

# The Redstone Rocket

VOL. V; NO. 22

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

SEPTEMBER 18, 1956

## FORMER REDSTONE COMMANDER

# Arsenal Mourns the Death of General Vincent

## HUGE COMPUTER SPEEDS RESEARCH

### ABMA Boasts IBM's Fabulous Device

BY GUY JACKSON  
Public Information Office

During a short two-months period since its installation here, a huge electronic digital computer has proven a favorite with scientists for speeding up research and slashing costs in missile development.

"This machine can compute a three-dimensional trajectory of a missile faster than the missile can fly," proudly claims Dr. H. M. Sassenfeld, mathematician. He is in charge of the Digital Computation area of Computation Laboratory, Army Ballistic Missile Agency, where the machine works 12 hours a day in a specially built air-conditioned room.

Because of the computer's sensitivity, temperature is kept between 70 and 80 degrees, and humidity between 40 and 60 percent.

Technically, it's International Business Machine's Type 704 Electro Data Processing Machine. IBM's newest, largest and fastest scientific computer, it rents for \$40,000 a month.

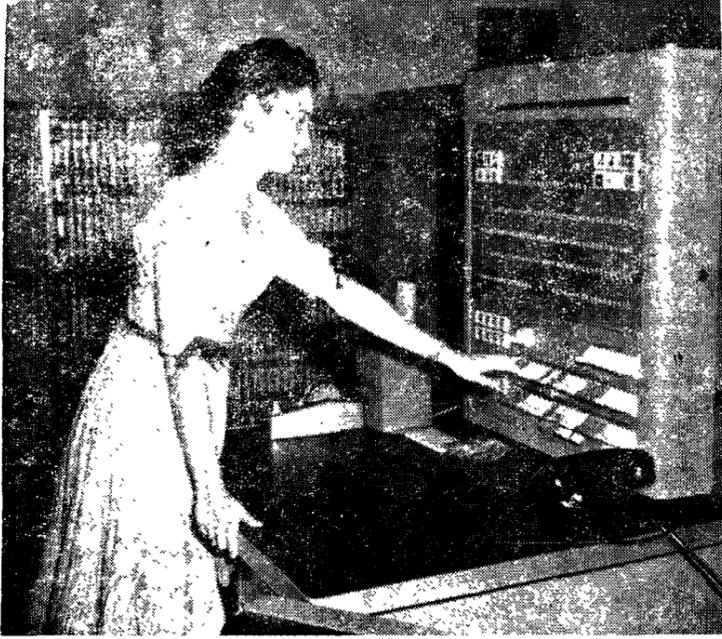
"We couldn't develop a missile without it," says Dr. Sassenfeld. Before a missile is built the machine can predict its altitude, speed, range, and how hot its skin will get from friction with the atmosphere.

"Every trajectory computed is really a test fire," Dr. Sassenfeld explains. "The machine can practically test fire a missile in 20 minutes. When you consider the cost of designing, building, and actually firing a missile, it's a tremendous time and money saver."

By another comparison, to compute a single 300-second ballistic, free-flight trajectory involving 25 values, using one-half second intervals, would require several man-years of error-free work on an ordinary desk calculator. The "machine solves it in five minutes.

Operating with the speed of light, it can perform 40,000 additions of 10-digit numbers per second — or make 5,000 multiplications.

It is impossible to hang up a  
(Continued on Page 2)



MATHEMATICS MADE EASY — By pushing a button Mrs. Ellen Robinson, shown above at the operator's console, can start this giant computer solving a problem. In a few minutes she has an answer that would require months or even years of desk calculation to secure. It is in Computation Lab of ABMA. (Photo by McCrary)

## 100 TRAINING HERE

### Co-op Plan Develops Pool of 'Rocket Men'

BY GUY JACKSON  
Public Information Office

While developing missiles, Redstone Arsenal and the Army Ballistic Missile Agency here are also developing a manpower pool of future scientists and engineers with practical experience in rockets and missiles.

More than 100 young college students are preparing themselves to take over research and scientific duties in a Cooperative Training Program with six southern colleges and universities.

Fifty vacancies for students exist on the post now, and almost 150 new students will be needed by June 30, 1957.

Youngsters like the Co-op plan here. Some typical comments are:

"I'm learning to apply a lot of principles."

"You'll find out what is ex-

pected of you as an engineer."

"If I were a regular student, I wouldn't make enough money during the summer to go to school for three quarters," states Troy Edwin Plunk, a junior engineer student at Auburn.

Scientifically-bent youngsters are recruited by the Coordinator of Cooperative Training, William H. Merchant, from the University of Alabama, Alabama Polytechnic Institute, Georgia Institute of Technology, Mississippi State College, University of Tennessee and Virginia Polytechnic Institute.

Interested students in engineering, chemistry, mathematics, and physics may take a rigid four-hour written Civil Service examination for the position of "Student Trainee."

After a quarter or semester at his chosen college, and security clearance, accepted students report for an alternate work period ranging from three to four and one-half months. Students are paired off on alternate schedules — while one is working, the other is enrolled in school.

Mr. Merchant, the Coordinator, interviews each youth and as-

(Continued on Back Page)

Brig. Gen. Thomas K. Vincent (USA Ret.), the first general officer to command Redstone Arsenal, died in his sleep of a heart attack at his home in Alexandria, Va. on Sept. 9.

Gen. Vincent first came to Redstone on June 1, 1952 to take command. He served here until his retirement on August 31, 1954, and proved a popular leader both of his command and in cooperation with civil authorities in the area.

Burial took place at Arlington Cemetery at 11 a. m. last Wednesday, Sept. 12. Brig. Gen. Toftoy, arsenal commander, represented all members of this installation at the funeral.

After his retirement, General Vincent became the director of the Technical Divisions and Committees for the American Ordnance Association with headquarters in Washington, D. C. His home was in Alexandria, Va., at 913 Enderby Drive.

Strong forte of General Vincent's was his after dinner speech making. On this score he was much in demand by both civic and technical organizations.

He received his star as a brigadier general while serving at Aberdeen Proving Ground, Md., where he was the commanding general of the Ordnance Training Command. He simultaneously served as the deputy commander of the Aberdeen Proving Ground. During this time, he was responsible for the entire training program for Ordnance.

General Vincent was born in Dayton, Ohio on Oct. 3, 1895. He moved to Baltimore, Md., where he graduated from the Baltimore Junior College, a secondary school, in 1912.

He received a bachelor of science degree from a Kansas State Agricultural College in 1916 and was awarded a commission in the U. S. Army for outstanding scholarship.

In 1932, he received a bachelor of science degree in mechanical engineering from the Massachusetts Institute of Technology.

Before that, he had been the commander of the Griesham Ordnance Depot at Frankfurt, Ger-

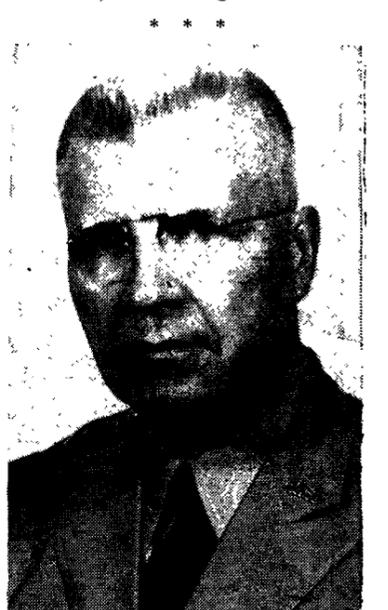
many where he served from June 1947 to August 1948.

In August, 1942, the general — then a colonel — was given duties in the Office of the Chief of Ordnance. First, he was deputy chief of the Production Service Division, and then chief of the redistribution Branch.

During World War II, Gen. Vincent was commanding officer of the Erie Proving Grounds at Lacarne, Ohio.

He was originally commissioned in the Field Artillery as a second lieutenant on Oct. 25, 1917 and received a promotion to first lieutenant the same day. In 1920, he transferred to the Ordnance Corps.

Gen. Vincent is survived by his widow, the former Miss Ethel Shaw of Highland Park, N. J., now residing at Alexandria; his daughter, Mrs. William Wurz, Jr., of Yuma, Arizona; his mother, Mrs. Louise C. Vincent of Pueblo, Colorado, and two grandchildren.



BRIG. GEN. THOMAS VINCENT

## Signs of Interest

"The boss is not always right — but he's always the boss."

## OGMS SOLDIER TO BE TV QUIZ SHOW GUEST AS MOM TRIES FOR \$25,000

A young Ordnance Guided Missile School soldier will be on hand tonight at a New York television studio to watch his mother try for a \$25,000 prize on the CBS program, "Name That Tune."

SP3 Charles W. Lee, 19, a Nike rack radar repairman in the Service Branch of OGMS, will be joined in New York by his younger brother and two sisters from his home of Herington, Kan. CBS

is paying their transportation by air and all other expenses.

