

# The Redstone Rocket

Published by Jack W. Hoffhaus, a private individual, at Huntsville, Ala. Opinions expressed by the publisher and writers herein are their own and are not to be considered an official expression by the Department of the Army. The appearance of advertisement in this publication does not constitute an endorsement by the Department of the Army of the products or services advertised.

VOL. VIII; NO. 34

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

DECEMBER 23, 1959



**SEASON'S GREETINGS**—Miss Hylan Rowa is shown viewing the oversized drawing of Santa Claus that welcomes visitors to the Fabrication and Engineering Laboratory, Army Ballistic Missile Agency during this holiday season. Miss Rowan is a secretary in the Administrative Management Office of the Lab.

## Math and Science Program for Winter Quarter Announced

The University of Alabama, Huntsville Center, is offering sequences offered in mathematics ranging from beginning algebra through differential equations.

A special course in college calculus is being offered during the Winter quarter which is designed for people who have had college calculus, but who wish a one-semester review of calculus and other basic mathematics.

Basic courses in physics are being offered. Advanced undergraduates will be able to study an introduction to nuclear physics.

Intermediate mechanics, which includes the study of kinematics, dynamics of particle, center of mass, plain statics, moment of inertia and mechanics of rigid bodies, is being offered.

A second-semester general chemistry course will be taught and the lecture portion of physical chemistry is again being offered. (See MATH on Page 2)

## Sec. Brucker Sends Greetings to Holman

Sam R. Holman, an employe of the Redstone Arsenal Finance and Accounting Division, recently received Christmas greetings from Army Secretary and Mrs. Wilbur Brucker.

Holman served with Brucker as a member of the Rainbow Division in France during World War I.

## Carstarphen Receives Familiarization Tour

John A. Carstarphen, counsel for the House of Representatives Science and Astronautics Committee, has spent two days at the Army Ordnance Missile Command on a general familiarization visit.

His agenda included a tour of Army Ballistic Missile Agency facilities and discussions with Maj. J. B. Medaris, AOMC Commanding General, and Dr. Werner von Braun, director of AGMA Development Operations.

He was briefed on the AOMC organization and management, and the missile and space projects assigned to the Army, including the Saturn heavy space vehicle.

## Production Model Of Jupiter Fired From Florida Range

The Army again demonstrated the dependability of its famed Jupiter intermediate range ballistic missile Dec. 16 when it successfully fired from Cape Canaveral, Fla., a production model fabricated by the Army Ballistic Missile Agency.

ABMA was also responsible for designing and developing the Jupiter. Since its inception in February, 1956, the Jupiter has provided the United States with a reliable, nuclear-armed missile with an effective striking range of over 1,500 miles. Though primarily designed as a ballistic missile, Jupiter has, on a number of occasions, exhibited its adaptability to space research projects.

In contributing to the national space effort, the Jupiter served as the booster unit of the Juno II vehicle which launched Pioneer IV - the first U.S. earth satellite to orbit the sun - and the Explorer VII scientific satellite, which contained seven vital radiation and other experiments. (See PRODUCTION, Page 2)



DR. H. W. RITCHEY

## Dr. Ritchey Elected To Thiokol's Board of Directors

It was announced today that Dr. Harold W. Ritchey was elected a member of the Board of Directors of Thiokol Chemical Corporation at the Board meeting.

(See DR. RITCHEY, Page 2)

## Gen. Medaris' Christmas Message Bids Farewell

### ROCKET MOTORS MAY BE MADE IN KANSAS SOON

An Army-owned plant for the production and loading of solid propellant motors, especially in the 5,000 and 10,000 pound range, for tactical missiles, may be established at the Kansas Ordnance Plant, Parsons, Kansas, with Grand Central Rocket Company, Redlands, Calif., as the operating contractor, the Department of the Army announced last week.

The plant would be managed by the Ordnance Ammunition Command for AOMC's Army Rocket and Guided Missile Agency.

Need for the new plant has resulted from the trend toward solid propellants for the Army's missiles, some of which will use motors larger than are now readily available. While the announcement meets the approval of the prime contractor, the decision as to the execution and operation of the plant will probably not be made until completion of an architect engineering contract and will be governed by Army requirements at that time.

Selection of the architect engineer will be the responsibility of the Corps of Engineers. Technical consultant services will be supplied to the architect engineer, whose job it will be to work out complete plans for conversion of the Kansas Ordnance Plant to this type of production. The Kansas Ordnance Plant has been inactive since 1957.

Selection of both site and contractor was made after a comprehensive review by the Department of the Army of a proposal submitted by several qualified manufacturers.

### NO ROCKET DEC. 30

The Rocket will not be published on Dec. 30.

The staff wishes all of the readers a very Merry Christmas and a Happy and prosperous New Year.

They will be back on the job the first week in January.

### Agency Commanders, Commandant, Offer Season's Greetings

Maj. Gen. J. B. Medaris, commanding general of the U. S. Army Ordnance Missile Command, has combined a farewell message with his Christmas message to members of the Command this year. The General will retire on Jan. 31, 1960.

The Christmas message follows:

#### Christmas Message

I want to speak in a more personal vein, through this Christmas message, than I have done in any previous one. In addition to the customary and heartfelt seasonal greetings, this is also my last Christmas greeting to you as a group before my retirement next month. Thus it is also a good-by.

Good-by is a hard word—one of the saddest, most pathetic in any language. It is all the more difficult, for me, when it must be said to you to whom I owe so much and have grown so close in our common efforts over the years.

No one could be more vividly aware than I that this Command could not have accomplished so much—so many momentous things over these past four hard years—without a measure of support from you which has been so inspiringly great, so untiring, so ever faithful and constant that I am unable to express how I really feel about it.

You it was who handed me the one indispensable weapon I needed in this struggle—the greatest weapon a leader can be given: Victories — accomplishments — one after the other—never ending. I could not have failed with people like you to support me. You have ever been sober in victory, fearless in crisis, steadfast. (See MESSAGES, Page 2)

## Nike Zeus Is Fired At White Sands MR To Evaluate Missile

The primary purposes of the Nike-Zeus firing Dec. 16 at White Sands Missile Range were to make evaluations of structural temperature and erosion, and to study operations involved in launching, the Army said.

The Nike Zeus flew an unguided ballistic course. To accomplish this, the guidance fins were locked in zero-degree position.

The White Sands range is 100 miles long and 40 miles wide.

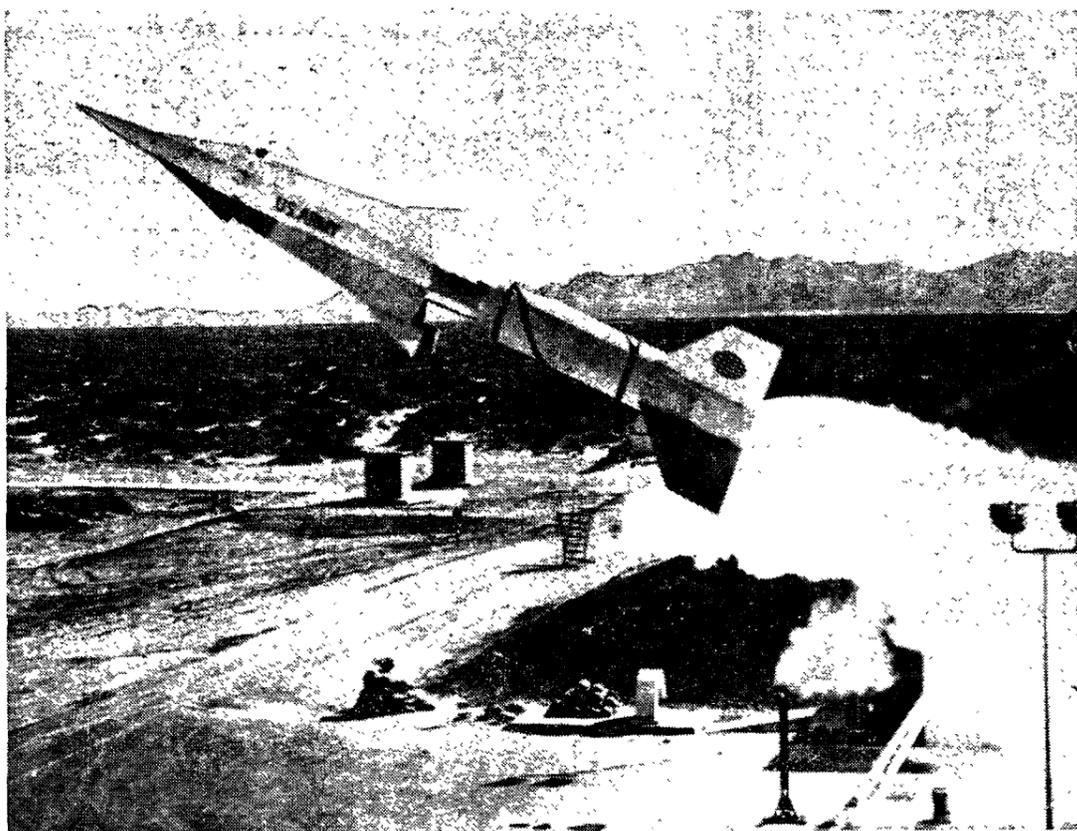
Nike Zeus primary contractor, Western Electric, an subcontractors Bell Telephone Laboratories and Douglas Aircraft Company were responsible for the launch. The actual firing was conducted by Douglas.

Developing 450,000 pounds of thrust, the booster is the largest single-grain solid propellant motor ever fired.

The Army Rocket and Guided Missile Agency, is the developing agency for the Nike Zeus system.

Major decisions on the financing of a production program are under study.

Prime contractor for the system is Western Electric Company. System development is the responsibility of Bell Telephone Laboratories, and responsibility for the missile and missile handling equipment is in the hands of Douglas Aircraft. The rocket motors were produced by Grand Central Rocket Company and Thiokol Chemical Corporation.



NIKE ZEUS TAKES OFF

# 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. 4505, Extension 2722. All advertising copy and payments therefor are received by Mrs. Zillah Newsome, 311 Holmes Ave., N. E., Huntsville, Alabama, P. O. Box 346, telephone JE 4-4701, as representative of the publisher.

The Redstone Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates for the Rocket are \$5.00 a year, or \$2.75 for six months. Mailing arrangements may be made with the publisher.

## DR. RITCHEY

(Continued from Page 1)

held last Friday.

Dr. H. W. Ritchey, vice president and technical director of Thiokol Rocket Divisions, directs the activities of his organization from offices at Thiokol's Redstone Division located at Redstone Arsenal in Huntsville, Alabama.

Dr. Ritchey joined Thiokol in 1949. Since that time, he has guided the propellant development and rocket motor design of the rocket divisions. He has directed programs that have greatly improved rocket motor performance and demonstrated that there is virtually no limit to the size of a case-bonded solid - propellant rocket engine.

His degrees include a BS in Chemical Engineering in 1934, MS in Physical Chemistry in 1936, and PhD in Physical Chemistry in 1938, all at Purdue University and an MS degree in Chemical Engineering at Cornell University. In 1934, Dr. Ritchey was elected to Phi Lambda Upsilon, national chemical and chemical engineering honorary society, and Sigma Xi, national research honorary society.

