

The Redstone Rocket

Published by Jack W. Hoffhaus, a private individual, at Hartselle, 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. IX, NO. 16

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

AUGUST 24, 1960

Mock Firing of Sergeant Climaxes Two-Day Briefing

WHITE SANDS MISSILE RANGE, N. M. — A mock firing of the Sergeant missile under simulated field conditions climaxed a two-day briefing conference for some 200 top-drawer missile men assembled here this week.

In a closed door conclave, the Army Ordnance Missile Command gave a complete run-down on status and development of the Sergeant ballistic missile system as requested by and for the U. S. Continental Army Command, including a general breakdown on engineering tests and user evaluations. At the same time, the Army Ballistic Missile Agency, which assumed responsibility for development of the solid propellant Sergeant Aug. 1 from the Army Rocket and Guided Missile Agency — both elements of AOMC, was orientated in all phases of development and reliability of the system and its various components as well as in maintenance, deployment and training.

In the field demonstration for the key men — military, civilian and contractor personnel — the highly mobile Sergeant was assembled on its erector-launcher for firing in matter of minutes. And, after the imaginary "missile away," the four-part mobile unit was ready to roll in a matter of minutes.

The Sergeant surface-to-surface missile is designed to replace the Army's first ballistic missile, the liquid fueled Corporal. The inertial guidance system and utilization of solid propellant make Sergeant more reliable and easier to handle, transport and store than its predecessor, the Corporal. And, once completely proven and declared operational, Sergeant will replace Corporal groups now assigned North Atlantic Treaty Organization defense in Europe. It will give the infantry artillery support more powerful and effective than anything seen to date.

The 31 foot long, 31 inch diameter Sergeant is launched from an erector launcher in a near vertical position.

Flight testing of Sergeant began at WSMR in 1956 and the system was unveiled to the public in 1958. Since the switch from ARGMA to ABMA will have no effect on the accelerated program, Sergeant is due to become operational soon.

WSMR was selected for the (See SERGEANT on Page 2)



MISS MARGARET FRANCIS

MISS FRANCIS IS SECRETARY TO GEN. SCHOMBURG

Miss Margaret Francis has been named secretary to Maj. Gen. August Schomburg, Commanding General of the Army Ordnance Missile Command. The announcement was made last week.

Miss Francis, daughter of Mr. and Mrs. Sidney S. Francis of Hartselle will replace Miss Louise Parker who resigned as secretary to the Commanding General to become executive secretary to Maj. Gen. J. B. Medaris, (ret.), president of the Lionel Company.

Miss Parker, daughter of Mrs. Velma Parker of Tuscaloosa, expects to leave for Washington and New York at the end of this week. She became secretary to Gen. Medaris when the Army Ballistic Missile Agency was established in 1956, and continued in that capacity when he became Commanding General of AOMC.

Miss Francis, a graduate of the University of Alabama, has been secretary to Maj. Gen. J. A. Barclay, Deputy Commanding General of AOMC, since he was assigned in that capacity in November, 1959.

She came to Redstone Arsenal as a member of the staff in the (See MISS FRANCIS on Page 2)



CONFEREES—Last week the Army Ordnance Missile Command was host to visiting Army officers attending the Field Army Ballistic Missile Defense Systems conference to work out preliminary plans. Maj. Gen. August Schomburg, Commanding General of the AOMC, and Maj. Gen. J. A. Barclay, Deputy Commanding General were among the conferees who included Maj. Gen. W. K. Ghormley, Commanding General, Army Ordnance Special Weapons Command, Maj. Gen. Rush B. Lincoln, Assistant Chief of Ordnance, Research and Development; Maj. Gen. C. C. Calloway, Director of Operations, Office of the Quartermaster General; Brig. Gen. J. F. Thorlin, Commanding General of the Ordnance Tank Automotive Command; Brig. Gen. J. H. Weber, Commanding General, Aberdeen Proving Ground, and Brig. Gen. C. W. Clark, Assistant Chief of Ordnance, Research and Development.

RCA Receives Contract For Photo, Video Items

The Department of the Army today announced the award of \$728,573 contract to the RCA Service Co., Camden, N. J., for photographic and video items in support of technical requirements of the missile programs at Redstone Arsenal, Alabama.

RCA will supplement an existing photo and video operation at Redstone Arsenal, home of the Army Ordnance Missile Command which has responsibility for developing of Army missiles.

There will be no reduction in force in civilian personnel currently engaged in photo and video activities at Redstone Arsenal.

Award of the contract will provide an expanded capability and facilitate accelerated processing of missile program test data.

Motion picture and television cameras have become vital tools in missile testing. Colored films of various tests, for example, must be ready for viewing by technicians and engineers as soon as possible after the test. Remotely-operated television cameras permit closeup viewing of items such as rocket motors during test firings.

AUSA DRIVE ADDS 460 TO ROLLS THE FIRST WEEK

The Tennessee Valley Chapter of the Association of the U. S. Army added 460 members to its rolls during the first week of the annual membership drive, Capt. Donald L. Voorhees, Redstone Arsenal chairman announced today.

Memberships obtained since the opening of the drive Aug. 15, are, by agency: AOMC, 39; ABMA, 300; ARGMA, 70; RSA, 51.

The Tennessee Valley Chapter was formed in March 1959 and was the largest Chapter in the National Association in its first year with 3,600 members. Members are drawn from Madison, Jackson, Morgan, Limestone and Marshall Counties in Alabama and Lincoln County in Tenn.

The membership drive will continue until Sept. 13, a day which has been proclaimed "General of the Armies John J. Pershing Centennial Day" by President Eisen-

(See AUSA on Page 2)

UGF Organization Is Designed For Efficient Action

Organization of the 1960 United Givers Fund Campaign is designed to produce an efficient collection of funds donated by Arsenal personnel to 23 agencies participating this year.

Under direction of A. A. Stewart, Executive Chairman, the organization will feature both administrative support and direct organizational lines from the Executive Chairman to the solicitors.

Stewart said that of the 23 fund raising organizations which are included in the arsenal campaign almost all are locally represented welfare and emergency relief organizations. In this campaign every person associated with the arsenal will have the opportunity to aid his community through support of these organizations, he added.

Welfare and emergency relief organizations included in the arsenal campaign are: Aid for Retarded Children Association, Alabama Society for Crippled Children and Handicapped Adults, American Hearing Society, American (See UGF on Page 2)

Boy Scout Round-Up Is Discussed At Meeting Of Leaders At Arsenal

More than 60 Boy Scout leaders from nine North Alabama counties met at Redstone Arsenal last night to discuss plans for the Tennessee Valley Council's annual Boy Scout Round-Up. Major General August Schomburg, Commanding General of the Army Ordnance Missile Command and Chairman of this year's Round-Up, addressed the group at a dinner in the Redstone Arsenal picnic area.

The Round-Up, designed to interest boys in the scouting program, will begin September 1 and continue through November 23. On December 3, all Scouts who have recruited at least one new boy into scouting will be guests (See BOY SCOUTS on Page 2)

More Zeus Contracts Are Issued

Western Electric Gets \$4 Million In Separate Awards

The Department of the Army Aug. 19 announced separate contract awards totaling \$4,000,000 to the Western Electric Co., New York, N. Y., furthering work on the Nike Zeus anti-missile missile system.

The Army said these contracts supplemented others totaling \$18,000,000 awarded Western Electric in July to develop manufacturing techniques and equipment that will make possible volume production of certain critical Nike Zeus components at such time as production of the Zeus system may be authorized.

Three contracts were involved in today's action. Two, totaling \$3,440,500, were awarded by the U.S. Army Signal Supply Agency, Philadelphia, Pa.; the other, for \$559,500, by the New York Ordnance District.

Nike Zeus has been successfully fired eight times in a rigorous test program at White Sands Missile Range, New Mexico.

The Army Rocket and Guided Missile Agency is charged with technical supervision of the Nike Zeus program. Western Electric is the prime system contractor and will perform the work at its Laureldale, Pa. plant.

Maj. Marvin Worley Has Book Published

Maj. Marvin L. Worley, Jr., a native of Decatur, and author of one of the original 33 books selected by a composite board in Washington for the Army Contemporary Reading Program, is now assigned to the Office of the Assistant Chief of Staff for Industrial Operations, AOMC.

Maj. Worley comes to Redstone from Verdun, France where he served as battalion commander of the 72nd Ordnance Battalion. Prior to assuming command of (See MAJ. WORLEY on Page 2)

Chiefs In ABMA Industrial Operations Are Named

Further assignments and redesignations within the Army Ballistic Missile Agency at Redstone Arsenal have been announced following the recent reorganization of that Agency.



Col. O. M. Hirsch

Brig. Gen. Richard M. Hurst, Commander of ABMA, called for a restatement of missions and responsibilities due to the transfer of some elements of the Agency to the National Aeronautics and Space Administration and the transfer of certain responsibilities for seven Army missile systems from the Army Rocket and Guided Missile Agency to ABMA on August 1.

The Director of ABMA's Industrial Operations, formerly the Industrial Division, is Col. Oliver M. Hirsch, who has been intimately connected with Army Ordnance programs since 1944. About 700 military and civilian personnel here at Redstone and at the facilities of prime contractors come under his supervision.

Industrial Operations is primarily responsible for accomplishing the intricate industrial phase of the Agency's missile programs and (See INDUSTRIAL on Page 3)

The Redstone Rocket

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MAJ. WORLEY

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skill, resourcefulness and attention to detail in coordinating and developing command policies and procedures" while serving on the general staff, and his "aggressive leadership, sound judgment, and untiring efforts" while serving as commanding officer of the 72nd Ordnance Battalion.

His first edition book "New Developments in Army Weapons, Tactics, Organization and Equipment, 1958" was the outgrowth of his work with Army Boards and Combat Development Agencies while assigned to the Infantry Center at Fort Benning, Ga., from 1953 to 1957. As a member of the Editorial Committee, Department of Non-resident Instruction, Major Worley wrote ROTC manuals, National Guard and Army Reserve instructional material, and Army Extension Courses.

The first edition contained chapters dealing with all combat arms with space devoted to Infantry Weapons, Tactics, Armor, Artillery, Signal, Engineers, Ordnance, Quartermaster, Chemical, and Airborne-Army Aviation.

In the second edition, which was published during the past year, Maj. Worley revised and brought up to date information given in the first edition in keeping with the continuous progress the 72nd, he served as chief of the Logistical Analysis Division, Headquarters Advance Section, Communication Zone, Europe.

Upon leaving Europe, Worley received the Commendation Medal (OLC) for his "demonstrated professional knowledge, technical

BOY SCOUTS

(Continued from Page 1)

of the Army at a Redstone Arsenal "open house."

Gen. Schomburg announced that this year's activities will be known as the "Pershing-Zeus Round-Up." The Pershing is the Army's newest surface-to-surface ballistic missile, designed to replace the Redstone. Nike-Zeus is the only anti-missile currently under development by the United

States. It is the third generation Nike missile, the first two being the Ajax and the Hercules.

Assisting Gen. Schomburg on the Round-Up committee are: Col. S. C. Holmes, Co-Chairman; Lt. Col. J. C. Baer, Assistant Co-Chairman; and Major R. A. Lyne, Recorder-Coordinator.

During the Fall, six Technical Representatives and two Division Representatives from Redstone Arsenal will assist Boy Scout District and Division Commissioners in formulating plans for the Round-Up. Representatives from Redstone Arsenal are: Lt. Col. Paul A. Lamoure, Lt. Col. B. H. Schimmel, Maj. William M. Kiser, Maj. William Nelson, Capt. Stan R. Sheridan, Capt. Sherman Seltzer, Sgt. R. L. Forman and Sp-5 M. M. Smith.

Boy Scout District Commissioners are Carlus Page, Scottsboro; Dr. J. A. Farr, Jr., Huntsville; Ed Milner, Decatur; W. J. Hamner, Cullman, and Dr. A. M. Christopher, Sheffield.