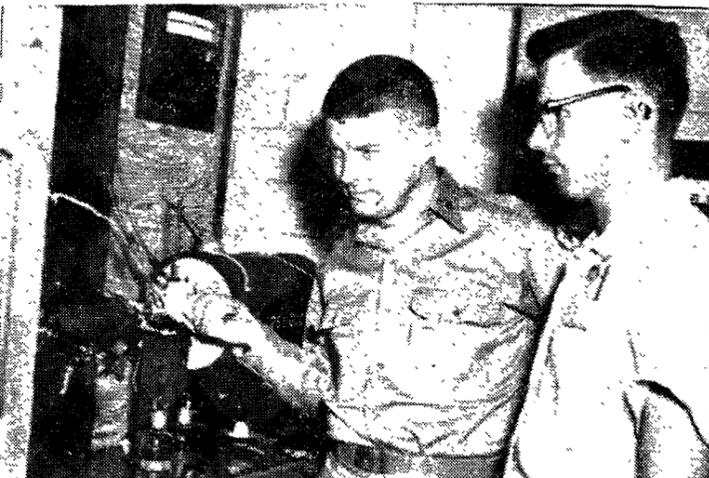
Young Lee's mother, Mrs. Trudi Lee — together with her partner in the musical quiz show — answered the \$20,000 question correctly on last Tuesday night's program, Sept. 11. Tonight they go for the top money, \$25,000.

Televised live from New York, the program is seen locally a week later by kinescope, at 6:30, p.m. Tuesday over Channel 6. Tonight's show, which SP3 Lee is attending, will be here next Tuesday night, Sept. 25.



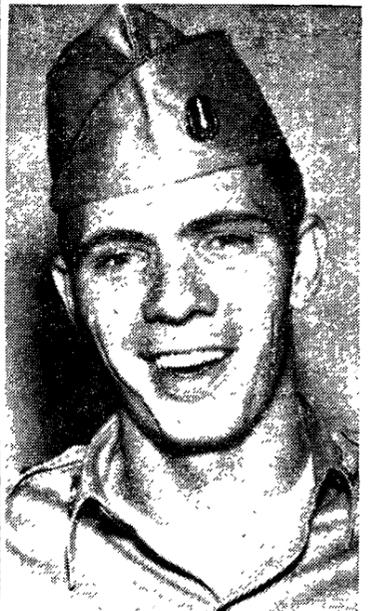
ROCKET MOTOR TEST STAND — James Stover, 19, freshman Co-op student from Georgia Tech, is being shown a test stand on Static Range 5 at Redstone Arsenal by PFC Thomas P. Glynn, a graduate of Canisius College, Buffalo, N.Y., with a degree in physics. Both work in the Internal Ballistics Branch of Test and Evaluation Lab, Rocket Development Laboratories, at Redstone Arsenal.

(Photo by SFC Dick Coddington)



A PVT. (ALSO A Ph.D.) INSTRUCTS CO-OP STUDENT IN MISSILE FUEL TEST — Pvt. Kenneth E. Bean, 28, of Alamosa, Colo., left above, is explaining a method for testing the explosion hazards of common missile fuels to William Lloyd Burbank, Jr., a cooperative training student from Georgia Tech. Pvt. Bean is well qualified for his job in Structures and Mechanics Laboratory, Army Ballistic Missile Agency. He has a Ph.D. in Physical Chemistry from Stanford University.

(Photo by H. L. McCrary)



SP3 CHARLES W. LEE

# The Redstone Rocket

The Redstone Rocket is a privately owned newspaper published every Tuesday by Jack W. Hoffhaus, Hartselle, Alabama, with exclusive regard for the reader interests of personnel at Army Ballistic Missile Agency, Redstone Arsenal and Ordnance Guided Missile School in accordance with an agreement between the publisher and the Public Information Office, Redstone Arsenal, Huntsville, 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 Redstone Arsenal. 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 Redstone Arsenal.

The publisher will receive editorial content for publication in the Rocket only through the Public Information Office, Redstone Arsenal, Bldg. A-101, Extension 2212 or 2704. All advertising copy and payments therefor are received by Mrs. Zillah Newsome, 303 E. Holmes St., Huntsville, Ala., telephone JE-44701, as representative of the publisher.

The Redstone Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates for the Rocket are \$3 a year, or \$1.75 for six months. Mailing arrangements may be made with the publisher.

## IN MEMORY OF GENERAL VINCENT

Instead of a lengthy editorial on the recent saddening news of the death of Redstone Arsenal's beloved former commander, Brig. Gen. Thomas K. Vincent (Ret.), we wish to reprint below a brief telegram sent to his widow by the present commander, Gen. Toftoy. We feel its simple message most adequately expresses the depth of our feeling towards this remarkable man:

"Every person here at Redstone Arsenal, General Vincent's former command — where his inspiring work and character enriched not only Army Ordnance but all our lives — joins Mrs. Toftoy and myself in expressing to you and the other members of your family our deepest sympathy. We have lost a great and wonderful friend. His memory will stay in our hearts."

## OPEN A SAVINGS ACCOUNT

... with us! Our current dividend rate is 3%.

START AN ACCOUNT WITH AS LITTLE AS \$10.00 OR AS MUCH AS YOU MAY DESIRE.

You are insured up to \$10,000.00 on any one account.

ANY INVESTMENT MADE WITH US BEFORE THE 10TH OF EACH MONTH DRAWS A FULL MONTH'S DIVIDEND.

E. W. Dickey, Jr., Secretary-Treasurer

**FIRST FEDERAL SAVINGS**  
AND LOAN ASSOCIATION OF HUNTSVILLE



# STOP!

It's Time For A Big Glass  
Of Energy Giving Milk.

IT'S GOOD FOR YOU AND GOOD TASTING TOO —

Get it fresh daily from

## MEADOW GOLD DAIRIES

601 W. CLYNTON    PHONE JE 2-8464    HUNTSVILLE



SP/2 RONALD E. YIELDING

## SP/2 YIELDING SOLDIER OF MONTH

Specialist Second Class Ronald E. Yielding, Hq. & Hq. Det. 9330, has been selected as Soldier-of-the-Month for units assigned Redstone Arsenal.

This selection was based upon enlisted personnel as recommended by the unit commanders to the Deputy Troop Commander who made the final selection. Each candidate for the honor was initially selected by his unit commander for his appearance, attitude, cooperation, efficiency, military bearing and general value to the service.

Sp/2 Yielding is a native of Pasadena, Calif., graduating from the University of Southern California in 1954 majoring in Public Administration. He entered the service through the Army Reserve in November 1954, attended the Personnel Management Course, The Adjutant General's School, Fort Benjamin Harrison, Indiana, and was then assigned to Redstone for duty with the Classification and Assignment Section, Military Personnel Office. He has additional duties as Information and Education NCO with Hq. & Hq. Det. 9330.

This sign in a San Diego Naval base phone booth: "Please limit your calls to four girls!"

Anytime you enter a cafe, always ask for a table near a waiter.

## REAL ESTATE LOANS

on Farms  
and Country Homes

Low-Cost  
Amortized  
Prompt Service  
Pre-payment Options

Ask for our free booklet explaining the Equitable Society's modern financing service

## T. PICKENS GATES

Special Agent  
THE EQUITABLE LIFE  
ASSURANCE SOCIETY OF  
THE UNITED STATES  
305 Terry-Hutchens Bldg.  
Bus. Phone JE 4-0371  
Res. JE 4-6308  
HUNTSVILLE, ALABAMA  
Let The Man From Equitable  
Bring You Peace of Mind

## ABMA Boasts

(Continued From Page One)

huge missile, such as the 60-foot Redstone, and weigh it. But the weight must be known to determine the trajectory. Weighing a missile on a desk calculator would require two or three months. After processing information on magnetic tape, the computer can weigh a large missile in three minutes. If missile components are changed, another tape is made and compared with the original, re-weighing the missile in minutes.

Predicting missile performance is just one application of the computer. Its problem solving includes engineering calculations in design of components, evaluation of missile performance, or data reduction after firing, and specialized scientific missile research.

And it can even take inventory. ABMA obtains a stock of 30,000 expendable missile parts, adding new items daily, while using others. After the initial processing of punch cards for stock control, the machine can take inventory as often as needed, in ten to fifteen minutes.

Data for problem solving is fed into the machine from punch cards for stock control, the machine can take inventory as often as needed, in ten to fifteen minutes.

Data for problem solving is fed into the machine from punch cards at the rate of 250 per minute.

A high-speed storage device, or "memory," can retain 40,000 instructions or 40,000 10-digit numbers which might be needed for future problem solving. Seven auxiliary storage units can retain one million numbers each on magnetic tape. These can be read back into the machine at the rate of 2,500 per second.

## DETACHMENT "A"

9330 TTT  
BY ROWB

A recent safari of big game hunters headed by Jack Greenwood and Cecil Joyce, trekked into the virgin Tennessee jungles in search of the ferocious, nut-eating rodent. The fearsome creatures were no match for the wily hunters and at least a dozen were downed. Before long they may even "bring 'em back alive."

