman said.

No date for implementing the newly confirmed officer "freeze" that is now being considered has been approved.

Further, no decision on the number to be retained has been made nor the length of time they will be retained.

There are some 3,000 Army Officers at the 20 year retirement stage that could be affected by the "freeze" now under consideration.

Already some 38 officers who were slated for retirement on or after July 31, were extended for 30 to 60 days, with their consent pending further developments.

According to a spokesman, the Army's position is this: "If we have a major on active duty now and he is willing to extend beyond his 20 years, why turn him loose and call up a reservist to fill the slot?"

He added, however, that right now an Army officer has to prove why he should be retained, and that later it might develop that he has to prove why he should be allowed to retire.

He also said the Army has already decided to keep many reserve officers nearing retirement on active duty because of the need for critical specialists, their outstanding performance, and to preserve grade and strength structure within under strength branches.



ORBITAL MISS — Long-stemmed Jean Hale appears to be boarding a rocket for a trip to space. One thing seems certain, if this tantalizing lassie ever reached orbit, she'd rightfully be called a "heavenly body."

Gerard Graduates In Electronics

Phillip H. Garrard, research and development mechanical engineer at the Army Rocket and Guided Missile Agency, graduated recently from the Complex Vibration Practices Course of MB Electronics, in New Haven, Conn.

Garrard, a civilian employe at Redstone Arsenal since his graduation from Auburn University in March 1960, attended the ten day seminar in connection with his work in the ARGMA Test and Evaluation Laboratory.

"Vibration testing in its present form dates back to 1945, when the school I attended made its first electronic dynamic exciter. That original model stood less than a

Math Courses Are Added by Center

An extensive graduate program in Mathematics is now being offered by the University of Alabama to qualified graduate students in this area. This program is being made possible through contractual arrangements with the United States Army Ordnance Missile Command and the Marshall Space Flight Center.

A program of graduate mathematics offering for the academic year 1961-62 has been developed with the cooperation of Dr. J. D. Mancill, Head of the Department of Mathematics, University of Alabama, and Drs. Festa, Lehnigk, Schulz-Arenstorff, and Sperling of the faculty at the Center.

Courses to be taught in the Fall quarter are: Numerical Methods in Differential Equations, Matrices Determinants, Vector Analysis, and Complex Analysis;

Winter: Integral Equations, Theory of Differential Equations

foot high and had a peak force output of five pounds," Garrard said.



I. Topology, Calculus of Variations;

Spring 62: Advanced Complex Analysis, Seminar of Analysis.

Tentative plans for the year 1962-63 are being made and other courses will be revolved from year to year as the Graduate Program develops further. Other courses will be added to enrich each year the program of the University in Mathematics at the Huntsville Center.

Higher Learning Accomplished Du Airlift to Redstone

Higher learning has taken a new twist, at least for 27 Army officers completing studies at Aberdeen Proving Ground, Md.

Caught in a tight schedule, the students took a one hour forty-five minute exam at 8,000 feet above the Appalachian Mountains while on their way to take another course at the Ordnance Guided Missile School at Redstone Arsenal last Wednesday.

The Army Ordnance Missile Command Transportation Office provided a C-54 for this unusual flight. The students were scheduled for a short indoctrination course at OGMS to be crowded into a tight schedule of courses at other defense installations.

Their final exam at Aberdeen was scheduled for Wednesday morning before the flight, but good planning by the Army allowed the students to take the exam aloft and still have time for a critique during the four-hour flight.

So they landed at Redstone, one Ordnance Course finished, and another coming up.

Back-To-School Shopping Starts Tomorrow

at

Dunnivant's, DOWNTOWN

Please accept our invitation to come in and see new fall clothes for back-to-school and back-to-campus.



Dunnivant's

DOWNTOWN, SINCE 1914!