Division Commissioners are J. H. Richards, Normal; R. E. Kennedy, Decatur, and James Butler, Florence.

Robert L. Haskins, Tennessee Valley Council Scout Executive, outlined the year's program and pointed out that last year's drive added about 1400 boys to Scout rolls. He added that he expected approximately 2000 to join during this year's drive.

Gen. Schomburg displayed a drawing of the patch which will be presented to each Scout when he recruits a new boy for the program. At the "open house" in December, additional prizes will be awarded to the scouts who recruit the most boys.

Following the dinner, Mr. Haskins presented a movie, "They Also Serve," telling the story of the volunteer adult leader and his contribution to the Scouting program.

MISS FRANCIS

(Continued From Page 1)

office of the Post Commander. In 1953, Miss Francis became secretary to the first Commanding General of Redstone Arsenal, Brig. Gen. Thomas K. Vincent. She remained in this position under Maj. Gen. H. N. Toftoy (ret.) and transferred to AOMC when Gen. Toftoy was named the Deputy Commanding General in 1958. He was succeeded by Brig. Gen. Joseph M. Colby who retired in October, 1959.

Mrs. Helen Gilliam, who has been a member of the staff in the Office of the Commanding General since October, 1958, will be secretary to Gen. Barclay.

SERGEANT

(Continued From Page 1)

AOMC symposium for practical reasons and the field demonstration. The two-day program included over-all briefings from contractor personnel — Sperry Utah Engineering Laboratory is the prime contractor in a field of 27 major contractors—and representatives from various military installations.

Brig. Gen. John G. Shinkle, WSMR Commander, opened the conference and Lt. Col. Austin Triplett, AOMC, was chairman.

AUSA

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Officers of the chapter are: A. A. Demetriou, president; George K. Williams, first vice-president; Louis Grabensteder, second vice-president; and Jackson M. Balch, secretary-treasurer.

At the kick-off meeting last week, Demetriou reported that of the five resolutions presented by the local chapter to the National Convention in Washington earlier this month, three were adopted as national resolutions. One of these asked for a "crash program" for early production of the Army's Nike-Zeus anti-missile missile. The Zeus, now in the research and development stage, is being developed under the supervision of ARGMA.

ONE FOR THE ROAD: It's better to have a light foot than a heavy heart. Slow down.

UGF

(Continued From Page 1)

Red Cross, American Social Hygiene Association, Boy Scouts of America, Community Council, Council Day Care Center, Christmas Charities, Church Street Community Center, Girl Scouts, Grace Club Day Care Nurse, Harris Home for Children, Huntsville Boys Club, Madison County Mental Health Association, National Recreation Association, National Travelers Aid Association, Madison County PTA Milk Fund, Salvation Army, United Jewish Appeal, USO, YMCA (Central), and YMCA (Virginia McCormick).

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The first edition of Maj. Worley's book is available in the Post Library. The second edition is available to Redstone Arsenal personnel at the Andan News Store in the Parkway Shopping Center on Memorial Drive.

Maj. Worley holds a BS degree from the University of Georgia. He also attended the University of Tennessee and Los Angeles City College. He is married to the former Norma Lee Dunning of Nashville, Tenn. They have two daughters, Carol and Debra. The Worleys reside at 278 Skinner Drive.

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CAPITAL AIRLINES

(Continued From Page 1)

includes industrial engineering, procurement and production, quality assurance and acceptance inspection, provision of facilities and technical resources, and industrial mobilization.

This organization provides technical guidance and assistance to the eleven Ordnance Districts in negotiation of the Agency's missile contracts which annually involve more than \$400,000,000, and industrial liaison with other government activities and contractors.

Colonel Hirsch is a native of Kansas City, Missouri. Prior to entering the service as a reserve infantry officer he studied engineering at Kansas City Junior College and the University of Missouri. He holds a Masters Degree in Business Administration from the University of Chicago's Graduate Business School.

He is also a graduate of the Ordnance Corps' Executive Development Program, the Advanced School and the Army's Command and General Staff College. His assignments with Ordnance have included command of the Cornhusker Ordnance Plant, the Denver Ordnance Works, the Nebraska Ordnance Plant, the 63rd & 67th Ordnance Battalions and the

Far East Insular Depot Complex. He also served as Executive Officer to the Commanding General at Ordnance Ammunition Command and was Major General H. N. Toftoy's Executive at Redstone Arsenal from 1955 through 1957. He was assigned to ABMA in September 1959 as Director of the Industrial Division.



H. R. Lowers

Assisting Col. Hirsch as Deputy Director is Horace R. Lowers, a Naval Reserve Officer, who served in the Office of the Chief of U. S. Army Ordnance for eight years prior to moving to Redstone Arsenal in May 1959. He is a graduate of Clarkson College of Technology, Potsdam, New York, with a bachelor's degree in Mechanical Engineering.

He has a Master of Automobile Engineering degree from the Chrysler Institute of Engineering in Highland Park, Michigan; he has completed all course requirements for a Masters Degree in Engineering Administration from George

Washington University, Washington, D. C.; and is a graduate of the Armed Forces Industrial College. He began his government career in 1948 and has been continuously associated with advanced Ordnance research and development engineering, procurement and production, and industrial mobilization.

While assigned to the Office, Chief of Ordnance, Lowers was Civilian Chief of the Tank-Automotive Branch and Special Assistant to the Chief, Industrial Division.

He won recognition during this period for studies which resulted in reduction of administrative leadtime in procurement of secondary items. He accepted the position of Deputy Director of Industrial Operations with ABMA in May 1959.

Organizationally, Industrial operations is comprised of three principal Staff Offices, three Operating Divisions, A value Analysis Office and an Administrative Office.

Industrial Planning Office
The Industrial Planning Office is the principal staff office of Industrial Operations and is managed by James E. Spencer. This



James E. Spencer

is the business office of the organization and the hub of Industrial Operations activities. It prepares the Industrial Operations portion of plans, programs and budgets and exercises staff control over approved fiscal year programs. It maintains primary control for long range planning and continuity of the Industrial Operations mission responsibilities and reviews the activities of all organizational elements to assure progress and effectiveness of operations. It is also concerned with matters of organizational development and staffing. The office

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Mr. Spencer is a native of Gary, Ind. He attended the University of Florida, Gainesville, Fla., and has worked with the Ordnance Corps since 1941, both in the inspection and management fields.

Prior to his employment with ABMA he was Deputy Chief of the Inspection Division of Ordnance Ammunition Command from 1953 to 1956. Upon assumption of his duties with ABMA in November 1957, he became largely responsible for the establishment and staffing of the newly formed Planning Office of Industrial Division and for formulation and establishment of the Division operating policies. He has been closely associated with the formulation and execution of the Industrial programs for the REDSTONE, JUPITER and PERSHING Missile Systems.

Cecil R. Stump is Deputy of Industrial Planning Office.



Charles R. Yates

Facilities & Resources Office
The Chief of the Facilities & Resources Office is Charles R.

(Continued on Page 6)

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Social News

RECEPTION HONORS CATHOLIC CHAPLAIN, MAJ. B. M. BURNS

The Catholic ladies at Redstone Arsenal held a reception to honor the Rt. Rev. Bernard M. Burns who joined the chaplain's staff at the end of July. The reception was held in the social room of the post chapel. Approximately 150 people attended the event.

Chaplain Burns is an Army major. He was the Catholic Chaplain at Ft. Shafter, Hawaii prior to his assignment here.

Born and reared in Illinois, Chaplain Burns studied at Quigley Preparatory Seminary in Chicago, studied two years of Philosophy at St. Mary of the Lake, in Illinois, and completed four years of theological training at St. Thomas' in Denver, Colo. He also became a Reserve Chaplain in the Army and was called to active duty in January, 1942.

Chaplain Burns is a Westerner by adoption. His Diocese is in New Mexico, and he considers Albuquerque as his hometown.

He is a member of the Knights of Columbus, the Elks Club, the Lions Club and the American Legion. These memberships are also founded in the West.

Overseas, Chaplain Burns was in Puerto Rico and Panama from 1943-45. He went to Hawaii from Panama in '45 and was released from active service until 1951. In 1952, Chaplain Burns was stationed on Okinawa.

Ladies who assisted in organizing the reception included Mrs. B. A. Ferry, chairman, Mrs. K. C. Whitehead, Mrs. C. E. Williams, Mrs. E. J. Kennedy, Mrs. O. A. Hufnagel, Mrs. J. R. Foley, Mrs. Stephen Horvath, Jr., Mrs. Duke Ketteringham, Jr., Mrs. Lucian White, Mrs. J. E. Harris, and Mrs. M. B. Christian.

Miss Judy Rega poured coffee at a table centered with coral colored gladioli. Punch was served by Anne DeLamarter, Lee Ann Kennedy and Nora Rega at a second table which had an arrangement of lavender and white chrysanthemums, baby breath and asparagus fern as the centerpiece.

Capt. and Mrs. Fite Awarded Garden Club Plaque of Mo.

The Redstone Arsenal Officers Wives Garden Club presented the plaque for the Yard of the Month to Capt. and Mrs. Harrison Fite, 453 Tripp Drive, during the regular meeting in Tuesday, Aug. 18, at the Squirrel Hill Club.

Mrs. George A. Henderson, Town and Country Garden Club of Huntsville, spoke to the group about roses.

Mrs. Benjamin B. Albert, Jr., made arrangements of roses which were awarded as door prizes to Mrs. Charles C. Mauceri and Mrs. Robert D. Retka.

Another door prize, a book on flower arrangements, went to Mrs. Richard C. O'Brien.

Mrs. DeWitt H. Mytinger, offered sprigs of mint and cuttings of colea to the members.

Two new members, Mrs. James H. Davitt and Mrs. Rexford R. Javins, were welcomed into the group.

The next meeting will be held on Tuesday, Sept. 20.



VERY PRETTY YARD—The Redstone Arsenal Officers Wives Garden Club awarded the monthly plaque for the nicest yard to Capt. and Mrs. Harrison Fite at their meeting last week. On the porch of the Fite quarters are Mrs. Fite (left) and Mrs. Charles E. Harrison, a member of the plaque committee.

Chemists Will Hear Dr. George Butler Talk About Russia

Dr. George B. Butler, Consultant in Polymer Chemistry to the Propulsion Laboratory, Research and Development Operations, Army Rocket and Guided Missile Agency, and Professor of Organic Chemistry, University of Florida, will be the featured speaker at a dinner meeting of the Alabama Chapter, The American Institute of Chemists, on Thursday, Aug. 25, at the Hotel Russel Erskine.

Dr. Butler will show color slides

which he made in Moscow and Leningrad, during his visit to the U. S. S. R. in June, when he attended the International Symposium of Polymer Chemistry, held at Moscow State University.

There will be a social hour at 6 p. m. and a steak dinner will be p. m. Cost of the dinner will be \$3.00 per plate. Wives and friends of members, and others who are

interested in hearing Dr. Butler are cordially invited. Dinner reservations should be made by Wednesday afternoon, and may be made with: Bill Guthrie, ABMA Ext. 3-3181; Dr. Fred Hawthorne Rohm & Haas, ext. 422; John Miller, Thiokol, ext. 6-6523; Lee Wafel, NASA ext. 3-7383; or Marti Williams, ARGMA, ext. 3-7743.

Bridge Group Has Seven Tables In Play Monday

Seven tables of bridge were in play at the Monday, Aug. 15, meeting of the Bridge Group at the Squirrel Hill Officers Club.

Capt. and Mrs. H. L. Carmichael were host and hostess for the evening.

Winners for the women were Mrs. Fred Ellis, first, and Mrs. Matt R. Wagner, second.

Winners for the men were Capt. Carmichael and Lt. T. M. Rutherford, II.

Reservations for next week may be made with Mrs. John Seavreid, ext. 5-7841, until noon Saturday.