We're glad: The dust bowl parking lot in back of building 680 is scheduled for an asphalt surfacing.

We're sad: The future definitely holds a new 500 yard rifle range and an infiltration course for Redstone Arsenal. What next?

We expect black shoes to be replaced by "white bucks" by next autumn. The trend is to the sporty look.

Bob Patry and Jim Bunnell have demonstrated a good deal of talent in the basketball department for Detachment A. With a little work we can build a fairly respectable team around them.

Stickball has suffered a severe setback. Jerry Smith has sought salvation by separating from us. Who will carry on?

## Army-Navy SURPLUS CO.

Inside And Outside  
WHITE PAINT

Guaranteed to be  
Entirely Satisfactory

\$2.45 Per Gallon

Phone JE 4-6991

No. 7 S. Side Square

"We Buy and Sell Everything"

herman's

## Swan Room

### FRIDAY FISH FEAST

EVERY FRIDAY NIGHT

Served From 5 P.M. 'Til 8:30 P.M. Friday Evening

... AND YOU "SERVE UR-SELF"



MENU

- |                                 |                                 |
|---------------------------------|---------------------------------|
| Fillet of Sole                  | Fillet of Haddock               |
| Red Perch                       | Imported Cod                    |
| Deep Fried Catfish              | Red Snapper Filets              |
| Spanish Mackerel Filets         | Smoked Haddie                   |
| Deep Fried Scallops             | Halibut Filets                  |
| Red Salmon Steaks               | Deep Fried Mulletts             |
| Deep Fried Shrimp               | Imported Greek Salomica Peppers |
| Imported Greek Salomica Peppers | Imported Pollock                |
| Chef Salad                      | Sweet Gherkin pickle            |
| Cole Slaw                       | Potato Salad                    |
| French Fried Potatoes           | Pineapple and Cottage Cheese    |
| Dill Pickles-Sweet Relish       | Head Lettuce                    |
| Sliced Tomatoes                 | Tartar Sauce                    |
| Cocktail Sauce                  | French Dressing                 |
| Mayonnaise                      | Italian Dressing                |
| Apple Sauce                     |                                 |
| Lemon Butter Sauce              |                                 |

... and a galaxy of other seasonal seafood delicacies all set out for you to select as much as you like to eat. Every other imaginable taste treats to make the whole meal a real SEAFOOD FEAST.

★ EAT ALL YOU LIKE ★

Salad And Beverage Included — All For \$1.50 plus tax  
Children Under 12 Only \$1.00 plus tax  
Children Under 3 FREE!

Come and bring the whole family. Special rooms available for small parties if desired.

### Every Friday Night Is Family Night

Our regular menu will NOT be served at this meal ... FISH FEAST ONLY ... regular menu will be served at Ritz Cafe on street floor.

### FREE PARKING

... right on Washington Street on Friday night is available ... or at Buck Larkin Service Sta. or Hayes Service Sta. just around the corner at Clinton and Greene Streets.

• AIR CONDITIONED •

herman's

## Swan Room

109 1/2 N. Washington Street — Over Ritz Cafe

GOOD TASTE, TOO, HAS ITS CHAMPION

## Budweiser

LAGER BEER

Anheuser-Busch, Inc., St. Louis, Mo. • Newark, N. J.



THE WORLD-FAMOUS CHAMPION CLYDESDALE HORSES

Distributed By

TURNER BEVERAGE COMPANY

HUNTSVILLE, ALABAMA

## TENTATIVE COURSES ANNOUNCED FOR GRADUATE STUDY PROGRAM HERE

Dr. A. B. Moore, Dean of the Graduate School, University of Alabama, has announced the tentative on-Arsenal courses for the academic year 1956-57 to be offered as a part of the Graduate Study Program.

Offerings are a result of an extensive Arsenal-wide survey. Over a thousand copies of the survey form were distributed to interested employes at Redstone Arsenal, Army Ballistic Missile Agency, Ordnance Guided Missile School, Rohm and Haas, and Thiokol.

Classes will meet after normal working hours in the recently completed Graduate Study Program classrooms in Building T-152 (Old Troop Area) off Patton Road, about 1½ miles north of Gate 14.

The tentative course offerings are as follows:

- FALL — September 17 to December 11.  
 MA 126 — Partial Differential Equations.  
 PH 131 — Intermediate Electricity and Magnetism.  
 ME 201 — Fundamental Thermodynamics.  
 MH 204 — Advanced Strength of Materials.  
 CH 242 — Chemical Kinetics.  
 ME 171 — Nuclear Reactor Engineering.  
 WINTER — January 2 — March 22.  
 MH 256 — Theory of Functions of a Complex Variable.  
 PH 221 — Thermodynamics.  
 MH 251 — Advanced Dynamics.  
 EE — Servomechanisms.  
 AE 200 — Aircraft Structure.  
 CH 220 — Advanced Topics in

## FAIRS FEATURE ARSENAL EXHIBITS

Fair-goers in this area will get a close look at the Army's Nike and Corporal missiles, the Honest John rocket, and see themselves on TV.

Displays are being supplied from Redstone Arsenal, Army Ballistic Missile Agency, and the Ordnance Guided Missile School.

The Corporal, furnished by Redstone Depot, was exhibited last week at the Limestone County Fair, in Athens. This week it is showing at the North Alabama State Fair, in Florence. Next week it will appear at the Mid-South Fair, in Memphis, and from there go to the Alabama State Fair in Birmingham, October 1-6.

The Corporal is accompanied by M/Sgt. James M. Dempsey and M/Sgt. Tilson C. Livingston. The Honest John Rocket, also from Redstone Depot, is at the Morgan County Fair in Decatur this week. With it are PFC Peter

D. Weisse, and SP3 George W. Starkey, from Hq. Detachment, 9330.

From Decatur the Honest John will go to Huntsville for the Madison County Fair, September 24-29.

Among the top exhibits at the Madison County Fair will be a Nike missile from OGMS and a closed circuit TV unit from ABMA.

The TV unit, used in research and development of guided missiles and in teaching at ABMA can be adapted for an exhibit that proves popular with fair-goers. In it a person can stand before a camera and watch his performance on a nearby TV screen.

Been feeling depressed all day. Just finished another one of those books with an unhappy ending — the family checkbook.

### LEAVE A DEED - - - NOT A DEBT

#### Ask About Provident's HOME OWNERSHIP PLAN



For Helpful Information Call

### JESSE C. ANDERSON

LIFE — ACCIDENT — SICKNESS — HOSPITAL  
 508 Terry-Hutchens Bldg. — Phone JE 4-7651

General Agent

Provident Life And Accident Insurance Company

## B.F. Goodrich

FIRST IN RUBBER—FIRST IN TUBELESS

W. H. THRASHER, Mgr.

118 W. Clinton

Phone JE 6-2487

## LOANS!!

"Fastest Loan Service in Town"

### MONEY IN 10 MINUTES

LOANS MADE ON YOUR SIGNATURE TO MEN AND WOMEN THAT HAVE REGULAR JOBS AND SALARY

### LOCAL FINANCE COMPANY

111 EAST HOLMES STREET

(Across Street From Post Office)

H. E. Hilliard — Phone JE 4-1671 — Huntsville

IT ALWAYS--

## COSTS LESS

TO FURNISH YOUR HOME

at

# Sterchi's

HUNTSVILLE AND FAYETTEVILLE  
 PHONE JE 2-5681

VISIT YOUR

### MILL REMNANT STORE

169 PARK BOULEVARD

- PACIFIC 16x28 ----- Each 45¢  
 TOWELS 24x46 ----- Each 75¢  
 BATH CLOTHS 12x12 ----- Each 17¢

Tremendous Savings on Famous

## WAM SUTTA

SUPERCAL SHEETS AND PILLOW CASES

— Lovely Drapery Materials —

AND A WONDERFUL ASSORTMENT OF DRESS MATERIALS AND ALL KINDS OF SEWING NOTIONS

DISCONTINUED PATTERNS AND SAMPLE CUTS ALL LOWENSTEIN FABRICS!

- Analytical Chemistry.  
 Mgt. 251 — Industrial Management.  
 SPRING — MARCH 25 — JUNE 11.  
 MA 191 — Vector Analysis.  
 PH 151 — Molecular and Atomic Physics.  
 Mgt. 115 — Personnel Management.  
 Mgt. 255 — Scientific Organization Management.  
 ME 303 — Gas Turbines and Jet Propulsion.  
 SUMMER — JUNE 13.  
 MA 171 — Selected Topics in Higher Mathematics.  
 Anyone desiring additional information regarding the Graduate Study Program may call Ext. 3530, Training Branch, CPO, RSA, or the University of Alabama Center Office, Huntsville, Alabama, JE 6-1596.

### WRECKER SERVICE

In case of an accident ask for our new wrecker. Courteous operator, reasonable charges. Day Phone JE 4-4561, nights JE 4-0803.