On Dec. 2, 1954, he received the C. N. Hickman Award of the American Rocket Society based on his outstanding contributions to the field of solid propellant rocketry. He served as Chairman of the American Rocket Society Finance Committee for two years and served as Chairman of the Society's Membership Committee in 1959. Since January 1956, Dr. Ritchey has been a member of the National Board of Directors of the American Rocket Society, and has just recently been elected to serve as Vice President of the society for 1960.

From 1941 to 1946, he served with the U. S. Navy. The last portion of this duty was spent as an instructor at the U. S. Naval Postgraduate School, teaching various courses in Chemistry, Chemical Engineering Thermodynamics, and

## PRODUCTION

(Continued From Page 1)

The extreme accuracy of the Jupiter was exemplified when a series of nose cones, one carrying space monkeys Able and Baker, were quickly recovered, intact, after traveling the standard IRBM range.

With its research and development program fast coming to an end and tactical versions scheduled for deployment in Europe to complement the Shield Forces of the North Atlantic Treaty Organization, the Jupiter continues in the spotlight of the nation's defense program. Jupiters, for example, will be used as target missiles in testing the Army's new Nike-Zeus anti-missile missile system.

## MATH

(Continued From Page 1)

The Winter term begins January 4th. Registration will begin at 9 a.m. on Jan. 4 and continue through Jan. 5. Classes begin on Jan. 6.

the Mechanics and Thermodynamics of Jet Propulsion. He has also had experience in research and engineering assignments with both the petroleum industry and in the field of nuclear reactors.

Dr. Ritchey has contributed numerous publications and holds patents in the fields of rocket technology and astronautics as well as in the fields of petroleum technology and atomic reactor technology.

## Rhymes of the Times

CHRISTMAS BRINGS OUR HOPES NEW LEASE FOR GOOD TOWARD MEN AND LASTING PEACE.  
Ages...AFPS



## MESSAGES

(Continued from Page 1)

against the threat of defeat. And always magnificent.

What a memory I am privileged to take with me! What a legacy to pass to my successor! For General Schomburg, too, I know you will continue to display all those qualities that make me so proud, humble and grateful as I recall them now.

I have indicated here how difficult it is to tell you good-by. But I need not leave this message with a reflection of personal pain. For it will soon be Christmas. And all of that great event we are about to observe, all which it majestically embraces and implies, is founded on one Man who told us that if we but follow His Way, there need never be good-by. Permit me to add a bit to that thought:

It has been said that man is soon to embark on his supreme adventure—the personal exploration of space. I say let us never forget that the Galilean has said there is also a Kingdom within us.

It has been said that to gain the MATERIAL promises of the future, we must accept unprecedented challenges and difficulties. I say let us pray that we not forget HIS promise for the future too.

Surely no good-by could ever be tempered with so fine a promise—one that brightens the heart and lifts the hopes, not only of myself but of men and women all over the world.

In the spirit of His great understanding, then, I am free to great you honestly and happily with wishes for the merriest and best Christmas ever, and am also now content to say good-by—deeply and gratefully from the heart of one who has known you well, and loved you all.

J. B. MEDARIS  
Major General, USA  
Commanding

Messages of other Agencies of the Command and the Commandant of the U. S. Army Ordnance Guided Missile School follow:

TO: All Military and Civilian Personnel

The approaching Holiday Season will be one which the Army Ballistic Missile Agency may observe as members of an organization which has won the admiration of our nation for its outstanding successes in missile and exploration of outer space. Your achievements have been a result of a rare combination of ability, resources, patience, hard work, and fortitude. You have become a team without equal. I am sure that this team spirit and pride of

workmanship will continue to influence the work of those who are proposed for transfer to the National Aeronautics and Space Administration, as it will those who remain with the Army Ballistic Missile Agency.

I deeply appreciate the loyalty, willing cooperation, and support you have given ABMA during the past year and since its birth. The strong friendships which have been formed as we have worked together will endure long after we begin our pursuit of separate objectives. NASA will rightfully have first claim to the allegiance of those who transfer, but we will become immediate good neighbors.

May your Holiday Season be filled with happiness and the spiritual value of Christmas be more heartwarming this year than ever before. A prayerful observance of the birthday of One who promised peace to mankind should light the path for our entry into a New Year filled with challenge, opportunity, and peace.

J. A. BARCLAY  
Brigadier General, USA  
Commander

### Christmas Message

The observance of Christmas distinctly sets it apart from all other holidays. The use of holly, the Yule log, the Christmas tree and Santa Claus has become symbolically connected with the real purpose of worshipping Christ. The desire to express love and warmth toward our fellow men also finds fulfillment at this season in the giving of gifts and exchange of greetings.

In the true meaning of Christmas, I send my warmest Season's greetings to all members of the Army Rocket and Guided Missile Agency and your families. May you and your friends enjoy a happy holiday, and a prosperous

and healthy New Year.

Your loyal support and cooperation, which have made 1959 a fruitful year for this Agency, are deeply appreciated. Substantial progress has been made in our assigned missions because of your able and unflagging efforts and those of our numerous contractors in private industry.

The New Year will of course bring new tasks, new problems, and still greater challenges. But

(Continued on PAGE 3)

## LOCAL & LONG DISTANCE MOVING • STORAGE



"A Mayflower Move Is A Good Move"  
Call JE 2-2445  
WHITE-MAYFLOWER



Save money and protect your family both at the same time through Life Insurance.

It Is a Good Policy to See  
**JESSE ANDERSON**  
General Agent  
Provident Life and  
Accident Insurance Co.  
Phone JE 4-7651

## MILLER Appliance Furniture COMPANY

Your



Dealer

### QUALITY FURNITURE

At LOW Prices!

We Have A Large Selection of  
Tables - Chairs - Mirrors  
And Other Gift Items

Phone JE 6-1882

113 W. Clinton



Many thanks for your loyal friendship and patronage. If good wishes were snowflakes, we'd snow you under a blizzard of them! Have a wonderful holiday season!

## THRIFT'S

SELF-SERVICE

At the Sign of the Big Scotsman on So. Memorial Parkway



Many and marvelous are the joys of this festive season. We wish you a bountiful share of all of them!

## HILL CHEVROLET CO.

35 Years Your Chevrolet and Cadillac Dealer

**MESSAGES**

(Continued From PAGE 2)

I am confident that you will overcome any future difficulties as successfully as you have overcome those which have arisen in the past, and that you will raise every opportunity to work for an increasingly happy and satisfying life for yourselves and your loved ones, and thus inevitably for all men everywhere.

J. G. Shinkle  
Brig. General, USA  
Commander  
Army Rocket and Guided Missile Agency

**Christmas Message From Col. McCloskey**

I appreciate this opportunity to send my personal best wishes to all Redstone Arsenal employees and their families for a joyful Christmas and a New Year filled with prosperity and happiness. May the light of the Christmas Star, with its Eternal Message, guide us through the days to come.

I greatly appreciate the loyalty and assistance which you have shown me during 1959. Without your generous co-operation, we would have been unable to provide adequately for the rapidly expanding organizations located on this post. I would like to ex-

tend Season's greetings to the members—and their loved ones—of all the agencies here which we support: The Army Ordnance Missile Command, the Army Ballistic Missile Agency, the Army Rocket and Guided Missile Agency, and the Ordnance Guided Missile School.

I would also like to include the good people of Huntsville and Madison County in these greetings. No finer spirit of cooperation and mutual respect could exist than that evidenced in the daily contacts of Arsenal people and Madison County residents.

The addition of another agency on the post in 1960—the National Aeronautics and Space Administration—will broaden the scope of responsibility of Madison County as well as our own. But if the past foreshadows the future, as wise men through the ages have declared, then I am confident that any problems which may arise as the result of this addition of new friends and colleagues will be solved promptly and most satisfactorily by the alert and progressive people of this installation and this community.

Owen T. McCloskey  
Colonel, USA  
Commander,  
Redstone Arsenal

Col. Charles W. Eifler wreath-

ed his Christmas message in Dutch (Vrolijk Kerstfeest), Spanish (Felices Pascuas), French (Joyeux Noel), German (Froliche Weihnachten), Italian (I Migliori Auguri per Il Santo Natale), Greek (Kala Christoygenna, Norwegian (God Jul), Turkish (Noel Dayrami), and Chinese for which there is no equivalent in our alphabet, to include the Allied troops studying at OGMS.

The spirit of Christmas has special meaning this year at the U. S. Army Guided Missile School for it is being expressed in the languages of many of our Allies who are students here.

But no matter what words are used to say it, the ancient greeting carried with it humanity's eternal hope for peace on earth and good will to all mankind.

Merry Christmas and Happy

**NAVAL RESERVATIONS TRAIN**

Three members of the Naval Reserves Research Company 6-17 of Huntsville, Ala., have returned from two weeks annual training duty.

Cdr. A. E. Moore, USNR of AOMC took on-the-job training in the Patent Division of the newly organized Bureau of Weapons, Washington, D. C.

Lt. R. L. Butler, Jr. USNR of ARGMA received on-the-job training in the Office of Naval Re-

New Year.

Col. Charles W. Eifler,  
Commandant  
Ordnance Guided Missile School.

search, also in Washington. Cdr. J. D. Beal, Jr., USNR of ABMA participated in the Navy sponsored Nuclear Science Research Seminar at Oak Ridge, Tenn.

**U. S. TIRE SERVICE**

For  
**U. S. TIRES**  
And  
Fully Guaranteed  
**COMPLETE RECAPPING SERVICE**  
Located Across From Butler High School  
**DIAL JE 2-5312**



For Happier Living!

NEWLY RECONDITIONED, GUARANTEED

**USED APPLIANCES**

— YOUR CHOICE OF COLORS —

- ★ SMALL DOWN PAYMENT
- ★ SMALL MONTHLY PAYMENT

AUTOMATIC WASHERS, All Kinds	-----	\$39.95 Up
WRINGER WASHERS	-----	\$19.95 Up
ELECTRIC RANGES	-----	\$29.95 Up
GAS RANGES	-----	\$19.95 Up
REFRIGERATORS, White and Color	-----	\$49.95 Up

**SOUTHERN EXCHANGE STORE**

Next Door to Southern Furniture

PHONE JE 6-3501

**TO MEN**

Working In Industry

If you want to make extra money on off duty hours by furnishing us with prospects' names for new and used cars—See or call C. D. King or A. W. Hill Jr., for more information.

Phone JE 4-4561

**HILL**

CHEVROLET CO.

35 Years A Chevrolet Dealer

Your

**Credit Union**

Offers



Your Benefits

**CONVENIENCE**

—of borrowing from your Credit Union. Convenient pay-by-mail forms are available for your use.

**LOW COST**

—financing at the rate of 1% per month on the unpaid balance. There are none of those "extra" charges which increase the cost.

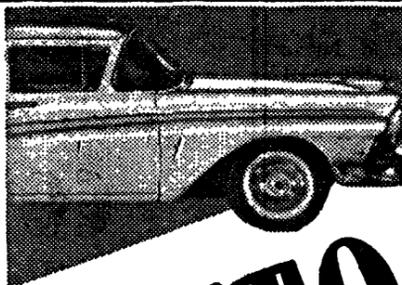
**LIFE INSURANCE**

—protection equal to your balance is automatically provided in an amount equal to your loan balance until the loan is paid in full, at no additional cost.

**CONFIDENCE**

—in borrowing from the Credit Union will be yours, mile after mile.

Compare the Total Cost—then visit your Credit Union for a sound deal . . . The advantage of a low purchase price may be more than lost if you pay too much for financing.