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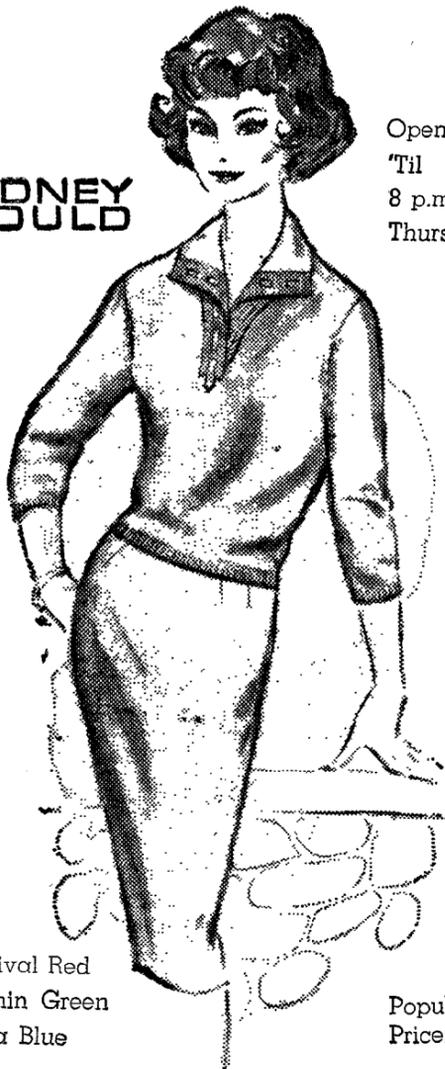
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At the Service Club

POST WIDE TABLE TENNIS TOURNAMENT: Attention all units! Make sure you have representative in the Post Table Tennis Tournament, Aug. 25 and 26 at 1900 hours. A trophy will be awarded to the unit as well as to the representative who wins the tournament. Here's hoping that your unit wins.

BIRMINGHAM TOUR: Be ready to climb aboard the bus for Birmingham, Aug. 27 at 1500 hours. The group will tour the Museum of Art. Following the tour through the Museum the Enlisted Men will have a picnic supper with the Birmingham Hostesses. Sign up now in the Service Club Office for this delightful Saturday afternoon and evening.

BIRTHDAY PARTY AND DANCE: The Service Club would like to help you celebrate your birthday this month. A Birthday Party will be held on Aug. 28 at 1900 hours. Delicious cake and punch will be served. A Record Dance will follow the Birthday Party at 1930 hours. The Huntsville Hostesses will be present for the Sunday evening event.

HAWAIIAN DANCE: Spend an enjoyable evening in a Hawaiian atmosphere on Aug. 30 at 2030 hours 'til 2330 hours. Hilding Holmberg will provide the music for the evening.

The Huntsville Hostesses and Birmingham Hostesses will be present to help make your stay in Hawaii a delightful one.

DANCE CLASSES: You will miss an evening of fun if you don't miss our Dance Classes on Aug. 24. The Cha Cha Cha Dance

Class will start at 1930 hours, and the Jitterbug Dance Class will start at 2030 hours.

HISTORY: The Huntsville and Birmingham Hostesses "cut a rug" with the Hep Cats from Redstone at the Beatnik Dance on Aug. 9. The Gene Louis Sextet furnished the music for the crazy event. Barbara Greiner and Basil Wheeler were awarded prizes for wearing cool Beatnik Costumes. Molly Patterson, Service Club Director, Leo Young, and Phil Maurice were responsible for the real gone decorations.

Jim Stark proved that he was an excellent Shuffleboard Player by winning first place in the Shuffleboard Tournament on Aug. 11.

Sgt. Kipp and Joseph Vincent were the first and second place winners for Monte Carlo Night on Aug. 12.

Mrs. Swearingen Is Party Bridge Winner

The Bridge Group of the Arsenal Officers Wives Club had four tables in play last Thursday during their meeting at the Squirrel Hill Officers Club.

Winners were Mrs. J. C. Swearingen, high and Mrs. R. R. Javins, second.

Anyone interested in playing may make reservations by calling Mrs. A. Y. Harper, JE 9-2606 by noon on Wednesday.

The group plans a Party Day on Sept. 15. Special prizes will be awarded following play on Party Day. The group is extending a special invitation to newcomers to the post.

Mrs. J. T. Bull, JE 6-9623 off

Cora Carr Briskey Is Appointed to International Post

Announcement was made by Mrs. Robert N. Flint, President of the Huntsville Toastmistress Club, that Mrs. Cora Carr Briskey had been appointed Historian of the International Toastmistress Clubs.

The organization is made up of over a thousand clubs located in eleven nations of the world.

Mrs. Briskey is a charter member of the Huntsville Toastmistress Club and has served in several club offices as well as Chairman of the International Public Relations Committee. Mrs. Briskey works in the Control Office at Redstone Arsenal.

The club's theme this term is "We Tour the World." Miss Dolli Wiginton as Topic Mistress at Wednesday's meeting, developed the program theme of "France" by calling on various members for impromptu speeches on what they liked most—or would like most to see—in France.

Toastmistress of the evening was Mrs. R. P. Hearn who introduced the following speakers and their subjects: Miss Helen Acuff, "As France Goes . . ." "Doctor" Acuff presented her subject in the form of a medical examination of her problem patient, France. Mrs. Bernard A. Ferry gave her icebreaker—an autobiography. Mrs. Douglass Pamplin, who was the club's official delegate to the International Toastmistress Club's annual convention in Los Angeles, gave a report of the proceedings, with sidelights on Disneyland and other points of interest she visited while on the West Coast with her husband and daughter.

The educational phase of the

Births at Post Hospital

Caroline Warfield Leppo, 7 lbs. 6½ ozs., Aug. 11, daughter of 2nd Lt. and Mrs. David L. Leppo.
David Gerard Schebler, 2 lbs., 15½ ozs., Aug. 12, son of Pvt.-2 and Mrs. Carl J. Schebler.
Margaret Noerr, 6 lbs., 7½ ozs., Aug. 12, daughter of SFC and Mrs. Ira E. Noerr.
Deborah Marie Davis, 5 lbs., 3¾ ozs., Aug. 13, daughter of Pvt.-2 and Mrs. Donald J. Davis 313 Cambridge St., S.E. Hunts-

ville, Ala.
Leymon Lance Long, 7 lbs., 14¾ ozs., Aug. 14, son of YN2 and Mrs. Leymon H. Long.
Lynne Ann Sargent, 7 lbs., 6¾ ozs., Aug. 15, daughter of PFC and Mrs. James B. Sargent.
Kelly Lynne Jones, 5 lbs., 13½ ozs., Aug. 16, daughter of PFC. and Mrs. Robert H. Jones.
William Elmer Bond Jr., 6 lbs., 6½ ozs., Aug. 17, son of PFC. and Mrs. William E. Bond.

William Scott Maness, 6 lbs., 10 ozs., Aug. 17, son of S-Sgt. and Mrs. William H. Maness.

Kathy Ann Kreischer, 7 lbs., 11½ ozs., Aug. 17, daughter of Maj. and Mrs. Edmund W. Kreischer.

Wife to maid: "I suspect my husband of having a love affair with his secretary."

Maid: "I don't believe it. You are just saying that to make me jealous."

program was, "Duties of the Club President," given by Past-President Mrs. George W. Warren, and "Duties of the Club Representative," by Mrs. L. K. Wood who is presently filling that office.

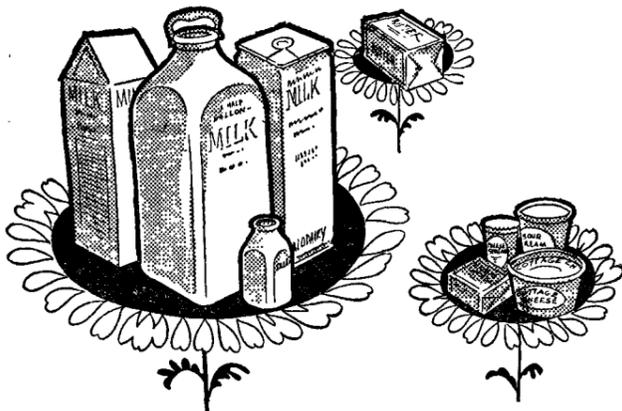
Miss Helen Acuff received the trophy for the Best Speech of the evening.

General Evaluator of the meeting was Mrs. Edward Sheffel. Member panel of evaluators was composed of Mrs. Cora Carr Briskey, leader; Mrs. Jo Wilson and Mrs. Milton M. Mason. Mrs. Miles Hardenburgh, as Lexicologist, traced the origin of certain American words that are creeping into the French language; Mrs. C. D. Leatherman served as Grammarian and Parliamentarian.

Guests at Wednesday evening's dinner meeting were Mrs. O. A. Ready, Miss Nell Curtis, Miss Mary Elizabeth Chesser, and Mrs. Albert McDonald, all of Huntsville.

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Industrial

(Continued From Page 3)
 Yates. This Office is responsible for the provision and utilization of facilities, resources, machine tools, equipment and materials necessary to accomplishment of the Agency's programs.

It directs the layaway and clearance of plants and facilities, controls facilities budgets, supervises the screening and utilization of production equipment and the control and distribution of critical materials, and directs the Agency's Government Industrial Reserve and Industrial Mobilization programs.

The Office employs 21 persons and is comprised of three Branches: Projects Branch, Materials & Equipment Branch and Mobilization & Reserve Branch.

Yates is a graduate of Benjamin Franklin University, Washington, D. C. and holds a Bachelor of Commercial Science degree.

He served continuously with the National Advisory Committee for Aeronautics at Washington, D. C. from 1936 to 1956, being primarily connected with procurement and supply. (NACA has since become NASA.)

Prior to his assignment to ABMA he was Liaison Officer with the Department of Defense and Atomic Energy Commission on facilities and procurement matters. He was employed by ABMA in March 1956, and instrumental in the initial establishment of the Agency's Facilities & Resources activity and in promulgating basic policies in this area.

Kenneth F. Yates is Deputy Chief of the Facilities and Resources Office.

Engineering Division

The Engineering Division assures the orderly transition of de-

velopment items into quantity production and provides engineering support to development, train-

ing and logistic support activities of ABMA. Major Oren W. Bryant is Acting Director of this Division. He is a graduate of the University of Cincinnati with a degree in Aeronautical Engineering. He was commissioned with the U. S. Army Ordnance Corps in 1943 and was subsequently assigned to the Office, Chief of Ordnance, and various overseas theaters.

He received the Bronze Star for duty with the Tokyo Engineering Works, Japan, 1950-1953, and received the Freedom Foundation Award in 1956 and 1958. Prior to his assignment to ABMA, Maj. Bryant was Commanding Officer of the U. S. Army Ordnance Plant, Schwaebisch-Gmuend Germany.

The Engineering Division employs 267 persons here at ABMA and at the Division's five field liaison offices in Detroit, New York, Orlando, Los Angeles and Salt Lake City. These personnel are primarily engineers, engineering technicians, documentation, cataloging, packaging and preservation specialist, having degrees in all of the major scientific fields.

The organizational structure includes five major branches with responsibility for structures and propulsion, guidance and control, instrumentation, special weapons and missile support equipment engineering. In addition, there is a Division executive office, a program coordination office, an engineering office. The Division also manages the Agency's Documentation Center.

John C. Goodrum is Deputy Director of the Engineering Division.

Procurement Division

The Procurement Division, under direction of John A. Muller, is responsible for managing the

services, materials, equipment and contractor facilities.

This Division assures that contracts are administered in accordance with sound business practices and that the government obtains the best pricing. It expedites products to a point of delivery and maintains information on nationwide industrial capabilities. Currently, the Division is linked with the eleven Procurement Districts by a teledata network which provides for rapid transmission of communications on procurement contracts and related matters.

Muller attended the Indiana University Extension, Ft. Wayne, Ind., is a graduate of the Army's Procurement School at Fort Lee, and the Judge Advocate General School's Contract Negotiation course, Charlottesville, Va.