Hill Chevrolet Company

## UNIVERSITY OF ALABAMA HUNTSVILLE CENTER

Sept. 17 — Schedule for Fall Quarter, 1956 — Dec. 11

MONDAY AND WEDNESDAY CLASSES 6:00 — 8:00	Prerequisite	Hrs.	Credit
Accounting 53 - Intermediate Accounting	Accounting 3	3	3
Biology 2 - General Biology (Animal) Lab. Thurs. 6:00 - 10:00	Biology 1	4	4
English 1 - English Composition	None	3	3
History 35 - Institutional and Cultural History of the Christian Church to 1500	Perm. of Instr.	3	3
Mathematics 15 - Trigonometry	Mathematics 11	3	3
Mathematics 49b - Differential & Integral Calculus	Mathematics 49a	2	2
Mathematics 95 - Differential Equations	Mathematics 51	3	3
Physics 6c - Technical Physics (Lab. Thurs. 5:30 - 8:00) (Heat, Light and Sound)	Phys. 5c or Phys. 1	3	3
Sociology 1 - Intro. to Sociology & Anthropology	None	3	3
MONDAY AND WEDNESDAY CLASSES 8:00 — 10:00			
Chemistry 1 - General Chemistry (Lab 6:00 - 10:00)	None	4	4
Economics 11 - Principles of Economics	None	3	3
English 2 - English Composition	English 1	3	3
English 5 - English Literature	English 1-2	3	3
G. E. S. 23 - Engineering Materials	G.E.S. 11 or Ch. 1	2	2
History 1 - History of Western Civilization	None	3	3
Mathematics 01 - Elementary Algebra	None	NC	3
Mathematics 11 - Algebra	None	3	3
Mathematics 49a - Differential & Integral Calculus	Mathematics 25	3	3
M. T. E. 95 - Light Metals and Their Alloys	Physics 7c	2	2
TUESDAY AND THURSDAY CLASSES 6:00 — 8:00			
Accounting 3 - Accounting Analysis	Accounting 2	3	3
Accounting 101 - Cost Accounting	Accounting 53	Cert. Cr.	1½
Art 11 a & b - 12 a & b - Drawing (6:00 to 10:00 Tuesday.)	None	1½	1½
Art 37 a & b - Ceramics (6:00 - 10:00 Thurs.)	None	2	2
Drawing 31 - Engineering Drawing I - 6:00 - 10:00	None	2	2
Drawing 32 - Engineering Drawing II - 6:00 - 10:00	Drawing 31	2	2
Economics 1 - American Economic History	None	3	3
E. M. 68 - Fuel Analysis and Testing	Chemistry 2	3	3
English 51 - Fiction Writing	Perm. of Instr.	4	4
German 4 - Intermediate German	German 3	3	3
Mathematics 51 - Differential & Integral Calculus	Mathematics 49	3	3
Physics 72 - Intermediate Mechanics	Eight hrs. physics	4	4
Ed. 267 - Family Life Education (Alternate Tues.) starting Sept. 25 on Tues. only			
TUESDAY AND THURSDAY CLASSES 8:00 — 10:00			
Accounting 1 - Principles of Accounting	None	3	3
Chemistry 2 - General Chemistry (Lab. Fri. 6:00 - 10:00)	Chemistry 1	4	4
English 184 - Technical English	Soph. standing	2	2
German 1 - Elementary German	None	3	3
History 21 - Development of U. S. to 1865	None	3	3
Mathematics 25 - Analytical Geometry	Mathematics 15	3	3
M. H. 81 - Statics	Mathematics 51	3	3
Physics 5c - Technical Physics (Lab. Wed. 5:30 - 8:30) (Mechanics)	Mathematics 15	3	3
Political Science 1 - Principles of American Gov't	None	3	3

ANY CLASSES NOT ENROLLING A SUFFICIENT NUMBER OF STUDENTS WILL BE CANCELLED

# 'Much Stronger' Arsenal Football Team Predicted



**PLOTTING ROCKETS' COURSE**—Coaches of this year's Redstone Arsenal Rockets football squad run over some of the plays with which they hope to befuddle soldiers' opponents. The Rockets open a six-game schedule Oct. 6. Left to right are Lt. Donald Riggins, head coach; Lt. Chester Langley, end coach; Sfc. James Whisenant, backfield coach; and Lt. William Richardson, line coach. Practice has been un-

and Sfc. James Whisenant, back- Continued on next page

of Tennessee (Martin Branch). "To give the fans better games to watch, we've tried to set up a schedule more in line with our troop personnel strength," Lt. Riggins explained, pointing out that the Arsenal has only about 2,000 soldiers to pick from and in the past has often played other service installations with troop populations of up to 50,000. Dropped from the list this year, for instance, is Ft. Benning, Ga., which defeated the Rockets twice during the 1955 season. Roughest opponent for '56 figures to be the Memphis Naval Air Station, which last year trounced Redstone 60-0.

Following the opening game, the Arsenal team's schedule reads thus: Oct. 13, Moody (Ga.) Air Force Base, home; Oct. 20, Charleston (S. C.) AFB, away; Oct. 27, Memphis Naval Air Station, home; Nov. 3, 937th Engineer Group, Ft. Campbell, Ky., home; Nov. 10, temporarily open; and Nov. 17, Moody AFB again, away.

All home games will begin at 7:30 p.m. on Saturdays at the Arsenal's Linton Field. Admission will be free, except for the possible charity tilt.

The Rocket squad this season boasts no ex-professional or "big name" college players, as has sometimes been the case in the past, but Coach Riggins and his staff are pinning their hopes on a well-balanced team of youngsters who had outstanding high school athletic records.

One of the main reasons for the Arsenal coaches' optimism is a talented newcomer quarterback from Bedford, Pa., named Jim Colosimo — tagged by Lt. Riggins a "a boy a lot of the Southeastern Conference teams are going to be after when his service hitch is up." He is rated a top-notch passer and ball-handler, also endowed with excellent generalship qualities.

Other fine prospects in a backfield that's reported "coming on nicely" are cited as Don Redmon, "a good, fast breakaway half-back" from Burlingame, Calif., and hard-plunging fullback, Ben Johnson, who calls Dallas, Texas, home. Being counted on to anchor a line that averages 210 pounds is Murl Briley, a big tackle from Little Rock, Ark.

Assisting Lt. Riggins to whip a 40-man squad into shape for the gridiron wars of 1956 are Lt. Chester Langley, end coach; Lt.

William Richardson, line coach; field coach. Practice has been un-

THE REDSTONE ROCKET

SEPTEMBER 18, 1956



## NOW enjoy the last word in modern Credit Shopping with W. T. Grant "Charge-It" Plan

(No down payment... up to eight months to pay... always more credit when you need it! That's the exciting story of the wonderful new credit way to shop, being presented in 600 W. T. Grant stores across the nation. Hailed as the greatest boon to family shopping, the new "Charge-It" Plan gives you up to \$200 or more to spend like cash anywhere in Grants, WITHOUT A DOWN PAYMENT! Now you buy what you want, when you want it... buy Sale specials without worrying about your budget... save enough to more than pay the tiny service fee charged! Join the million happy users — fill out the coupon today!

HOW MUCH DO YOU NEED?	\$50	\$100	\$200
	Pay \$1.75 weekly	Pay \$3.50 weekly	Pay \$7.00 weekly

FILL OUT THIS APPLICATION. Mail it or bring it in to-day!

W. T. GRANT CO. 115 WASHINGTON ST.  
(Application involves no obligation)

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_  
PHONE NO. \_\_\_\_\_

EMPLOYMENT	I HAVE ACCOUNTS AT...
Firm	How Long Store Open — Closed

**W. T. GRANT CO.**  
115 WASHINGTON ST.

Under an optimistic new head coach who hopes to field "a much stronger team than last year" despite having only seven returning lettermen, the Redstone Rockets football squad is hard at practice for its opening tilt on Oct. 6 against the tough 506th Airborne Infantry Regiment at Ft. Campbell, Ky.

Coach (and Lieutenant) Donald Riggins, assistant Special Services officer today, announced a six-game schedule for the ambitious Rockets, who last season lost all but a couple of their frays. A seventh game, a charity affair with proceeds to the Arsenal Boy Scouts, is tentatively in the works for Nov. 10 against the University

PHONE — Day - Night 4-6231

**DR. A. M. CATES, D. C.**  
PALMER GRADUATE

**N. C. M. FULL SPINE X-RAYS**  
Mon., Tues., Wed., Fri. — Hours 9-12 — 2-6  
Thurs., Sat. — 9-12

318 W. CLINTON ST. HUNTSVILLE, ALA.

### U. S. TIRE SERVICE

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

Located Across From Butler High School  
DIAL JE 2-5312

### INSURANCE

IS YOUR BEST PROTECTION!  
Ask Us About Our  
**SERVICE MEN'S LIABILITY INSURANCE**

**W. E. DICKEY**

INSURANCE AGENCY  
507 Terry-Hutchens Bldg.  
Phone JE 4-9061  
You'll Get an Answer Day or Night

### WRESTLING

Every Thursday  
**8:30 P. M.**

**National Guard Armory**

Gus Gulas, Promoter

Get Your Advance Tickets at  
Grand News Stand

IRENE JONES

## STUDIO OF DANCE

705 RANDOLPH STREET  
— ESTABLISHED 1930 —

... announces ...  
FALL and WINTER TERM  
NOW IN PROGRESS

Registration Daily

Help Your Child To Acquire Poise ...