**AUTO LOANS**  
with low-cost financing

Follow These Simple Steps:

1. Select the car you wish to purchase.
2. Provide the necessary descriptive information, about the car, to the Credit Union.
3. Prepare your application for loan and sign an authorization for payment to the dealer.

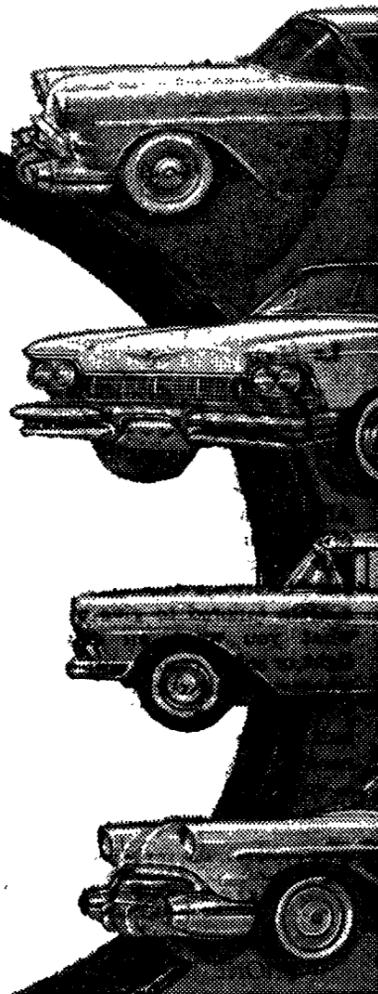
UPON APPROVAL OF YOUR APPLICATION, YOU MAY COMPLETE THE REQUIRED PAPERS AND RECEIVE THE CHECK TO PICK UP YOUR CAR.

**REDSTONE FEDERAL CREDIT UNION**

OFFICE HOURS 10 A.M. TO 4 P.M.  
MONDAY THRU FRIDAY

BLDG. 3649, REDSTONE ARSENAL

TELEPHONE EXTENSIONS  
3-5883 — 3-5886



# Social News

## Mrs. Medaris To Be Honored at Luncheon

The Redstone Arsenal Officers Wives Club will hold a farewell luncheon for Mrs. J. B. Medaris, wife of Maj. Gen. Medaris, Commanding General of the Army Ordnance Missile Command, on Jan. 8 in the Hawk Room at the Officers Club.

The luncheon will be preceded by a social half hour beginning at 12:30 p.m. Reservations to attend should be made with Mrs. Robert Kessler, ext. 5-8952, Mrs. Glenn Crane, ext. 5-7063, or Mrs. Jay Dasche, ext. 5-8049.

Gen. Medaris has announced his intention to retire from active duty on Jan. 31.

## Miss Knight Is Installed As Head Of Toastmistresses

New officers were installed at the last meeting of the Huntsville Toastmistress Club. They are: Miss Corrie Knight, president; Mrs. James Spencer, vice president; Mrs. Carol Bjork, secretary and Mrs. Donald Ackerman, treasurer. Miss Dolli Wiginton continues as Club Representative.

Miss Knight is Redcross Field Director for Redstone Arsenal, Mrs. Ackerman is a Personnel manager assistant at the Army Ballistic Missile Agency, and Miss Wiginton is a publications writer at the Army Rocket and Guided Missile Agency. The outgoing pre-

## Fab Lab Holds Its Christmas Party

Personnel from the Fab Lab, Army Ballistic Missile Agency, held their annual Christmas Party at the Amvets Club last Thursday night.

The party started with a social hour and buffet supper followed by dancing to the music of Milard Buchamann and his orchestra.

Approximately 226 members of the Fab Lab staff attended the party. The planning committee consisted of Walter Crumpton, chairman; Paul Dumire, Nat Ettingoff, Sam McLendon and Dwain Walters.

## Mrs. Sevareid and Capt. Kirk Win At Couple's Bridge

The Couples Bridge group met Monday night Dec. 14 at the Officers Club for a Christmas party dinner and weekly competition.

Seven tables were in play. High among the women went to Mrs. John Sevareid, with Mrs. Robert K. Wensley second. Capt. Robert Kirk was high among the men with Ben Keyserling second.

The group will hold its next meeting on Monday evening, January 4th, at 7:30 p.m. Reservations should be made not later than noon Saturday, January 2, with Mrs. Sevareid, ext. 5-7841.

sident is Mrs. George Warren, a personnel management assistant at ARGMA.

The installing officer was Mrs. L. K. Wood. The Christmas theme was carried out through the table decorations, the installation ceremony and table topics. In lieu of the usual program, the remainder of the evening was devoted to Christmas music and an exchange of gifts.

Mrs. O. J. Sheets, a former member, was a guest at the meeting.



**CHRISTMAS COFFEE**—Mrs. James M. MacDonnell (right) entertained members of the Redstone Arsenal Officers Wives Club sewing group with a Christmas coffee at her home on Wednesday morning. Among those attending were Mrs. Chandler M. Whalen (left), and Mrs. D. H. Mytinger (center), who wore styles of their own creation. Mrs. Whalen's suit is of black serge while Mrs. Mytinger's dress is a silk print. Others present for coffee were Mrs. Harry A. Lawson, Mrs. Thomas F. Gannon, Sr., Mrs. J. R. Jeffries, and Mrs. D. O. Rouse. Mrs. MacDonnell is chairman of the sewing group.

## PiKA Plans Dance At Country Club

The Pi Kappa Alpha fraternity's local alumni association plans its 30th annual Christmas party and dance at the Huntsville Country Club on Dec. 26.

Charles Cason of the Army Rocket and Guided Missile Agency is in charge of the publicity program this year. He said that reservations should be made early through George Mahoney at Jefferson 2-5281.

Ralph Jones of Thiokol Chemi-

**TESTIMONIAL:** "Savings Bonds, to me, mean the ultimate in a sound future with the best of security. I am helping my country while also benefiting myself." — Miss S. A. S. (Secy, DA Civilian)

**ARMY MISSILE FIRST:** The first U. S. modern military ballistic research test vehicle (the PRIVATE A) was fired in December 1944.

cal Corp., the Association secretary, said that reservations would be limited to approximately 100 couples.

**Complete Book Service**  
**THE BOOK SHOP**  
 Russel Erskine Bldg.  
 — OPEN —  
 MON. Thru FRI. — 9 'til 9  
 SATURDAY — 9 'til 6  
 Closed Sundays

AS YOU LIKE IT  
 your next wave

La Maur  
**Caprice**  
 Permanent Wave

Allows you to select the type of curl you want regardless of hair texture or condition—our "Caprice Permanent" is custom tailored to give you what you want—an extra tight, or softly casual curl—whatever your curl desire—you'll love to wear in your hair, this new "Caprice Permanent"

Make a date with "Caprice" today.

**QUICK'S BEAUTY SALON**  
 Greene Street  
 PHONE JE 4-4551

**LAUNDRY**  
 SHIRTS  
 PANTS  
 DRY CLEANING  
 ● NO EXTRA CHARGE FOR 1 DAY SERVICE  
**Bob Ward's**  
**Laundry & Cleaners**  
 Whitesburg Drive  
 PHONE JE 2-2454

**Fresh Merry Christmas**

**FRESH . . . DONUTS — GOODIES**  
 PASTRY — ALL TYPES

SUNDAY THROUGH FRIDAY — 6 A.M. TO 11 P.M.  
 SATURDAY NIGHT — 6 A.M. TO 8 P.M.

**CORMAN'S**  
**DO - NUT - SHOPS**

506 Andrew Jackson Way, N.E. — Governors Drive and 2420 North Memorial Parkway, Located Pearsall Shopping Center

In the spirit of Christmas, we're wishing you a most joyous holiday.

**FURNITURE**  
**OUTLET STORE**  
 Meridianville, Ala.

**GREETINGS**

Here's a holiday tradition we really cherish . . . time out to tell you how much your loyal friendship and patronage mean to us and to wish you and your family a very healthy, happy and cheerful festive season!

**RAY — BRADFORD**  
 LINCOLN - MERCURY  
 917 Meridian, N.



**AOMC SOLDIERS PRESENTED ROCKET**—PFC Harvey J. Wolf, who contributed 300 per cent over his "fair share" in the recent United Givers Fund Drive at the Army Ordnance Missile Command, receives the "Fair Share—100 Per Cent Participation Rocket" for his detachment from Brig. Gen. John A. Barclay, deputy commanding general of AOMC. The Headquarters and Headquarters Detachment of USAOMC had 107 per cent of their "fair share" and 100 per cent participation in the drive.

"Keep the holiday season happy for everyone," says Fitzsimons | Army Hospital's STETHOSCOPE. "Drive safely!"

**80% OF BALDNESS IS NOT NECESSARY**

Your Case May Be Curable — Come In Now For A **Free Analysis and Treatment** In Private By Our Trained Trichologist

**DAVIS HAIR & SCALP CLINICS**

1003 TIMES BLDG. PHONE JE 9-3851  
Monday thru Friday — 12 Noon to 8 P. M.  
Saturday — 10 A. M. to 3 P. M.



Scheduled Airlines Ticket Offices

SAVE TIME — SAVE MONEY

- Family Plan
- Time Pay Plan
- Air Freight
- Air Tours

Buildings 3684 — 4505 — 4488

Post Transportation — AOMC — ABMA

Phones 3-5836 — 3-5851 — 3-5723



**FREE**

**INSPECTION**

**OF YOUR HOME — BUSINESS**

Free Your Home of Household Pests

**Fast Radio Dispatched Service**

— CALL JE 6-8581 TODAY! —

**NORTH ALABAMA TERMITE CO.**

IN HUNTSVILLE  
206 Church Street  
Phone JE 6-8581

IN DECATUR  
237 East Moulton St.  
Phone EL 3-6461

**UNIVERSITY OF ALABAMA, HUNTSVILLE CENTER**

Winter Quarter, Jan. 4, 1960—Mar. 17, 1960 — Butler H.S. Bldg. JE 6-1596 or JE 2-3751  
MONDAY — WEDNESDAY 5:50—7:55 P.M.

Course	Prerequisite	Sem. Hrs.
A.E. 92, Airplane Performance	A.E. 91 or Parallel MA 51	3
Accounting 102, Advanced Cost Accounting	Accounting 101	Cert. Cr.
Art 11a, 11b, 12a, & 12b, Drawing I (Mon. only 6:00 to 10:00)	None	1½
Art 37a & 37b, Beginning Ceramics (Wed. only 6:00 to 10:00)	None	1½
C. E. 31, Land Surveying	C.E. 1	3
C. H. E. 12a, Chemical Process Calculations, Part I	CH 2	3
(1) Citizenship (Selected Mondays 6:00 to 8:00)	None	NC
Drawing 32, Engineering Drawing II (6:00 to 10:00)	Drawing 31	2
Drawing 33, Descriptive Geometry (6:00 to 10:00)	Drawing 31	2
Economics 11, Principles of Economics	None	3
Economics 90, The Development of Economic Thought, Part I	Econ. 11 & 12	2
English 03, Fundamentals of English	None	NC
English 1, English Composition	None (2)	3
English 65, Shakespeare	9 Hrs. English	3
Government Military Contracting	None	NC
History 2, History of Western Civilization	None	3
Human Relations for Medical Assistants (Mon. only 6:00 to 8:00)	None	NC
I. E. 103, Industrial Hygiene & Safety	Jr. Standing	2
I. E. 190, Industrial Application of Statistics	I.E. or equivalent	2
Mathematics 01, Elementary Algebra	None	NC
Mathematics 9, College Algebra	None (2)	3
Mathematics 11, Introductory College Mathematics	Math 9 or 3 units of high school mat (2)	3
Mathematics 25, Analytical Geometry and Calculus	Math 15	3
M. E. 108, Internal Combustion Engines	M.E. 102 or 109	3
M. E. 153, Gas Turbines and Jet Propulsion	M.E. 108 & 102 or equiv.	3
Physics 7c, Technical Physics (Electricity & Magnetism) Lab	Physics 5c or 6c	4
(3) Physics 72, Intermediate Mechanics	8 hrs. of Physics	4

- (1) Offered without cost for persons desiring to prepare for examinations for citizenship.
- (2) Students beginning college English or mathematics must take placement tests before classes begin.
- (3) Problem sessions Thursdays 6:00-9:00, or to be arranged.