He worked for General Electric in Procurement and production from 1940 to 1951. He has been associated with guided missiles since 1948.

He entered government service at Redstone Arsenal in 1951 and was a key figure in establishing the Agency's procurement activity early in 1956.

He was instrumental in establishing the initial directives on handling of missile system contracts, in devising procedures for rapid integration of changes to existing contracts in assuring maximum utilization of special powers and authorities on ABMA contracts and in setting up Project Offices throughout the United States to handle certain contract administration matters.

More more mohe more more mo
 The Procurement Division employs 158 persons and is comprised of five commodity branches, a support services branch and a Division executive office.

John B. Parker is Deputy Director of the Procurement Division.

Quality Assurance Division

Kenneth E. Joy serves as Director of the Quality Assurance Division. This Division is responsible for assuring that missile material is manufactured in conform-



Kenneth E. Joy

ance with Army requirements. It employs 112 persons located at the Arsenal and at Quality Liaison Offices at the plants of prime contractors. The Division establishes Quality Standards and procedures, approves contractor Quality Control Systems, approves test equipment design and use, collects and evaluates data, and supports reliability and surveill-

ance programs.

It also carries out a planned schedule of Key Inspections for the Agency of Procurement Districts, proving grounds, prime contractors, subcontractors and other facilities engaged in providing missile items and components for ABMA.

Organizationally, the Division consists of three major branches and two offices: Quality Engineering Branch, Inspection Equipment Branch, Key Inspection Branch, Weapons Systems Coordination Office, and a Training Office for inspectors.

Joy attended Albion College in Michigan and the George Washington University in Washington, D. C. He also received Quality Control and Inspection training at the Bell Telephone Laboratory. He has more than 25 years of service with the government.

Prior to his assignment with ABMA in May 1959, Joy was a Civilian Executive Assistant in the Weapons and Fire Control Branch, Office, Chief of Ordnance.

His career has been a continuation of many important assignments including working as Special Assistant to the Chief of Ord-

(Continued on Page 11)

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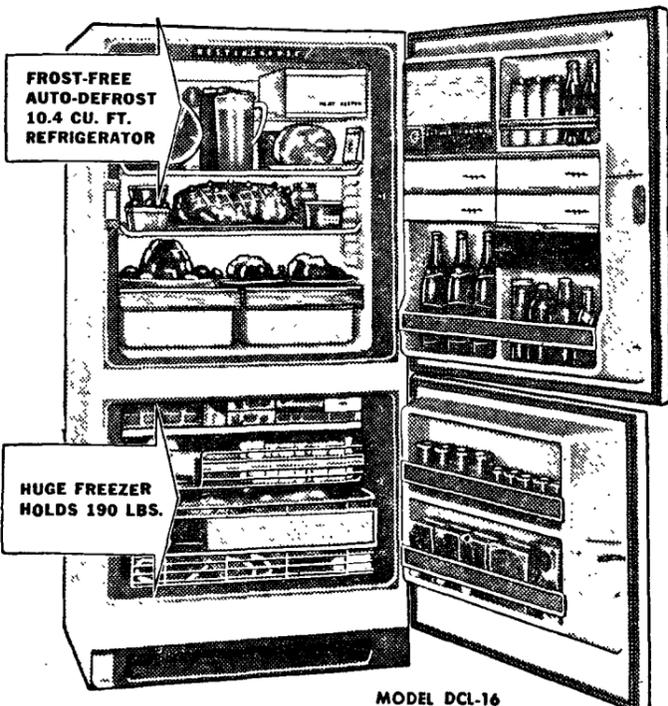


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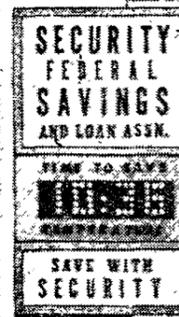
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DEFENSE BOND DRIVE CITATIONS—Col. H. H. Wishart, Director, Industrial Operations recently presented personnel of the Industrial Operations with Defense Bond Participation Awards. The Facilities and Resources Office was doubly honored as they received a second year award for 100% participation. The Direct Support Systems (Free Flight) was a first year 100 percenter while the Air Defense Systems (Low Altitude), the Anti-Missile Missile Systems, the Direct Support (Guided) Systems and the Air Defense Systems (High Altitude) were presented awards for 98, 96, 67 and 66% participation. "Salesladies" seated left to right are Mrs. Cherie Harris, Mrs. Alda Sturdivant, Mrs. Ruth Tetrault, and Mrs. Carmen Harrell. Mr. Billy Barnard "Salesman" for the Air Defense System (High Altitude) is standing second from left. Chiefs or Acting Chiefs who contributed to the success of the drive are standing left to right: L. F. Chesebro, B. Barnard, E. W. Ertl, John White, J. F. Neely, G. A. Hooper who accepted the award for Major Walsh, Mr. D. R. McClung.

VOTE COUNTERS HAVE A HISTORY

The complicated mechanism which casts and counts the votes of millions of citizens in the United States today is in marked contrast to the simple devices that served as the first voting machines.

which combined voting and counting were first introduced in this country. The mechanized tabulators promptly caused a movement for their wide use, especially in states with numerous presidential electors.

The voting machine, a mechanical Australian ballot, grew out of the need to correct gross abuses which existed with the paper bal-

lot, in spite of its official character and its being marked in secrecy.

The tabulating machines eliminated much fraud, error and carelessness.

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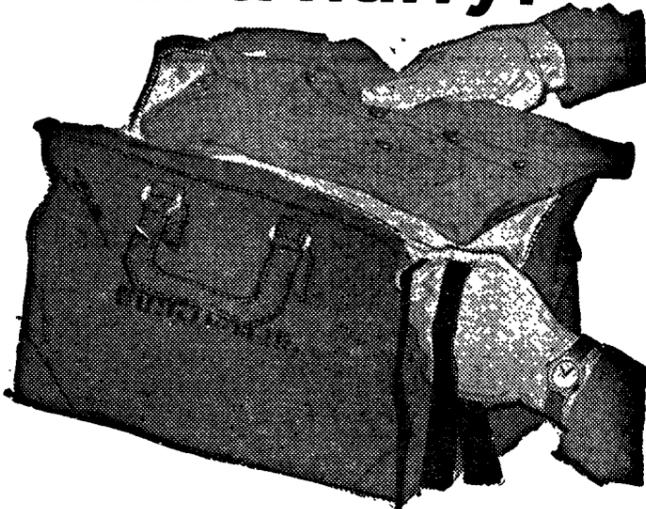
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100	\$ 5.74	\$ 7.27	10.04	18.45
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Teddi will be at Bill's downtown all day Thursday and at Bill's, Parkway all day Friday.

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quality MEN'S WEAR

SPORTS

Redstone Bowling League Selects Officers for 1960

The Redstone Arsenal Bowling League elected officers recently. The teams will meet at the Plamor Alleys, Monday, Sept. 12, to open the 1960 season.

Officers this year are: William H. Klieber, president (Post Engineer Division); William E. Arthur, vice president (Field Maintenance Division); SFC. C. Cahoon, secretary (Troops Command); and H. R. Gangl, treasurer (Post Engineer Division).

The president announced an opening for one team in the league, for further information, Klieber may be contacted at extension 3-1893.

Arsenal Pistol Team Represented at Camp Perry Matches

The Redstone Arsenal Pistol team was represented at the 1960 National Pistol Matches held at Camp Perry, Ohio recently.

Members of the team are: Lt. Richard O. Sayger, captain, CWO. Melvin R. LaPointe, SFC. Elmer F. Biel, Sp/4 David L. Sawvel, Sp/4 John S. Trask, and PFC. Richard Egolf.

SFC. Biel and Sp/4 Trask attended the Small Arms Instructor Course, the remainder of the team the Small Arms Firing School. Both courses were conducted by the 3rd Infantry Division.

Sp/4 Sawvel and Sp/4 Trask won awards in the .45 and .22 caliber matches, respectively during the individual pistol matches.

The next match the team will complete in will be an invitational at Ft. McClellan Aug. 27.

SECRETARY BRUCKER SAID IT: "We owe it to our country to exhibit the spirit of true unity in thought, work and deed in order to do the best job for America. We have done it among the dangers of war. We will do it in this era of dangerous peace."

Mrs. Albee, Mrs. Napper Win Blind Partner Tournament

Winners of the Blind Partner tournament held by the Golf Group of the Redstone Arsenal Officers Wives Club last Wednesday were: Mrs. Stephen Albee and Mrs. F. E. Napper, first; Mrs. J. B. Levaas and Mrs. J. N. Jean, second.

The group will have lunch and a business meeting at the golf course on Wednesday, Aug. 31. The play that day will be a "dog fight."

How's Your Know How?

(AFPS Weekly Feature)

1. How many U. S. Presidents were college graduates?
2. Who are buried in Potter's Field?
3. Can sound waves be used for power?
4. Who first discovered the speed of light?
5. What wood has the lightest weight?

Answers to Quiz

1. All but the following nine: Washington, Jackson, Van Buren, Taylor, Fillmore, Lincoln, Johnson, Cleveland, Truman.
2. Paupers.
3. Yes. if the rate of vibration is high enough. They have been used to mix mayonnaise, homogenize milk, repel insects, produce fever, dissipate smog, pop corn and catch burglars.
4. A young Danish astronomer, Ole Roemer, in 1675, after observing eclipses of the moons of Jupiter.
5. Balsa, from South America.

SPORTS QUIZ

(AFPS Weekly Feature)

1. Who are the fabulous twin defensive brothers for Southern California's forward wall?
2. What former Naval Academy coach is now top dog with Oakland of the American Football League?
3. What famous pro quarterback is now coaching the Coast Guard Academy?
4. Who is the president of the Football Writers Assn. of America?

Answers to Quiz

1. All-America end Marlin Mc-

Training in HIPAR For Nike Hercules Is Completed by 16

The sixth and last class of the Improved Nike-Hercules Key Personnel Course on the HIPAR was completed recently at General Electric Co., Inc., Training Center, Syracuse, New York.

Sixteen key military and civilian personnel received certificates for satisfactorily completing the course.

The graduates represent ARGMA, OGMS, White Sands Missile Range, Armies I, II, VVI. Mt. Ranier Ordnance Depot, Eric Ordnance Depot, CONARC, and Frankford Arsenal.

The honor graduate was James R. Looney, Jr., a civilian employe at CONARC. He had a 99.1 grade average for the six weeks.

George W. Wilde, Project Training Officer of the Tactical Systems Project Office, Research and Development Operations, ARGMA addressed the graduating class and gave special recognition to the honor student and the contractor personnel that conducted the HIPAR course.

ARGMA has the mission of assuring an orderly transfer of system knowledge and skills from the developer to appropriate technical service and user agency. This applies to new missile systems and the use of modifications in systems.

A total of 95 key military and civilian personnel have completed the six classes on HIPAR of the Improved Nike Hercules Key Personnel Course.



REBEL WITH A FLAG—Miss Annaloyce Tipton, engineer typist for Southern Associated Engineers at the Arsenal, is this week's charming Rocket pin-up. Bales of cotton draped with a "rebel" flag symbolize the background of this Southern Miss.

Movie Schedule

Wednesday, Aug. 24, "College Confidential" starring Steve Allen and Mamie Van Doren. Time 1800 and 2030 hours.

Thursday-Friday, Aug. 25-26, "Elmer Gantry" starring Bert Lancaster and Jean Simmons. Time 1800 and 2045 hours.

Saturday, Aug. 27, Special Matinee "Green Mansions" starring Audrey Hepburn and Anthony Perkins. Time 1000 hours.

Saturday, Aug. 27, "As the Sea Rages" starring Maria Schell and Cliff Robertson. Time 1800 and 2030 hours.

Sunday-Monday, Aug. 28-29, "The Crowded Sky" starring Dana Andrews and Rhonda Fleming. Time Sunday 1400, 1800 and 2030 hours. Time Monday 1800 and 2030 hours.