- Acrobatic
- Ballet
- Tap
- Business Girls' Ballet Class
- Ballroom
- Baton
- Toe

— TELEPHONE JE 2-8781 —

● ALL TYPES OF DANCE FOR ALL AGES.

Director of Dance Masters of America, Inc. Celebrating 25th year of establishment of school.



AIR CONDITIONED

### JIMMY BLACKMON SENDS HIS THANKS FOR 'WONDERFUL TIME' AT ARSENAL

Though life has now somewhat settled back down to routine, 17-year-old Jimmy Blackmon of Charlotte, N. C. — whose "home-made" rocket was written about

in practically every U. S. newspaper plus Time and Newsweek Magazines — writes that he's "still thinking about the wonderful time" he had on his visit to Redstone Arsenal and about "the people who were so friendly to Dad and me."

### Two Buildings to be Modified for Putting In Air Conditioning

The Army Engineers at Mobile, Alabama, are advertising a job for the installation of complete air conditioning systems in two existing buildings at Redstone Arsenal. Colonel Harold E. Bisbort, District Engineer, said that the work would require making alterations and constructing additions to the buildings in order that the systems may be installed.

The additions and modifications to be made to the Administration Building include constructing an equipment room having a floor area of approximately 90 square feet, constructing a 65 square foot concrete slab for an evaporative condenser, and making alterations to an existing electrical system, ducts and controls. In the Shop Building the heating and electrical system will be altered. The air conditioning systems for both buildings will be installed under this same contract.

The Engineers have requested interested contractors to submit their proposals not later than 11 a.m. on Sept. 26, at which time the bids will be opened.

Young Blackmon was invited to be the arsenal's guest for a full day's tour to see development facilities and talk with top rocket experts after a decision was made that it would be too hazardous to attempt to fuel or test-fire his basement-built missile here as had been proposed.

In a recent letter to Brig. Gen. H. N. Toftoy, arsenal commander, Jimmy expressed his thanks to everyone he met here and also described his newest basement workshop project. Here's the youngster's letter to the general: Dear Gen. Toftoy:

Finally, life has settled down to the usual routine; in other words, I'm not running back and forth between the front door and telephone talking to reporters.

It might seem that after a few days my enthusiasm for Redstone would decrease; but I'm still thinking about the wonderful time I had and the people who were so friendly to Dad and me.

I'm painting a house with some friends, so that I won't go back to school completely broke and I've started another project. I've decided that building another rocket or correcting this one would teach me very little, since the construction is fairly evident. So, I'm building a motor, using dry ice to produce the pressure, which I can test. From this I can probably learn relationships between pressure and thrust and the pressure at different points. I'll then start changing nozzle sizes and see what effect this will have. It'll be pretty crude, but I should get something out of it, and I don't have but a few weeks left before school starts.

I want to thank you again for your interest and for making my trip to Redstone possible. Dad and I both certainly appreciate all you've done for us. I'd have a hard time writing everyone I met at Redstone and thanking them but I hope they know how much fun I had and how thankful I am.

Thanks again,  
"Jimmy"

7,800 Rockets — 16,000 Readers

### Funeral Rites Held For John C. Ledford

Funeral services for John C. Ledford, 33, who worked in the Ammunition Publication Section of the RSA Field Service Division, were held Sept. 9 at Lancaster, Ky.

Mr. Ledford died on Sept. 6 in a Bethesda, Md., hospital, where he had been a patient for about two months.

Survivors include his wife and two daughters, Susan and Janet.

A recruit strolled into a bar in the roughest part of town. Being a bit uneasy, he casually said to the bartender:

"I like these old places with sawdust on the floor."

"Sawdust!" came the reply. "That's yesterday's furniture."

7,800 Rockets — 16,000 Readers

### Complete Book Service THE BOOK SHOP

Russel Erskine Bldg.

OPEN

Mon. thru Fri. — 9 'til 9

Saturday — 9 'til 6

Closed Sundays

"Oh what a lovely cow," said the cute young miss from the city. "But why hasn't it any horns?" she asked the farmer.

"There are many reasons," the farmer replied quietly. "Some cows do not have them until later in life. Others have them removed, while still other breeds are born without horns. This cow does not have any horns because it is a horse."

Wantads are Informative

ENJOY "OK" USED CAR SAVINGS BUY WITH WARRANTED CONFIDENCE HILL CHEVROLET CO.

DAMP WASH 6¢ LB. WASH, DRY AND FOLD 8¢ LB.

ALSO DRY CLEANING FIVE-POINTS LAUNDRY SHOP 715 Pratt Ave. Pho. JE 4-4482

### CASH LOANS CASH

To Employed Men and Women

SIGNATURE AND FURNITURE LOANS

● \$5.00 to \$150.00

### MODERN FINANCE COMPANY

207 N. WASHINGTON ST.

PHONE JE 4-7351



### AT SOUTHERN EXCHANGE STORE

If You Can Find The House — We've Got The Furniture And Appliances — Some New - Some Used

- USED SOFAS ----- \$500 and up
- USED CHAIRS ----- \$400 and up
- USED BEDS ----- \$500 and up
- USED Bed SUITES ----- \$49<sup>50</sup> and up Room
- USED ELECTRIC REFRIGERATORS ----- \$59<sup>50</sup> and up
- USED RANGES ----- \$39<sup>50</sup> and up
- USED WRINGER ----- \$19<sup>50</sup> and up WASHERS

- SMALL DOWN PAYMENT
- FREE DELIVERY

### SOUTHERN EXCHANGE STORE

Next Door to Southern Furniture 1 WEST SIDE SQUARE

### PARKWAY THEATRE

LAST TIMES TONITE

### THE BOLD AND THE BRAVE

WENELL MCKEY DON WOODS  
COREY-ROONEY-TAYLOR-MAUREY

WEDNESDAY & THURSDAY

### BILL HALEY AND HIS COMETS ROCK AROUND THE CLOCK

FRIDAY & SATURDAY

### OUT OF THE SIDEWALK JUNGLE! TEENAGE CRIME WAVE

—plus—

### PANORAMIC PRODUCTIONS presents VAN JOHNSON- JOANNE DRU THE SIEGE AT RED RIVER

STARTS SUNDAY

### "SAFARI"

with VICTOR MATURE

### GRAND THEATRE

"NEWLY DECORATED"

TODAY & WEDNESDAY



THURSDAY & FRIDAY

### "Battle Station"

- JOHN LUND
- WM. BENDIX

STARTS SUNDAY



### LISBON

In NATURAMA • TRUCOLOR with FRANCIS LEDERER. A REPUBLIC PRODUCTION

### FOR YOUR INSURANCE NEEDS

See

### G. W. JONES & SONS

307 Franklin  
Phone JE 6-3301

### SATISFACTION IS HAPPINESS

AT FIRST NATIONAL

1. Satisfaction derived from a convenient checking account.
2. Satisfaction derived from thrifty savings.
3. Satisfaction derived from low cost convenient payment loans.