**MONDAY — WEDNESDAY 7:55—10:00 P.M.**

Accounting 1, Principles of Accounting	None	3
Accounting 3, Accounting Analysis	Accounting 2	3
Biology 2, General Biology Lab; Thursday 6:00 to 10:00	None	4
Business Law 52, Introduction to Business Law	Business Law 51	3
Chemistry 141, Physical Chemistry (Less Lab)	PH 6, CH 24, MA 51	3
Economics 12, Principles of Economics	Economics 11	3
English 1, English Composition	None (2)	3
English 2, English Composition	English 1	3
English 6, English Literature	English 1 and 2	3
English 52, Fiction Writing	Perm. of Instr.	4
Finance 51, Money and Banking	Economics 11, 12	3
German 55, German Conversation	German 3, 4, or 9, 10	3
GES 12, Engineering Preview	Math 15	2
History 48, History of England since 1660	Soph. Standing	3
I. E. 99a, Methods & Measurements	I.E. 49, 51, and 55	3
Or special permission of the instructor. Lab on selected Saturdays on Campus		
Mathematics 15, Trigonometry	Math 11 or 9	3
Mathematics 49b, Calculus and Analytical Geometry	Math 49a	2
Mathematics 51, Special Problems in Calculus	10 hrs. of Calculus	NC
Mathematics 76, Solid Analytic Geometry	12 hrs. in Depart.	3
MH 109, Fluid Mechanics. Lab on selected Saturdays on Campus	MH 82	3
Philosophy 5, Introduction to Logic	None	3
Physics 5c, Technical Physics (Mechanics) Lab: Mon. 5:00-8:00	Math 15	3
Psychology 7, Psychology of Adjustment	Psychology 1 or 3	3
Spanish 1, Elementary Spanish	None	3

**TUESDAY — THURSDAY 5:50—7:55 P.M.**

Biology 9, Heredity	Soph. Standing	2
Chemistry 2, General Chemistry. Lab: Monday 6:00 to 10:00	MA 9 or 11	4
Drawing 31, Engineering Drawing I (6:00 to 10:00)	None	2
Drawing 35, Architectural Drawing I (6:00 to 10:00)	None	2
Drawing 42, Production Illustration	Drawing 33 or equiv.	2
E.E. 91, Electrical Machinery (Less Lab)	PH 6 and MA 51	2
English 1, English Composition	None (2)	3
English 2, English Composition	English 1	3
English 9, American Literature	English 1 and 2	3
French 2, Elementary French	French 1	3
German 3, Intermediate German	German 1 and 2	3
History 118, Constitutional History of the U. S.	15 hrs. in Dept. or 12 hrs. & Sen. Stand.	3
Marketing 1, Industries and Commerce	None	3
Mathematics 02, Plane Geometry	None	NC
Mathematics 49a, Calculus and Analytical Geometry	Math 25	3
Mathematics 98, Introd. to the Theory of Differential Equations	12 Hrs. in Depart.	3
M.E. 1, Mechanisms. Lab: Monday 6:00 to 10:00	DR 31, MA 51 & PH 5	4
M.E. 2, Mechanisms	DR 31, PH 5, or MA 49	2
M.T.E. 102, Metallurgy of Iron & Steel	CH 2, PH 5	3
Mus 23, Introduction of Music Listening (Tuesday only)	None	2
Physics 73, Introduction to Nuclear Physics	8 Hrs. of Physics	3
Political Science 3, Functions of American Government	Political Science 1	3
Russian 2X, Elementary Russian	None	NC
Sociology 7, Rural Sociology	Sociology 1 or 3 or Eco. 12	3
Technical Writing 1	Permis. of Instr.	NC

**TUESDAY — THURSDAY 7:55—10:00 P. M.**

Accounting 2, Principles of Accounting	Accounting 1	3
(4) Astronomy 4, Solar & Stellar Astronomy	None	2
E. E. 3, Direct Current Circuits	PH 6 and MA 49	3
(5) E. E. 4, Direct Current Circuits	E. E. 3	3
English 2, English Composition	English 1	3
English 71, Poetry and Prose of The Enlightenment	9 Hrs. of English	3
German 2, Elementary German	German 1	3
History 22, The United States Since 1865	None	3
Investments 1 (Tues. only 8:00 to 10:00)	Perm. of Instr.	NC
Mathematics 01, Elementary Algebra	None	NC
Mathematics 9, College Algebra	None (2)	3
Mathematics 15, Trigonometry	Math 11 or 9	3
Mathematics 25, Analytical Geometry and Calculus	Math 15	3
Mathematics 51, Calculus	Math 49	3
M.E. 51, Thermodynamics	MA 51 and PH 6	3
M.E. 61, Mechanical Engineering, Laboratory (6)	Concur. with ME 51	1
M. E. 102, Thermodynamics	MA 51 & PH 6	3
M. E. 106, Heat Transfer	M.E. 51 or 102	3
Management 51, Industrial Management	Economics 11, 12	3
M. H. 81, Statics	Math 51, Phys. 5, GES 12	3
(7) M.H. 94, Strength of Materials	MH 81 and MA 51	4
M.H. 95, Strength of Materials, Laboratory(6)	MH 93 or 94	1
Physics 6c, Technical Physics (Heat, Light & Sound) Lab. Tues 5-8)	Math 15	3
Psychology 1, Introduction to Psychology	None	3
Psychology 72, Social Psychology	9 Hrs. in Depart.	3
Sociology 6, The American Family	Soc. 1 or 3 or Home Ec. 30	3

ENTRANCE TESTS: All beginning college students wishing to enroll in college English or mathematics courses must take placement tests which are given only at times indicated below:  
English—Tues., Dec. 8, 6 p.m.—Rm. 106; Tues., Jan. 5, 7:30 p.m.—Rm. 106.  
Mathematics—Wed., Dec. 9, 6 p.m.—Rm. 106; Tues., Dec. 15, 6:00 p.m.—Rm. 107; Tues., Jan. 5, 6:30 Room 107.

- (4) This course will include Solar only this term.
- (5) Extra sessions required—Monday 6:00 to 9:00.
- (6) To be held on Saturday at the University Campus in Tuscaloosa. Hours to be arranged.
- (7) Since this is a 4-Semester hours course, 7 extra 2-hr lecture periods are required. These are to be held at the Miller Building Annex on Fri. evenings from 5:30-7:30 beginning January 29. Regular Registration—Jan. 4-5; Classes Begin—Jan. 6; Late registration begins—Jan. 6; Last day of registration for credit—Jan. 13.



A CHRISTMAS PAGEANT was presented recently by pupils of the 4th, 5th, and 6th grades of Madison Pike School as part of the regular monthly meeting of the Parent-Teacher Association. About 600 people saw the re-enactment of the birth of Christ in the manger and heard the children's chorus of 43 voices sing several Christmas Carols. The PTA voted to make a contribution toward the purchase and installation of curtains for the school auditorium stage. The membership also voted to provide \$200.00 for the purchase of library books and voted overwhelmingly against a resolution recommending publication of the names of juvenile delinquents. Room count for December was won by Mrs. Elliott's 1st grade class and Wilma Cathey's 4th grade class. Refreshments were served by the third grade room mothers.

Members of the Choir: (kneeling left to right) Diane Brooks, Joyce Bricker, Nancy Riley, Betsy Cobb, Linda Patterson, Brenda Smith, Sue Lynn, Steven Rickard, Ann Marie Haughly, Norma Jean Booth, Robert Crow, Darlene Pocus, Second row: (left to right): Kathy Barnard, Lana Cowart, Kay Clanton, Christ Benton, Janice Craig, Pat McHugh, Robert Gurley, Ryan Carter, Debbie McDaniel, Steven Johnson, Migdala Rodriguez, Nancy Mapes, Carla Williams, Debra Williams. Third row: Alisia Russ, Renee West, Sue Rodowalt, Vana Christian, Jamie Black, Joe King, Janet Cornelison, Jeffery Chatte, Molly Gannon, Valerie Alston, Fourth row: Virginia Tucker, Peggy Stan, Shelia Hartley, Carolyn Walton, Dana Cowart, Theresa Rutledge. Music was under the direction of Mrs. Kenneth Thomas. The pageant was directed by Mrs. Francis Smith and Miss Lou Ella Walls.

### Golf Group Presents Silver Pin Marker To Mrs. Medaris

The golf group of the Redstone Arsenal Officers Wives Club held its Christmas luncheon on Wednesday, Dec. 16, with thirty-three ladies attending.

During the event the group presented a silver pin containing a golf ball marker to Mrs. J. B. Medaris, Commanding General of the Army Ordnance Missile Command as a farewell token.

Three golf contests were held by the group preceding the luncheon. Winners were:

Longest drive on number one hole: Mrs. C. J. Payne, first; Mrs. J. G. Zierdt, second, and Mrs. H. H. Wishart, third.

Drive closest to the pin on hole number eight: Mrs. R. O. Lehtonen, first; Mrs. G. P. Levy, second; and Mrs. S. C. Holmes, third.

Putting contest: Mrs. H. H. Wishart, first; Mrs. C. M. Whalen, second; Mrs. R. O. Lehtonen, third.

### Births at Post Hospital

Nancy Gail Soshinsky, 6 lbs., 2 ozs., Dec. 10, daughter of M/Sgt. and Mrs. Brounislav J. Soshinsky.

Ann Young Spragins, 6 lbs., Dec. 13, daughter of Col. and Mrs. Robert B. Spragins.

Kathleen Mary Morse, 7 lbs., 8½ ozs., daughter of 1st Lt. and Mrs. Guy P. Morse.

James Dorsey Lowe, Jr., 6 lbs., 9 ozs., Dec. 15, son of SP-5 and Mrs. James. D. Lowe.

## O. T. CATHA & CO.

TOYS and



- OPEN ON SUNDAYS From 9 to 5 for Your Shopping Convenience
- OPEN 'TIL 8 P.M. THRU DECEMBER 13 — Then 'til 9 p.m. to Christmas

— Huntsville's Only Train Dealer —

ENJOY THE SPECIAL THRILL OF RUNNING YOUR OWN RAILROAD

— Model Railroad Sets —

— Complete Line of Toys —

216 Washington St., N. E. — Phone JE 6-4674

Across From Marx-Fitzgerald

# LOANS!!

"Fastest Loan Service in Town"  
**MONEY IN 10 MINUTES**

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

## LOCAL FINANCE COMPANY

111 EAST HOLMES STREET  
(Across Street From Post Office)  
H. E. Hilliard — Phone JE 4-1671 — Huntsville

For Your "Plight Before Christmas"  
We've Got All the Answers!