Tuesday, Aug. 30, "Duel in the Sun" starring Gregory Peck and Jennifer Jones. Time 1800 and 2030 hours.

Keever, and his brother Mike, a guard.

2. Eddie Erdelatz.
3. Otto Graham, formerly with the Cleveland Browns.
4. Furman Bisher, sports editor of The Atlanta Journal.
5. Red Grange of 1924 Illinois fame.

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DISCUSS STATE FAIR—Project officers from Redstone Arsenal discuss plans for the Army Ordnance exhibits which will be displayed at the Alabama State Fair in October. Around the table from left to right are: Capt. R. W. Jones, ABMA Project Officer; Capt. Young Moore III, OGMS Project Officer; Lt. Col. Roy L. Chatham, Chairman of the State Fair Committee and AOMC Project Officer; Maj. Orlando Garcia, ARGMA Project Officer; M/Sgt. Richard C. Walker, representing Redstone Project Officer Capt. M. A. Sulkowski.

Pushing down the brake is easier than pushing up daisies.

Army Issues Warning To Look Into Rules Before Taking Job

WASHINGTON (ANS) — A Department of the Army spokesman has issued a warning on rules governing off-duty jobs by military personnel, citing an organization specializing in the sale of securities which recently announced that it had hired more than 350 active duty military personnel as salesmen. A newspaper article indicated that these salesmen will sell to other military personnel.

DA policy on the subject of sales activity by active duty personnel is quite explicit; Military personnel will not solicit the sale of any commodity on a military installation.

All active duty personnel con-

tempting off-duty employment should also be aware of the prohibition against the use of a military title in connection with a commercial enterprise. Rules de-

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Fred MacMurray

SATURDAY

'Darby's Rangers'

STARTS SUNDAY

'Hannibal'

VICTOR MATURE

THREE RESERVE OFFICERS STUDY AT OAK RIDGE

OAK RIDGE, Tenn., August — Three residents of the Huntsville area were among Reserve officers from throughout the country attending the U. S. Army Nuclear Science Seminar here this summer.

They are 1st Lt. Rein Ise, 1st Lt. Donald W. Sheridan, and 1st Lt. Eugene W. Urban.

All members of the 3353rd Research & Development Unit, an Army Reserve organization in

tailoring permitted and prohibited off-duty activities are given in AR 210-10 and AR 600-10.

Huntsville. All also are employees at Redstone Arsenal—Lt. Ise as an aeronautical research engineer, Lt. Sheridan as an Ordnance engineer, and Lt. Urban as a physicist.

The purpose of the seminar is to provide scientifically trained Reserve officers with background information on developments in the growing field of atomic energy and nuclear science.

Host to the seminar is the 325 2nd Research & Development Unit in Oak Ridge commanded by Colonel Herman M. Roth, who in civilian life is director of the Research & Development Division, U. S. Atomic Energy Commission, Oak Ridge.

TONY

THURSDAY - FRIDAY
'One Foot in Hell'
ALAN LADD

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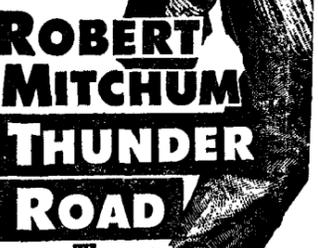
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THIOKOL MAN PRESENTED ARMY AWARD — Col. John G. Zierdt, Commander, Army Rocket and Guided Missile Agency, Wednesday presented J. W. Wiggins, General Manager, Thiokol Chemical Corp., Redstone Division, a Certificate of Achievement for performance of outstanding service to the Army Rocket and Guided Missile Agency and the Army Ordnance Missile Command. The Certificate was in recognition of Wiggins' work in the missile industry. It read "Certificate of Achievement awarded to Mr. J. W. Wiggins, General Manager, Thiokol Chemical Corporation for performance of outstanding service to the Army Rocket and Guided Missile Agency and the Army Ordnance Missile Command while serving as Chief Project Engineer, Chief of the Mechanical Engineering Department, and most recently, as General Manager of the Redstone Division of Thiokol Chemical Corporation, Redstone Arsenal, Alabama. Mr. Wiggins' competent leadership inspired the development of the Falcon series, the Matador B booster, and the Recruit rocket motors. Of most significance were his pioneering experiments in demonstrating the feasibility of the blast-tube concept for center of gravity control. His record reflects recognition of his increasing effort to serve the Army Ordnance Corps needs by developing lightweight, larger, and more efficient rocket motors than have been previously produced. For this service, the United States Army is in his debt. Signed, J. G. Shinkle, Brigadier General, USA, Commander."

WARNING

WASHINGTON (ANS) — The Air Force has warned that depending on "space available" hops for overseas vacations can turn out to be a costly venture. They said that, continuing through October, space will very likely not be available when needed—both in the Pacific and European areas.

Advising all personnel to guard against overstaying furloughs and courting possible AWOL charges, they also continued would-be travelers to carry sufficient money to pay their own way

Rhymes of the Times

LET YOUR COUNTRY HEAR YOUR VOICE. VOTE THE PARTY OF YOUR CHOICE. Agen...AFPS



back to their station. The average air coach fare from London to Washington, D. C., is \$236; from Paris, \$306; from Tokyo, \$591; from Hawaii, \$247.



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Get a Kenmore 70 All-Fabric AUTOMATIC WASHER hooked to existing facilities for only **\$207.22**



SNAFU



DID YOU KNOW? A working model of a nuclear power reactor which the U. S. Army hopes will be able to supply economical electric power to distant Arctic and Antarctic posts currently is in operation at Fort Belvoir, Va.

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OR MAKING A LOAN PAYMENT

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Industrial

(Continued From Page 6)

nance. He developed layaway procedures for industrial equipment subsequent to World War II, and more recently, he designed and developed a self-supported inflatable plastic hut ment for protective storage of Ordnance production equipment and other military uses which greatly reduced previous costs in these areas.

He was recently awarded the Exceptional Civilian Service Award by Secretary of Defense Brucker for his design and development of this device, well known to the general public as the Pentadome. During his career, Joy has received a number of patents on air drop devices for small arms in addition to the patents he holds on the Pentadome.

Miles R. Hardenburgh serves as Deputy Director for the Quality Assurance Division.

Industrial Operations Project Office

The Industrial Operations Project Office is a relatively new segment of Industrial Operations, es-



E. C. Roberts

established for the purpose of integrating those activities which are commodity oriented and for ensuring that all required actions with respect to these commodities will have been taken by all elements within the Directorate. Four Project Directors, or Weapon System Family Managers, supervise the activities within this office.

At the present time E. C. Roberts, recently transferred from the Army Rocket & Guided Missile Agency, is Project Director for General Support Missile Systems (Corporal & Sergeant); Maj. K. T. Jackson is Project Director for Medium Range (Solid) Systems (Pershing, Space & Special Projects); Maj. W. F. Higgins is Pro-

ject Director for Medium Range (Liquid) Systems (Jupiter and Redstone); and Maj. D. T. Walsh is Project Director for Direct Support (Free Flight) Systems (Honest John, Little John & LAW).

Roberts is a graduate of Texas A&M and holds a BS Degree in Mechanical Engineering. He is also a graduate of the Special Ordnance Engineering School for guided weapons. He entered service with the Ordnance Corps in 1939 with the Office, Chief of Ordnance.

He has been with Redstone Arsenal since 1952 and prior to his transfer to ABMA on August 1, was Chief of the Corporal and Sergeant Branch of Industrial Division, ARGMA. He has received several patents on artillery and mortar weapons, including the standard 81mm mortar currently used by the Army. Roberts has two interesting hobbies: gem cutting and model airplanes.



Maj. K. T. Jackson

Maj. Jackson is a graduate of Massachusetts Institute of Technology with a BS Degree in chemical Engineering. He also did graduate work in management at New York University and is a graduate of the Chemical Corps Basic and Troop Officers Course, Ordnance Officers Advanced Course and the Military Comptroller-ship Course.

He was commissioned in 1940 During World War II, he served overseas in staff positions and with troops.

In 1945 he left military service to become consulting engineer with the Factory Mutual Engineering Division, and subsequently, technical editor with Vitro Corporation. In 1953, he returned to military service as Chief of Procurement Services, and later Comptroller, of New York Chemical Procurement District.

He also commanded the U. S. Army Chemical Depot in Korea,

transferring from the Chemical Corps to Ordnance in 1958. Maj. Jackson has been Assistant Director, Industrial Division at ABMA since July 1959.



Maj. W. F. Higgins

Maj. Higgins is a graduate of the University of Maryland with a BS degree in Military Science. He is also a graduate of the Ordnance Officers Advanced Course. He was commissioned in 1944. Much of his military service has been overseas in the Far East and Europe. He was Administrator of GOCO Operations with the Ordnance Industrial Center, Mannheim, Germany, and served under Col. Hirsch at Ikego Ammunition Depot, Japan. He received a Commendation Ribbon for his duty at Ikego.



Maj. D. T. Walsh

Maj. Walsh attended St. Mary's University, the University of Maryland and the University of Alabama. He was commissioned in 1943 and has served in various staff and executive positions during his service.

Little John, Honest John, LAW, Missile A and target missiles.

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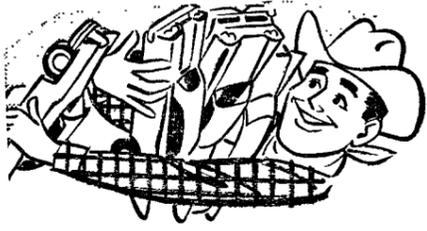
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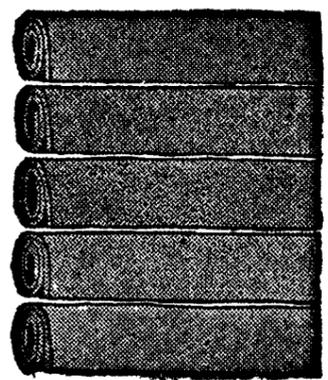
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SUPERGRADER—Receiving congratulations from Col. Charles W. Eifler, commandant of the U. S. Army Ordnance Guided Missile School, is M-Sgt. Howard R. Wynn, who was recently promoted to one of the new super enlisted grades, NCOLC, Administrative Division, at the Missile School. Wynn entered the Army in September 1940 and previously served a tour of duty at Fort Bliss, Texas, before being assigned to the Missile School. He is a graduate of Fort Towson High School, class of 1936, and attended Oklahoma A&M for two years before entering the service.

REUNION
OKLAHOMA CITY, OKLA. (ANS)—The 15th annual reunion of the 45th (Thunderbird) Infantry Division Association will be conducted Oct. 28-30 in Obilene, Texas, with headquarters at the Windsor Hotel. Further information may be obtained from association president Rex Wilson at 2205 North Central, Oklahoma City.

Rhymes of the Times



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- 1959 SIMCA — No. 449P—2 Dr. Like New. \$1195.
- 1959 CHEVROLET — 2 Dr. Straight shift 6 cylinder. Radio and heater. This is a one owner car. \$1795.
- NO. 472—1958 sedan delivery, only \$1195.
- 1958 MERCURY — No. 364—4 Dr. Radio and heater, air conditioned. 2 tone blue. \$1395.
- 1956 BUICK — No. 345P — 2 Dr. Special, Radio, heater, 2 tone blue. Real bargain. \$895.
- 1956 FORD — No. 337 — 4 Dr. Station Wagon. Radio, heater, straight shift. V-8. \$795.
- 5 CADILLACS—'55 and '56 Models—Coupes and Sedans.

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- 1955 OLDSMOBILE—No. 410—4 Dr. Radio & heater. \$695.
- 1954 PLYMOUTH—No. 464P—4 Dr. \$295.
- 1951 CHEVROLET—No. 402P—2 Dr. Automatic trans. \$325.

— TRUCKS —

- 1959 CHEVROLET—No. 434—9 Passenger Carryall. \$1595.
- 1958 FORD—No. 426C—¾ ton Pickup. Like new. \$1095.
- 1946 DODGE—No. 452C—½ ton Pickup. \$195.

