

The Redstone Rocket

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

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REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

MAY 6, 1959

Aircraft Industries Assn. Missile Group Meets Here

The Guided Missile Committee of the Aircraft Industries Association is holding its semi-annual meeting at Redstone Arsenal today and tomorrow and committee members will tour facilities of the Army Ordnance Missile Command.

About 20 executives of key aircraft industries throughout the nation are slated for briefings by Maj. Gen. J. B. Medaris, AOMC Commanding General, and by Dr. Wernher von Braun, Director of Development Operations, Army

Ballistic Missile Agency. The Aircraft Industries Association formed its Guided Missile Committee in 1953 and normally meets twice yearly at government establishments engaged in guided missile activities. The Missile Committee last met at Redstone Arsenal in May 1955.

George F. Metcalf, of the General Electric Co., is chairman of the committee and will preside at the meeting. Retired Air Force Maj. Gen. J. F. Phillips is committee secretary.

The first day of the meeting will be given over to briefings on the Army's missile and space programs and a tour of the AOMC installation where some 21,000 persons are employed in missile-space work.

The tour agenda includes the Army Ballistic Missile Agency's (See AIRCRAFT on Page 3)

Arsenal Has Big Role in Capital Weapons Display

Agencies at Redstone Arsenal will play a major role in the national Armed Forces Day weapons demonstration near Washington next week.

Among the major Army items scheduled for public showing will be Juno II, the United States' deep space probe vehicle. It will be displayed by the Army Ballistic Missile Agency in cooperation with the National Aeronautics and Space Agency.

As in past years, the "Old Reliable" Redstone Missile will be on view at the big show that is slated at Andrews Air Force Base.

The Ordnance Guided Missile School will display a Lacrosse surface-to-surface guided missile, complete with field equipment.

Following the Washington Armed Forces Week celebration, which will be observed a week early in the nation's capitol, the Juno II will be on display May 13-16 at Philadelphia.

Among those personnel from Redstone Arsenal to accompany the exhibits are: Sfc. Dale L. Brennan, Pfc. Alan B. Nichols, Sgt. Kenneth J. Dunlap and Specialist-4 Donald F. Miller of the Military Police. From the ABMA Systems Support and Equipment (See ARSENAL HAS on Page 2)

Addition to MFL Building Completed At Cape Canaveral

A 10,148 square foot addition to the Engineering and Laboratory Building at the Missile Firing Laboratory, Cape Canaveral, Fla., has been completed and occupied.

Offices now located in the new building include that of the Firing Lab director, Dr. Kurt H. Debus, and the Program Coordination Engineering Services and Administration Office, headed by Clarence C. Parker, Chief Program Coordinator.

Additional personnel will move into occupy the building shortly.

The \$195,259 addition, a two-story wing 115 feet long and 44 feet wide, was constructed by Diversified Builders, Inc. It is designed to house administrative and engineering offices which have been located in Hangars D and R. This will increase the space available in the hangars for laboratory purposes.

The Missile Firing Lab, an element of the Army Ballistic Missile Agency, launches all the Army's long range rockets and space vehicles.



DAVID H. NEWBY

Newby Is NASA Representative to Missile Command

David H. Newby, space aeronautical scientist, has been appointed representative of the National Aeronautics and Space Administration at the Army Ordnance Missile Command. He assumed his duties Monday.

Newby's responsibilities will include technical monitoring of NASA-funded projects at AOMC and maintaining liaison between NASA and the Army on programs of mutual interest. He will report to the director of space flight development at NASA headquarters, Washington, D. C.

Born in Chicamauga, Ga., in 1920, Newby received a bachelor of science degree in Electrical Engineering from Georgia Institute of Technology in 1942.

Following graduation, Newby joined the National Advisory Committee for Aeronautics, the predecessor of NASA, at the Langley Research Center, Langley Field, Va. In the instrument research division he developed instrumentation for aeronautical research in wind tunnels and in research aircraft. By 1951 he was head of the general electrical instrumentation section.

In 1951 Newby joined the staff of the Army Ordnance Corps at Redstone Arsenal, as deputy chief of the Test and Evaluation laboratory, engaged in rocket and missile testing. One year later he was named chief of the laboratory, the position he held until he was appointed to the NASA staff.

Newby is a member of the American Rocket Society and the American Ordnance Association.

Mr. and Mrs. Newby (the former Marjorie Robinson) and their two children live at 2223 California Street, S. E. Huntsville.

Wage Board Workers Get Salary Increases Here

Some 3,675 hourly-paid workers at this installation have been approved pay increases of up to 35 cents an hour.

The announcement was made by the Army-Air Force Wage Board in Washington last week. The revision in rate schedules results from a recent wage survey in the Huntsville locality, which includes Decatur, the Tri-Cities, Tullahoma, Tenn., and Huntsville.

The pay increases will be effective May 17. The major activities concerned in the change are Redstone Arsenal, the Army Ballistic Missile Agency, the Army Rocket and Guided Missile Agency (all elements of the Army Ordnance Missile Command), and the Ordnance Guided Missile School.

AOMC personnel officials pointed out that the amount of the increase in individual cases depends upon the type of work done and the grade held by the employee. In many cases the raise in pay will not be appreciable. The new rate schedules are not yet available at this headquarters.

The Wage Board also announced inauguration in the Huntsville area of the new wage board (hourly) pay system adopted last

year and being placed in effect throughout the nation as new wage schedules are authorized.

In brief, the new system reduces the number of pay grades for regular non-supervisory and working leaders from 28 to 15. It also reduces the number of wage steps within each grade from 4 to 3.

This new consolidated grade structure was designed to improve job rate alignment, and (See WAGE BOARD on Page 3)

Sen. Jackson to Speak At AUSA Charter Dinner

Sen. Henry M. Jackson (D., Wash.) will speak in Huntsville May 15 at a dinner noting Armed Forces Day and marking the chartering of the Tennessee Valley Chapter of the Association of the U. S. Army.

The announcement was made from Washington, D. C., by Sen. John J. Sparkman of Alabama, who will introduce Sen. Jackson at the banquet, scheduled for 7:30 p.m. at the Huntsville Electric Service Center.

Sen. Jackson is a member of the Senate Armed Forces Committee, and serves on a House-Senate Committee on Atomic Energy.

He is to be accompanied here by John E. Dahlquist, a retired four-star general, who will present the charter to the local AUSA group on behalf of the national organization's Council of Trustees. With Dahlquist will be Col. Arthur Symons, secretary of the national association.

L. G. Dawson, general manager of P. R. Mallory Co., Huntsville Operations, is the dinner chairman. City planner D. Y. Matthews is ticket chairman, and has formed a five-man committee to distribute tickets in the city and at Redstone.

Named to the ticket committee were: Thomas A. Jones, Jr., architect, in charge of downtown sales; Thomas Hardy, of Col-Ins-Co., Inc., industry; Karl A. Woltersdorf, manager, Huntsville Utilities, mail distribution; Tony Demetriou, of Northrop Aircraft, Redstone Arsenal contractors; and Capt. D. L. Voorhees, RSA Adjutant (See SEN. JACKSON on Page 2)

Lively, Educational Local Armed Forces Day Foreseen

North Alabama citizens can look forward to the "liveliest and most educational Armed Forces Day celebration ever staged in this region," according to L. G. Dawson and Lt. Col. Lester H. Le Vine, chairman and vice-chairman of the Huntsville 1959 Armed Forces Day committee.

"In cooperation with the local civic and military groups, plus a number of local and national defense contractors, the Huntsville Committee is planning an event of major importance," Chairman Dawson said.

One unusual feature of this year's event will be a banquet on the evening of Friday, May 15, sponsored jointly by the Armed Forces Day Committee and the Tennessee Valley Chapter of the Association of the U. S. Army. (Throughout the world, the sponsorship of Armed Forces Day observance is rotated each year among the nation's Army, Navy, and Air Force. It is the Army's turn to coordinate this year's effort.)

At the banquet, the AUSA will receive its charter. It will be held at 7:30 p.m. in the Utilities Building.

Armed Forces Day in Huntsville will be celebrated May 15-16.

"An unusually interesting group of scientific displays will be shown on Courthouse Square on Saturday, May 16," according to Col. Le Vine, who is the Army Ordnance Missile Command project officer for the occasion. (See ARMED FORCES on Page 2)

as black and white, will be shown on closed circuits in the courthouse building. Visitors can see themselves in full color as they inspect the equipment.

Cooperating with the community in the 1959 observance is the Army Ordnance Missile Command, including the Army Ballistic Missile Agency, the Army Rocket and Guided Missile Agency, and Redstone Arsenal.

The Ordnance Guided Missile School is providing the bulk of (See LIVELY on Page 2)

Two Post Fund Drives Net \$7,736

Two recent fund drives held concurrently on the installation have resulted in voluntary donations totaling \$7,736.64.

Receipts for the Federal Service Joint Crusade were as follows: CARE, \$1013.59; Crusade for Freedom, \$303.64; American-Korean Foundation, \$234.45; undesignated, \$551.31; total \$2,102.99.

Donations to the National Health Agencies were: United Cerebral Palsy Assn., \$582.80; American Cancer Society, \$1,492.45; American Heart Assn., \$1,106.25; Muscular Dystrophy Assn. of America, \$572.35; National Multiple Sclerosis Society, \$497.65; undesignated, \$1,382.15; total, \$5,633.65.

The undesignated funds will be distributed among the participating agencies.

Annual U. S. Savings Bond Campaign Set May 18-29

Redstone Arsenal's annual U.S. Savings Bond campaign will be held May 18 through 29, with emphasis on the payroll deduction plan.

General chairman of the drive is Lt. Francisco Fuentes, who de-

clared, "We have our sights set on exceeding the Department of Army goal of 65 per cent participation by personnel in the payroll savings plan." He is Deputy Finance and Accounting Officer and Savings Bond Officer for Redstone Arsenal.

Canvassers have been appointed to contact each individual on the post, Lt. Fuentes said. They will explain the payroll deduction program and accept requests to enroll in it.

Agency chairmen working with Lt. Fuentes in conducting the campaign include Robert A. Doucette, and Richard H. Kuhn, Army Rocket and Guided Missile Agency; Maj. Fabian R. Andrews, Headquarters, Army Ordnance Missile Command; Leo W. Jex, Army Ballistic Missile Agency; Franklin B. Dykes, and Lt. Gary A. Smith, Redstone Arsenal; and Capt. Jerome O. Rolle, Ordnance Guided Missile School.

A kick-off meeting of all chairmen, canvassers, and other campaign workers will be held at 1 p.m. May 18 in the post's Rocket Auditorium. Principal speakers will be Brig. Gen. J. M. Colby, Deputy Commanding General, AOMC, and C. H. Stallings, U.S. Treasury Department representative from Birmingham. (See ANNUAL U. S. on Page 2)



PLAN ARSENAL SAVINGS BOND DRIVE—Shown above laying plans for the annual U. S. Savings Bond campaign slated May 18-29 at Redstone Arsenal are Lt. Francisco Fuentes (fourth from left), general drive chairman, and chairmen representing the various Arsenal agencies. Left to right: Robert A. Doucette, Army Rocket and Guided Missile Agency; Richard H. Kuhn, AR-GMA; Maj. Fabian R. Andrews, Headquarters, Army Ordnance Missile Command; Lt. Fuentes; Leo W. Jex, Army Ballistic Missile Agency; and Franklin B. Dykes, Redstone Arsenal. Not present for photo were Capt. Jerome O. Rolle, Ordnance Guided Missile School, and Lt. Gary A. Smith, RSA.

The Redstone Rocket

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ANNUAL U. S.

(Continued From Page 1)

Stallings will explain the overall Savings Bond program and describe the awards which will be given to Arsenal units which achieve outstanding participation.

Competition Seen

Each agency on post will conduct its individual campaign, Lt. Fuentes stated, adding, "It is hoped that we will see a very healthy competition between units to set the best record in participation."

Following is a list of types of awards which will be given to outstanding units in the campaign:

a. The Minuteman Award is a lithograph print in four colors suitable for framing, and will be issued to units and organizations achieving the Army goal of 65 percent. The assigned strength must be 100 or more. Each print will bear the signature of the Chief of Finance. A major commander, if he wishes, may add his signature to this award prior to forwarding it to the unit.

b. The Secretary of the Army United States Savings Bond Award is a certificate suitable for framing, and will be issued to units and organizations achieving 80 percent participation. There must be an assigned strength of 500 or more. The award will bear the signature of the Secretary of the Army.

c. The Minuteman Flag is of blue and white bunting, 56 by 108 inches, and may be flown from the Headquarters building beneath the flag of the United States. Units and organizations must achieve 90 percent participation and must have an assigned strength of at least 1,000.

d. Minuteman Flag Stars will be awarded for each period of 12 months during which a unit or installation remains continuously eligible to fly the Minuteman Flag. Each star will be in the form of two pieces of star shaped muslin, to be sewn, one on each side of the flag in the lower outside corner.

ARMED FORCES

(Continued From Page 1)

Live TV

Live color television, as well as the outdoor missile displays that will ring courthouse square from 9 a.m. to 3 p.m., Saturday, May 16.

Window Displays

Some 30 window displays will be available for public inspection during (May 11-16) Armed Forces Week.

Among the private companies providing window exhibits this year are Firestone Tire and Rubber Co., P. R. Mallory Co., Ford Instrument Co., Hayes Aircraft, IBM, Raytheon, Reynolds Metals, Rocketdyne Division of North American, Rohm and Haas Chemical Co., RCA, Convair, Chrysler Corp., and Friden, Inc.