★ GIFTS OF DISTINCTION



★ IROQUOIS Casual China

## The Hutchens Company Inc.

Wholesale and Retail — Established 1886  
TWO STORES TO SERVE YOU  
Jefferson at Clinton, JE 6-3311 — Parkway City, JE 4-6406



TRICYCLES



Sizes 10", 12", 16"

\$995 UP

GUNS and  
HOLSTERS



\$2.98  
Up

DOLLS

\$3.98  
Up



LARGE Selection  
of other  
TOYS!

- Tiny Tears
- Horseman
- Ideal
- Betsy Wetsy

# JONES LUMBER COMPANY

Corner Clinton & Parkway

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

## THE JEWEL SHOP

"The Home of Diamond Values"

Diamonds-Watches  
Jewelry  
FOR ALL OCCASIONS

EXPERT WATCH  
AND JEWELRY REPAIR

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

IN AUTO FINANCING—  
Compare Costs



BEFORE  
YOU MAKE  
A DEAL!

GOVERNMENT EMPLOYEES  
CONTRACT ALWAYS  
COSTS LESS!

- TERMS TO 36 MONTHS
- UNRESTRICTED MOVEMENT
- OFFICERS & TOP NCO'S ELIGIBLE

Huntsville Representative  
W. W. BRYANT

2901 Bayless Dr. - Pho. JE 6-0156

THE ORIGINAL AND ONLY

GOVERNMENT EMPLOYEES  
FINANCE COMPANY  
FORT WORTH, TEXAS

**BASKETBALL STANDINGS**  
21 DECEMBER

TEAM	WON	LOST	TOTAL
Hq USAG No. 1	4	0	4
Officers	4	0	4
"B" Det ABMA	4	1	5
UTC	4	1	5
"A" Det OGMS	4	1	5
864th A. F.	2	2	4
2nd ETD	2	2	4
291st MPC	2	2	4
Hq USAG No. 2	2	3	5
3rd ETD	1	3	4
"B" Det OGMS No. 1	1	4	5
"B" Det OGMS No. 2	0	4	4
Medical Det	0	4	4
1st ETD	0	4	4

**BASKETBALL SCOREBOARD**

Officers 50 — "B" Det OGMS No. 2 21  
 2nd ETD — 1st ETD 34  
 UTC 49 — 864th Air Force 26  
 291st MPC 44 — 3rd ETD 38

Hq USAG No. 1 48 — Hq USAG No. 2 27  
 "A" Det OGMS 36 — "B" Det OGMS No. 1 32  
 "B" Det ABMA 40 — 2nd ETD 28  
 UTC 44 — "B" Det OGMS No. 2 23  
 Officers 54 — Medical Det 26

**COMING SCHEDULE**

Jan. 4 1st ETD vs 3rd ETD, 1800; 864th Air Force vs 291st MPC, 1915; "A" Det OGMS vs Hq USAG No. 1, 2015.  
 Jan. 5 "B" Det OGMS No. 1 vs 2nd ETD, 1800; Hq USAG No. 2 vs Officers, 1915; Medical Det vs UTC 2015.  
 Jan. 6 "B" Det ABMA vs 3rd ETD, 1800; "B" Det OGMS No. 2 vs 291st MPC, 1915; 1st ETD vs 864th Air Force, 2015.  
 Jan. 7 Hq USAG No. 1 vs Officers, 1800; "A" Det OGMS vs 2nd ETD, 1915; Hq USAG No. 2 vs UTC, 2015.  
 Jan. 8 "B" Det OGMS No. 1 vs 3rd ETD, 1800; Medical Det vs 291st MPC, 1915; "B" Det ABMA vs 864th Air Force, 2015.

Postal authorities are still urging: "Mail Christmas Parcels Early".



**CHRISTMAS PAGEANT**—Members of the Christmas pageant at the Madison Pike School last week included: standing back row, Helen Morlock, Marcia Hill, Linda Braun, Linda Tieman, Susan Adamson; (kneeling left to right): Jimmy Schon, Greg Burdick, Bill Cobb, Mac Love, Sandy Clift, Rita Kaye Fann, Sherry Sawicki, Bobby Brownson, Pat Ryan, Gary Askins, Tim Paul.



Season's Greetings FROM YOUR

**LYRIC THEATRE**  
"HUNTSVILLE'S FINEST"

Wednesday - Thursday  
Dec. 23 - 24



Friday - Saturday



Plus



Sun. - Mon. - Tues. - Wed.  
**GARY CHARLTON COOPER HESTON**



7 DAYS  
Wed., Dec. 31 Thru. Jan. 6

**FRANK SINATRA GINA LOLLOBRIGIDA**



in CinemaScope and METROCOLOR  
PETER LAWFORD - STEVE McCOY - RICHARD JOHNSON  
PAUL HENREID - BRIAN DONLEVY - JEAN JONES

**WHITESBURG DRIVE-IN**

Thursday - Friday  
Dec. 24 - 25



Plus



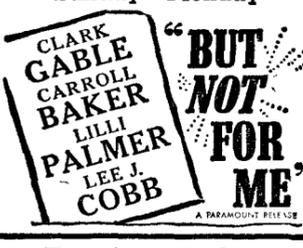
Saturday



Plus



Sunday - Monday



Thursday - Friday  
Dec. 31 - Jan. 1



Saturday



Plus



FROM YOUR  
WHITESBURG DRIVE-IN  
THEATRE

**INSURANCE**

• Auto - Fire - Casualty  
SR-22 Filed  
**W. E. DICKEY**  
REAL ESTATE BROKER  
507 Terry - Hutchens Bldg.  
Phone JE 9-1161

**GRAND THEATRE**

THURS., FRI., SAT.,  
DEC. 24 - 25 - 26

**"THE ROBE"**

SUNDAY, DEC. 27 Through  
FRIDAY, JAN. 1st



**GOLIATH AND THE BARBARIANS**  
IN COLORSCOPE

GOLIATH AND THE BARBARIANS starring STEVE REEVES • co-starring CHELO ALONSO and BRUCE CABOT • AN AMERICAN INTERNATIONAL PICTURE IN COLORSCOPE

**MOVING?**

WHY FUSS AND WORRY  
Call In The Movers You Can Trust

**ALLIED**

STORAGE — CRATING  
OVERSEAS SHIPPING

**ROCKET CITY MOVING AND RENTAL SERVICE**

2117 Holmes Ave., N.W. — Pho. JE 9-1742

**Heating and Cooling**

INSTALLATION and SERVICE

**3 STORES TO SERVE YOU**

HUNTSVILLE — ARAB — ARDMORE

**BUTANE NATURAL GAS HOT AIR**

SEE OUR LINE OF APPLIANCES

**AUTOMATIC GAS COMPANY**

1012 Andrew Jackson Way N.E. — Huntsville  
PHONE HUNTSVILLE JE 4-6561

**SALESMEN**

If you are not making over \$6000 per year see us for an opportunity to make more selling new Chevrolet cars and trucks, Cadillacs and used cars of all makes on a profit sharing basis.

Must have had some experience in selling some line of cars, merchandise or door to door canvassing.

Phone JE 4-4561 Monday and make an appointment with C. D. King, Sales Manager or write for application blank.

**HILL**

CHEVROLET CO.  
35 Years A Chevrolet Dealer

## PATIENCE NEEDED IN TRAFFIC SAYS SAFETY DIRECTOR

In a recent interview regarding holiday safety, L. L. Roberts, Safety Director, at Redstone Arsenal, made the following statement:

"At this time each year many

### Safety Scoreboard

(As of 21 Dec.)

Days since last civilian disabling injury	21
Our goal	30
Days since last military disabling injury	5
Our goal	30
Days since last contractor personnel disabling injury	13
Our goal	50
Days since last government motor vehicle accident	3
Our goal	30

### DRIVING RECORD

(Government Vehicles)

(As of 21 Dec.)

Organization	No. Accidents (1959)	Days Since Last MV Accident
Transportation Div. (RSA)	18	6
Post Engineer Div. (RSA)	21	3
Provost Marshall Div. (RSA)	23	30
Depot Operations (RSA)	16	13
All Other RSA	11	9
Thiokol (ARGMA)	18	13
All Other ARGMA	7	112
OGMS	11	146
ABMA	9	32

## "No Falls" Safety Campaign Launched

Jan. 1, 1960 is the count down time for the blast off of an installation-wide safety campaign to reduce accidental injury and property damage resulting from falls.

A review of the accident statistics compiled throughout this nation reveals that thousands of people are killed and millions injured each year as a result of falls and the cost of these run into a staggering figure in dollars and cents.

Here at Redstone, eight persons have sustained lost time injuries, some of which were serious, through falls since July 1, 1959.

This installation-wide safety effort is spearheaded by the Red-

stone Safety Division and is conducted in consonance with the U. S. Army Ordnance Corps world-wide effort to reduce the needless loss of life and property suffered through this type of accident.

Included in the plan of action for this program are: utilization of the safety poster shown above, designed by the RSA Safety Division, to depict some of the most common unsafe acts and conditions which cause falls of persons from elevated and non-elevated surfaces; appropriate safety talks by supervisors; showing of safety film; special emphasis on this subject by safety committees of activities and organizational segments; appropriate recognition and publicity to individuals and groups for outstanding contributions to this project and other effective means to create safety consciousness and to raise levels of knowledge to readily recognize these accident producing causes and conditions which may be associated with activities on the

job and in the home. As stated by a Redstone safety representative "It is anticipated that all personnel of this command will make their contribution to the success of this program through adherence to safe practices and that safe habits will be further developed which will continue to secure their safety in the future."

people discover there are a few last minute things to do to complete their Christmas programs. A pair of socks or a tie for a newly met friend, a present for the kids down the block who have suddenly announced their Christmas wedding or some other little chore overlooked.

All of these make up a typical pattern of the American life at Christmas time.

They also make up an accident pattern, as hundreds of drivers and pedestrians are rushing here and there, and accidents are sure to happen unless defensive measures are taken to compensate for this condition."

Roberts advises that the chances of enjoying a safe and happy holiday period will be further increased by the exercise of patience and understanding by drivers and pedestrians alike.

## The Board of Directors

announces

## Declaration of Dividend

on 1959 shares  
at the rate of

# 5%

Per Annum

payable to accounts  
on Dec. 31, 1959

## Plus . . .

1960 shares deposited by the 5th of the month will receive dividend credits from the first.

## REDSTONE FEDERAL CREDIT UNION

Building 3649 — Redstone Arsenal, Ala.

stone Safety Division and is conducted in consonance with the U. S. Army Ordnance Corps world-wide effort to reduce the needless loss of life and property suffered through this type of accident.

Included in the plan of action for this program are: utilization of the safety poster shown above, designed by the RSA Safety Division, to depict some of the most common unsafe acts and conditions which cause falls of persons from elevated and non-elevated surfaces; appropriate safety talks by supervisors; showing of safety film; special emphasis on this subject by safety committees of activities and organizational segments; appropriate recognition and publicity to individuals and groups for outstanding contributions to this project and other effective means to create safety consciousness and to raise levels of knowledge to readily recognize these accident producing causes and conditions which may be associated with activities on the

## NEWS FROM THE CAPE

Recent visitors to the ABMA Missile Firing Laboratory include Brig. Gen. Charles F. Tank, commanding general of the Army Transportation Terminal Command, Atlantic, at Brooklyn, N. Y. The general was accompanied by Col. Richard J. Dial, his deputy commander.