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- 1957 CHEVROLET—No. 340—4 Dr. Bel Air
- 1956 CHEVROLET—No. 332—2 Dr. \$595.
- 1956 BUICK—No. 345P—Special. \$595.
- 1956 CHEVROLET—No. 389—2 Dr. \$795.
- 1953 FORD—No. 33P—4 Dr. \$295.

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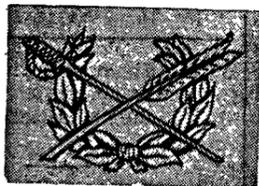
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\$ 84.68	\$5.00	\$186.29	\$11.00
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COVERAGE FOR LOSS OR DAMAGE TO HOUSEHOLD GOODS

Personnel shipping household goods and other personal property at Government expense are protected under section 2732, Title 10, U.S. Code, commonly known as the Military Personnel Claims Act, for loss or damage to their property while in the custody of a carrier under contract with the Government or of an agency of the Government. The maximum protection provided by this act is \$6,500.

Personnel valuing their property in excess of \$6,500 and desiring full value protection for their property while in transit must either obtain insurance from a private firm for the gross value of the property or raise the valuation of their property with the carrier to its actual value at time of shipment.

Under the terms of certain carriers' tariffs the owner may "raise the valuation" from 30 cents per pound per article as released on the Government Bill of Lading to the actual value of either the full shipment or of certain articles included in the shipment. Under this system the liability is placed upon the carrier rather than upon an insurance company. The extra cost involved may be paid directly to the carrier's agent and must be paid promptly upon billing.

The local agent of the carrier concerned or the Post Transportation Officer should be consulted as to whether this service is available. Under either method, persons desiring full protection on their property if valued in excess of \$6,500 must insure or raise the valuation of the shipment to its gross value. For example, a person valuing his property at \$10,000 is not fully protected in the event of total loss or destruction of such property if he insures it commercially or raises its valuation with the carrier to only \$3,500.

Since the amount received from the commercial insurance company or carrier is deductible from the maximum amount payable by the Government, upon settlement of \$3,500 by the commercial insurance company or carrier, the maximum reimbursement such person would be eligible to receive from the Government would be \$3,000.

This figure represents the difference between the maximum of \$6,500 Government allowance and \$3,500 paid by the commercial insurer or carrier.

Some types of personal property, when shipped with ordinary household goods, are not covered by the Military Personnel Claims Act. Examples of such property are expensive cameras, watches,

jewelry, furs and other small items of substantial value. Special shipping arrangements can be made for these items by the Transportation Officer upon request.

In addition to the foregoing, the following are examples of other types and categories of property for which compensation will not be allowed under the Military Personnel Claims Act:

(1) Property damaged or lost, in whole or in part, as a result of any negligence or wrongful act of

the claimant, or any agent or employe of the claimant acting in the scope of employment;

(2) Intangible property, such as checks, promissory notes, stock certificates, bonds, bills of lading, warehouse receipts, baggage checks, insurance policies, money orders, travelers' checks, and bank books;

(3) Government property, except that for which the claimant is responsible to a Government agency other than the Department of the Army, the Army, or the Department of Defense;

(4) Articles to be disposed of by sale or for use in a private business enterprise;

(5) Enemy property or war trophies;

(6) Property acquired, possessed, or transported unlawfully or in violation of competent regula-

tions or directives.

It is recommended that all personnel contemplating the shipment of their household goods in the near future secure and carefully read DA Pamphlet No. 55-2, with changes, which is available

at the Redstone Arsenal Transportation Office.

ONE YEAR AGO: In August, 1959, the first flight test of the Nike-Zeus anti-missile system was conducted at White Sands

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A Planned Community of 822.
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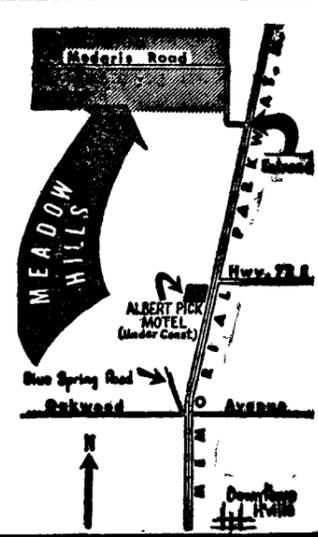
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FORT JACKSON, S. C. (ANS)
 —A century after the beginning of the Civil War, Robert E. Lee is digging trenches on this U. S. Army reservation.

This Lee, however, is not a grey ghost out of the past but an

Augusta, Georgia, contractor who's installing pipes to carry gas to mess hall ranges.

Dwight D. Eisenhower is the first and only president to hold a pilot's license.

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Real Estate

Houses & Lots for Sale in Various Sections of Town.
3405 Governors Drive — Yellow Building Across From Martin Stove
 PHONE JE 6-0521 — NIGHTS JE 4-0564

SPECIAL LISTINGS

2202 WINDOVER DRIVE — 4 bedroom brick veneer, den, 2 baths, double garage, minimum FHA shown by appointment only.

NEAR ARSENAL — 410 Coffee Dr.: 3 bedroom, 2 baths, large living room with fireplace, modern kitchen, minimum FHA of \$800. down.

4101 SAUNDERLANE DRIVE — Equity \$1350, 3 bedroom brick veneer, 1½ baths.

1925 MELBOURNE AVE. — 3 bedroom brick veneer, 1½ bath, garage, panelled kitchen and dining combination. Built in range. Only \$14,900.

Reliable Realty Co.

1002 MERIDIAN ST. PHONE JE 6-9648
 Nights JE 6-7407 or JE 6-6317

Selected HOMES

STANHOPE DRIVE, NE — 3-bedroom brick home in nice residential zone section of town. Ceramic tiled bath. A steal at \$12,500 to the lucky 809 Certificate holder. Call for an appointment to inspect.

3905 MEMORIAL PARKWAY, N. — You ask for a well landscaped three bedroom home with attached garage walking distance of school. Purchase on low down payment for only \$16,000.

FRANCIS STREET, NE — Lg. 3 bedroom brick home, 1½ ceramic tiled baths, spacious living and dining room. Kitchen with built-in oven, and surface unit. Dishwasher, Beautiful cabinets, eating area in kitchen, laundry room with washer and dryer connections. Only \$18,250.

1312 BROOKMEADE (Country Club Gardens) — Beautiful rock-faced three bedroom home with paneled den, range, oven and dishwasher which adds to the convenience of this lovely kitchen with eating area. Two baths, forced air natural gas heat, carport and storage room. Buy this GI loan and assume mortgage of \$106.70 per month. Available around the 15th. Just in time for school. Immediate Possession.

AIR CONDITIONED. — 2614 Giles Dr. Choose your colors now in this comfortable 3 bedroom home with such features as 1½ ceramic baths and large garage. Price \$16,200. Excellent location.

LAKEWOOD DRIVE— See for yourself the many nice features to make living so convenient. Large living room, separate dining room, three bedrooms, 1½ ceramic tiled baths, large kitchen with eating area, cabinets galore. Built-in range and oven, large laundry room, attached garage, corner lot. Buy this one for only \$19,000.

2303 CARDINAL AVE., NW— Ideal three bedroom home for the family who watch their budget. Purchase equity for only \$1500 and assume low monthly payments of only \$60.15.

4504 LAKEVIEW DRIVE — LOVELY three bedroom and den home plus 1½ ceramic tiled baths, living and dining area, attached garage, large lot. Purchase GI equity for only \$2800 and assume mortgage.

2005 ROSEWOOD DRIVE — 3 bedroom two bath home with kitchen-family room combination. Centrally air conditioned double carport, patio, lots of large oak trees. Purchase GI equity of \$5,000 and assume monthly payments of \$108.50.

NICE LOT on Oakwood Avenue. Ideal for dry cleaning pickup station, washerette, etc. Only \$6950.

LARGE LOT on N. Parkway. Will furnish plans for Motel with lot. Call for further information.

— HOME PHONES —

Joe Mathis, JE 4-8937 Clarence Thrasher, JE 4-2326
 Noble Fowler, JE 6-1867 Cecil Clowers, JE 6-8980

HUNTER & MITCHELL

REALTORS — INSURORS
 Phone JE 9-1759

Religious Services

POST CHAPEL-BLD 3714.
 children is open during these two

Protestant
 SUNDAY — 1000 and 1115 hrs, general Protestant Services.
 Church School-1000 hours-1st session 4th grade thru Adult Class. 1115 hours-2d session 3 yrs of age thru 3rd grade.
 Nursery for babies and small services.
 1830 hours-Christian Youth Fellowship, Junior Hi and Senior Hi. Busses will pick up those attending.
 Tuesday-1830 hours-Enlisted Men's Christian Union.
 Wednesday-1900 hours-Chancel Choir Rehearsal.
 Thursday - 1530 hours - Junior Chior Rehearsal.

Redstone Park Community Hall
 0945 hours - Sunday School Classes.
 1100 hours - Morning Worship Service.
 Wednesday - 1845 hours - Family Night Services.

Jewish Services
 Friday - 2000 hours - Temple
 Speeding is a short story that ends in a plot.

Harding was the first president to speak over the radio, Coolidge the first to broadcast an inaugural address, and Eisenhower's inauguration the first to be telecast.

ARDMORE ESTATES
 OPEN DAILY 2-7 P.M.
 or by appointment anytime.

3 Bedroom Bricks
 7 Available for Immediate Possession. with 1½ ceramic tile baths
100% GI Loans
 Priced from \$13,500 to \$15,600

Convenient to downtown, Arsenal, Schools, Churches, and Shopping Center.

Other Listings and Low Equities Available
GENE BLOCKER
 Realty & Insurance
 3405 Governors Dr., JE 6-6331
 Across From Martin Stove

B'Nai Sholom (Corner of East Clinton and Lincoln). O'Neg Shabbot (Sabbath Social) at Temple Annex.

Catholic
 Sunday - Masses 0730, 0845, 1230 and 1700 hours (Nursery available during masses).

Baptisms - 1330 hours (or by appointment).
 Monday - Inquiry Class - 2000 hours.

Tuesday - Altar Boys' Class -

1830 hours.
 Novena in Honor of Miraculous Medal - 1930 hours.
 Choir Rehearsal - 2000 hours.
 Saturday - Confession - 1800 - 1900 hours.
 Daily Mass - 1115 hours.

Christian Science Services
 Sunday - 1100 hours - Held in Huntsville at White St. and Wells Avenue.
 Wednesday - meeting - 1930 hours.

LOTS

River Lots — Building Lots — Business Lots — Placements for Trailers — Many other desirable lots for a small down payment.

1503 HUMES AVE.
 Nice 4 room house, located on corner lot.

OAKWOOD AVE., E.
 Nice building lot, 75'x150'

TRAILER PARK
 Located 8 miles from downtown, approx. 1 mile from last arsenal gate on Decatur Hwy. 20. Price reduced.

BOB WALLACE AVE.
 Nice 4 room frame house, price reduced.

MERIDIANVILLE, ALA.
 Nice Colonial style home located on 3 acres of land, 10 rm. house including 6 bedrooms & 2 baths, gas heat. You would have to see this home to appreciate it. Shown by appointment only. Immediate possession. Price \$14,500 or for \$15,200.00 nearly all the beautiful furniture will be included.

NEAR PLEVNA
 43 acre farm. Good 5 room house with bath, barn and chicken houses, 2 acre lake is stocked with fish. Approx. 22 miles from Huntsville.

LEVERT STREET
 Seven 4-room apartments (together).
 Two 4-room apartments. Buy these and receive a nice rental income.

MCKINLEY AVE.
 Nice 3-bedroom house, reasonable.

HIGHLAND AVE.
 Nice lot 75'x150', plenty of shade, sewer, gas and water lines. Priced very reasonable.