Arsenal segments putting in window exhibits include three ABMA Labs: Guidance and Control, Structures and Mechanics, and Fabrication and Assembly Engineering.

Armed Forces Day theme this year, as it has been in the past year, will be "Power for Peace."

Among the other exterior displays will be a medical exhibit by the Huntsville Red Cross Chapter and the Redstone Army Hospital.

SEN. JACKSON

(Continued From Page 1)

tant, in charge of Redstone Arsenal sales.

Tickets (\$3.75 per person) may be obtained on post by contacting any of the following:

Adjutant General, Headquarters Army Ordnance Missile Command; Adjutant, Redstone Arsenal; Adjutant, Army Ballistic Missile Agency; Adjutant, Army Rocket & Guided Missile Agency; Secretary, Ordnance Guided Missile School, or any designated representative of OGMS divisions.

Dawson, who also serves as Armed Forces Day chairman, named two men to coordinate the dinner arrangements: Will Halsey, wholesale grocery operator, representing AUSA, and Lt. Col. Lester H. LeVine, Chief, Training Division, Office of AOMC Assistant Chief of Staff for Military Applications and Training, representing the Armed Forces Day Committee.

CHECK BEFORE YOU BUY THAT PROPERTY: The deed — have your lawyer O.K. it. The boundaries — have survey to show your exact limits. Taxes and special assessments — what are the property taxes and the special assessments, such as for sewer, street paving, etc.

ARSENAL HAS

(Continued From Page 1)

Laboratory will be Edward Hardin, David Kennamer, Leland Gardner, David Stovall, and Cecil Jennings.

Also slated to attend from Redstone Arsenal are Pfc. William E. Bond, Specialist-5 J. McVay, Pfc. John P. Cardoza, Specialist-4 Armand P. Lucchesi, Pfc. Robert A. Keecka, James B. Rose, William Ramsay, Thomas C. Monks, Frank W. Armstrong, Jesse E. Swafford, Sfc. Clare E. Bunch and Sfc. Henry J. Scholatory.

Sons of Two MFL Employees Win Fla. Science Fair Prizes

Jerry Hardin and Robert Baum, sons of Missile Firing Lab employees, recently won prizes at the Brevard County Regional Science Fair at Melbourne High School in Melbourne, Fla.

Don Hardin, Jerry's father, is the deputy program coordinator at ABMA's Missile Firing Lab, Cape Canaveral.

Jerry, 15, and a friend, Gene Bradshaw, 18, students at Titusville High School, Titusville, Fla., entered a joint exhibit entitled, "Nuclear Transmutation - The Changing of One Element to Another by the Use of Nuclear Particles." Their project won fourth prize in the Senior Physical Science Category.

Both young men plan to study physics when they enter college.

Robert Baum's dad is Herman Baum, a research engineer in the Guidance and Control Branch of Missile Firing Lab.

Baum, 16, won second prize in the Senior Biological Sciences category. His exhibit was entitled, "The Effects of DNA (Deoxyribonucleic Acid) on Bacteria."

Young Baum is not certain of his future. However, he indicated a strong desire to study dentistry and continue his bacteria research.

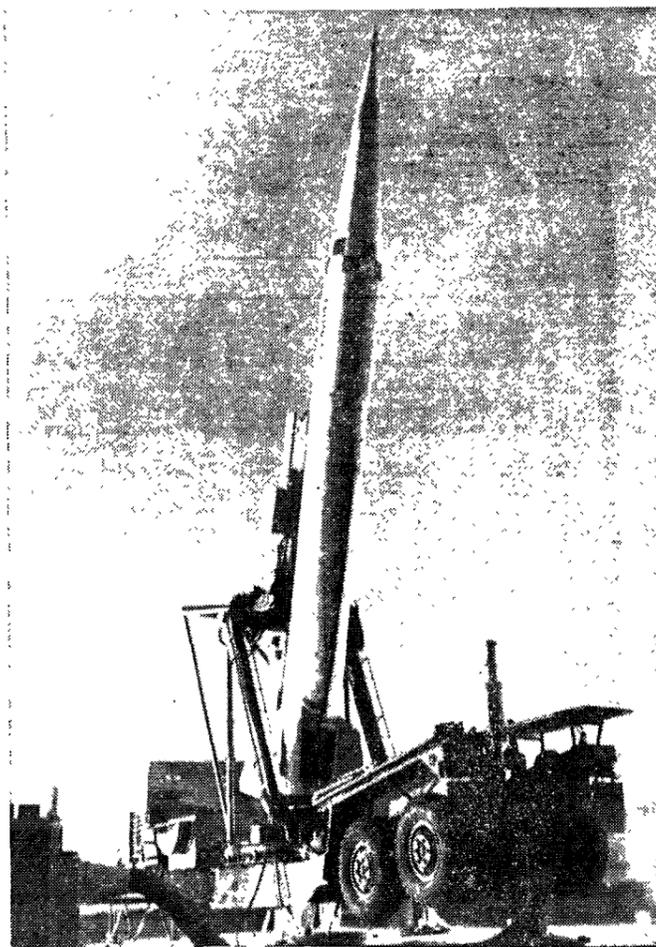
Accountants Assn. Eyes National Honors

Officers and directors of the North Alabama Chapter of the National Association of Accountants held their regular monthly board meeting in Decatur recently.

Jim Thomas, Rohm & Haas, Huntsville, announced that the chapter has an excellent chance for top honors in National Stephenson Trophy Competition. Bill Daniel, also from Rohm & Haas, congratulated on receiving excellent credit for manuscript preparation.

Victor Johnson, Ford Motor Co., Sheffield, reported that plans have been completed for one of next year's technical sessions. Cebren Parr, Reynolds Metal Co., Sheffield, employment director reported that the chapter has several applicants in accounting which would be forwarded to businesses desiring accounting personnel at no charge.

Joe T. Jones, Chemstrand Corp., Decatur, submitted five applications for new members which were approved by the board. The new members are: Dallas R. Moon, a 1957 graduate of Jacksonville College, now employed at Redstone Arsenal; Frank W. Mead, Chemstrand Corp., who attended Florence State College and was affiliated with the Florence Cotton Mills from 1948 to 1953; David J. Kennedy, Sheffield Concrete



BY THE DAWN'S EARLY LIGHT—In the quiet, early hours at White Sands Missile Range, N. M., the newest model of the Army's Sergeant missile pokes its slim snout skyward. Poised on its launcher, belying its lethal nature, Sergeant is almost ready to blast off on one of the supersonic tests carried on at the desert test center. The solid-propellant weapon, developed under ARGMA cognizance, is tabbed to replace its older brother, the Corporal.

Block Co., Inc., a graduate of the La Salle Extension University and now controller of Sheffield Block; Ronald D. Morris, Chemstrand Corp., a graduate of Bryant College, Providence, Rhode Island; and Elmo M. Mallonee, Redstone Arsenal, a graduate of the University of Kentucky, now a price analyst at Redstone.

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BB GOES BRITISH—Brigitte Bardot under wraps strikes a coy pose for British newsmen while visiting London to shoot location scenes for her latest film, "Babette Goes to War."

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EMERGENCY TRANSPORT—M/Sgt. Orville E. Lee (left) of Portland, Ore., and Fort Richardson, Alaska, gets a hand from the post range officer in harnessing up a sled. Hobbyist Lee has 20 of his some 100 dogs on Army duty to test their rescue and supply usefulness.

Soldiers Cover All Alaska in Aircraft Maintenance Job

FORT RICHARDSON, Alaska — Sometimes it takes the help of a full dog-sled team, but when they set out to recover a wrecked Army plane in the remote areas of Alaska, members of the Transportation Army Aircraft Maintenance unit stationed here usually succeed.

One of their hardest jogs was in the minus 20 degree temperature of the Black Rapids area, when they had to build a bridge over a river to get to the crashed plane, then rig it for helicopter pickup.

The more routine mission of the team of two officers and 16 enlisted men is to perform all field maintenance on Army and National Guard planes in the Territory. It's work that keeps them traveling, and not usually as a full section.

That's why they hold a 45-minute class every day to train each other into full competency when job inter-change becomes necessary. It means passing on knowledge and skills learned during specialized training courses.

The commanding officer, for instance, Captain Charles H. Monroe of (58 Georgiana St.) New London, Conn., is a factory-trained helicopter mechanic. Specialist Second Class John Ulsher of Basin, Mont., is a graduate of the 14-week course in helicopter maintenance at Gary Air Force Base, Tex.; Specialist Third Class David Christie of Statesville, N.C., attended a 21-week course to qualify as an aircraft instrument specialist; and Specialist Third Class Alexander Hodges of Yuma, Ala., chief of the sheet metal shop, learned his trade at the Army Aviation Center, Fort Rucker, Ala.

WAGE BOARD

(Continued From Page 1) to make possible more equitable assignment of jobs to pay grades.

NEW WAGE BOARD RATE SCHEDULES:

SUPERVISORY RATE SCHEDULE

Grade	1	2	3	4
1	2.15	2.26	2.37	2.49
2	2.30	2.42	2.54	2.66
3	2.45	2.58	2.71	2.84
4	2.60	2.74	2.88	3.01
5	2.76	2.90	3.05	3.19
6	2.91	3.06	3.21	3.37
7	3.06	3.22	3.38	3.54
8	3.21	3.38	3.55	3.72
9	3.40	3.58	3.76	3.94
10	3.60	3.79	3.98	4.17
11	3.80	4.00	4.20	4.40
12	4.01	4.22	4.43	4.64
13	4.21	4.43	4.65	4.87
14	4.32	4.55	4.78	5.01
15	4.44	4.67	4.90	5.14
16	4.57	4.81	5.05	5.29
17	4.70	4.95	5.20	5.45

NON-SUPERVISORY RATE SCHEDULE:

Grade	1	2	3
1	1.50	1.58	1.66
2	1.58	1.66	1.74
3	1.65	1.74	1.83
4	1.73	1.82	1.91
5	1.81	1.90	2.00
6	1.96	2.06	2.16
7	2.11	2.22	2.33
8	2.26	2.38	2.50
9	2.41	2.54	2.67
10	2.57	2.70	2.84
11	2.72	2.86	3.00
12	2.87	3.02	3.17
13	3.02	3.18	3.34
14	3.25	3.42	3.59
15	3.55	3.74	3.93

LEADER RATE SCHEDULE:

Grade	1	2	3
1	1.65	1.74	1.83
2	1.74	1.83	1.92
3	1.81	1.91	2.01
4	1.90	2.00	2.10
5	1.99	2.09	2.19
6	2.16	2.27	2.38
7	2.32	2.44	2.56
8	2.49	2.62	2.75
9	2.65	2.79	2.93
10	2.82	2.97	3.12
11	2.99	3.15	3.31
12	3.15	3.32	3.49
13	3.33	3.50	3.68
14	3.57	3.76	3.95
15	3.90	4.11	4.32

Shift Differentials:
2d Shift 5c
3d Shift 10c
To be effective at the beginning of the first pay period after 13 May 1959.

A private was walking through the field with the daughter of a neighboring farmer when he turned to her and said, "You see that cow over there with the little calf? Look how she's kissing him. I'd like to do that too."
Farmer's Daughter: "It's all right with me. It isn't my cow."



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AIRCRAFT

(Continued From Page 1)

Fabrication and Assembly Engineering Lab, Test Lab, and Systems Support Equipment Lab. ABMA developed the Redstone and Jupiter ballistic missiles and launched the Free World's first satellites of the earth and sun, Explorer I and Pioneer IV.

Dr. von Braun was scheduled to brief the visitors on his Agency's space research activities.

The committee will meet in business session tomorrow.

Among others scheduled to attend are:

E. P. Wheaton of Douglas Aircraft Co., R. Harvey Anselm of Beech Aircraft Corp., D. M. Heller of Bendix Aviation Corp., R. H. Jewett of Boeing Airplane Co., K. J. Bossart of Convair Division of General Dynamics Corp., Harold L. Flowers of Goodyear Aircraft Corp., Dr. N. I. Hall of Hughes Aircraft Co., Dr. A. C. Hall of The Martin Co., B. G. Bromberg of McDonnell Aircraft Corp., J. G. Beerer of North American Aviation, Inc., Milt Kuska of the Northrop Corp., Frank W. Find of Ruan Aeronautical Co., and R. E. Galer of Temco Aircraft Corp.

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SEE!

SAUTA CAVERNS

SEE!



East

Jackson County



H.ville



East

Social News

ARMY DISTAFF FOUNDATION APPEAL ISSUED TO OFFICERS' WIVES HERE

Redstone Arsenal officers' wives are being asked, together with other U. S. Army officers' wives and their husbands all over the world, to contribute to the Army Distaff Foundation, a project for constructing an apartment home and nursing facility for elderly women dependents of Army officers.

The appeal is being made by the Army Wives' Council. In a letter concerning the project to members of the Redstone Arsenal Officers Wives Club, Mrs. J. B. Medaris explains that "this endeavor is in line with a sentiment we all know... 'the Army takes care of its own.'"

The apartment home, to be known as the Army Distaff Club, will be located in Washington, with an adjunct nursing facility to be called Potomac Post. The apartment home is to be non-profit, but once established is expected to be self-supporting. The nursing home is not expected to be self-supporting.

Army club women in and about Washington initiated the idea, and led by Mrs. Maxwell Taylor, wife of the Chief of Staff, and Mrs. Hoy Davis, President of the Army

Wives' Council, have given their time and resources to further the project.