M/Sgt. Leonard D. Jones of the

job and in the home.

As stated by a Redstone safety representative "It is anticipated that all personnel of this command will make their contribution to the success of this program through adherence to safe practices and that safe habits will be further developed which will continue to secure their safety in the future."

Security Office, Atlantic Missile Range Army Field Office, has re-enlisted in the Army for a six-year term. He was sworn in by 1st Lt. George I. Boniface, commanding officer of Detachment A, ABMA.

Eugene J. Secreti, an employe of the ABMA Missile Firing Lab, has received an incentive award citation and a check from Dr. Kurt Debus, director, Secreti, who works in the Lab's Engineering Sequential and Photographic Section, was cited for a production suggestion relating to a reproduction process.

Speaking of OPERATION SEARCHLIGHT: A suggestion today may help you collar, an awards bouquet or an added dollar!

## Everybody needs money sometime

when you do . . . visit MUTUAL!

If you need UP TO \$2000

phone: JEFFERSON 6-8591 before noon to arrange for money the same day!

Amount of Contract	Cash You Receive	18 Monthly Payments	Total Cost of Loan
\$360.00	\$314.28	\$20.00	\$45.72
432.00	376.33	24.00	55.67
504.00	442.39	28.00	61.61
684.00	607.52	38.00	76.48
900.00	805.69	50.00	94.31
1260.00	1135.96	70.00	124.04

The above does not include insurance

## MUTUAL

FINANCE & THRIFT CORPORATION of Huntsville

INDUSTRIAL FINANCE CORPORATION of Huntsville

106 South Side Square

Phone: JEFFERSON 6-8591

Open daily 9 to 5 • Saturday 9 to 1

For Mom... SHETLAND

AUTOMATIC DISPENSING

RUG CLEANING

FLOOR POLISHER



\$29.95 \$1 Down

CLEANS RUGS

SCRUBS FLOORS

WAXES & POLISHES FLOORS

Includes:

All Purpose Brushes, Wool-felt Buffing Pads, Shetland Exclusive Cleaning Unit and Automatic Liquid Dispenser.

- ★ Automatically dispenses wax!
- ★ Automatically dispenses rug shampoo!
- ★ Automatically dispenses scrub solution!
- ★ Pays for itself the first time you use it!

IT COSTS LESS AT—  
**Sterchi's**  
THE SOUTH'S LARGEST HOME FURNISHERS

Huntsville, Jefferson St.  
Phone JE 2-5681

Also in Fayetteville and  
Scottsboro

## SHOP AT THE GARDEN

For Xmas Nuts Fruits, Candies!

No extra charge for arranging and packing . . . Or, bring your own basket and we'll help you. We have plenty of cedar and spruce trees . . . holly and mistletoe also, apples, oranges and other fruits by the bushel or box.

OPEN 7 DAYS A WEEK

## The Garden

PHONE: JE 4-7631

3207 GOVERNORS DRIVE, W. (Across From Butler High)

FOR YOUR CONVENIENCE OPEN CHRISTMAS DAY

## CHRISTMAS BASKETS FILLED TO ORDER!

Open 9 A. M. 'til 10 P. M.





**SANTA'S VISIT**—Santa visited the Post Theater and the Rocket Auditorium on Monday to discuss last minute wishes with the "pre-ten" set at Redstone Arsenal. His visit was sponsored by the Special Projects Committee of the Joint Youth Activities Council. Santa was busy. He and his helpers handed out toys and heard requests from almost 1100 girls and boys. Above, he discusses the tea set presented to Doris Links, 2, while big sister Gayle, 5, looks on. Tuesday, the older boys and girls had a theater party sponsored by the Council. Altogether, approximately 1400 children were entertained at the pre-Christmas parties.

### Movie Schedule

Wednesday, Dec. 23, "Alias Jesse James" starring Bob Hope and Rhonda Fleming. Time 1815 and 2015.  
 Thursday and Friday, Dec. 24 and 25, "Never So Few," starring Frank Sinatra and Gina Lollobrigida. Time 1815 and 2015.  
 Saturday, Dec. 26, SPECIAL MATINEE, "The Crooked Circle" starring Steve Brodie and Fay Spain. Time 1000.  
 Saturday, Dec. 26, "Dangerous Exile" starring Louis Jordan and Belinda Lee. Time 1815 and 2015.  
 Sunday and Monday, Dec. 27 and 28, "The FBI Story" starring James Stewart and Vera Miles. Time Sunday 1400, 1815 and 2015; time Monday 1815 and 2015.  
 Tuesday, Dec. 29, "The Country

Girl," starring Cary Grant and Grace Kelly. Time 1815 and 2015.

READ THE WANTADS

**LAUNDRY AND DRY CLEANING**  
 Expertly Done At  
**FIVE POINTS**  
 Launder Shop  
 715 Pratt Ave.  
 PHONE JE 4-4482

steig (Hasso), Waldi's daughters and son, all placed first in the puppy class during the two-day show.

The puppies will follow the footsteps of "Waldi" in Southern shows. He has appeared in every State in the South.

Bambi won her blue ribbon in the puppy class and took a reserve winner ribbon; Hasso won a blue ribbon in his class, both on the first day of the show; and Ginger won a blue ribbon and continued on to a three point major win toward a championship, the second day.

(Ginger) and Hasso von Wiesen-

**MILITARY PERSONNEL STUDENTS — TECHNICIANS**  
**AUTOMOBILE INSURANCE**  
 At Standard Rates

- REPUTABLE STOCK COMPANY
- UNDERWRITING OF GOOD RISKS ONLY
- AGE NOT A FACTOR
- BUDGET PLAN AVAILABLE
- APPLICATIONS MUST BE COMPLETED IN PERSON

CONTACT

## WIKLE AGENCY

ACROSS FROM POSTOFFICE — 108 HOLMES AVE., NE  
 Phone JE 2-5687



To one and all, best wishes for happy holidays.

**VANCE MORRIS**

Motor & Auto Parts

402 Washington, N. W.

UP TO **65%**  
 Off Mfg. List Price  
 Fully Guaranteed  
 Open 5:30 to 8:00 P. M.  
**North Alabama Products**  
 2203 Meridian St.  
 Phone JE 4-0439

### Larson's Puppies Bring Home Ribbons Like Famous Father

M/Sgt. and Mrs. Edmund H. Larson's "Waldi" (pronounced Vald) has retired from shows but his son and daughters are following in the footsteps of their famous father, a longhaired dachshund.

"Waldi's full name is Ch. Hasso Vom Habichtshof (King of the Forest).

During the December Alabama Dachshund Club (AKC licensed) show in Birmingham, Bambi of Oleander, Margies Little Vixen

CALL . . . .  
**DAVIS-CUMMINGS INSURANCE**

Auto Boats  
 Life Motors  
 Fire Insurance



Ben B. Porter  
 Pho. JE 2-5671 - 2-8424

## DAVIS-CUMMINGS

1½ West Side Courthouse Square — Huntsville, Ala.  
 WE SELL INSURANCE . . . WE GIVE SERVICE

## BRIGHT'S BEVERAGE STORE

YOUR FAVORITE BEVEAGES

HOT OR COLD  
 SAME PRICE

TO HUNTSVILLE  
 500 YARDS TO

TO ARSENAL GATE 3

BRIGHT'S BEV.

NOW OPEN  
 SQ. MEMORIAL PARKWAY

# TIME is getting Short

WHY NOT DECIDE ON ONE OF THESE

## Round Bobbin Straight Elec!

BRAND NEW PRECISION MADE  
 Designed for a lifetime of sewing pleasure! A precision built machine that will give maximum satisfaction. Needles, bobbin and other parts are interchangeable. Simple mechanism . . . Trouble-free operation!

25-YEAR FACTORY Guarantee

ROUND BOBBIN  
 Compare these Features with Many Machines Costing \$149.50 or More!



Compare at \$149.50  
**39.95**  
 3 DAYS ONLY

- ★ Built-In Snap-Lock Darning
- ★ Automatic Bobbin Winder
- ★ Calibrated Tension Dial
- ★ Sews Over Pins and Seams
- ★ Snap-Out Race for Easy Cleaning
- ★ Super-Sharp Thread Cutter
- ★ Belt Driven for Immediate Power
- ★ Finger-Tip Stitch Regulator
- ★ Round Bobbin Action
- ★ Sews Forward and Backward
- ★ Air-Cooled AC-DC Motor
- ★ Adjustable Drop Feed Control
- ★ Variable Speed Foot Control
- ★ Easy Instruction Book

IT COSTS LESS AT  
**Singer's**  
 THE SOUTH'S LARGEST HOME FURNISHERS

# How's Your Know-How?

1. What is the rarest volume in the Library of Congress?
2. What did Francis Scott Key call the verses he wrote in 1814 which became our national anthem?
3. What is the mental age of an idiot?
4. Who were known as "the tongue, pen and sword" of the Revolutionary War?
5. How poisonous is a honeybee's sting?

(Answers to Quiz)

1. The Gutenberg Bible, the first book ever printed with movable type, in 1445.
2. "The Defense of Ft. Mifflin."
3. Two years.
4. Patrick Henry, Thomas Jefferson, George Washington.
5. Drop for drop, it is as potent as rattlesnake venom.

## A LITTLE STAR

A little star appeared one night  
Some shepherds, heeding, saw the light.

It was so gleaming and so bright  
They saw no other star that night.

The shepherds hearts were filled  
with fear

As a host of angels did appear.  
The shepherds heard the angels sing

Peace on earth, good will to men.

The shepherds followed the little star  
To Bethlehem manger, and that is where

They found the babe, so holy and sweet,

And fell to worship at his feet.

They gave to him, silver and gold  
And many presents, we are told  
Thus we give on Christmas day  
To those we love along the way.

So let us lift our voices and sing  
Praises to our coming King.  
For God so loved us that He gave  
His only son that we might live.

IT'S A FACT: "Our Modern Army is largely a FAMILY Army," says DA Pam 360-1. "The belief that families should be kept together whenever possible is an

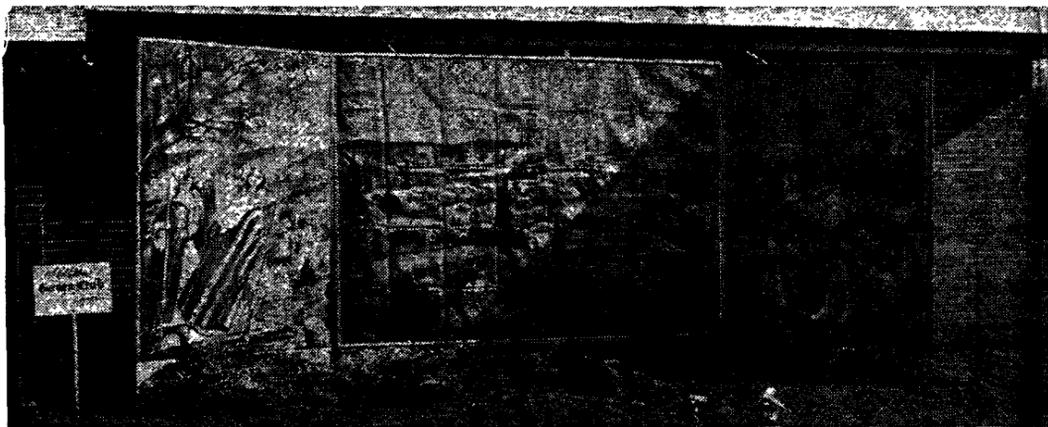
## MONEY

for  
Part-time Farm Owners  
and folks with  
Homes in the Country

Ask for details on the low-cost, long-term, real estate loan plan now available from the Equitable Life Assurance Society of the U. S.