ALL THESE AND MORE BANKING SERVICES ADD UP TO YOUR HAPPINESS AT

THE FIRST NATIONAL BANK OF HUNTSVILLE

Member of FDIC—Federal Reserve Deposit

### Join The Mobility

Beat the High Rent Problems

— See —

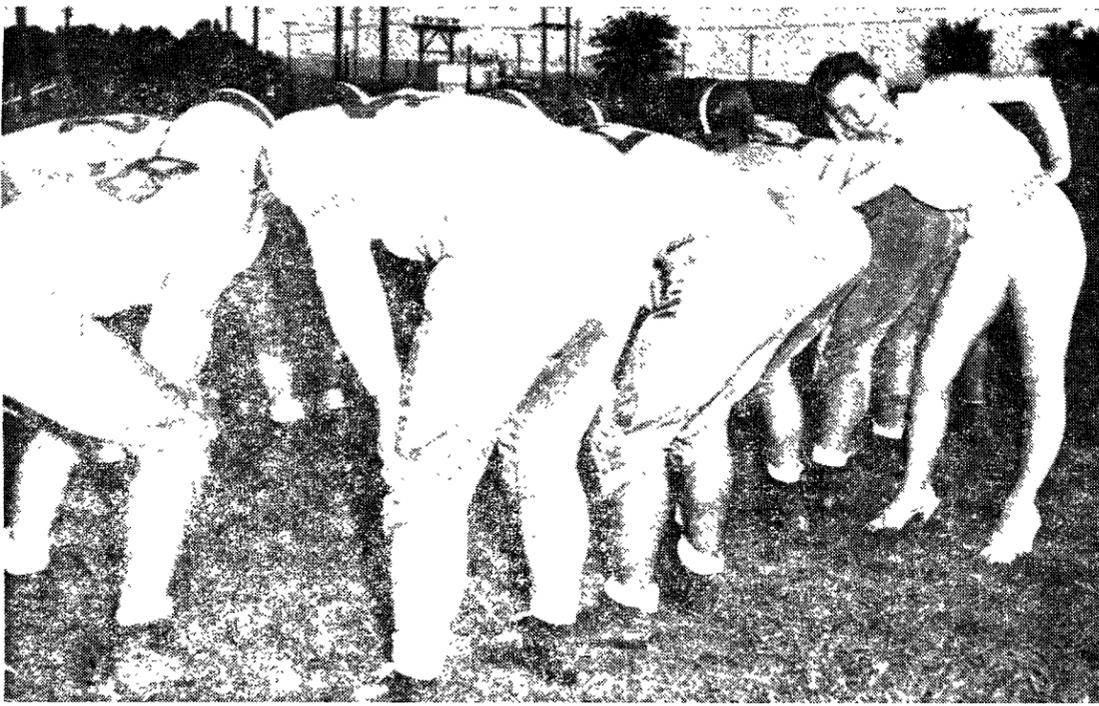
### The New Kozy

with the eye level oven SPECIAL used two bedroom 55 model

GREAT REDUCTIONS In All 1956 Models 1, 2 and 3 Bedrooms Some With Washers

### ATLANTA TRAILER MART

1310 Meridian Street Across from Woody's Drive-In Theater DIAL JE 6-491 Open 9:00 A.M. to 9:00 P.M. 7 Days Per Week



WHAT'RE THEY TALKING ABOUT IN THERE, ANYWAY? — Just like a woman (and what a woman!), this week's Rocket Pin-up, Miss Betty Jeffreys, wants to get in on all the "secrets", — even if it's just the Redstone Rockets football team discussing the next play at a Linton Field practice session. Anyway, if they'd just turn around and look at Miss Jeffreys, they'd REALLY have something to huddle about. A native of Sheffield, our pin-up works in the arsenal's Legal Office and likes football so much she's going to try out for a cheerleader's job on the side.

(Continued from Opposite Page) Jersey since Sept. 4. Sessions are from 8:30 to 6:30 p.m. weekdays, and 9 to 11 a.m. on Saturdays.

Lt. Riggins called attention to the fact that all units on the post are represented on the Rocket Squad, players participating from the Army, Air Force, Marine, Navy and the Ordnance Guided Missile School as well as Redstone Arsenal.

He added that arrangements are being made to have a band to perform at each home game. Also, a boy or cheerleader will be on hand for vocal encouragement.

A complete roster of the Redstone Rockets squad follows:

Name	Position	Wt.	Ht.	Hometown	Unit
Harry B. Newman	End	190	6'	Pennsville, N. J.	9377
Eugene J. Bariko	Tackle	246	6'4 1/2"	Cleveland, Ohio	9330
William C. Matthews	Center	200	6'	New Castle, Del. Hq.	9352
Robert Delaney	Half	169	5'7"	Fairlawn, N. J.	9377
Roy Albison	Half	172	5'10"	Worcester, Mass.	9352
Ronald L. Noone	Center	180	6'	Andover, Mass.	9352
Charles R. Reynolds	Guard	180	5'11"	Kansas City, Mo.	9615
Abner L. Thomas	Guard	203	5'11"	Santa Barbara, Cal.	9377
Joseph Yedzimak	Half	160	5'8"	Meriden, Conn.	9377
Charles Delpino	Guard	175	5'8"	Bronx, New York	9377
Alford Mitchell	End	180	6'3"	Lampasas, Tex.	9330
Robert M. Roney	Tackle	190	6'2"	Downey, Calif.	291st MP
Robert D. Clonce	Tackle	210	5'10"	Gate City, Va.	"B" 9377
Murl Briley	Tackle	240	6'3"	Little Rock, Ark.	"B" 9377
Edward C. Bell	Half	170	6'	Los Angeles, Cal.	78th Or.
Matthew Parker	Half	130	5'3"	Riverside, N.J.	9330
Donald Slyne	Full	185	6'	Hartford, Conn.	291st MP
Walley Brown	Guard	193	5'11"	Pittsburg, Pa.	9330
William Harris	Half	179	5'11"	Memphis, Tenn.	291st MP
Charles Long	Half-Full	170	5'11"	Cody, Wyo.	Hq. 9352
Benjamin Johnston	Full	180	6'1"	Dallas, Tex.	9377
Jim Colosimo	QB	185	6'	Bradford, Pa.	Hq. 9352
Norman Stiff	Half	160	5'9"	Brush, Col.	Hq. 9352
Jerry Heddleson	QB	180	6'1"	Caldwell, Ohio	Hq. 9352
Glenn McNeal	Guard	165	5'9"	Paris, Ark.	Hq. 9352
Don Redmond	HB	175	5'11"	Burlingame, Cal.	Hq. 9352
Stanley Jones	Center	195	5'8"	Wilmington, N.C.	Hq. 9352
James Shiskin	HB	175	5'11"	"A" 9377	
R. R. Anderson	End	190	5'11"	"A" 9377	
Lawrence Carr	End	195	6'2"	"A" 9377	
George D. Bailey		175	5'11"	Rensselian, Ind.	9352
Hank Nakamura	HB	160	5'9"		9615
Gene D. Calhoun		200	6'1"	Mansfield, La.	291st MP
Jim H. Harbison		170	6'	Dickson, Tenn.	291st MP
John Schillo		185	6'	Reading, Pa.	291st MP
Donald C. Peters		140	5'6"		291st MP
Richard Clawson					
Robert N. Dabov	Guard	210	6'1"	Alhambra, Calif.	Hq. 9330
Gred R. Siegel	HB	160	5'8"	Paterson, N.J.	291st MP

Only returnees from last year's squad are Newman, Yedzimak, Parker, Sline, Harris, Harbison, and Schillo.

### DISASTER INSTITUTE SET BY ARC

Oliver Johnson, Disaster Chairman of the Madison County Chapter, American Red Cross, has announced plans for a Disaster Institute to be held in Huntsville, Sept. 18-21.

### FOOTBALL DANCE SET SEPT. 29

A Football Dance will be held at the RSA Officers Open Mess from 9 to 1 on Saturday, Sept. 29, it has been announced.

Dress will be collegiate costume, and prizes will be given for the best male, female, and couple costume.

Music will be provided by Berlin Robbins and his orchestra. For reservations, call 2951 or 2751.

He stated that since its founding in 1881 the American Red Cross has acted for the people of the United States in providing neighborly help to the victims of tornadoes, floods, hurricanes, etc. Wherever or whenever disaster strikes the affected Red Cross chapter closest to the scene has the responsibility of meeting emergency needs of victims. Relief measures undertaken hurriedly under the pressure of an actual disaster cannot be fully effective or economical unless there has been good pre-disaster planning.

Mr. Johnson stated Disaster Preparedness and relief is a responsibility imposed on the American Red Cross by its Congressional charter. Red Cross also has certain commitments to Civil Defense.

If this chapter should be unfortunate enough to suffer from a natural disaster, Mr. Johnson stated the disaster chairman works through the appropriate chapter committees, disaster sub-committees, other community agencies and groups and individuals to perform the duties that they are especially fitted to perform. The Disaster Institute is planned to train the volunteers who will serve on the various sub-committees.

The Institute will open with a general meeting to be held in the meeting room in the Elks Build-

### Reserve Officers Plan Fall Meeting

The first meeting of the Fall for the Huntsville Chapter of the Reserve Officers Association of the U.S. will be held at the Huntsville Elks Club Friday night, Sept. 21.

A social hour for the Ladies Night event will begin at 6:30 p.m. and dinner will be at 7.

Arrangements are being made for an after-dinner speaker. An announcement on this is expected later, local ROA officials said.

For reservations, any of the following should be contacted: Maj. Carl Jones (USAFR), RSA ext. 3926; Maj. Paschal "Pete" Redding, (USAR), RSA ext. 3513; or Lt. Jesse W. Wilson, Jr. (USAR), JE 6-3394.

7,800 Rockets — 16,000 Readers

## LYRIC

THEATRE

"HUNTSVILLE'S FINEST"

LAST TIMES TODAY

JUNGLE GUN-RUNNERS

ALAN LADD ROSANA PODESTA

**SANTIAGO**

LLOYD NOLAN

— Plus — SNEAK PREVUE

WED., — THURS., — FRI.

**SUSPENSE**

THAT CLOSES IN LIKE THE NIGHT!