In order to take care of the necessary financing, selection of site, construction of building, and provision for management, the Army Distaff Foundation has been established and will be incorporated. Mrs. Dwight D. Eisenhower has consented to be Honorary Chairman of the National Advisory Committee. General John E. Dahlquist, ret, is serving as Chairman of the Board of Directors.

"It is hoped, writes Mrs. Medaris, "that after the Foundation has established its first 'home' in Washington, it will be able to establish others in other parts of the country."

The Army Wives' Council is asking for individual contributions now, with further fundraising projects to follow. All Army officers wives at Redstone Arsenal are urged to participate in this initial effort, which will continue until the end of May. All contributions should be made to Mrs. Thurston T. Paul, chairman of the Redstone Drive, or members of her committee.



A SCRAPBOOK FOR THE COLONEL—Col. Harry C. McClain (center), Redstone Arsenal Post Surgeon, presents a scrapbook of Redstone Arsenal activities to Col. Keith T. O'Keefe, Redstone Arsenal Commander, during a farewell party held in Col. O'Keefe's honor Saturday night at the Squirrel Hill Officers Club. Observing the presentation is Mrs. O'Keefe. Col. O'Keefe, who has been at Redstone since August 1956, will assume a new assignment as Chief of the U. S. Army Overseas Supply Agency, New York City, on May 15.

200 ENLISTED MEN, GUESTS SEE HUNTSVILLE ON SERVICE CLUB TOUR

BY MISS BARBARA KELLY
Of Special Services Office

Over 200 Arsenal enlisted men and their guests toured Huntsville Sunday under the sponsorship of the Rocket Service Club.

Dr. Frances Roberts, chairman of the Huntsville Historical Society, arranged for guides to ride each bus touring the city. Mrs. Addison White, Miss Mildred Canterbury, Felix Newman, and Mrs. Burke Kisk, officers and members of the Society, served as guides.

Hostesses in the J. F. Watts' home, which was a stopping joint on the tour, were Mrs. Alex Wilson, Mrs. Gene Monroe, Mrs. T. W. Roseborough, Mrs. R. L. Spragins, Lt. Col. and Mrs. Ernest Rabanks, and Miss Dorothy Webb. Mr. and Mrs. Watts greeted the guests in their lovely historical Ante-bellum home.

As the group made their way to the Episcopal Church, Church of the Nativity, they were greeted by the following hostesses: Miss Margaret Henson, Mrs. William Henson, Mrs. John McCaleb, Mrs. James McCowan, Mrs. Archie Hill, Jr., Dick Hay, Miss Frances Jones, Mrs. Ramsey Scott, and Mrs. W. P. Dilworth, III.

Mrs. Milton Cummings and her daughter, Nancy, greeted the guests in their home. The following Huntsville Junior hostesses served as hostesses in the Cummings' home: Liz Hale, Shelby Jean Taylor, Dorothy Worley, Cathy Vaughn, Cathy Atchley, Jo Lowery, Betty Estes, and Shirley Glass.

After the tour the group returned to the Service Club for a buffet supper and record dance.

The following Huntsville Junior hostesses served at the Service Margaret Porter, Dorothy Worley, and Liz Hale.

"We would like to thank our bus drivers for an excellent job," said Service Club officials. "The The Birmingham Junior Host-tour was made in record time."

and will be voted upon at the next meeting.

Maj. Townsend stated that the July meeting date was moved from 3 July, the customary first Friday of the month, to 10 July, because of the possible conflict with the 4th of July weekend holiday activities.

Capt. Calvin C. Goffey announced the next Heroes of '76' meeting would be the 22nd of May at the Yarrowborough Hotel.

AOMC Officers' Wives to Be Hostesses For Luncheon May 12

The officers' wives of the Army Ordnance Missile Command will be hostesses for a Redstone Arsenal Officers Wives Club luncheon to be held at 12:30 p.m., May 12, at the Squirrel Hill Officers Club.

All members of the club are invited, with the luncheon open to the first 200 to make reservations.

The luncheon will feature a white elephant bingo, with prizes provided by the hostesses.

Reservations to attend must be made not later than noon, May 7, by calling Mrs. W. J. Fries, ext. 7948; Mrs. C. I. Thompson, ext. 3659; Mrs. G. Middleton, ext. 8852, or Mrs. E. Padgett, JE 2-8257.

Cancellations will be accepted until noon, 11 May, by calling Mrs. R. L. Anderson ext. 8151; or Mrs. Oliver Street, ext. 7545.

Mrs. William J. Nelson; second, Mrs. R. L. Spragins; third, Mrs. Edward Hein; low, Mrs. Stanley Pearson.

At the Service Club

Your Service Club has scheduled four dances for this month. These dances will be held on the following dates:

- Friday, 15 May Dance with Don Peragallos' Combo
- Tuesday, 19 May Buddy Baers' Orchestra
- Thursday, 26 May Glen Slayton's Combo
- Sunday, 31 May Record Dance

You will hear more about these later.

The dance classes meet Wednesday night starting at 7:30 p.m. with Ray Pisani our instructor. The last dance class of this series will end on Wednesday, May 13.

A tour to Chattanooga, Lookout Mountain, and Rock City will leave from the Service Club on Sunday, 19 May at 12:30 noon.

Attention all pool enthusiasts! Join the pool tournament on Tuesday nights at 7 p.m. Come by the office and sign up. A prize will be given to the winner of the tournament.

Bingo is played every Monday

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Do It Yourself Service

WASH 20c
DRY 10c

OPEN 24 HOURS A DAY
7 DAYS A WEEK
2007 Whitesburg Drive

night in the lounge at 8:15 p.m. Hope you are a lucky winner of the nice prizes given.

A ping-pong tournament will be held on at 7 p.m. on Tuesday, 14 May. Be sure your name is on the list to play if you enjoy playing ping-pong.

BARBARA KELLY

Redstone Chapter 353 National Sojourners, Holds May Meeting

The Redstone Chapter 353 National Sojourners met for the May meeting, (dinner and business) at the Squirrel Hill Officers Club on Friday night, with Maj. Lincoln H. Townsend, president, presiding.

Former member CWO John I. Draper was welcomed back as a transferee by the chapter. Capt. Joe E. Land was initiated into membership.

Col. Charles J. Payne, program committee chairman, outlined the programs for the remainder of the year. He explained the plans for the Sojourner Spring Dance, one of the main social events of the year, which will be held at the Veterans of Foreign Wars Club on Saturday, 13 June. The committee was complimented for its work.

The Civil Defense organization of Huntsville was commented on by Lt. Col. (USAR) Pete Redding, who stated that volunteers would be welcomed. All persons interested were invited to a meeting on 20 May at 7:30 p.m. in the building back of Huntsville City Hall.

The Redstone Chapter 353 Constitution and By-laws prepared by the Constitution Committee were read and discussed



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To 10:30 P. M.

Your Chinese Specialties

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MOTHER'S DAY
IS
Sunday, May 10

ROPER'S

FLOWERS
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PHONE JE 2-8454



ON HER DAY — MAY 10

- ☆ MIZE
- ☆ MCKETTRICK-WILLIAMS ● 8 to 20
- ☆ HENRY ROSENFELD 14½ to 24½
- ☆ LAMPL 38 to 44
- ☆ BABETTE ●
- ☆ HATTIE LEEDS ●
- ☆ CHARLES HYMAN

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- ☆ Tailored Jr's.
- ☆ Trudy Hall
- ☆ Natylnn
- ☆ Carol Rodgers and others 5 to 15



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- Bags
- Hosiery
- Umbrellas
- Costume Jewelry

T. T. TERRY'S

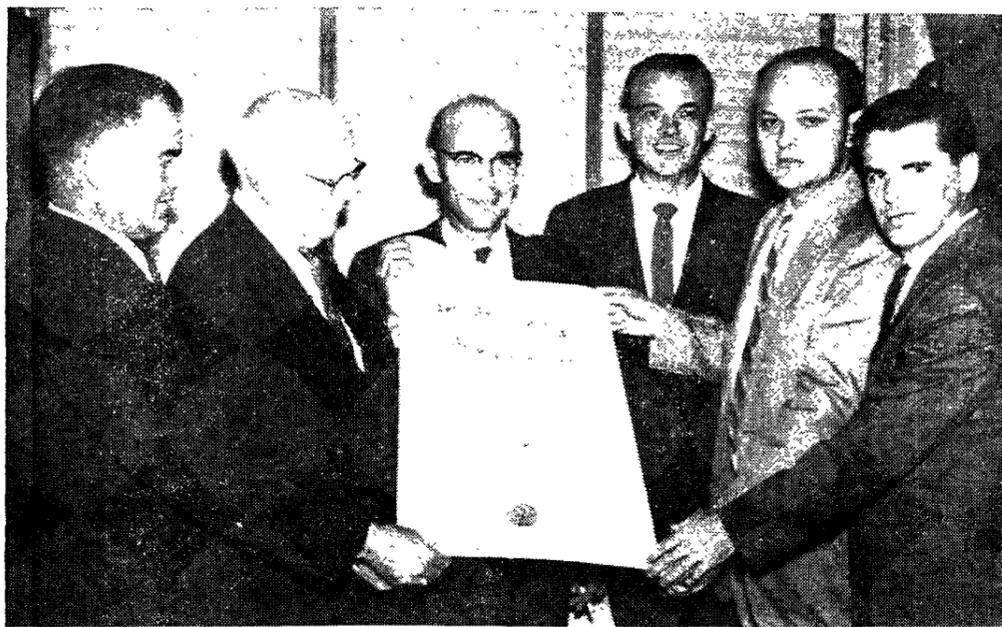
Ladies Department

Jim Terry, Owner

WE CASH
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TIL 8 P.M.

South Side Square



AFGE CHARTER PRESENTED—Redstone Arsenal Lodge 1858 of the American Federation of Government Employees received its charter from the AFGE national president, James A. Campbell, (second from left) at a dinner meeting last Wednesday night at the Russel Erskine Hotel. Shown above during charter presentation ceremony are (left to right) Dennis Garrison, vice-president, Lodge 1858; Campbell; James Holland, assistant vice-president; R. L. Bradford, executive vice-president; E. L. Lowther, president; and Glenn Test, assistant vice-president. Some 300 AFGE members attended the event.

COL. NEWHALL SAYS

ELECTRONIC AIDS CUT 25 PER CENT FROM MISSILE TRAINING TIME

The Army is using closed circuit television and other electronic aids to cut more than 25 per cent from missile training time.

This report was made in Miami, Fla., yesterday by Col. H. S. Newhall, Commandant of the Ordnance Guided Missile School, speaking to the national convention of the Society of Motion Picture and Television Engineers at the Fontainebleau Hotel.

Some of the new techniques developed at the famous Redstone Arsenal "Space Academy" were shown to the engineers for the first time. Demonstrations of the new audio-visual methods and equipment included:

(1) Excerpts from courses transmitted live by closed circuit television from the Missile School to such centers as Fort Knox, Ky., the Pentagon, and the National Press Club in Washington.

(2) Use a videotape for instantaneous and economical filming of missile instruction for use in classes conducted around the clock at the School.

(3) Use of group communications equipment, such as Teletypewriter reading units, video typers, rear-screen projection, new slides that can be made within five minutes, "black light" that shines in the dark, and other devices designed to help instructors hold the attention of students and help to a fixed pattern of instruction.

(4) Use of "Telemation" techniques to produce automatically a number of classroom effects such as lowering of lights, opening of curtains, movie screens, and special charts, starting and stopping films, slides, and tape recorders.

Col. Newhall said the Missile School has now conducted more than 300,000 man-hours of experimental instruction with these teleprompting devices and techniques. Control groups of students were used to obtain comparative data.

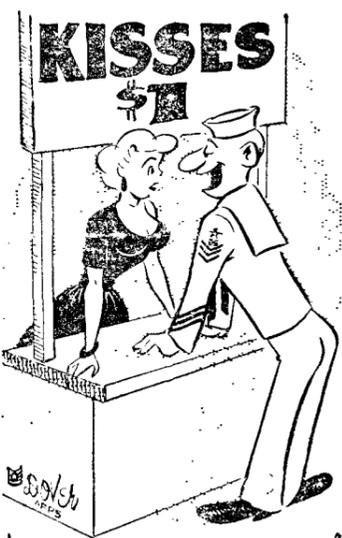
"They show a 26.6 per cent saving in training time plus a two per cent increase in retention of subject matter by students plus a seven per cent improvement in test grades, and other benefits such as complete coverage of subject matter by instructors, increased flexibility of scheduling classes on a 24-hour-a-day basis and fuller use of the abilities of highly specialized technical instructors."

"These results lead us to believe that we have developed a technique that fully exploits the latest advances in the art of audio-visual communication and is a technique that can be applied to other types of training problems with equally effective results," he said.

Religious Services

POST CHAPEL — Bldg. 3714
PROTESTANT
Sunday — 0945 hours, Sunday School, 1st Session 4th grade through Senior High.
1000 hours — Adult Bible Class in Library of Service Club.
1100 hours — Sunday School, 2nd Session — 3 yrs. of age through 3rd grade.
1100 hours — Morning Worship
The nursery for babies and small children is open during this service.
1830 — Christian Youth Fellowship — Jr. High Young People and Senior High
Wed. — 1800 hrs. — EMCU.
Wednesday — 1845 hours — Chancel Choir rehearsal.
RSA PARK — Sunday, 0945 hours — Sunday school classes.
Morning worship — 1100 hours.
JEWISH — Temple B'Nai Sholom (corner of East Clinton and Lincoln)
Friday — 2000 hours — Regular service. O'Neg Shabbot (Sabbath Social) at Temple Annex.
Sunday — 0930 hours — Religious School at Temple Annex

S.O.P.