## T. PICKENS GATES

305 Terry-Hutchens Building  
Office Phone — JE 4-0371  
Residence — JE 4-6303



**WINS GARDEN CLUB PLAQUE**—Chaplain (Maj.) and Mrs. Alister Sinclair received the Redstone Arsenal Officers Wives Garden Club plaque for the best Christmas decoration, an oversized Christmas card with shepherds looking down on Bethlehem from the left, and the three wise men on the right. The Christmas scenes were judged last weekend and the plaque awarded. The Garden Club presents the plaque to the owners of the yard that shows the most improvement each month.

## Photo Specialists Needed by AOMC

The Board of U. S. Civil Service Examiners has issued two announcements No. 5-35-44(59), for microphotography workers; and No. 5-35-45(59) for photographer, offset, with openings at Redstone Arsenal.

The microphotographer announcement covers grades W-4 (\$1.73 per hour); W-7 (\$2.11 p. h.); and W-9 (\$2.41 p. h.).

Grades for photographer, offset, range from W-7 to W-9 (\$2.41 p. h.), and W-11 (\$2.72 p. h.).

important part of the Army-career concept".

## 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**

## Roe Vending Co.

1925 LEHMAN FERRY RD.

— FOR —

- CIGARETTES
- PEANUTS
- CHEESE CRACKERS
- CHEWING GUM
- CANDY

— JUST DIAL —

JE 2-8211



PRE-CHRISTMAS EVE

## AUCTION

EVERYTHING MUST GO

WED. DEC. 23 7:00 P.M.

TOYS, DOLLS, HOUSEHOLD GOODS

## THE DISCOUNT HOUSE

2104 S. Memorial Parkway — JE 2-2551  
(Behind The Thrift Store)

## A UNIQUE CHRISTMAS GIFT . . .

(and of course you will want one for your own desk or home)

ONE OF AMERICA'S MISSILES

# YOU

HAD A HAND IN DEVELOPING—  
AUTHENTICALLY SCALED INTO

A BEAUTIFUL HAND-CRAFTED MODEL.

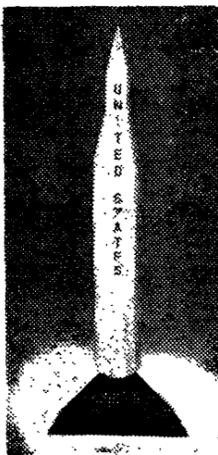
THESE ARE NOT KITS. BUT HANDSOMELY FINISHED WOODEN MODELS WITH MARKINGS JUST LIKE THE ACTUAL MISSILES.

Boxed For Shipping.

ALL THREE MISSILES' BASES ARE INSCRIBED:

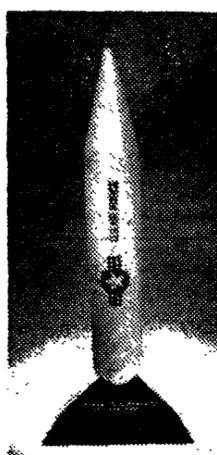
"Space Capital of The Universe  
Huntsville, Alabama"

Manufactured in Huntsville, the city with more missile knowledge than any other in the world.



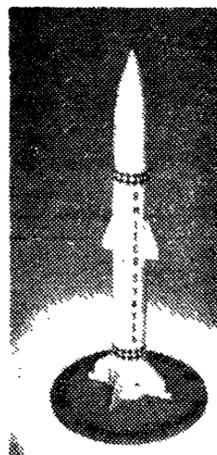
JUNO II

Used to launch free world's first successful Moon Shot. Model size 11½" high.



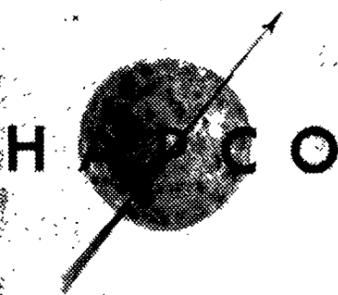
JUPITER

Developed by ABMA at Redstone for the Air Force. Model Size 10" high.



MISSILE 'X'

Souvenir missile. Plastic. 7" high symbol of modern Army missiles.



HUNTSVILLE ASTRONAUTIC PRODUCTS COMPANY, INC.  
Harry G. Webb, President  
Bill Cummings, Vice-President  
P. O. BOX 57 HUNTSVILLE, ALABAMA  
PHONE JE 6-9604

Mail Order Blank

HAPCO P. O. Box 57, Huntsville, Ala.

( ) \$..... Inclosed. Ship Post Paid.

( ) Ship C. O. D.

..... JUNO II MODELS AT \$3.50 EACH

..... JUPITER MODELS AT \$3.50 EACH

..... MISSILE 'X' MODELS AT \$1.00 EACH

Please Include 4% Sales Tax

NAME .....

ADDRESS .....

CITY ..... STATE.....

Immediate Delivery

# 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. Mail copy with payment to Mrs. Zillah Newsome, P. O. Box 346, Huntsville. Deadline is Monday, 9 a. m. for the week's edition.

**EQUITY SALE** — Three (3) bedrooms, two (2) bath, Carport, Utility Room, Brick Construction, near Parkway Shopping Center, Kirkwood Subdivision, 109 Wingate Ave., Jefferson 6-4736. 12-23p

**FOR RENT** — 5 room house with bath, carport and storm pit. 1 mile east of Cotaco High School. \$50 per mo. Harold McAnally. 12-30p

**FOR RENT** — Real nice, shady spaces for two house trailers, no dogs. Phone JE 6-0280. 12-23c

**FOR RENT** — Modern 3 bedroom house, cabinets galore, see or call Jesse Black after 6:00 p.m. Juniper 6-3055, Arab, Ala. 12-23c

**NICE HOME FOR SALE** — Four-bedroom, two ceramic tile bath, brick home, 18 acres land, 12 miles east of Decatur on Highway 67. Just 20 minutes from arsenal. Very little down, sale price \$20,950. JAMES RATLIFF, 123 Johnson St., Decatur, Ala., phones office, EL 3-2614; night EL 3-1583. 1tc

**COLONIAL BRICK HOME** for sale. Available Jan. 1, 9 rooms, halls, porches, baths, tiled terrace, located on 14 acres scenic site. Could be sub-divided but at present all is under fence. Stables, utility house, double garage—all professionally designed and built by owner. City utilities and conveniences, on 4-lane highway 30 miles from Huntsville and 10 miles south of Decatur. Call SP 3-7650. 1tc

**HOUSE TRAILER** for sale or rent: Extra clean one bedroom, air conditioned trailer. Price \$950, can be financed for \$30 per month. Or will rent for \$70. Call Ed Daugherty Ext 35101 or JE 65747. 1tp

**"54" CADILLAC Fleetwood "60"** Special very clean 39300 miles. All power, nylon tires, EXCELLENT Condition. Must sell to settle estate. H. L. Corn 112 Destin Circle S.W. Je-91829 RSA. ext. 57618. 1tp

**FOR SALE**; Popular Point Subdivision, Tenn. River, One good lot, 95 x 160, \$1495.00. See H. G. Looney, 605 - 1st. Ave., Athens, Ala. Ph. 1096. 1tp

## FURNITURE & APPLIANCE BARGAINS

Drive out and see our display of quality home furnishings at wholesale prices. Our low overhead permits us to give you extra discount savings. Ask about our easy pay plan. Furniture Outlet Store, Meridianville, Ala., phone JE 6-6857. Go Out-a-way — Less-to-pay ttc

**WHY PAY RENT?** Live in a modern duplex home while your neighbor pays all expenses. Call NOW . . . JE 2-2652. ttc

**JOHNSON MOTORS**; Glasspar, Crosby and Lone Star Boats; Trailers—Trade and Terms. Automotive Parts and Marine Co., 813-17 Meridian St., phone JE 6-7882. ttc

**APARTMENT FOR RENT** — 410 Holmes Ave., new brick, attractively furnished, electric heat, air conditioned, off street parking, 2½ blocks from town, couple or men. Call JE 6-3786. ttc

**NEW BRICK**, unfurnished, 2 bedroom, duplex, hardwood floors, ceramic tile bath, private driveway, close to bus and schools in southeast Huntsville. JE 4-0467 or JE 4-1927. 12-23p

**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. ttc

**HOUSE FOR SALE** — 2909 Malory Ave., Country Club Estates. 3 bedrooms, dining room, 1½ baths, carport, pay reasonable equity, assume FHA mortgage, owner being transferred Dec. 1. Phone JE 6-7318. ttc

**DUPLEX** — Beautiful new brick, 2 bedrooms, each side, forced air heat, all city utilities, convenient to everything, ideal for home and nice income. Phone JE 6-0775, JE 9-5433 or JE 6-3657. ttc

**FOR RENT** — 410 Ward Avenue, close in, 2 bedroom apartment, ceramic bathroom, shower and tub, plenty of cabinet and closet space, off street parking. E. B. Burwell, JE 4-1735. 1tc

**FOR SALE** — Motor Scooter, like new, only 5 mo. old, Ward's DeLuxe Model, \$450 new, Sale Price \$295. Call NOW, JE 22659. 1tc

**FOR SALE** — 2446 Crestwood Dr. Brick Vaner house. Two bed-room, Pine Panelled Den, Cabinets and Closet space galore, Ceramic Tile bath, New Chain Link fence around back yard. Reasonable Equity and Assume 4¾% G. I. mortgage. Immediate Possession. Phone JE 6-3739. 1tp

**PRUDENTIAL, INC., OF AMERICA** for the best in Life Insurance. Big dividends and cash surrender values. For your home—the new home owners package at new reduced rates plus our fine dividends. JOHN E. BROYLES AGENCY, Times Bldg., Huntsville, Ala., Phone JE 6-0711 or JE 2-8615. ttc

**FOR RENT** to couple or 2 men. Attractive, completely furnished downstairs apartment, excellent location, 421 McClung Ave. heat, lights, water, gas included in \$140 per mo. rental. Shown by appointment. Call Mrs. White, JE 4-0417. ttc

**ATTENTION APART. SEEKERS** —Barclay Ave. Apts. are ideally located for Redstone employes using Patton Road entrance. They are new, built of brick veneer including new furniture. Enjoy fine living comforts of these 2 bedroom apartments away from heavy traffic—yet so close and convenient to your work. You must see them to appreciate their many fine points for real comfort. Phone JE 6-0775, JE 9-5433 or JE 6-3657. ttc

**FOR SALE OR RENT**: — 7 Room House, Living room with fireplace, Dining room, Kitchen, Den, Three Bedrooms, Two baths.

5 Room House, Living room, Dining room, Kitchen, Two Bedrooms, one bath. Both houses already FHA financed. Buy small equity. Possession immediately. Conveniently located near schools, churches, shopping centers, city bus route. For further information phone James K. Taylor Agency, JE 4-6449. 1tp

**ROCKET CITY UPHOLSTERY & REFINISHING CO.** — Specializing in furniture upholstery refinishing only. Free estimates in the home, pick up and delivery. All work guaranteed. Easy terms. The jack of all trades is master of none. Call the man who knows furniture. Phone JE 4-9696 days or JE 6-7220 nights Ask for James Dulin, 2500 Oakwood Ave. ttc

## FOR SALE

### RISON AVENUE

3 room furnished house, work shop in rear. \$5,500

### EQUITY SALE

Marks Drive — 5-room house on 75x167' lot, payments \$52.19 per month.