COLORED PROPERTY
 Off Weatherly Road — Nice 5-room house on 1 acre land, on bus route, \$600.00 down, balance \$50.00 per mo.

FARM
 83 acres of land near Hazel Green with 6 room house, barn, poultry house, tractor shed.

NEW MARKET PIKE
 30 beautiful building lots. Just outside city limits, exclusive homes only.

CUMMINGS ROAD
 2 nice acre lots, located 2 miles north of city.

NOTICE

WE HAVE MOVED TO NEW LOCATION BUILDING IN BACK OF 2501 MERIDIAN ST., N. (Across from Woody's Drive-In Theatre). Approx. ½ mile North of Old Lincoln Mills. Plenty of shade and parking. LOOK FOR OUR SIGN:

C. F. STINNETT

REAL ESTATE BROKER
 2501 MERIDIAN ST., N.
 Office Phone JE 6-9901 'til 10 p.m. — Home Phone 534-8716
 MRS. MAMIE C. WALKER, SALES REP.
 Phone JE 4-6300

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14.95 VALUE

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SPECIAL

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- FRONT END ALIGNED
- SET CASTER AND CAMBER
- SET TOE IN ADJUSTMENT GEAR
- BALANCE FRONT WHEELS
- CHECK BRAKE LININGS
- ADD NECESSARY FLUID
- ADJUST BRAKES
- ROAD CHECK
- PACK FRONT WHEEL BEARING

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 JE 9-7261

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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.

1957 FORD FAIRLANE '500' — 4 dr., radio, heater, power steering and white tires. Extra nice, \$1095.00. Phone JE 9-7456. 1tc

ALTERATIONS of all kinds for men and women. BILL'S ALTERATION SHOP, 202 Eustis St., Phone JE 6-0811. 8-31c

BRICK HOME FOR RENT located in the best section of Guntersville with beautiful view of the lake. Three (3) bedrooms, large living room and dining room combination, large kitchen with dining area, 1½ ceramic baths, car port and outside utility room. One (1) mile from new Guntersville Elementary School. Rents for only \$100.00 per mo. with six (6) months lease required. Sixty (60) days notice thereafter. See Woodall Real Estate, Professional Building, Guntersville, Ala. Phone JUSTICE 2-4351. 8-31c

FOR SALE — 14 ft. Runabout boat and trailer in good shape, \$165.00. Call Redstone Ext. 3-5629 or JE 6-3945. 1tp

FOR SALE — Lot, Honeycomb Creek, blacktop road 100 foot water frontage, driveway, beautiful trees. 35 minute drive from downtown Huntsville. One baby bed. Call JE 4-0130. 1tp

HOUSETRAILER — One bedroom, fully equipped, air conditioned, TV, 31x8 ft. \$1500.00. Redstone Ext. 3-3740 or Fayetteville HE 3-1748. 8-31p

15' FIBERGLAS BOAT, 40 h.p. motor, trailer, electric starter, 2 gas tanks, battery, speedometer and preservers. Priced at \$795. RSA Ext. 5-8940. 1tp

FOR SALE — 1957 Two Bedroom 8x36' Pacemaker Mobile Home, Excellent condition. No reasonable offer refused. Located at Lot 324 Paradise Trailer Park. 1tp

FOR RENT — 3 bedroom house in Morgan City. All modern conveniences, on Rescue Road. Mrs. Sula W. Owens, Phone HYatt 8-2545 in Morgan City. 1tc

FOR RENT — Private room with private entrance and bath. Air conditioned, wall-to-wall carpet, floor-to-ceiling bookcases, two large closets. Modern furnishings. Call JE 9-5634 after 4:30 p.m. 1tp

FOR SALE — Boat, Hydro. Mercury 10 h.p. Lightning motor, both for \$100.00; and refrigerator for rent. Excellent condition. \$5.00 per month. Phone 534-3601. 1tp

1955 FORD Country Sedan Station Wagon, Equipped. A real buy at \$745.00. Phone JE 9-7456. 1tc

FOR SALE — MGA Coupe, 1960, like new, heater, w. w. tires, 6-300 miles, call Geo. Hartselle, Ext. 3-7872 or JE 9-1227. 1tc

WANTED TO BUY — Used cribs and playpens. Phone Ext. 5-8745. 1tc

EQUITY SALE — 4½% G. I. loan. 2113 Gilbreath Rd., Lakewood Manor, 2 bedrooms, den, completely redecorated. Call Redstone ext. 3-3153 ask for Buchanan. ttc

FOR RENT — Brand new brick veneer, 2 bedrooms, unfurnished apartment, \$75.00; Phone JE 6-0775 or JE 6-3657. 8-31c

4117 GARTH ROAD, S.E. 3 Bedroom, 2 Bath, with Central Air Conditioning. Will finance equity without closing cost under any reasonable basis for responsible party. Shown by appointment. R. J. Broun, Extension 3-2627. ttc

BEST HOME BUYS —
Best location in town (Just outside Gate 9). On 100% GI loans or minimum FHA terms. Sherwood Park, 534-3113, JE 6-7421.
 ttc

TAKE A HOUSEBOAT VACATION on Tennessee River Lakes. Cruise, Eat, Sleep, Swim, Fish and Relax in comfort. For information or reservations call Guntersville JU 2-4441 or JU 2-4642. 8-31c

WANTED — Good used furniture, antiques and appliances, highest cash prices paid for one piece or a house full. Get our bid before you sell. Prompt estimates given. We buy, sell or trade for anything of value. Call JE 9-4272, open 9 a. m. to 9 p. m. Monday through Saturday. Ray's Furniture Exchange, 4850 Governor Drive. ttc

STOP! LOOK! LISTEN! — We manufacture den or living room furniture to order. Love seats with Polly-foam cushions; arms and back if desired, also trailer couches. Select the arm styles you prefer. Come in and see some of our quality frames made. All types furniture upholstered, free estimates. Auto seats covered, tailored only. We guarantee to save you money. Check with us on our great selection of materials and colors. Open 6 days a week, 7 a. m. to 8 p. m., 2506 Oakwood Ave., N. W., Rocket City Upholstery Co., phone JE 4-9696. ttc

HAMMOND ORGANS — We rent, sell and service. Call us about our "playtime plan", qualified teachers available. Robbins Music Center, 110 South Jefferson St. Phone JE 6-2443. ttc

APARTMENTS FOR RENT — 1 furnished apt. (1 bedroom), One unfurnished apt. (1 bedroom), electric heat, air conditioned, stove, refrigerator, venetian blinds furnished. 3 blocks from downtown, new building. Couples only. No pets. 611 Madison St., S. Phones 534-3623 or 534-5281. ttc

BARGAINS in USED FURNITURE and APPLIANCES — Free customer parking, open 8 a. m. to 5 p. m. daily. Shop our store and SAVE! AUCTION House, 210 Holmes Ave., N.W., phone JE 6-2241. ttc

FOR SALE — 3 bedroom house with all the extras. Brick veneer being built in Plainview Acres Subdivision on prior commitment. See or call Jesse W. Black in Arab, Alabama after 6:00 p.m. 8-24c

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

PRUDENTIAL for the best in LIFE Insurance. For the best in HOME insurance — the Homeowner's Package. New lower rates and improved coverage plus OUR 15% DIVIDEND. Call John E. Broyles Agency, JE 6-0711 or 534-8615. ttc

ABS SECRETARIAL SERVICE — Complete Secretarial Service. Typing - mimeographing - mailing service. Telephone answering. Notary Public. Latest City Directory. Desk and/or office space for rent, (off street parking). Ideal location. 528 Madison Street, South. Office phone JE: 4-6451 - Home phone JE: 4-6433 ttc

CASH! FOR YOUR CAR — We need all makes and models. We will pay you more. We buy and sell imports, too. Texas Auto Sales, phone JE 6-6121. 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 534-2444. ttc

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. Easy budget terms available. Furniture Outlet Store, Meridianville, Ala., phone JE 6-6857. Go Out-a-Way—Less-to-Pay. ttc

FOR SALE OR RENT — New and used PIANOS and ORGANS. We tune and recondition your piano. "Your new Baldwin Dealer". TRAYLOR and HADLEY, INC., North Memorial Parkway. Phone JE 9-6241. ttc

FOR SALE — New 3 bedroom houses with den, 2 full baths, completely furnished, includes 3 bedroom suites, living room suite, dinette, built in oven and surface unit, refrigerator, dish washer, central air conditioning city sewage, G. I., \$150.00 pays all; FHA minimum plus \$150 closing, prices start at \$12,900.00 payments as low as \$85.50 including taxes and insurance, across from Albert Pick Motel, on Highway 72 east. Call JE 9-8491. ttc

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

FOR SALE — Real clean '53 Dodge Coronet 2 dr. hardtop. 8 ft. Pram boat, 3¼ h.p. Wizard motor. \$475. Call Arab after 5:00 p.m. JUNiper 6-6195. 1tp

QUALIFIED TEACHERS for piano and guitar. Schedule for fall classes almost complete. Mrs. Dudley, 1813 Stevens Dr., Phone JE 6-8444. 1tp

14 FT. LONESTAR RUNABOUT and 35 h.p. Johnson motor with electric starter. Completely rigged with trailer. Many extras. Good condition. See at 120 W. Holmes Ave. 1tp

MUST SELL TO ATTEND COLLEGE — Extra clean '55 Olds, 2 door H. T., power steering, power brakes, radio, heater, turn signals, back-up lights, tinted glass. Also will sell a Fender electric guitar. Phone Clem, Redstone Ext. 3-7541. 1tc

FOR SALE — 1957 2 bedroom trailer, \$2500.00; for rent, \$65.00 per mo., free parking to buyer. Phone JE 9-8900 after 5 p.m. 1tc

WILL CARE FOR pre-school age children or babies in my home for working mothers. Call JE 6-9887. 1tp

FOR SALE — 1957 Buick Special 4 Dr. Riviera, extra clean, low mileage, new brakes, shocks and tuneup, \$1225. Ext. 3-3283 or JE 6-8816. 1tp

FOR RENT OR SALE — Extra clean 2 bedroom house trailer, 2 miles south of Arsenal gate on Highway 231. T.V., auto washer and util. Furnished, only \$70.00 mo. Can be seen at anytime. Call JE 6-8092. 1tp

FOR SALE — 1956 Detroit Mobile home, 31'x8', air conditioned, excellent condition, sleeps 4, other extras. Call JE 9-7647 or JE 6-0003. 1tp

FOR RENT — 4 room and bath unfurnished house in Madison, Ala., 7 miles from arsenal gate, \$50.00 per mo. Phone JE 6-3786. 1tc

FORD FALCON — 4 dr. Auto. trans., radio, heater, white tires, \$2095.00. Phone JE 9-7456. 1tc

FOR SALE — 6 room house, 1300 sq ft., almost an acre of land, city water, electric heat, 2-ton air conditioner, carpeting in master bedroom, ceramic tile bath, kitchen with built-in oven and range, brick cabinets, patio in back, large front porch, 8x16 pump house, 30 fruit trees, also grape vines and shade trees, 1 mile from school, church and swimming pool. 5 light traffic miles from arsenal. Must be seen to be appreciated. Phone 772-6989. 1tc

FOR SALE — Air conditioned 1958 36'x8' Star Mobile Home, excellent condition. See it after 5:00 p.m. and on Saturday and Sunday on Lot No. 404, Paradise Park. 1tp

FOR SALE — 3 mo. old short-haired Dachshund. Red in color. Only \$25.00. Call JE 6-8092. Female. 1tp

EQUITY REDUCED for quick sale — 2 bedroom home on Kent Road S., Huntsville. Monthly payments \$55.96, 4½% mortgage. Phone JE 6-6214. 1tc

2 LOTS FOR SALE — 5 miles So. of Arab, in Meadowbrook Div. 200x300; one \$1100, the other \$1300. Call JE 6-8092 after 5:00 p.m. 1tp