ROBERT MITCHUM · SHELLEY WINTERS

**The NIGHT of the HUNTER**

LILLIAN GISH

STARTS SUNDAY

Tab HUNTER · Natalie WOOD

**The BURNING HILLS**

### WHITESBURG DRIVE-IN

TUESDAY & WEDNESDAY

Tyrone POWER · Susan HAYWARD

**UNTAMED**

CINEMASCOPE

TECHNICOLOR

RICHARD EGAN RITA MORINO AGNES MOOREHEAD

THURSDAY & FRIDAY

Burt LANCASTER

Anna MAGNANI

**The Rose Tattoo**

VISTAVISION

STARTS SUNDAY

HE WAS FIGHTING MAD!

GARY COOPER

**The Court Martial of Billy Mitchell**

WARNERCOLOR

## LOANS!

TO SERVICE PERSONNEL PROVIDING YOU ARE A RESIDENT OF HUNTSVILLE WITH FAMILY!

Open 8 a.m. to 5:30 p.m. each week day except Wednesday we close at 12 noon.

- Signature Loans ONLY!
- Applications taken by phone!



### UNITED CREDIT PLAN

221 East Holmes Street  
HUNTSVILLE, ALABAMA  
Street Floor Times Building

Phone JE 2-5901

Phone JE 2-5821

# WE'RE

## FOR FALL BUSINESS!

HERE AT UNION DRY GOODS CO.

- COATS** TOTS — TEENS — LADIES  
3 to 6 — 8 to 14 — 8 to 48
- MEN'S U. S. RUBBER RAIN SUITS** See Them
- FOR THE BOYS WE HAVE —
- WESTERN JEANS
  - REGULAR JEANS
  - IVY LEAGUE PANTS
  - SHIRTS AND JACKETS

Shop Here For Safety Toe Shoes!

### UNION DRY GOODS CO.

CLOTHES FOR THE ENTIRE FAMILY

112-114 Jefferson

Phone JE 4-9311

### A Prescription Is Exclusively Yours . .

Those strange marks and symbols on the prescription your doctor writes are made to fit your needs precisely . . . it's exclusively yours. Your doctor expects it to do a specific job on you, and he expects us to follow his directions exactly. Bring your prescriptions here with confidence . . . they will be filled with professional skill from the purest, freshest drugs available.

### BENTLEY DRUG CO.

111 So. Jefferson  
PHONE JE 4-1273  
Home Phone—JE 2-5754  
All Ways Reliable



EXCHANGE OF GAVEL — Mrs. Robert C. Barthle (left) receives the gavel of office from Mrs. O. M. Hirsch at the September luncheon of the Redstone Arsenal Wives Club. Mrs. Barthle is the newly-elected president of the organization which Mrs. Hirsch has headed for the past year.

(Photo by Carl Pickens)

Officers Wives Club Installs Officers

The Officers' Wives Club of Redstone Arsenal held their first luncheon meeting of the season on Tuesday, Sept. 11.

Installation of new officers for the ensuing year followed the luncheon. The new officers are: president, Mrs. Robert Barthle; vice president, Mrs. Rudolph Axelson; treasurer, Mrs. Clifton Nooncaster; corresponding secretary, Mrs. W. H. Lingenfelter; and recording secretary, Mrs. C. M. Schloss.

The retiring officers are: president, Mrs. Oliver Hirsch; vice president, Mrs. Robert C. Barthle; treasurer, Mrs. H. P. Schoenman; corresponding secretary, Mrs. A. R. Burke; and recording secretary, Mrs. R. Anderson. Mrs. Barthle was given the gavel of the office by Mrs. Hirsch.

Mrs. Barthle then introduced the chairmen of all the committees. Mrs. J. M. Stark, Chairman

of the Welfare Committee outlined the projects for the coming year and explained the functions of each committee.

Mrs. Hirsch was then presented an engraved silver bowl by Mrs. Barthle on behalf of the Officer's Wives Club.

The ladies of the Field Service Division with Mrs. Frank E. Napper in charge served as hostesses for the occasion.

The tables and screens were decorated with greenery, and yellow and white flowers. On the buffet and main tables were centerpieces of yellow chrysanthemums and gladioli flanked by yellow candles in silver candelabra. Placards thanking the retiring president and welcoming the new president were displayed behind the main table. All officers were presented with corsages of lavender chrysan themums.

One hundred and thirty-four members attended the luncheon.

7,800 Rockets — 16,000 Readers

Talent Show to be At Service Club

Everyone with a talent for singing, dancing, or any type of showmanship is being sought for a contest to be held at the Rocket Service Club on Sept. 29 at 7:30 p.m., Miss Katie Griffin announced.

Miss Griffin is the recreation director for the club.

She said that all civilians and military personnel are eligible to enter the contest.

Auditions will be held at 7 p.m. on Sat., Sept. 22. Anyone wishing to try out for the finals may do so by calling the Special Service Office, telephone extension 2501 or 4741.

REDSTONE DEPOT

By WANOPHUS (Pronounced One of Us)

The Depot and more especially the Surveillance Office is sorry to lose Pete Parmenter who is transferring to the Letterkenny Ordnance Depot in Chambersburg, Penna., and our best wishes go with him as he makes the move. Our loss is Letterkenny's gain.

The Ammunition Storage and Depot Property Office are excited over moving into the newly decorated field office, Bldg. W-405. The Evaluation and Maintenance Procedure Shop will be set up in Bldg. 885, formerly occupied by the Ammunition Storage and Property Offices.

Sgt. Livingston will be in charge of the Corporal missile display at North Alabama State Fair in Florence, and also at the Mid-South Fair held in Memphis, Tenn. He will be available to give expert advice on the functions and possibilities of this missile.

We are formulating plans to attend the forthcoming Ordnance General Supply Storage Management Seminar. This Seminar will help solve any storage problems that personnel may be having in the storage of Ordnance general supplies.

CANDID CAMERA SHOTS of Redstone Depot personnel: Nancy Lutz was dismissed from the Huntsville Hospital last Saturday and is recuperating nicely. We hope she will be back with us real soon.

Joyce McLendon, Frances Smallwood, and Katherine Leonard are attending the correspondence school this week. Instruc-

Visit The SKYLARK CLUB AND RESTAURANT

28 miles north on Highway 231

SUPERB FOODS

- CHARCOAL STEAKS
- BROILED CHICKEN
- SEAFOODS

— DANCING —

"We are striving to give our customers the very best in everything."



LOOK LIKE SUNDAY EVERYDAY

Sparkling clean, carefully pressed clothes give you extra dividends in comfort, and the assurance that you're looking wonderful.

We Appreciate Your Trade!

MARCUS PENDER CLEANERS SHIRT SERVICE

22 Years at This Address 217 WASHINGTON ST. Phone JE 4-6311

tions given at the school by the capable teacher, Mrs. Lottie Clem, are a great aid to the newcomers to the Arsenal who will be working in the stenographic and clerical fields.

Ruby Russell is attending PEQUO Field Training Program School on machine tools this week.

Gene Smith is also attending the "Clear Writing" course each week and Gus Woodard is enrolled in a new class on the same subject beginning this week.

Finis Castelman is on his way to St. Louis to enter his daughter, Patricia, in the Art School of Washington University.

Dean Swafford and family have been enjoying the balmy beaches of Florida.

Jo Ann Lyle and family have

just returned from the Smokies but were a little late to enjoy the play, "Unto These Hills." Maybe they will go earlier next time.

Eva McGinnis and her husband have returned from a weekend spent touring the Smokies. We are believing that maybe they brought this nice cool weather back with them.

Wantads Are Profitable

Auto Insurance SOLD ON TERMS! 5-10-5 with \$500 extended Medical, \$24 a yr. SR-22 filing, \$39 a yr. By a Stock Company. BRANNER INS. AGENCY Open 'til 8 p.m. JE 4-0146

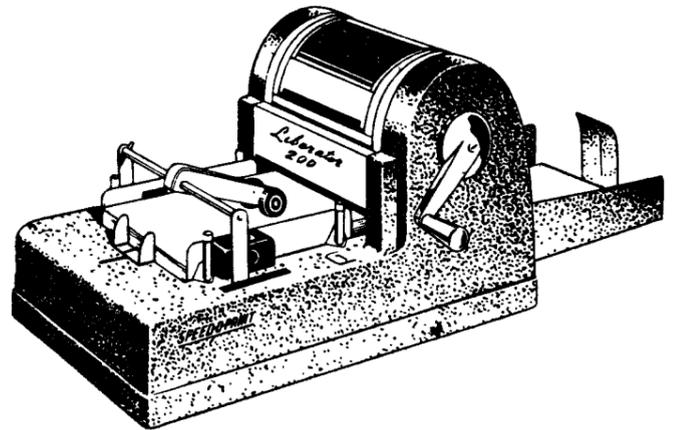


L. L. WHITWORTH New Manager

FIDELITY FINANCE CO., INC.

of Huntsville, Alabama 208 Randolph Street Phone JE 4-7333 (Former location Business Equipment) This Is A Friendly Company — You Are Never A Stranger After Your First Visit

PAYS FOR ITSELF ... OUT OF THE SAVINGS!