### MOORES MILL POND

3 bedroom home and 1 acre ground. Adjoining this is 24 more acres of open land that can be bought at a reasonable price.

### COLORED PROPERTY

Weatherly Road — near Green Mt., 4-2/10 acres land with 6 room house. Small down payment, balance \$50.00 monthly.

### A BARGAIN

3 bedroom home on 25 acres of land on Moore's Mill Road, 15 minute drive from town.

### TRIANA BLVD.

1 building lot, 50'x150'. Call Us — We Have Other Listings. Some Commercial Property.

## C. F. STINNETT

REAL ESTATE BROKER  
714 Meridian St., N.  
NIGHT PHONE JE 2-8716  
OFFICE PHONE JE 6-9901  
Let Us Build, Sell or Remodel Your Home

## Special Services Activities

### POST SERVICE CLUB OPERATING HOURS

Monday thru Saturday 1000-1200  
Sunday and Holidays 0900-1200

### POST LIBRARY OPERATING HOURS

Monday thru Friday 0900-2200  
Saturday and Holidays 1000-2200

**FOR RENT** — 5-room unfurnished apartment at 1122 Wellman Ave., near schools, \$75.00 per mo. Phone JE 4-9311 or JE 2-5697. ttc

**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 Masseur in charge. Phone JE 2-2444. ttc

1959 OLDS. 98 — 4 dr., same as new. Air - conditioned, power steering and brakes, bank fin. 5%. Buy equity or trade for cheaper car. Call JE 9-1671. 1tp

**FOR SALE** — Britist Ford, Anglia, 1959, 4300 miles, perfect condition, \$1400. Call Redstone ext. 3-1423 or 5-8648. 1tc

**FARM FOR SALE** — 40.8 acres, no improvements, 4 acres of cotton, 3 tobacco allotment, plenty of water by springs and creek, ideal for stock farm. 9 miles northeast of Tennessee state line, off 231, twelve miles southeast of Fayetteville near Hal Hill, Tennessee, \$3,250.00. Ph. JE 6-4634 after 4:30 p.m. 1tc

SEASON'S GREETINGS To The Redstone Rocket And Its Readers.

### A. B. S. SECRETARIAL SERVICE

528 Madison St. S.  
Phone JE 4-6451 - JE 6-9341  
Home Phone JE 4-6433

## Best Home Buys

BEST LOCATION . . . IN TOWN

On 100% G.I. Loans (or F.H.A.)

## Sherwood Park

Sunday - 1200-2200

**CRAFTS SHOP OPERATING HOURS**  
Monday thru Friday 1000-2200  
Saturday and Holidays 0800-1630  
Sunday - Closed

**RSA BOWLING LANES OPERATING HOURS**  
Monday thru Saturday 1200-2200  
Sunday and Holidays — 1300-2100.

**POST GYMNASIUM:**  
Monday thru Friday 1300-2100.  
Saturday 0900-1630.  
Sunday and Holidays 1300-1630.

**GOLF COURSE OPERATING HOURS**  
Saturday, Sunday and Holidays 0730 until dark.  
All other days — 0800 until dark.

**TENNESSEE RIVER PICNIC AREA**  
Weekdays — 1300-2100.  
Saturday, Sunday and Holidays — 0900-2100.  
For reservations of more than two tables, contact the Sports Section, ext. 2943.

**HISTORY FOOTNOTE:** General Washington delivered the famous farewell address to his officers in New York City, December 4, 1783.

**75 YEARS AGO:** Famed Washington Monument in the Nation's Capital was completed by Army Engineers, December 6, 1884.

## A — DOUBLE — A TRAILER RANCH

50'x80' Lots  
Concrete Patios  
\$30 Per Month Includes Lights, Water, Sewerage, Garbage  
2 Miles of Gate 7  
Phone 30J3  
MADISON, ALA.

## 100% G. I. LOANS

New 3 BR Bricks  
Attached Garage, Forced Air heater, nice big lots.  
Priced \$15,400 to \$15,800  
Salesman to Show You Anytime.  
PHONE JE 6-1554  
Nites & Sunday—JE 6-1659 or JE 6-1867

## LAKESWOOD REALTY CO.

SEVERAL Homes Ready For Immediate Occupancy

F. H. A. in Also Min. Down V. A. Fin.

## WESTBROOK

North on Pulaski Pike, Turn Left on Grizzard Rd. Salesman on Duty MR. BASS WRIGHT Phone JE 9-3681

Model Home Open — 8 a.m. - 8 p.m.

## 100% G I LOANS

Only in Sherwood Park, Second Addition can you buy a home of this calibre on such favorable terms. Our incomparable homes feature fabulous Frigidaire all-electric kitchens, including dishwasher, built-in range, ovens, vent-hoods, two full ceramic tiled baths, fine brick construction, forced air heat (completely modified for air cond., prim large lots. Huntsville's best location and the world's finest neighbors. FHA terms also available.

NOTE: World War II Vets Still Eligible. (even if you have purchased a home before on GI you may still be eligible).

## Town & Country Realty

6300 Madison Pike (Bob Wallace) JE 6-9601

Best Home Buys In Town

Best Location

Best Construction



To make the glow of the festive holiday spirit shine on in your home, choose a Fabulous-Value Suite or odd pieces! Distinctive, superbly constructed Contemporary and Traditional styles for living room and bedroom that will lend vibrant new beauty to any room! All priced moderately and available on budget terms.

LOVELY MIRRORS — PICTURES & LAMPS FOR "MERRY CHRISTMAS" GIFTS.

## Hale Brothers

FURNITURE STORE  
106 S. Jefferson — Phone JE 6-8508

REMEMBER—Whether you buy for cash, charge or credit terms — you always save at Hale Bros.



### Thiokol Employees Hold Annual Party

Two thousand employes of Thiokol Chemical Corporation, Redstone Division, their wives and husbands attended the annual Christmas party held at the National Guard Armory.

The armory was decorated in the Christmas motif with a wreath over the bandstand and greenery on each table. Henry Lang and his orchestra played.

A dinner party attended by 250 persons, was also held at The Club of Huntsville. Music was furnished by The Imperials.

J. W. Wiggins, General Manager, of the Redstone Division, attended both parties and announced Christmas bonuses totaling \$280,000.

### Religious Services

**PROTESTANT POST CHAPEL — BLDG. 3714**  
Sunday: 1000 and 1115 hours — Morning Worship, general Protestant services.

Church School — 1000 hours — 1st session 4th grade thru Adult Class.

1115 hours — 2nd session 3 yrs. of age thru 3rd grade.

Nursery for babies and small children is open during these two services.

1830 hours — Christian Youth Fellowship, Jr. Hi and Senior Hi. Buses will pick up those attending.

Tuesday: 1830 hours — Enlisted Men's Christian Union.

Wednesday: 1845 hours — Chancel Choir Rehearsal.

**REDSTONE PARK COMMUNITY HALL**

Sunday: 0945 hours — Sunday School Classes.

11 hours — Morning Worship Service.

Wednesday: 1900 hours — Family Night Service.

#### JEWISH

Temple B'Nai Sholom (Corner of East Clinton and Lincoln).

Friday — 2000 hours — Regular Service. O'Neg Shabbot (Sabbath Social) at Temple Annex.

#### CATHOLIC

Sunday: Masses — 0745, 0845 and 1230 hours (Nursery available during Masses).

Baptisms — 1330 hours (By appointment).

Teenage Religion Class — 1830 hours.

Monday: Inquiry Class — 2000 hours.

Tuesday: Altar Boys' Class — 1830 hours.

Novena in Honor of Miraculous Medal — 1930 hours.

Choir Rehearsal — 2000 hours.

Wednesday: Mass — 1700 hours.

Saturday: Catechism Classes — 0930-1130 hours.

Confession — 1800-1900 hours.

Daily Mass: 1130 hours (except Wed.)

**CHAPEL NO. 2 (A. F. Area)**

Sunday: Mass (Italian) 1100 hours.

#### CHRISTIAN SCIENCE SERVICES

Sunday — 1100 hours — Held in Huntsville at White St. and Wells Avenue.

Wednesday meeting — 1930 hours



**RECEIVES RECOGNITION** — SP6 Joe Jeantet recently was awarded a certificate of achievement by W. A. Mrazek, director of the Structures and Mechanics Laboratory, Army Ballistic Missile Agency. SP6 is assigned in the Graphic Engineering and Model Studies Section.



**UGF REPRESENTATIVES** — Approximately 45 representatives of the United Givers Fund Drive for the Army Rocket and Guided Missile Agency were presented rockets representing 100 per cent participation, fair share giving in the various

segments of the Agency during a recent ceremony at the Rocket Auditorium. Brig. Gen. J. G. Shinkle, commander of ARGMA, made the presentations as he was introduced to each representative by a division chief or his representative.

WONDERFUL  
WEARABLE  
WELCOME

## GIFTS for MEN

Presents Sure to Please Your Particular Man

In fact, the more particular he is, the more enthusiastic will be his reception of the gift you choose for him here! Pleasing particular men is our business. Which makes us your best bet for man's-gift-shopping.

Give Him A "Regal" **ROBE**



Styled for comfortable living . . . and in fabrics and colors you'll love giving and he'll love wearing all year long.

\$8.95  
To  
\$22.50

● ROBERT BRUCE ● CATALINA  
● JANTZEN

**SWEATERS**  
\$5.95 to \$22.50

McGREGOR  
& OTHER

### CAR COATS

Many wonderful styles in car coats by McGregor for young men of all ages. Come in tomorrow and see them all.

\$16.95 - \$39.95

### Arrow & Van Heusen DRESS SHIRTS

\$4.25 to \$6.95

Whites and colors in many collar styles and with dual, French, or regular cuffs.

### Van Heusen & McGregor SPORT SHIRTS

\$2.95 to \$14.95

Never has the collection been greater than now of washable sport shirts and in the woolen patterns. Give his favorite.

FREE GIFT-WRAPPING

● LEATHER  
● FABRIC

### GLOVES

\$2.95 to \$8.95

Leathers . . . either lined with fur, lined with wool or unlined. In black, tans, and gray. Also woolen fabric gloves. Free gift wrapping.



LEADING THE  
HOLIDAY  
PARADE

Fashion's Finest Suit

—By—

## VARSITY TOWN

FROM \$60.00



Straight. Narrow. And this above all: natural. Paradoxically, such newness is possible only with old-fashioned care. Dedicated, painstaking handwork of the kind that's a habit with Varsity Town whose label graces the clothes that more men prefer and purchase than any other. Suits with the worldly new look available in many tones and in a size for your man.

GIVE HIM A GIFT HE'LL WEAR

### Sport Coats

\$24.95 to \$42.50

Take this short cut to your man's heart. Give the man you love most, the gift he'd like best for Christmas . . . a handsome sport coat, chosen from our stunning selection.



CLOSE CHRISTMAS EVE  
AT 6:00 P. M.



Huntsville's Quality Family Store

# DUNNAVANT'S