Special Services Activities

POST SERVICE CLUB OPERATING HOURS
Monday thru Saturday 1000-2200.
Sunday and Holidays 0900-2200.
POST LIBRARY OPERATING HOURS
Monday thru Friday 0900-2200.
Saturday and Holidays 1000-2200
Sunday 1200-2200
CRAFTS SHOP OPERATING HOURS (Effective April 5):
Monday through Friday 1000-2200.
Saturday and Holidays—0800-1630.
Sunday—CLOSED.
RSA BOWLING LANES OPERATING HOURS
Monday and Wednesday 1300-2300.
Tuesday and Thursday 1000-2300.

Friday and Saturday 0900-2300.
Sunday 1300-2200.
LEAGUE BOWLING:
Monday thru Thursday 1545-2300.
Friday 0900-1145 (Ladies League) 1545-1730 2000-2300.
GOLF DRIVING AND ARCHERY RANGE OPERATING HOURS
Sun. thru Sat., 1300-1830.
POST GYMNASIUM — Closed indefinitely for repair. (except Exercise Room, which is open from 1800 to 2100 hours.)

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Expertly Done At
FIVE POINTS
Launder Shop
715 Pratt Ave.
Phone JE 4-4482

CHRISTIAN SCIENCE SERVICES
Sunday — 1100 hours — Held in Huntsville at White St. and Wells Ave. Wednesday evening meetings are held at 1930 hours.
CATHOLIC
Sunday — 0745, 0845 and 1230 hours—Mass.
1830 — Youth Religion Class in Chaplains Office
MONDAY — 1900 hrs. Choir Rehearsal 2000 hours — Convert Class in Chaplain's Office.
TUESDAY—1930 hours — Novena in Honor of Miraculous Medal.
Saturday — 1000-1130 hours—Altar Boys Class.
Catechism classes — 1000-1130 Confessions — 1800-1900 hours
DAILY MASS — 1130 hours.
CHAPEL NO. 2 — Sunday — 1100 hours — Mass.

YUM-M-M-Y!
12-Oz. Boneless Club Steak
Broiled Or Grilled **\$1.75**
Served Sizzling
Chef Salad With Choice of 7 Dressings and French Fried Potatoes . . .
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- White Calf ● Black Patent **\$8.95**
- Bone & Coral ● Apricot & Orange Ice **\$8.95**
- White ● Beige **\$7.95**

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MRS. ESSLINGER

Mrs. Ann Esslinger Is 'Safe Supervisor'

The "Safe Supervisor of the Week" is Mrs. Ann Esslinger, Administrative Branch, Research & Development Division, ARGMA. She was selected by the RSA Safety Division, based on the recommendation of her supervisor and those with whom she works.

Mrs. Esslinger is supervisor of the Mail and Records and File Section and has eight persons under her supervision. She came to work at Redstone in January, 1953, and her employment in the Research and Development Division has been uninterrupted during that time.

She is a native Huntsvillian, attended Huntsville High, and now lives with her husband and young son, Mike, age 3, at 4119 Arlington Road. Her husband, Wendell, works in Industrial Division, ARGMA.

Mrs. Esslinger realizes fully the importance of her people working safely not only on the job but



LUTHER PITTS

Luther Pitts Named Week's 'Safe Worker'

The "Safe Worker of the Week" is Luther Pitts of the Post Quartermaster Clothing Store, Bl. 3618. His selection was made by the RSA Safety Division based on the recommendation of his supervisor.

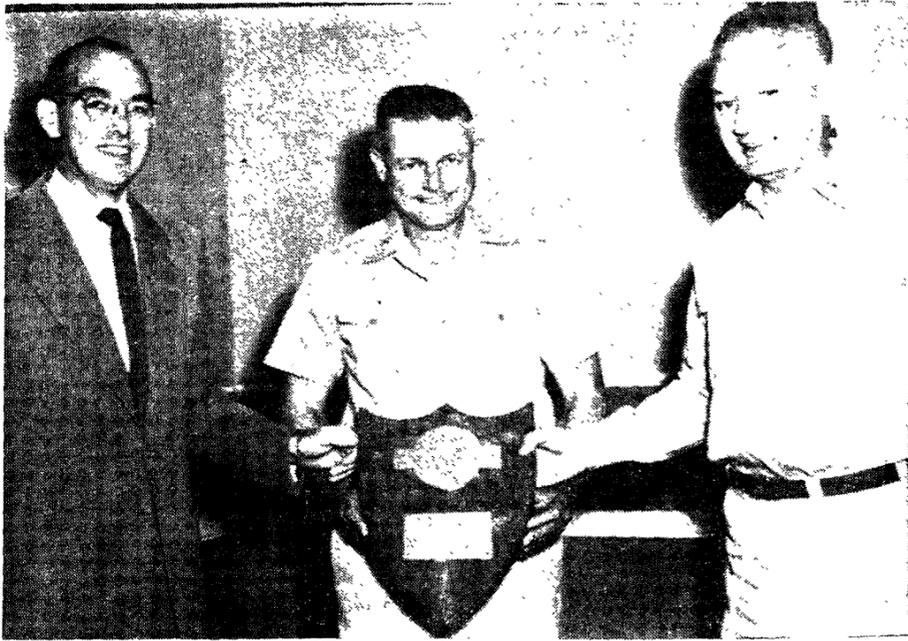
Pitts' job is to keep a complete stock of clothing for the military on hand. He has been on this job three years last March.

Pitts is a native Alabamian, born at Athens; since his father was a Methodist minister, he has lived in all sections of Alabama. Prior to employment at Redstone he attended business college at the North Alabama College of Commerce, worked as a spot welder in Chattanooga for eight months, and spent two years in military service, part of which time was in Korea during the Korean conflict.

Pitts and his wife, Gay, and two children, Tony, 4, and Pamela, 1, live now at 2504 Sixth Street, S.W. in Huntsville. Luther's hobbies are hunting and fishing.

Pitts recommends to everyone that it's smart to work safely and he credits his accident-free experience to the fact that he always tries to watch what he's doing and keeps his mind on the job, Safety officials said.

off the job and especially driving back and forth to the job, Safety officials said. She has never had an injury nor have any of her personnel received an injury serious enough to cause them to lose time from work.



SAFETY PLAQUE GIVEN—Maj. Jesse E. Garner (center), Troop Commander, RSA, was recently presented a plaque by Col. Owen T. McCloskey (right), Deputy Commander, RSA, for the Troop Command having had the lowest accident cost for the quarter ending 31 March. This was the fourth consecutive quarter the Troop Command has received the lowest accident cost plaque. At left, above, is L. L. Roberts, Chief, RSA Safety Division.

LT. MANN 'LIFTS THAT BALE' SO RESERVISTS CAN REPORT ON TIME

FORT RILEY, Kans.—An Army company commander fills many roles, but it's not often that he's called upon to serve as a temporary farm hand.

That's what Lieutenant Ira Mann, CO of the 221st Transportation Company (Reserve) of Norton, Kans., had to do to get his unit to summer camp here this year.

Nearly all the members of the Reserve unit are farmers. A rainy July delayed the Kansas wheat harvest so long that many were not sure they could finish getting in their crops in time to report for annual field training.

So Mann, a vocational agricultural teacher in the Long Island (Kans.) High School, "hired himself out" as a farm hand to help bring in the sheaves.

Even so, many of the citizen-soldiers from the Norton area had a last-minute race with the calendar to finish their chores.

"We left for Fort Riley at nine in the morning and I didn't finish stacking my hay until 1 a.m. the same day", says company First Sergeant Fred Zillinger who farms 480 acres near Phillipsburg, Kans.

The 221st, a light truck unit, was at Riley to take on-the-job training with the Ninth Transportation Battalion of the First Infantry Division.

SAVING THE THUMB

If you, like many other amateur handyman, have trouble with your thumb getting in the way when hammering nails or tacks, here's an easy way to save sore fingers. First stick the tack or nail through a piece of paper. Hold the tack in place with the paper until it is partially imbed-

Safety Scoreboard

(As of 4 May)

Days since last civilian disabling injury	25
Our goal	60
Days since last military disabling injury	1
Our goal	30
Days since last contractor personnel disabling injury	22
Our goal	50
Days since last government motor vehicle accident	4
Our goal	30

DRIVING RECORD (Government Vehicles) (As of 4 May)

Organization	No. Accidents (1959)	Days Since Last MV Accident
Transportation Div. (RSA)	4	31
Post Engineer Div. (RSA)	8	20
Provost Marshal Div. (RSA)	6	4
Depot Operations (RSA)	8	17
All other RSA	2	41
Thiokol (ARGMA)	3	35
All other ARGMA	3	17
OGMS	9	17
ABMA	4	18

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What is an Electrical Engineer?

HE IS THE "INDISPENSABLE MAN" TO BOTH GOVERNMENT AND INDUSTRY IN SUCH FIELDS AS ROCKETRY, ELECTRONICS, COMMUNICATIONS, POWER, NUCLEONICS. HE HAS LIGHTED THE WORLD, BROUGHT MAN CLOSER TOGETHER, OPENED NEW HORIZONS.

HE WILL PLAY AN EVEN MORE IMPORTANT ROLE IN THE FUTURE. BUT HE MAY BE HAMPERED BY A CRITICAL SHORTAGE OF QUALIFIED COLLEAGUES NEEDED TO ENGINEER THE "SPACE AGE".

AND SO THIS YEAR, DURING ITS 75TH ANNIVERSARY, THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS, ONE OF THE WORLD'S LARGEST ENGINEERING SOCIETIES, IS MAKING A SPECIAL APPEAL, URGING QUALIFIED YOUNG MEN AND WOMEN TO CONSIDER FOLLOWING THE REWARDING AND VITAL CAREER OF ELECTRICAL ENGINEERING.

ded in the wood. Tear off the paper, and drive the nail home.

CARTOON OF THE WEEK
SELECTED FROM MUSKET
USS LEXINGTON — CVA 16



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432.00	376.33	24.00	55.67
504.00	442.39	28.00	61.61
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ROA HONORS GEN. MEDARIS—Maj. Gen. J. B. Medaris (left), Commanding General of the Army Ordnance Missile Command, receives plaque from Alabama Department of the Reserve Officers Association of the U. S. in recognition of his "outstanding efforts in support of the national defense program." Making presentation, in ceremony last week at Redstone Arsenal Officers Club, is Lt. Col. (USAR) William J. White, State President of the Alabama Department.

Gen. Medaris Receives Plaque From Ala. ROA

Maj. Gen. J. B. Medaris, Commanding General of the Army Ordnance Missile Command, last week was presented a plaque by the Alabama Department of the Reserve Officers Association of the U. S. in recognition of his "outstanding efforts in support of the national defense program." The presentation was made by Lt. Col. (USAR) William J. White, State President of the Alabama Department, at a luncheon meeting of the Huntsville Chapter of ROA at the Redstone Arsenal Officers Club.

Gen. Medaris is a past president of the Cincinnati Chapter of ROA.

In the award ceremony, Col. White pointed out that the objective of ROA is "to support a mili-

tary policy for the United States that will provide adequate national security and to assist in the development and execution thereof." He told Gen. Medaris, "We in Alabama believe that you . . . have demonstrated to the nation the accomplishment of that objective." He also referred to the recipient as "an outstanding example of that Reservist who has faithfully through all the years lived up to our objective."

In accepting the plaque, Gen. Medaris said ROA "exemplifies the kind of joint endeavor for support of the nation which distinguishes this country. We are a nation of joiners because we believe in the power of common action."

Gen. Medaris also stated: "To remain strong we must weld together our interests and capabilities in national defense; for this purpose, ROA is one of the most powerful elements of the common front." He added that "I have enjoyed the pleasure and tremendous opportunity of having been in the right place at the right time, lending my efforts by guidance, coordination, and inspiration to a great group of people. Their total potential, in my opinion, exceeds that of any oth-

ABMA Wage Board Supervisors Vote to Form Foreman's Club

One hundred and two wage board supervisors voted Friday night to form a Foremen's Club for the Army Ballistic Missile Agency.

Stephen Little, of the Fabrication and Assembly Engineering Laboratory, will serve as temporary chairman of the group. He will be assisted by an executive committee consisting of one representative from each of the eight laboratories of the Development Operations Division and Technical Material and Equipment Branch.

Committee members are William Buttram, Structures and Mechanics Lab; Jack Conn, Systems Analysis and Reliability Lab; Ben Curtis, Test Lab; Miles Hollingsworth, Missile Firing Lab; S. E. Land, Technical Material and Equipment Branch; William Linstead, Guidance and Control Lab; Gordon Stephens, Systems Support Equipment Lab; and Carl Walker, Aeroballistics Lab.

Arthur Sanderson, ABMA director of personnel, spoke on the potential of supervisor groups in employe-management relations.

"You have the important job of supervising and guiding nearly 2,000 wage board employes of our agency. This means you are managing 40 percent of our entire civilian work force," he said, "and your influence will reflect greatly on the performance and the enthusiasm of these people."

Walter Wiseman, ABMA communications advisor, said, "This club could be the instrument to make us the best informed supervisor group."

He mentioned the need for first and second line supervisors to know and understand aspects surrounding missile and space development.

"You must have the answers to many questions. Management wants you to be the best source of information for our employes, and not other individuals or organizations," he said.