With a SPEED-O-PRINT Liberator

MODEL 200 DUPLICATOR. THREE WAY ECONOMY! LOW COST MULTIPLE REPRODUCTION OF ANY MATERIAL THAT CAN BE TYPED, WRITTEN OR DRAWN. ELIMINATION OF PRINTING COSTS. LONG UNINTERRUPTED PERFORMANCE. THERE'S A SPEED-O-PRINT MODEL TO FIT YOUR NEED AND YOUR BUDGET TOO. ASK FOR DEMONSTRATION.

- Accurate Registration
- Large Feed Table Capacity
- 6000 Copies Per Hour
- Minimum Adjustments

Post Card to Legal Size WORLD'S FINEST DUPLICATOR AT THE WORLD'S LOWEST PRICES!

Monroe's

BUSINESS EQUIPMENT

Company On JEFFERSON ST. PHONE 4-1624



Brighten Up Your Living Room With a New Table... A New Lamp... New Chairs.

Here you can browse through two big floors of wonderful furniture values!

HALE BROTHERS FURNITURE COMPANY

Your Crosley — Bendix Dealer

112 CLINTON STREET

PHONE JE 6-2861



GATHER FLOWERS in your CLOTHES BASKET

and take advantage of our

ONE DAY LAUNDRY SERVICE!

Shirts and Pants Small Extra Charge We Also Feature A

3 HOUR SERVICE FOR DRY CLEANING

RAINY DAY and FOLD DRY SERVICE

- We Pick-up and Deliver!
- Drive-In Parking!
- Cash and Carry!

BOB WARD'S Laundry and Cleaners

Phone JE 2-2454

Whitesburg Drive

**Co-op Plan**

(Continued From Page One)

signs him to a laboratory or division where the work will parallel and complement his major field of study. Routine is avoided. Assignments are varied to give wide-spread practical experience.

Robert F. Martindale, of Bartow, Fla., worked in the Corrosion Laboratory of ABMA during his

last work quarter here as a Georgia Tech sophomore in chemical engineering.

"During this quarter I made dye blacks which are placed on missiles to help locate them when they are in flight tested over ocean ranges," Robert explained. "A very intense dye is mixed with a water soluble wax. This allows the dye to color the water thoroughly."

"I also experimented with a very reactive missile fuel to determine some of the things it will not react with," he said.

Fred Johnson, of Athens, Ga.,

an electrical engineering student from Georgia Tech, found the work at the Environmental Testing Lab intriguing during his second work quarter.

"We subjected rockets to a series of tests equivalent to the rough handling they might undergo in combat use," Fred said. "These tests included handling shock, aircraft vibration, storms, rain, saltspray, and extreme temperature conditioning."

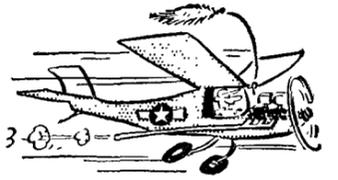
"We drop tested and actually fired rockets, simulating various conditions, such as tropical, arctic, or high altitude aircraft. The high altitude test was accomplished by firing a rocket at a very low temperature and under a vacuum."

Students are supervised closely, and are advanced to positions paralleling their own increasing level of development, inherent ability, and academic progress. This makes the job more interesting to the student, and permits the best use of his new knowledge from schooling.

Accepted students are given a career - conditional civil service appointment. A freshman student is paid while on the job at Redstone at the GS-2 level of \$2960 a year, or \$1.42 an hour, with time and a half for overtime.

His pay increases as he completes each scholastic year. Most freshmen saved about \$300 to

**HOT AIR**



\$350 during a quarter to pay school expenses during the next quarter.

Redstone Arsenal and ABMA hope to have positions available for all Co-op students who want to continue their employment.

**WANTAD**

FOR SALE—7 houses — ranging from 2 bedrooms to 4 bedrooms, price ranging from \$7,900.00 to \$15,500.00. We handle G. I. and F. H. A. Loans.

**YARBROUGH-PESNELL**  
Insurance & Real Estate Agency  
Office Phone 9 Athens  
Res. Phone 1736 or 1075 Ala.  
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 4-7131. tfe

FOR SALE — Guntersville Lake property—good homes, beautiful boats. See or Call WORD Real Estate and Insurance, Guntersville, phone, office, 41-97, residence 3969. Sundays inquire at City Boat Dock. 9-18-c

FOR SALE — "Beautiful restricted Cabin-Site sub-division located approximately two (2) miles from the heart of Guntersville. Thirty (30) beautifully wooded building lots located right on the water from \$1,000.00 to \$2,000.00 with convenient terms available. See or call Woodall Real Estate Agency, Guntersville, Ala., phone 4351 or 3146. tfe

**FOR SALE**  
BEAUTY SHOP — AIR CONDITIONED, 4 OPERATOR SHOP. SAME LOCATION OVER 20 YEARS. OWNER LEAVING TOWN. CAN BE SEEN BY APPOINTMENT AFTER 6:00 P.M. CALL 208 IN ATHENS, OR WRITE: THOMAS' BEAUTY SHOP 215 S. MARION ST. ATHENS, ALABAMA

FOR SALE — New 7-room modern home, large bedrooms, living room, recreation and utility rooms. Hardwood floors, bedrooms, hall, and living room. Bath, kitchen, dinette, recreation and utility rooms rubber tile. 4 large closets, plenty of cabinets storage in kitchen and utility room. See E. H. McDONALD, ¼-mile business district Cullman Rd., Arab, Ala.

**FOR SALE**  
Guntersville  
Exceptionally nice home located in the very best section. Built by owner 3 years ago, best material and workmanship went into the house. If you are looking for an unusually good house, this is it. See Ed Neeley Real Estate & Insurance, Guntersville, Alabama. Phone 3914 or 3230. 9-25-c

HOUSE FOR SALE in Guntersville, new three bedroom home in best section. Very modern and well built. Will sell completely furnished or unfurnished Beautiful Lake View. See Ed Neely, Real Estate, Guntersville, Alabama, Phone 3914 or 3230. 10-9-c

FOR SALE — Imported Italian Accordion, black onyx and ivory, 120 bass with 2 switches, 7 switches on right hand. "Pedro" design like new. Original price \$990.00, will sell for \$375.00. Joe Donahue, Redstone Extension 3907. ttc

FOR SALE — Portrait or Studio outfit, complete, Ansco camera with dividing back and Packard shutters, Ansco elevating tripod, film holders and hangers, in excellent condition. Joe Donahue, Redstone Extension 3709 ttc

HOME FOR SALE — 4 bedrooms, 2 ½ baths, large basement, steam heat in the heart of Guntersville, near schools and churches, beautiful view of lake on large lot, paving and sidewalks already in. Call owner, S. K. Yarbrough, phone 3356. 10-2-p

SPECIAL OFFER! Pre-publication price on new 4-volume set The World of Mathematics by James R. Newman. \$14.95 (regular price, \$20.00). IRA'S BOOK & GIFT SHOP, 222 E. Moulton St., Decatur, Ala. ttc

**LAST OPPORTUNITY ON OUR LAYAWAY BLANKET SALE!**

**SEPTEMBER 30 ABSOLUTELY LAST DAY!**

**BUY NOW and SAVE MONEY!**



SELECT TODAY! YOU HAVE MONTHS TO PAY! A little down, a little each month and these beautiful blankets, comforters and pillows are yours when you need them. MANY MORE IN THIS SALE NOT LISTED in this ad. Blankets with wool contents described here . . . are of new wool . . . not re-processed or re-used wool.

**FINE BLEND BLANKETS**  
WOOL - ORLON - DACRON - NYLON & FINE COTTON

Size 72x84 and 72x90 inch. STYLED IN SEVEN HIGH FASHION COLORS AND WHITE . . . also reversible solid colors . . . sno-white with bold stripe borders and hand screen printed roses on sno-white ground . . . wide acetate satin bindings to match blankets . . . all are hand-somely gift boxed.

**\$4.98 - \$5.95 - \$6.95**

ALSO \$8.98 and \$10.98

You Save \$1 to \$2

**Nylon Cover - Dacron Filled COMFORTERS**

You Save \$2.10 **\$12.88**

BEAUTIFUL PRINTED NYLON COVERS . . . same on both sides . . . pillows available to match . . . both washing machine washable.

**100% VIRGIN WOOL BLANKETS**

Beautiful blankets in solid colors with 7 inch acetate satin bindings to match colors Size 72x84, and 72x90 and 80x90 inch . . . beautiful soft downy blankets . . . also ideal for gift giving on special occasions . . . choose from seven fashion colors.

**\$9.95 - \$11.95 - \$17.95**

YOU SAVE \$2.00 ON EACH BLANKET



We CASH Payroll CHECKS

**DUNNAVANT'S**

YOUR QUALITY FAMILY STORE SINCE 1914

Open Until 8 P.M. THURS.