EQUITY SALE BY OWNER — 3-bedroom brick home in Blue Spring Acres. Attached rear opening garage, screened back porch. Built-in range and oven, interior planter, built-in bookcases. Ceramic bath with built-in vanity. Half acre lot, well-kept lawn. One year old. Near school and proposed shopping center. Equity \$1600. Will consider terms. JE 9-3303. 1tp

FOR SALE — 1957 Ford Custom 300. Fordomatic, Radio, and heater. Excellent condition. The cleanest '57 Ford in town. \$1000 or best offer. JE 9-3303. 1tp

BY OWNER — 4111 Arlington Circle, 3 bedroom, 1½ ceramic tile baths, electric refrigerator and stove, carport. Price \$12,250. Call JE 6-4411, Ext. 5-8679. 1tp

FOR SALE — 1956 two bedroom 36'x8' house trailer with awning. \$1750. Will consider trade for equity in house. Raymond Ferrell, Ext. 3-1310 or JE 6-8930. 1tp

FOR RENT — Bedroom to gentleman, adjoining bath, off street parking in private home of couple. Breakfast if desired. 811 Pratt Ave., N. E. Phone JE 6-1127. 1tc

BEAUTY SALON FOR SALE — Modern up to the minute shop. Will sacrifice. Phone 534-5475. 1tp

NEED PATIO LIGHTS, receptacles, electrical wiring, installation and repairs of any kind? Call JE 6-6913 day or night. Licensed electrician. Work guaranteed. 8-31p

FOR SALE — 1958 Westwood Mobile Home, 42'x10', 2 bedroom, front kitchen with washer, air conditioner, and other extras. Call Lt. Sullivan, RSA Ext. 3-6665. 1tp

DIXIE EMPLOYMENT—for your domestic help — maids, yard boys, janitors and baby sitters, call Mrs. Rhodes, JE 9-2758. 1tc

FOR RENT — Modern 3 room furnished apartment, ceramic tile bath with shower, 2 private entrances, electric heat, air conditioned, off street parking, good location. Phone JE 4-6990. 1tc

POODLES — White miniatures, 2 males, AKC, Champion stock, registered, 2½ years old, reasonable, pedigree furnished. Phone JE 6-9348. 1tc

3 BEDROOM, 2 bath, carport, utility room, 1500 ft. Ceil heat. Beautiful shady lot. Lawn and shrubbery in one of best sections of Athens. \$8,500. Phone 77. 2-6270. 8-31p

FOR RENT — 3 room unfurnished downstairs apartment. Wired for stove. Electric water heater, gas heat, private bath. \$40. per month. Phone JE 4-1196. 1tp

1955 BUICK Convertible, Auto. trans., radio, heater. A nice car for only \$795.00. Phone JE 9-7456. 1tc

ARE YOU PAYING HIGH PRICES FOR YOUR CHILDREN'S BACK-TO-SCHOOL SHOES?— You can get name brand children shoes such as Buster Brown, Educators, at the Family Shoe Store in Arab. None priced higher than \$2.98. Also men's name brands, none higher than \$5.50. Ladies' — both casuals and dress shoes, such as Debs, and many Italian made sport shoes, Natulizers, Air Step, none priced higher than \$2.98. Drive over to Arab today. It will be worth the trip, to Family Shoe Store, Main St. Just across street from L-Rancho Cafe. Upstairs over Linn's Dime Store in Old Hospital Building. MRS. RIGSBY, owner. 1tp

FOR SALE BY OWNER, in Hartselle, Ala., on beautiful East Main Street, a home for a large family on a large lot. Excellent condition, 8 rooms including big kitchen and adjoining utility room, plus three full baths, entrance hall, stairway and balcony. Asbestos shingle siding, gas heat, TV antenna, total living area approximately 2,500 sq. ft. Close to grammar school and Methodist Church, five blocks to town. Only 30-minute drive to Redstone Arsenal. No traffic congestion to and from Arsenal. Only 11,000 or best offer. Will finance; shown by appointment only. Call Ext. 3-2527. 1nc

(Wantads continued on Page 16)

— FOR —

- REAL ESTATE
- INSURANCE
- MORTGAGE LOANS
- RENTALS

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Donald Jones Agency
 Builder - Dealer for
KINGSBERRY HOMES
 900 Bob Wallace - JE 9-4471

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Up to 65% Off Mfgs. List.
 5 Lines to Choose From
 High Speed
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OVERHAULED \$34.95
 (Labor Plus Parts)

Band and Linkage Adjusted \$5.95

Long Life Automotive Service

Phone For An Appointment JE 9-7261
 215 So. Greene St. (Next to YMCA Downtown)

LONG LIFE LONG LIFE LONG LIFE LONG LIFE

Missile Targets Equipped For Recovery from Range

White Sands Missile Range, N. M. — The Army at White Sands Missile Range has taken another step to protect the public and save the government a quarter of a million dollars a year.

Five Pogo-Hi target parachutes, equipped devise to insure that they collapse so as to reduce the possibility of their blowing off range, were successfully fired last week.

In addition a new method of generating smoke on the target, for optical acquisition, was tested successfully.

All of the targets landed within the boundaries of WSMR — safe from those who could suffer injury by incautious handling of the parachutes and attached equipment. All were recovered for reuse with a minimum damage and a resultant saving of government funds.

The two new devices used were a timing mechanism to dump the air from the parachute so that it falls rapidly to earth, and a relatively safe hand smoke grenade.

The time dump system is expected to insure that the great majority of target chutes drop on the range regardless of altitude or jet streams.

The substitution of the hand smoke grenades, in those few parachutes that could land off range, will eliminate the possibility of injury to those finding them.

The Pogo-Hi II E 3 target operates in this manner: The rocket is fired to peak altitudes of 85,000 feet where a small pilot parachute is ejected. Later a 36 foot metalized impregnated parachute is deployed by the pilot chute. Lines attached to the Pogo nose cone, which acts as a weight payload, enable the parachute to descend.

The smoke grenades are used

for spotting and optical acquisition purposes. Some missions still require the use of the infrared flares, for heat seeking missiles, but this amount has been greatly reduced by the substitution of the hand smoke grenade.

The time dump machine pulls loose 64 shroud lines from the 72 line parachute, enabling the blossomed parachute to collapse and drop straight down, the nose cone acting as a weight or payload.

Capt. Patrick H. Meighen, assistant chief of Range Services Division, Integrated Range Mission, suggested the time dump mechanism.

James Wason, a civilian supervisor in the Aerial Targets Branch, RSD, suggested the installation of the smoke grenades.



FUTURE PLANNING: And with a heap of confidence too, as shown here by Colonel Charles W. Eifler, Commandant, OGMS, as he pinpoints the exact spot he proposes to nail down the RSA safety plaque for outstanding safety performance which this organization has won for the second consecutive quarter for calendar year 1960. This award is presented quarterly to military organizations USAG, RSA, OGMS which maintains the lowest accident cost per capita during the period and the plaque becomes the permanent possession of the organization maintaining the lowest accident cost for the year. Others in the picture are Bill Cary, Safety Officer, OGMS, holding the plaque and Col. Lester Levine, Chief, RSA Control Office, who presented the award on behalf of Col. McCloskey, Commander, Redstone Arsenal.

Wantads

(Wantads continued from Page 15)

SHERWOOD PARK — Brick, 3 bedroom, den, 2 ceramic baths, electric kitchen, carport, 3 storm doors, large level lot. Immediate possession. JE 9-5426. 6504 Marsh Ave. 1tp

FOR RENT — 3 room furnished apartment with private bath & entrance. 12 miles north city limits. Couple only. \$50.00 mo. Phone 828-4713 before 8 p.m. Afterwards 828-4225. 1tp

FOR SALE—33'x8' Mobile Home. air conditioner, 21" TV, electric heat, excellent condition, reasonably priced. See at Colony Arts., one mile south of Whitesburg Bridge, on weekdays after 5 p.m. 1tp

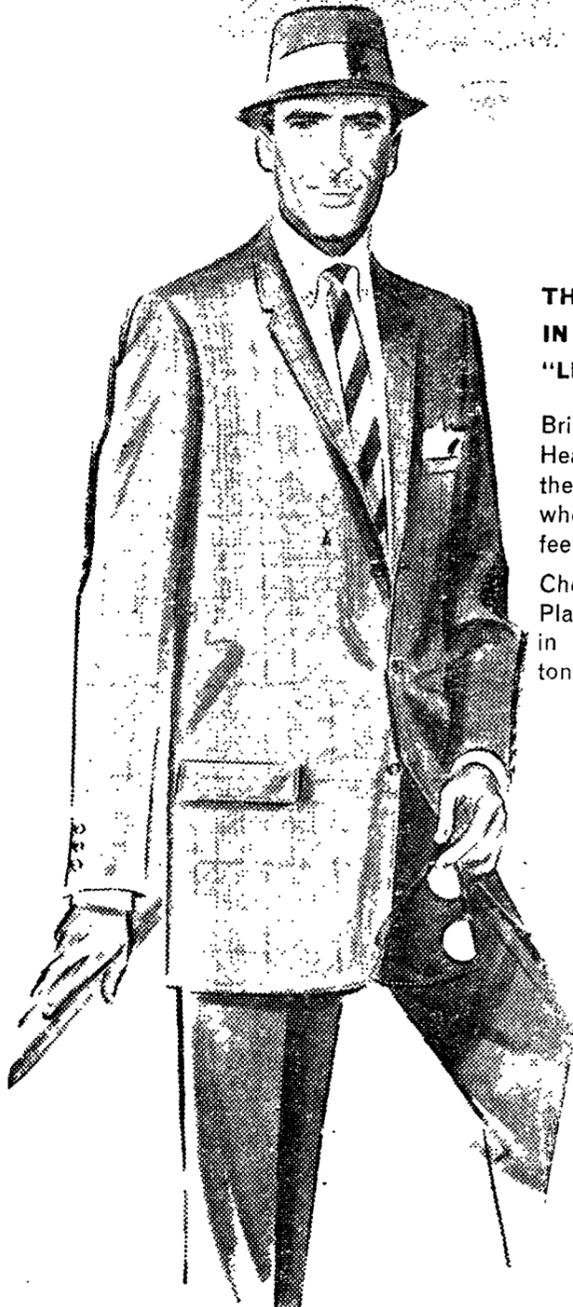
FOR RENT — 6 room lakefront home, 5 miles from Decatur, 23 miles from Arsenal. Private swimming and boat docking facilities. 1300 square feet of living space consisting of 2 bedrooms, bath, kitchen, living room and large family room, overlooking lake. Air conditioner furnished. Immediate possession. LAWRENCE COOPER, Phone Redstone extension 3-1515, or EL 3-1470, Decatur. 1tc



Life Insurance is the Only Plan That Guarantees All You Have Saved Plus What You Hope to Save—
It's a Good Policy to See
JESSE ANDERSON
General Agent
Provident Life and Accident Insurance Co.
Phone JE 4-7651

SPORT COAT STYLING IS GIVEN "PLUS" SMARTNESS by

LIVING COLOR LIVING COMFORT



VARSITY-TOWN'S STYLE MAJOR

"Pacemaker for Smart America"



LEADS YOU TO NEWEST STYLES OF MAJOR IMPORTANCE

Varsity-Town Clothes



THERE'S PLUS SMARTNESS IN VARSITY-TOWN "LIVING COLOR"

Brighter, exuberant Olive and Heather Hues are attuned to the spirit of leisure moments when you want to look and feel joyously alive.

Cheerful Checks and Pleasing Plaids are delightfully smart in refreshingly new and vital tonal combinations.

—AND PLUS SMARTNESS IN LIVING COMFORT

New lighter-weight fabrics are more fun to wear and Varsity-Town puts free and easy comfort inside trim, new, flap and patch pocket models

\$39.50 to \$60.00



Huntsville's Quality Family Store

DUNNAVANT'S

Washington St — Downtown

Open Wednesdays Until 5:30 p.m.

and Thursdays Until 8:00 p.m.