Little said the potential membership of the club will be between 170 and 200 wage board supervisors of ABMA. A number of these men are stationed at Cape Canaveral, Fla., with the Missile Firing Laboratory.

er single group in the United States."

Following presentation of the plaque to Gen. Medaris, installation of new officers for the Huntsville ROA Chapter was held. Lt. Col. (USAR) Walter E. Swarthout, chapter president, heads the slate of officers.

A ROA chapter president's key was also presented to Lt. Comdr. (USNR) John H. Graham, outgoing Huntsville president.

CHAIN - REACTION IN HOMES

When a family moves into a newly-built home, a chain reaction sets in that affects the

living standards of seven or eight other families, the National Association of Home Builders reports. The dwelling vacated by a new home buyer provides a second family with shelter that is more suited to its needs; the second family's dwelling opens the way for still another household of lesser income to move up the ladder into better housing and so on. Within the cycle, seven or eight different families change addresses in a continuing effort to elevate their standards of living.



ENCHANTING MISS — London-born Warner Bros. starlet Venetia Stevenson has been described as the world's most photogenic girl. Any questions?

MONEY

for Part-time Farm Owners and folks with Homes in the Country
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Residence - JE 4-6308

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

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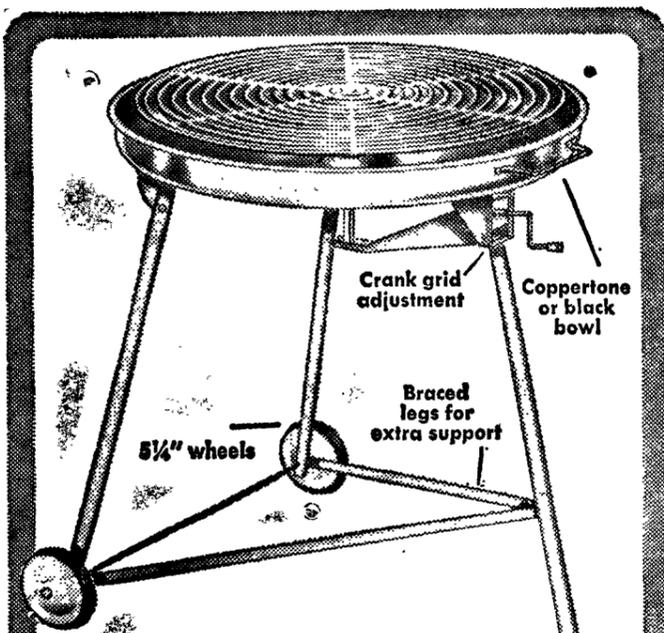
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Tuesday 9 a.m.—5:30 p.m. Friday 9 a.m.—5:30 p.m.
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SPORTS

Post Tennis Team Defeats Jacksonville State Teachers College

The Redstone Arsenal Post Tennis Team defeated Jacksonville State Teachers College by a score of 8 - 1 at Big Springs Park last Saturday.

The number three doubles was lost by Redstone and all other singles and doubles contests were won in straight sets, where the younger and less experienced college players were no match for the Redstone veterans.

Singles Scores

Capt. Bryan Meharg (R) defeated Mike Livingstone (J) 6-0, 6-3. Lt. Col. E. W. Ewbank (R) defeated Stacey Shaw (J) 6-0, 6-0. Lt. Don Winter (R) defeated Buddy Patty (J) 6-0, 6-1.

Maj. Ralph Bassett (R) defeated John McDougald (J) 6-0, 6-1. Pvt. Adolph Lund (R) defeated Warren Nix (J) 6-4, 6-4. SP David Howgate defeated Mike Akins (J) 6-1, 6-4.

Doubles Scores

Meharg - Ewbank (R) defeated Livingstone - Shaw (J) 6-1, 6-1. Bassett - Winter (R) defeated Patty - Nix (J) 6-2, 6-1.

McDougald - Akins (J) defeated Howgate - Lund (R) 6-4, 6-3.

Next Saturday Redstone will play the strong Howard College team in Birmingham in an effort to avenge an earlier loss which Howard inflicted in close hard-fought matches.

Pistol Team Wins Matches at Tarrant

CWO G. Seely, Master, Grand Aggregate, 2nd.

CWO R. Johnson, Sharpshooter, .22 Cal Timed Fire, 1st.

CWO A. Startup, Sharpshooter, .22 Cal National Match Course, 1st.

CWO Startup, Sharpshooter, .45 Cal National Match Course, 1st.

CWO Startup, Sharpshooter, Grand Aggregate, 1st.

S-Sgt. J. Gonzalez, Sharpshooter, Grand Aggregate, 2nd.

Sfc. E. Biel, Marksman, Center Fire National Match Course 1st.

Sfc. Biel, Marksman, .45 Cal National Match Course, 1st.

Sfc. Biel, Marksman, Grand Aggregate, 1st.

Lt. C. Schooley, Unclassified, Grand Aggregate, 2nd.

QUIZ

1. The first All American football team was chosen by whom? When?

2. At what university did half-back Doak Walker star?

3. How many times was Red Grange a first team All American choice?

4. When and where was the first baseball All-Star game played?

5. How can a bowler score 12 consecutive strikes and still not register a perfect 300 game?

(Answers to the Quiz)

1. Walter Camp in 1889.

2. Southern Methodist University.

3. Three

4. The American League beat the National League, 4-2, at Comiskey Park, Chicago, July 6, 1933.

5. By rolling a gutter ball on his initial effort in the first frame. His final score would be 290.

Rhymes of the Times

IF YOU CARRY YOUR WEIGHT AND DO YOUR MITE, THE REST OF THE WORLD WILL BE ALL RIGHT. ...Agen



RSA OFFICERS MIXED BOWLING LEAGUE as of 27 April

Team Standings	Won	Lost
Peapickers	164 1/2	67 1/2
Bombers	157	95
Hi-Counts	141 1/2	110 1/2
Pindroppers	121	131
Bowlweevils	113 1/2	138 1/2
D-Yanks	110 1/2	141 1/2
Blindmice	110	142
Holyrollers	91	161
Men over 200: Thompson	205.	
Rabinowitz	204,	Walsh 204.
Severino	214.	
Women over 180: Severino	180,	
187; Rabinowitz	211.	

Softball Scoreboard

864 Air Force 7, Lt. Gross. 1st ETD 14, 32 Ord. Det 0. "A" Det. ARGMA 8, Lt. Dill Officers 3. 3rd ETD 8, Hq. Det. UTC 5. Hq. Det. USAG 8, Signal Det No. 2 3. 228 Ord. Plt. 7, Lt. Gross Mixed 0. "A" Det. OGMS 8, Lt. Dill Officers 3. "A" Det ARGMA 7, Signal Det. No. 2 4.

Softball Schedule May 7-13

May 7 — Lt. Dill Officers vs. Signal Det. No. 2 Field 1 1800. 1st ETD vs. "B" Det. ABMA Field 1 1930. A Det. OGMS vs. Lt. Gross Mixed Field 2, 1800. 32 Ord. Det. vs. 864th Air Force Field 2 1930. May 8 — A Det. ARGMA vs. Field Mat. Field 1 1800. 3rd ETD vs. 228 Ord. Plt. Field 1 1930. Hq. Det. USAG vs. Medical Det. Field 2 1800. Hq. Det. UTC vs. B Det ABMA Field 2 1930. May 11 — Lt. Dill Officers vs. Lt. Gross Mixed Field 1 1800. 864th Air Force vs. Field Mat. Field 1 1930. 32nd Ord. Det. vs. 228th Ord. A Det. ARGMA vs. Medical Det. Plt. Field 2 1800. Field 2 1930. May 12 — 3rd ETD vs. Hq. Det. USAG Field 1 1800. Lt. Dill Officers vs. Field Mat. Field 1 1930. 1st ETD vs. 228th Ord. Plt.



NEW LOOK? — In a day when swimsuits seem to be getting more abbreviated, Sara Brockett's answer is the cover-up style.

Field 2 1800. Medical Det. vs. Hq. Det. UTC Field 2 1930. May 13 — 32nd Ord. Det vs. Hq. Det. USAG Field 1 1800. A Det. ARGMA vs 3rd ETD Field 1 1930. Field Mat. vs. Signal Det No. 2 Field 2 1800. Hq. Det. UTC vs. 228th Ord. Plt. Field 2 1930.

Canadian Army Chapel Window Uses U. S. Seal

FORT CHURCHILL, Manitoba —The seal of the U. S. Department of Defense is incorporated in the stained glass window in a chapel on this sub-Arctic station of the Canadian Army.

Permission to use the seal was granted by former Secretary of Defense Charles E. Wilson in what is believed to be its first authorized permanent display outside a U. S. establishment.

Although Fort Churchill is a Canadian Army installation, the Chapel of the Good Shepherd provides for the spiritual welfare of U.S. forces stationed here. Taking part in the recent dedicatory ceremonies was Major General J. G. Van Houten, U. S. Army commanding general of the Military District of Washington.

How's Your Know How?

1. Bulls react violently to the color red. True?
2. When and where was the first jet plane flown?
3. Who was the only Republican ever to serve two full terms as President?
4. The weight of water displaced by a ship is called her displacement. How many pounds make up a displacement ton?
5. Where and when was the last battle of the U.S.-Indian Wars fought?

(Answers to Quiz)

1. False. Bulls are color blind.
2. In Italy in the fall of 1939.
3. Ulysses S. Grant.
4. 2,240 pounds
5. At Wounded Knee Creek, S. D., on Dec. 29, 1890.

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PARTICIPANTS IN LAW DAY ceremonies at Redstone Arsenal Friday included (left to right) Lt. Col. Morton S. Jaffe, Command Staff Judge Advocate for the Army Ordnance Missile Command; Elbert H. Parsons, Presiding Judge, 23rd Judicial Circuit, Ala.; J. Ed Livingston, Chief Justice, Supreme Court of Alabama; Brig. Gen. Robert H. McCaw, Assistant Judge Advocate General for Civil Law, Department of the Army; and J. Russell McElroy, Presiding Judge, Jefferson County (Birmingham), Ala. Col. Jaffe was chairman for the festivities, while Judge Livingston presented the main address of the day and Judge McElroy served as luncheon speaker. The Law Day program included a tour of the Army Ballistic Missile Agency's Fabrication Laboratory, Test Area, and Systems Support Equipment Laboratory. In the background is a display depicting the history of rocketry.

Troops in Carolina Field Exercises Find Propaganda Can Be a Weapon

FORT BRAGG, N. C. — A realistic reproduction of part of the front page of the Greensboro, N. C., Daily News was used recently as a weapon in an 82nd Airborne Division field exercise.

A Task Force Blue company was dug in on Fort Bragg's Gaddy Mountain when a helicopter, trailing a streamer marking it as the enemy Task Force Red's, made a pass over the mountain.

A cloud of white paper fluttered down in its wake. Curious, the defenders walked over and picked up the papers.

They found tear sheets with "BORO DAILY NEWS" at the top. Apparently they were part of the front page of the paper. A story with the headline, "Jump Pay May Fall," caught their eyes.

It quoted a prominent Congressman urging that the troop-

ers' incentive pay be cut, and predicting that it would be by the next Congress. A shorter story reported the death of two soldiers by snakebite during the first day of the exercise.

Both were completely false, products of the imaginative minds of men of the First Loudspeaker and Leaflet Company attached to the Red Task Force.

But the Blues on Gaddy's Mountain had no way of knowing. "He (the Congressman) should come down here and try jumping out of airplanes if he thinks it's so easy," one said.

Another was a doubter. "If that's a real paper why is there only a little piece of it? It's just a propaganda stunt."

All over the mountain top men read, crouching in foxholes and behind weapons. Many of them believed the papers to be real, none was sure.

At the bottom of the hill a Red patrol ran into the company's outposts. Small arms fire crackled. The Blue men dropped the papers and turned to the job at hand. True or not, the stories didn't affect them for the moment.

J. M. JACKSON PROMOTED
Capt. James M. Jackson was recently promoted to his present rank in a ceremony at ARGMA headquarters. Capt. Jackson is Chief, sergeant Missile System, Engineering Section, Maintenance Branch, Field Service Division, ARGMA.



SURF SPREE — Enjoying the cooling effects of the Miami Beach surf as it glides over her ankles is lovely Adrienne Bourbeau.

WHITESBURG DRIVE-IN

LAST TIMES TODAY



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LOUIS JORDAN

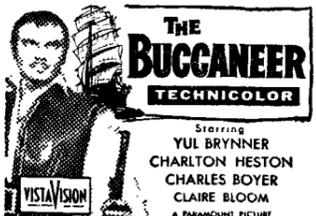
SATURDAY



Plus
"Written on The Wind"

ROCK HUDSON
LAUREN BACALL

SUN., MON., TUES., WED.

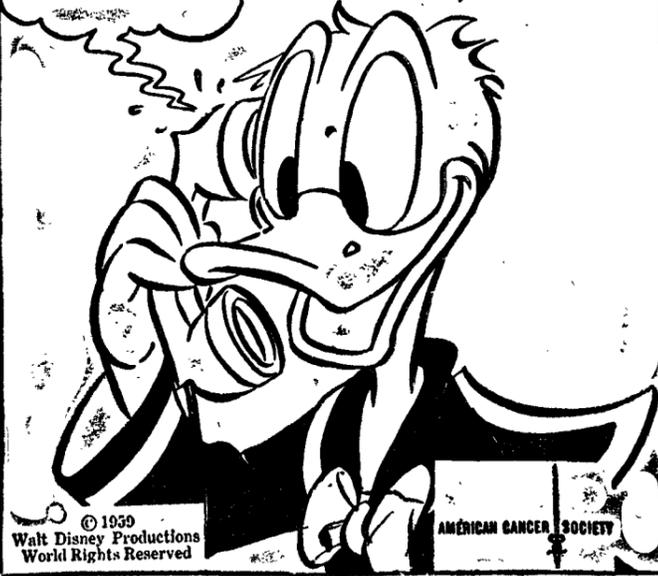


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By Walt Disney

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YOU BET I WILL -- WITH A CHECK-UP AND A HEFTY CHECK!



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AMERICAN CANCER SOCIETY

Movie Schedule

Wednesday, 6 May, "The Curse of the Undead" starring Eric Fleming and Kathleen Crowley. Time 1315, 1745 and 1945.

Thursday and Friday, 7 and 8 May, "Some Like it Hot" starring Marilyn Monroe, Tony Curtis and Jack Lemmon. Time 1315, 1745 and 1945.

Saturday, 9 May, SPECIAL MATINEE, "Gunsight Ridge" starring Joel McCrea and Mark Stevens. Time 1000.

Saturday, 9 May, "The Old Man and the Sea" starring Spencer

LT. RING PROMOTED
First Lieutenant Matthew Ring, Jr., was recently promoted to his present rank in a ceremony at Redstone Arsenal. Lt. Ring is with the Post Signal Office.

Tracy. Time 1745 and 1945.

Sunday and Monday, 10 and 11 May "The Hangman" starring Robert Taylor, Tina Louise and Fess Parker. Time Sunday 1400, 'GIGI' 1445, 1745 and 1945.

Tuesday, 12 May, "Tonka" starring Sal Mineo and Philip Carey. Time 1745 and 1945. No Matinee

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"The Horror of Dracula"

Plus
"The Thing That Couldn't Die"

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JUANITA MOORE · MAHALIA JACKSON

(Editors note: The following article is one in a series on organizations which comprise the membership of the Interservice Committee on Technical Facilities (ISCTF), Southeastern U. S. Chairman of the committee is Charles L. Northrup, Chief of the Systems Test Branch, Test and Evaluation Laboratory, Ordnance Missile Laboratories Division, Army Rocket and Guided Missile Agency.)

Our reactions to the sounds about us are often unconscious, but the information that sound brings to us regulates our actions to a greater extent that is generally realized. A whole different realm of sound, unknown to most people, exists under water—sound that communicates intelligence to specially trained observers using specialized equipment on board our Navy's ships and submarines.

The earliest means of detecting other ships at sea was by listening to underwater sound through a stethoscope-like arrangement in which tubes fastened to water-tight blisters on the hull of the ship below the water line conducted sounds to the ears of the listener. This technique relied entirely on the sounds made by ships themselves as they moved through the water. With the discovery of electricity and the development of electroacoustic devices for generating and receiving sound, it became possible to direct a beam of underwater sound waves through the water and listen for echoes from other ships, underwater obstacles, or the bottom, and the Navy gradually developed special equipment for detecting the approach of other ships and submarines, aiding navigation, signalling from one ship to another, providing information for accurate aim in firing shells and torpedoes, and for other purposes. Essential in all of these applications are an underwater loudspeaker and an

underwater microphone, called by scientists "transducers."

The general term "Sonar" has been applied to most of this equipment. Sonar is a coined word taken from the initial letters in "Sound Navigating And Ranging."

Principal Lab

The Navy has found it necessary to perform most of the required research and development in underwater sound in its own laboratories because commercial interest in the subject is practically nonexistent. But scientific and technical development cannot proceed very far without methods and devices for making precise measurements. The Navy's principal laboratory for these specialized measurements is the U. S. Navy Underwater Sound Reference Laboratory of the Office of Naval Research at Orlando, Fla., commonly called the USRL.

Research and development conducted by the USRL in carrying out its assignment fall into three categories: Methods of measurement and data processing; transducers and acoustic materials; and measuring systems and instrumentation. The Laboratory provides various other services for the Navy, in addition to its research and development activities. It serves as a disinterested party for the evaluation and calibration of experimental, developmental, and preproduction sonar equipment. It keeps a stock of various kinds of measuring equipment and lends this equipment to other naval activities that need it. It maintains close liaison with naval and industrial activities doing sonar research and development, and provides information and advice about methods and equipment.

Enemy ships can also detect the presence of our ships by the noises they make under water. It is therefore important that our ships be as quiet as possible. Special noise-measuring equipment will indicate just how much noise ships make, and will provide a measure of the effectiveness of any attempts to "quiet" our ships. The USRL maintains, for the Navy's Bureau of Ships, a variety of such noise-measuring equipment, and supplies this equipment on loan to the fleet when it is needed.

Complete Facilities

The USRL has the most complete facilities in this country for making underwater sound measurements, and perhaps the most complete facilities in the world. Unique facilities of the USRL include a 9500-gallon tank in

which the temperature of the water may be controlled from near freezing to about 40 degrees centigrade, and pressure may be controlled from atmospheric pressure to 1000 pounds per square inch, which is equivalent to the pressure at an ocean depth of about 2300 feet, or just short of half a mile.

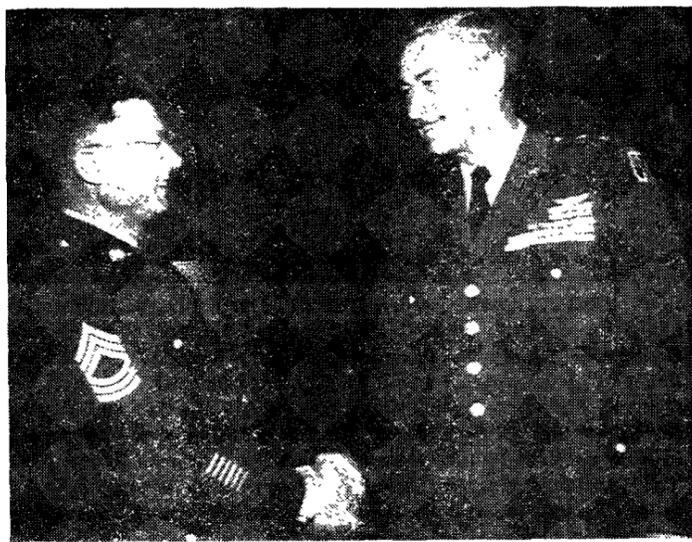
The lining of this tank is an array of special sound-absorbent wedges made of portland cement and sawdust. The wedges reduce echoes and reverberation in the tank to a level that does not interfere with measurements. The tank therefore constitutes an underwater "anechoic" chamber.

Specialized equipment at the USRL permits the calibration of transducers to frequencies as low as 0.3 cycle per second under severe conditions of temperature and static pressure, and a special high-frequency tank permits measurements at frequencies as high as about 2 megacycles per second. This range of frequencies extends from well below the lowest pitch the human ear can hear to about seven octaves above the highest pitch most people can hear. The problem of providing equipment to produce, transmit, receive, and measure sounds throughout this tremendous range makes the troubles of even the most fanatical audio hi-fi addict seem insignificant. Yet, the USRL has succeeded in a remarkable way in satisfying the Navy's requirements throughout most of the range.

New Techniques

The accomplishments of the USRL include the development of several important new calibration techniques. Several new types of standard transducers have been designed and made available to naval activities and industrial contractors having a need for them in sonar development work. Standard transducers and other specialized equipment have been supplied on loan to naval activities and industrial contractors in nearly every state in this country and to activities in many foreign countries.

The Laboratory was established in 1941 by the Bell Telephone Laboratories and the Western Electric Company for the National Defense Research Committee—a World War II government research and development organization. It was operated by the Columbia University Division of War Research from May 1942 to March 1945, at which time it was made a field station of the Naval Research Laboratory. It became an independent laboratory of the Office of Naval Research in



NEW E-8 CONGRATULATED—M/Sgt. Robert F. Jackson (left), sergeant major for Headquarters, AOMC, receives the congratulations of Maj. Gen. J. B. Medaris, AOMC Commanding General, for the sergeant's recent promotion to E-8. Sgt. Jackson was among the first here to receive this rating under the Army's revised system of promoting enlisted men within grade. A veteran of World War II, the sergeant has been awarded the Good Conduct Medal with four bronze loops, the Army Commendation Ribbon, and the Soldier's Medal. He is from Independence, Iowa.

October 1946. Military control of Commandant, Sixth Naval District the USRL is exercised by the triet.

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JOB OF GLOBE-TROTTING ARMY MAPPER INCLUDES ALASKA-TO-IRAN TRIP

SAN FRANCISCO—Outstaring an Alaskan brown bear isn't exactly in the normal line of duty for Sergeant First Class George W. Froberg. Neither is helping to put out forest fires.

But Froberg, a survey supervisor with the 30th Engineer Group (Topographic Survey) here—an outfit organized on Sept. 1 1939, the day Hitler invaded Poland—has done that and more, in his work that has taken him from Alaska to the Middle East, from Japan to Southern California.

The Army and other government agencies have a continual need for accurate, detailed maps, not only of the north slopes of the Brooks Range in Alaska, which until recently was never fully mapped, but even of theoretically known areas, like California. Part of the responsibility for getting data for these maps is that of Froberg's outfit.

A native of Hawaii, Froberg joined the Army in 1945. His civilian job as a surveyor with the Florida State Highway Department tabbed him as a mar. for the Corps of Engineers' map service

and future globe-trotting.

His professional civilian background furnished him with the basic material for his Army work—principles of geometry and trigonometry and methods of triangulation and leveling—but he still had plenty to learn. How well he used his previous background and Army training is indicated by the fact that his present duties include training new men as well as supervising field operations.

Since joining the 30th Group in 1951 he has made five trips to Alaska with the unit, where he became intimately acquainted with Alaskan wildlife. Last year he spent in Iran helping to connect the basic geodetic networks of Turkey, Iraq and Pakistan

through Iran.

While there he also helped to train Iranian technicians in American mapping techniques, a difficult assignment since his Iranian officer-students spoke little or no English.

Then it was back to California to work in the White Mountains area with new American soldiers, duty interrupted by a call from the U.S. Forest Service for him and his men to assist in putting out a large-scale brush fire. While not exactly mapping, Froberg shrugged it off as just another engineer job.

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SAFETY DEMONSTRATION — John Johnson (above) of Advanced Process Engineering Section, Structures and Mechanics Laboratory, ABMA, found out that as program chairman of his safety meetings the best way to provide a program sometimes was to do it yourself. That is just what he did for one meeting and in a unique manner. His subject was "Safe Driving" and his presentation was complete with miniature cars, props, and even sound effects. He was asked by the RSA Safety Division to make his presentation to several other groups, which he has done as his regular work schedule permitted. Johnson holds a Bachelor of Tool Engineering degree from Allied Institute of Technology in Chicago, his hometown. He came to Redstone as a soldier and has continued to work as a civilian after his discharge.

Accident Statistics Show Falls Are Taking Their Toll on Arsenal

(Editor's note: The following article was submitted to The Rocket by the Redstone Arsenal Safety Division.)

A review of accidents statistics for Redstone Arsenal discloses that falls are taking their toll and have caused an increased frequency of disabling injuries.

Two recent accidents reports are prime examples: A female employee walking down steps tripped and toppled forward, striking her head. She suffered a brain concussion. A male employee used a chair on top of a file cabinet to adjust an electric wall fan. When he attempted to climb down, his foot missed the chair and he fell. He suffered a

broken wrist.

Falls haven't been limited to civilian personnel; the two most recent disabling injuries to military personnel came as results of falls. One officer slipped on a rain slick surface and broke his elbow. An enlisted man, hurrying down steps in a laboratory building, fell down approximately nine steps and injured his back.

Every fall does NOT produce a major injury, but every fall COULD.

Falls are one of the chief sources of occupational injury. In theory, falls are wholly preventable; in practice, their elimination is exceedingly difficult because it involves great detail and practically faultless performance of everyone concerned (from the supervisor to the janitor).

A child learns to walk largely through the tumbles he takes. Adults become careless in their walking and working and take their tumbles, too; they fail to keep the hazard of falls sufficiently in mind and do numerous things that produce falls or, more fundamental still, fail to take the proper precautions they should to lessen the chance of falls by themselves or others.

No intelligent person who is jealous of his physical well being would deliberately expose himself unnecessarily to danger, but this is what we do when we carelessly ignore oil spills, tools or materials placed on the floor, or use chairs in place of ladders or scaffolds.

Psychologists tell us "... the fear of falling is a natural instinct in man's nature." It gives

us a helpless feeling when there is a loss of control over balance and equilibrium.

To eliminate the possibility of falls, every employee should examine these six points:

1. Safe surface on which to walk or work.
2. Safe means of access to overhead points.
3. Safe arrangement and design.
4. Safe footwear.
5. Safe practices in walking.
6. Safe housekeeping.

The first four points are obvious as to how they contribute to prevent falls; let us examine the last two: (a) Safe practices in walking - A stair furnishes an excellent example. Falls on stairs despite good stair conditions, yield a continuous stream of injuries. Few people give any thought to safe stair use; consequently, few people use stairs safely. Always use the handrail and never hurry up or down stairs. (b) Housekeeping and order - The importance of individual attention to good housekeeping and order justifies mention here. A very substantial share of falls "on the job" come from simple failure to have "a place for everything" and to keep the work area orderly.

Take care and see to it that YOU are not heading for a fall. Use common sense and watch your step.



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Here are some of the new books ready for circulation:

Dean Acheson, "Power and Diplomacy."

Roy C. Andrews, "All About Strange Beasts of the Past."

Herry C. Ashmore, "An Epitaph for Dixie."

Ray Bergman, "With Fly, Plug and Bait."

Curtis Bishop, "Lank of the Little League."

Dorwin Cartwright, "Group Dynamics, Research and Theory."

Lionel Casson, "The Ancient Mariners."

Warren Chappell, "The Nutcracker."

James Conant, "The American High School Today."

John Flugel, "The Psychology of Clothes."

Frank Gruber, "The Bushwhackers."

John Gunther, "Days to Remember."

Elizabeth Headley, "The Mystery of the Ruby Queens."

Elizabeth Hellman, "Patsy Pat, a Duck's Story."

Roy Honeywell, "Chaplains of the United States Army."

Edmund King, "Other Schools and Ours."

Roland Krug von Nidda, "I Am Anastasia."

David Lavender, "The Trail to Sante Fe."

Alice Marriott, "Scquoyah: Leader of the Cheerokees."

William C. Menninger, "Blueprint for Teen-age Living."

Opal Miner, "The First Book of the Earth."

Ralph Moody, "Kit Carson and the Wild Frontier."

Mystery Writers of America, "Big Time Mysteries."

Homer Newell, "Guide to Rockets, Missiles and Satellites."

David Newell, "Guided to Rockets, Missiles and Satellites."

David Riesman, "The Lonely Crowd."

Franke Rogers, "Tea Kettle and the Hurricane."

Becky Shapiro, "101 Gifts and Novelties Children Can Make All Year Round."

George B. Shaw, "Candida, Caesar and Cleopatra, Pygmalion and Heartbreak House."

Charles Stabler, "How to Read the Financial News."

Elsa Steinman-Brunner, "The Son of the Gondolier."

John Sweeney, "Skin Diving and Exploring Underwater."

Arnold Toynbee, "Study of History."

U. S. Employment Service, "Dictionary of Occupational Titles."

Guernsey Van Riper, "Richard Byrd."

John Vandercook, "Murder in New Guinea."

Catherine Woolley, "The Puppy Who Wanted a Boy."

Rose Wyler, "What Makes It Go?"

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Ben Benson, "The End of Violence."

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Victor Canning, "Oasis Nine."

Joyce Cary, "The Captive and the Free."

John Creasey, "My Brother's Killer."

Robert Dodds, "Two Together."

Harry S. Drago, "Appointment on the Yellowstone."

Vivian E. Fuchs, "Crossing of Anarctica."

Kenneth Gantz, "Not in Solitude."

Thomas Griffith, "Waist-high Culture."

Frank Gruber, "The Bushwhackers."

Francis Gwaltney, "Numbers of Our Days."

Irving R. Levine, "Main Street, U.S.S.R."

Monte Linkletter, "Cricket Smith."

Walter Lippmann, "The Communist World and Ours."

Use your own Post Library. It

Bruce McCandless, "Service Etiquette."

Alistair MacLean, "Secret Ways."

Peter Marshall, "The First Easter."

John S. Mosby, "Memoirs of Colonel John S. Mosby." (Civil War.)

Kiyose Nakae, "Jiu Jitsu."

Frances Winwar, "Haunted Palace."

Garland Roark, "Tales of the Caribbean."

Frank Slaughter, "The Thorn of Arimathea."

Mary Stewart, "Nine Coaches Waiting."

Frank Tilsley, "Mutiny."

Douglass Wallop, "What Has Four Wheels and Flies?"

John R. Wilson, "Means to an End."

Frank Slaughter, "Deadly Lady of Madagascar."

Charles Snow, "The Search."

Ozzie Sweet, "My Camera Pays Off."

Walter Tevis, "The Hustler."

Elleston Trevor, "Pillars of Midnight."

Robin White, "Elephant Hill."

William Wilson, "On the Sunny Side of a One-Way Street."

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GRIM REMINDER OF NARROW VICTORY—The 14th anniversary of Allied victory in Europe in World War II is observed at the Ordnance Guided Missile School by placing a bronze plaque before a captured German-made V-2 missile now standing at headquarters of the "Space Academy" at Redstone Arsenal. Here Col. H. S. Newhall (left), School Commandant, reads the wording: "This World War II missile stands as a grim reminder that never again can we allow any aggressor to outstrip our technological progress." Looking on is one of the new Germany's first missile students, Capt. Johann H. R. Lorenz.

V-2 IS 'GRIM REMINDER' AT OGMS ANNIVERSARY OF WAR II VICTORY

A German-made V-2 rocket was the center of attraction at the Ordnance Guided Missile School today during the 14th anniversary observance of Allied victory in World War II.

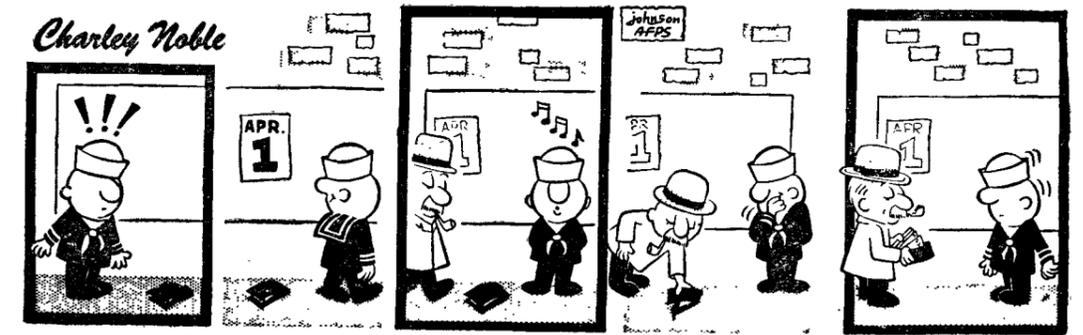
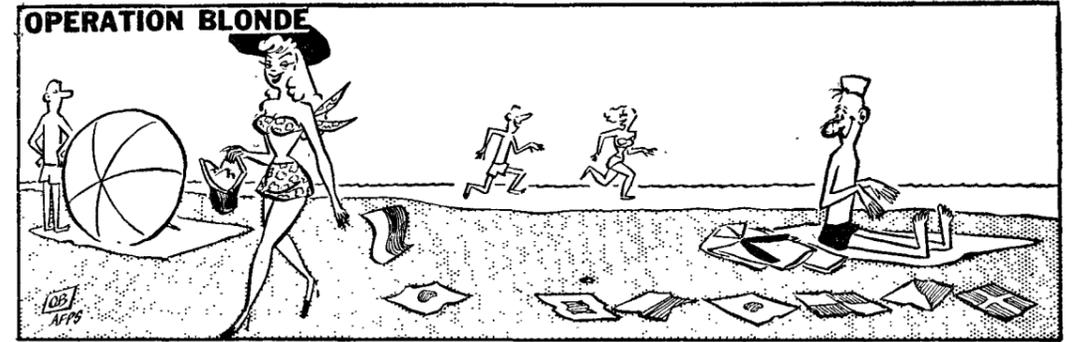
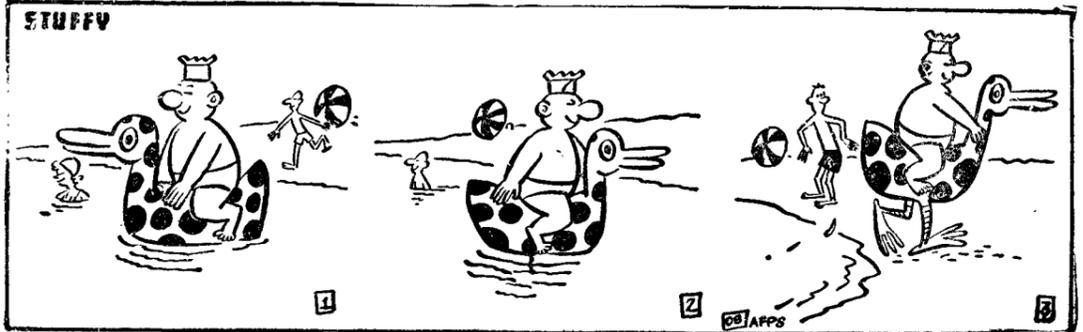
A bronze plaque was unveiled by Col. H. S. Newhall, Missile School Commandant, at the base of the huge white missile that stands in front of the headquarters of the "Space Academy" where Germans now train along with men from 11 countries of the North Atlantic Treaty Organization and all branches of the U. S. Armed Forces.

It reads: "This World War II missile stands as a grim reminder that never again can we allow any aggressor to outstrip our technological progress."

The missile is believed to be

the last of a number that were captured as the Allies liberated Europe. They were hurriedly sent to the U.S. where an urgent research and development program seeking to duplicate them evolved into today's massive rocket and missile effort which has been Redstone Arsenal become the birthplace of the free world's first earth satellite and the first ballistic missiles to be placed in the hands of U. S. troops.

The 15-year-old weapon that rained destruction on Allied cities now is regarded as an antique in the fast-moving space age. Missile School officers salvaged it from test laboratories at Redstone. Now, with a few parts supplied by U. S. manufacturers, it towers 46 feet into the air near



Library Staffers Elected to Offices In State Association

Three members of the library staffs at Redstone Arsenal were elected to office during the Special Conference for Alabama Library Associations in Mobile recently.

Mrs. Cleo Cason, Chief of the Army Rocket and Guided Missile Agency Technical Library, was elected president of the Alabama Chapter of the College, Universities, and Special Libraries Section, and Miss Lois Robertson, Deputy Chief of the Army Ballistic Missile Agency Technical Documents Library, was selected as secretary for this Section.

Mrs. Lucille Ridings was chosen secretary of the State Chapter to the National organization. She is also a member of the Library

Redstone Arsenal's gate No. 1, where thousands daily can read the plaque and personally see the ancestor of all of today's record-shattering space weapons.

staff at ABMA.

Mrs. Jane Bentley, another member of the ABMA staff, is the retiring treasurer for the Special Libraries Section.

Others from the ARGMA Technical Library who attended the conference included: Mrs. Hazel Steese, Mrs. Pat Miller, Mrs. Cleo Cason, Miss Catherine Green, Miss Mary Ellen Mazza, Mrs. Nora Zeman, Mrs. Sarah Whittaker, Mrs. Ethel Etheridge, Mrs. Frances Dickey, and Mrs. Edith Cribbs.

WANTADS GET RESULTS

Rhymes of the Times

PAIN IS FORGOTTEN WHEN IT HAS PASSED WE FORGET BAD THINGS FIRST AND GOOD THINGS LAST. ... APR 27 - APR 30

The Bull Sez:



"Roundup the gang and head for Dale's where you can set 'em up to a round of those luscious steaks."

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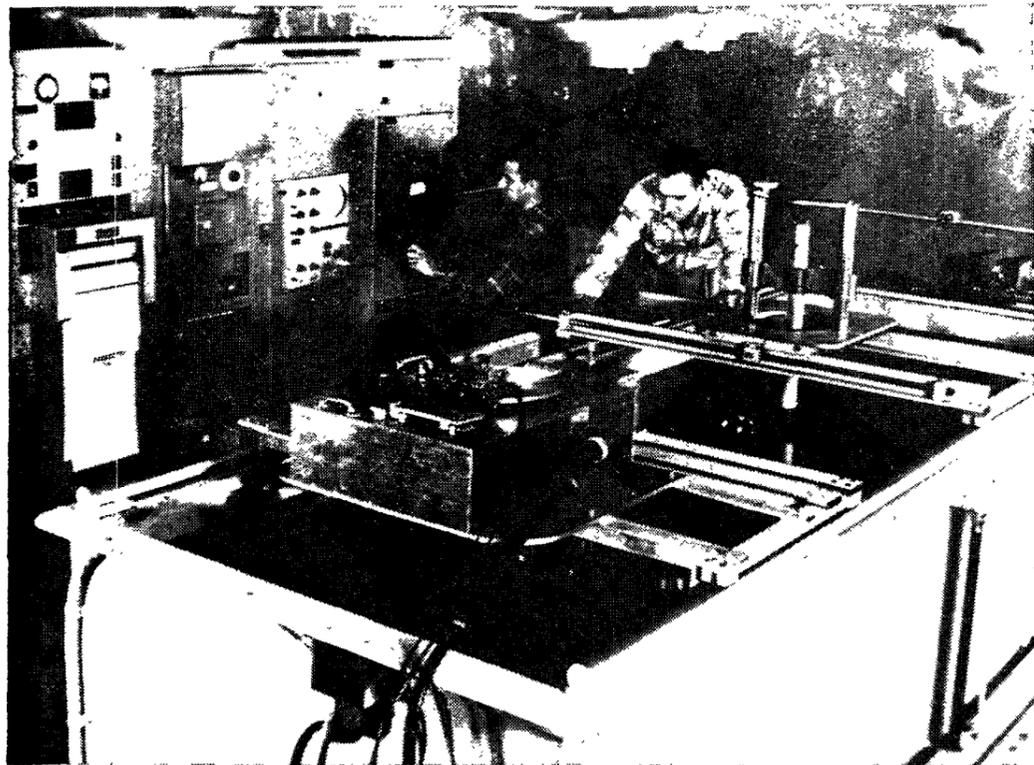
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HIGH-FREQUENCY TANK and associated electronic measuring system at the Navy Underwater Sound Reference Laboratory, Orlando, Fla., are shown above. Measurements are made in this tank on underwater loudspeakers and microphones at frequencies as high as about 2 million cycles per second. The sidewalls, ceiling, and floor of this room are covered with sheet copper "shielding" that prevents high-frequency radio waves from entering the room and interfering with the precise measurements.

WATER TO FLOAT A SHIP

Ever wonder how much water your family uses? Well, the man of the house, depending on how long he lingers in the shower exercising his vocal cords, averages 20 gallons a day. Believe it

or not, a family of three uses enough hot water to float a full sized submarine chaser, the National Association of Home Builders reports. That adds up to between 25,000 and 40,000 gallons, per year.

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Charity Richer By \$168 Because Soldier Prayed

FRANFURT, Germany — Father Louis Haag, an auxiliary priest at the American St. Sebastian Chapel here since 1948, is \$168 richer because a soldier's prayer was answered.

The donation to aid Father Haag in his newly-assigned missionary work in Africa resulted from a lost wallet. In praying for recovery of the wallet, loaded

Soldiers Enjoy Hunting Despite Boars and Mines

TONGGU, Korea — When Soldiers of the First Cavalry Division are not training or guarding a

with irreplaceable papers, the soldier-owner promised to donate all the cash it contained to the missionary fund.

The contribution went to Father Haag via a U.S. Army chaplain, who reported that the donor wished to be anonymous.



portion of the line separating UN and Communist forces, many of them enjoy hunting for pheasant, duck, deer, wild boar, and even bobcat if they are expert trackers.

But though looking only for quail, they must draw a carbine from the unit arms room. Wild boars can be ferocious when surprised.

And though most minefields are marked with triangular red signs, they must always check the mine chart kept by each company commander before they set out.

When Sergeants First Class Harold J. Scoles of (1832 Venice St.) Concord, Calif., and Raimundo Rodriguez of (1909 Water St.) Laredo, Tex., teamed up recently with two South Korean fellow-soldiers for a day's hunting, they encountered a weather and terrain range from sunshine and flat rice paddies to driving snow and rugged hills.

For a dinner not long afterwards they ate roast pheasant, custom-prepared by the mess hall staff.

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Largen Motor Inn, Fayetteville, Tenn., second to none and the price is right. Reverse your call for reservation to Fayetteville HE 3-1542. Single rooms \$3.50, double \$4.00, porter and dining service. 5-13p

NEW AND USED Trailers in good condition, low, down payments. Also Trailer Sales on Memorial Parkway. Call JE 6-7345. 5-6-p

FOR SALE — Level, lakeside lot, 100 x 150 ft. Price \$900.00 Telephone Redstone Arsenal extension 5681 or JE 6-4514. 5-6-p

LEARN TO DRIVE in a Dual controlled car with a professional instructor. We pick you up. Reasonable rates. Satisfaction guaranteed. For full information call JE 6-8895. tfc

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

NOW OPEN — Self service coin operated Brandon Street Laundromat. Open 24 hours a day 6 days a week at 2108½ Brandon St. S. W., next to Hill's Super Market. tfc

LOST MONEY! Search your attic, basement, utility room and garage for that old discarded furniture, appliances, household items or anything of value. We buy, sell or trade for one piece or a thousand. Call or see us to find that lost money. Don't miss our Auction Sale Thursday night at 7 o'clock Warehouse Sales Co., 5013 Governor Drive, phone JE 6-2103 5-13c

LIVE IN ATHENS — Happy neighborhoods ready to occupy. Save \$2,000 to \$3,000 on 3 bedroom brick veneer homes, \$12,500 to \$14,000. Lots \$1,750.00. Athens Real Estate, Athens, Ala., phone 1181. Mahlon Jones or Wayne Jennings. tfc

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WE BUY — SELL OR TRADE—AUCTION HOUSE, W. Holmes St. Furniture sold off the floor each day of the week. Phone JE 6-2241. tfc

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AUCTION SALE—Our next auction sale will be held tomorrow night (Thursday, May 7, at 7:00 p.m. There will be plenty of good used furniture and appliances and other useful items. Prizes given all during sale. (Use your cents to save dollars). Warehouse Sales Co., 5013 Governor Drive, Phone JE 6-2103. tfc

GOVERNMENT EMPLOYEES FINANCE CO.

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LOTS FOR SALE — Suitable for duplex or apartments. Phone JE 2-2652. tfc

HARTSELLE APARTMENTS — One 2-bedroom duplex apartment. Modern, central air conditioning and heating. Unfurnished. 1 block from grade school, 3 blocks from downtown Hartselle. One 3-bedroom duplex apartment, same as above, Call Ray Baker, Hartselle SP-3-7251 Day, SP 3-7286 Night. tfc

FOR YOUR OUTINGS and picnics, come to Street Bluff Fishing Camp and Trailer Park, located next to Redstone Recreation Park on Guntersville Lake. Boats for rent, lake front trailer space for rent by weekends week, or month. All kinds of sandwiches, short orders, fish dinners, and the big Submarine Sandwich available in the cafe. Ben Gilbreath, proprietor. 5-11p

FOR RENT — New 2 bedroom Brick apartments unfurnished. Air conditioned, gas floor furnace, large ceramic tile shower & bath, washer and dryer connections. Located 3906 Thomas Road (3 minutes from Arsenal gate no. 1) \$90 per month. Call 47384 or 28830. tfc

WANTED — Riders to Michigan! Pontiac, will leave approx. May 24. Share expenses. Write or call Arsenal Ext. 2403. Melvin Lamb, 515 Clinton Ave., W., Huntsville, Ala. 1tp

FOR SALE — 1956 MGA, new paint, louvered hood, motor re-worke, wire wheels, radio, heater. Consider trade-in. Lt. Gallagher, ext. 6647 after 5. Ext. 3059 Redstone. 1tp

1958 Biscayne Chevrolet V-8 Powerglide 2-tone radio and heater. 9 months old, 16000 mi. Like new \$1795.00. JE 6-7574 or Ext. 6901. Can be financed. 1tp

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FOR SALE—One bedroom house-trailer in good condition. Price \$1200.00. Phone Redstone Arsenal 6284 during duty hours. 1tp

FOR RENT—Six room house furnished, 3 bedrooms, large backyard. 318 5th Ave. N.W. Decatur. Call ELgin 3-3150 after 7:00 p.m. 1tc

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1958 — 16-ft. plywood boat with windshield, top, seat and bunk cushions and trailer, 40 h. p. Scott motor with starter and generator. \$1250.00. Can be financed. Call G. Downing, Ext. 6901 or after 5 p.m. JE 6-1433. 1tp

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FOR SALE — Model "99" UHF converter for Decatur channel 23 and Huntsville's new channel with antenna, mast and base, used few hours \$35.00. Gladstone, Arsenal Extension 4907. 1.t.p.

FOR SALE — 1 B. R. trailer. exc condition. Equity \$250.00. Bal. \$33.68 monthly. W. J. KRAL, Ext. 5576 or JE 6-3289. 1tp

FOR SALE — Beautiful Boston (Bull) Terrier pups, 5 weeks old. Registered. Champion bloodline. Select yours now. \$50.00. Phone JE 6-1922. 1tp

FOR SALE — '59 mobile home; bargain, six months old; two bedroom; 10' wide; buy equity. W. F. Pont, Mountain View Trailer Park, JE 6003. 5-13p

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COOL-COOL-COOL— Escape the heat by buying this 3 bedroom air conditioned ranch home in exclusive southeast suburban sub-division. Bel Air Heights. Equity sale or refinance. 7703 Martha Dr. JE 6-4375 or Redstone extension 6019, ask for George Sachs. 1tc

FOR RENT — 3 bedroom house. automatic washer, 3 station TV antenna, 3506 Grote St., S.W., Phone JE 4-9332 days. 1tc

FOR SALE— 1956 Volvo Swedish family sports sedan, radio, heater, plastic upholstery, like new, 20,000 miles. \$1695. Phone JE 6-0381. 1tc



FARM TO BEACH — Illinois farm girl Andra Martin seems to have adjusted to more watery locales. She can be seen in the upcoming film "Up Periscope" as James Garner's leading lady.

HOUSE FOR SALE in Guntersville. Six rooms, 2 baths, finished basement, convenient to new school. F.H.A. Loan approved. Call Guntersville Justice 2-3419 after 3:00 p.m. 1tp

FOR SALE — 1956 Volkswagen sedan. Blue with blue upholstery, gasoline gauge, heater. Finish in beautiful condition. Very clean. Asking \$1395.00. Terms. Redstone ext. 5827 or JE 6-4901. 1tp

FOR RENT—House, 3 bedrooms, 1½ baths, TV antenna with rotor—available June 1, 1959. See at 2706 Oakwood Ave., N. W., across from Country Club. Call Redstone Extension 6922 or JE 6-7748. 5-13p

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Ten and one-half beautiful acres bordering on lake and highway—improved with masonry construction concession building 27 feet x 58 feet with modern conveniences.

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Covered boatdock with 24 slips now renting for \$600 per month.

Two hundred fifty feet of open boat dock.
Five completely furnished late model house trailers.
Modern 5 room caretakers residence.
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All improvements in excellent condition. Property has been sub-divided. Will be sold separately and may be regrouped if requested.

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ATHENS, ALA.

S&P Enlisted Advisory Council Established

A Scientific and Professional Enlisted Advisory Council has been established in Det. A, ARGMA, in accordance with letters from the Chief of Ordnance and the Army Ordnance Missile Command.

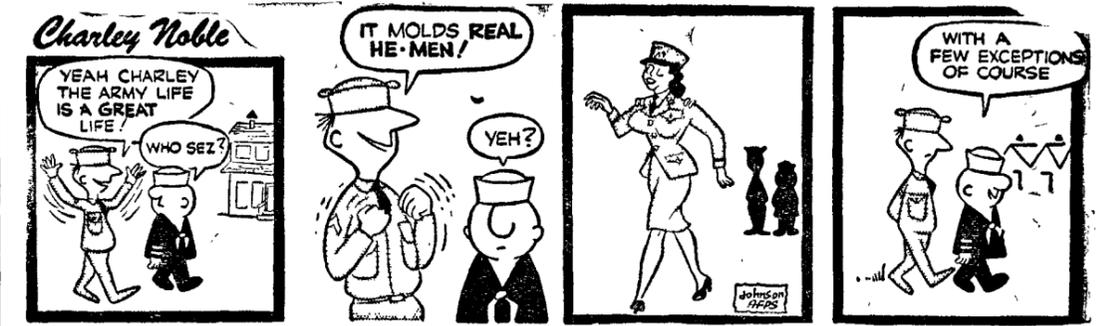
Its purpose is to advise on proper utilization of enlisted personnel with scientific and professional education and background.

The S & P Council will consist of five permanent members, representing the four divisions

of ARGMA: Ordnance Missile Laboratories, Research and Development Division, Field Service Division, and Industrial Division. The latter will have two representatives, due to the large number of men working there.

Upon absence or retirement, permanent members will be replaced by alternate members, elected by popular vote. An NCO, nominated by the council and elected by the council, will serve as its non-voting military adviser.

The permanent council consists of Pfc. Jim Porter from OML, Pfc. Bob Warren from R & D, SP-5 Mike Schulman from



FSD, and Pfc Keith Hansen and Blalock from OML, Pvt. Gary ton and Pfc. Fred Ware from Ind. Pvt. Warren Harbert from Ind. Miller fro R & D. Pvt. Bill Colmer The alternates are Pfc. Bill from FSD, and SP-5 Dennis Min- Julian Hiley as its NCO adviser.

New Soldiers Appreciate Ez-Guerrilla's Instruction

FORT CARSON, Colo.—Army recruits appreciate the value of sound training, given by soldiers who know their business.

Or so it would seem from the case of Master Sergeant Russell E. Thomas of the Training Company here, who has received letters of appreciation from basic trainees after they had moved on to other scenes and assignments from his platoon.

The 15-year Army veteran from (323 N. Seminary St.) Princeton, Ind., served during World War II in Germany, where he stayed as part of the occupation forces until 1951.

His soldiering received a real test in Korea during 14 months with a guerrilla unit of American soldiers and South Korean partisans that harassed the Red forces above the 38th parallel. Secretly headquartered on three small islands in Wonsou harbor, supported by the U. S. Navy and receiving medical care from South Korean physicians and nurses, they averaged a raid a week behind enemy lines.

Rhymes of the Times
 THE GENTLE
 QUIET WORD
 CAN BE STRONGER
 THAN ANY HEARD.
 Age 7-AFPS



AFPS-World
 CHARMING MISS — Posing pertly at Miami Beach, provocative Ann Schraedel brought her own umbrella to hide from prying eyes.

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Handbags make her happy



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All sparkle and zest for her wardrobe, a glow to her eyes . . . gift her with jewelry from our glamorous collection of all that's new and beautiful.

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Such a welcome gift for Mother and the graduates . . . one of our superb handbags in a luxurious leather or fabric, her favorite fashion-right colors.



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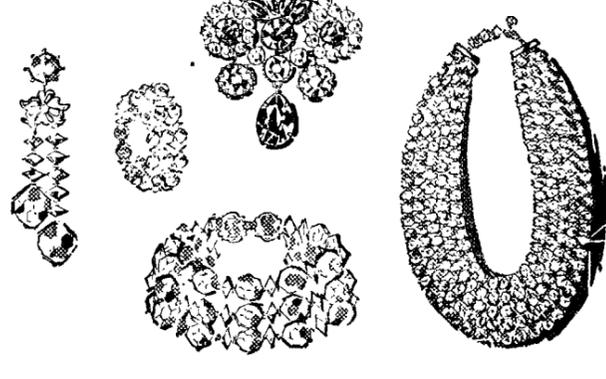
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