

The Redstone Rocket

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

VOL. VII; NO. 9

REDSTONE ARSENAL, HUNTSVILLE, ALABAMA

JULY 2, 1958

On N. M. Ranges

Biggest Missile Shoot Is Staged

The biggest two-day missile shoot in history was held Monday and Tuesday at White Sands Missile Range, N. M., and ranges of Ft. Bliss, Texas, before 500 of the nation's top military and civilian leaders, both from government and private industry.

In Project AMMO, the Army showed off all but its biggest missiles in flight, and described the capabilities of those not fired.

Firings Monday took place across the New Mexico border on

three ranges of the Army's Ft. Bliss Air Defense Center. Tuesday's were at the nearby White Sands Missile Range, a segment of the Army Ordnance Missile Command.

Besides the actual firing, missile displays and briefings were also held.

Both operational missiles and developmental missiles advanced to near production readiness were displayed—on the ground and in (See BIGGEST on Page 3)

'SLOW DOWN AND LIVE'

Campaign to Promote Safe Driving Is on

A campaign to promote safe driving both on and off the installation will be intensified during the forthcoming long weekend beginning July 4th. The "Slow Down and Live" campaign will continue through the Labor Day weekend, according to W. E. Albright, Redstone Arsenal Safety Director.

"Traffic accidents are contributing heavily to the cost of the missile program through both property damage and personnel injuries. A man injured on or off the installation in a traffic acci-

dent is lost to the missile development program," Albright stressed.

Alabama State Police have reported more than 280 traffic deaths on Alabama highways to date this year. State patrols will saturate the more hazardous area with large numbers of patrolmen to enforce safe driving regulations. The City of Huntsville Police Department will be on the alert for possible accident causes and have pledged strict enforcement of traffic laws. (See SLOW DOWN on Page 2)

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10 BASIC TIPS FOR SAFE DRIVING

1. Be thoroughly rested before starting a long drive.
2. Start early. Don't race the clock in traffic.
3. Drive only in daylight hours.
4. Never drive more hours than in your usual workday.
5. Don't drive when emotionally upset.
6. Pull off the road occasionally to relax and check tires.
7. Drive at a speed suitable to existing conditions.
8. Keep small children in special seats with straps.
9. Prevent children from standing on seats or in front of dash panel.
10. Know and obey all traffic laws and courtesy rules, especially in other states.

OGMS Hits Educational 'Apogee' With New Class

The already high educational level of the staff, faculty, and students of the Ordnance Guided Missile School reached a lofty cultural apogee last week with enrollment of two classes with 45 students who have attended 39 universities and collected 40 degrees.

A recent survey conducted by Col. H. S. Newhall, Commandant of the "Space Age Academy," showed that the average educational level of some 3,700 faculty, staff, and students is about two years of college education. Additionally, all students have completed Army courses in electronics, while most of the student officers have attended one or more advanced Ordnance Corps courses.

The two classes which began training last week are composed of "company grade" officers—lieutenants and captains—who will study guided missiles for 20 weeks at the OGMS Officer Training Division.

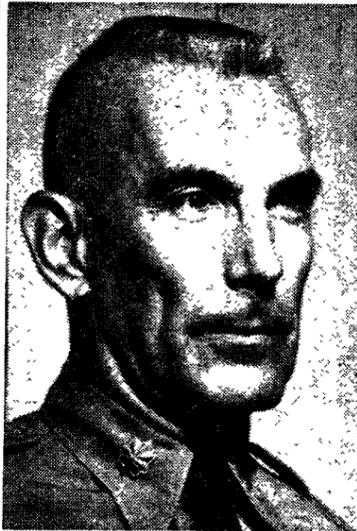
Col. Newhall pointed out that all 45 members of the new classes are Ordnance Corps officers, an indication in itself of the exceptionally high requirements of the branch of the Army that is responsible for developing, providing, and maintaining the fantastic new weapons of the space age.

Five of the new students are graduates of Purdue University, and others range globally from West Point to the University of California at Los Angeles to the

University of Berlin, Germany. Most are graduate engineers in several fields such as electrical and mechanical, and in physics.

Army Will Construct Radio Antenna To Communicate With Space Vehicles

ARPA ALLOCATES FUNDS FOR JOB TO JPL THROUGH MISSILE COMMAND



MAJ. ROBERT A. FULLER

MAJ. FULLER IS ABMA ADJUTANT

Maj. Robert A. Fuller has recently been appointed adjutant of the Army Ballistic Missile Agency, it was announced by Brig. Gen. J. A. Barclay, ABMA Commander.

He succeeds Chief Warrant Officer Earnest A. Brown, who has been assigned to duty in Germany.

Maj. Fuller was formerly Chief of the Plane and Programs Office, Operating Services Office, ABMA.

He entered the Army in 1942. As a civilian, he had been in the sales promotion field in Providence, R. I.

Maj. Fuller was graduated from Norwalk (Conn.) High School and attended Bridgeport (Conn.) Engineering Institute.

Among the medals he is entitled to wear are the Bronze Star and Army Commendation Ribbon. He is married and the father of a daughter, Victoria Mary, 14.

The Active Army, the Army National Guard and the Army Reserve form one Army, not three separate segments which become a whole only when joined together by some emergency.

Roy W. Johnson, director of the Advanced Research Projects Agency, Department of Defense, yesterday announced that the Army has been authorized to proceed with the construction of a radio capable of maintaining communications with space vehicles.

This construction represents an initial step in the development of the ground equipment associated with the lunar probe program previously authorized.

The big 85-foot antenna—similar to the radio telescopes used to find and track radio stars—will be built by the Army's Jet Propulsion Laboratory, Pasadena, Calif., and is expected to be in operation by the end of this year. Initial funds for the multimillion dollar project were allocated

by the Advanced Research Projects Agency of the Department of Defense through the U. S. Army Ordnance Missile Command as part of this country's national space program.

The antenna, to be used in the ARPA-sponsored lunar probe project, will be located at the Goldstone Test Station in the southwest corner of Camp Irwin, Calif.

Camp Irwin was selected as the site for the first antenna because it offered extremely low-background noise levels. Man-made interference such as automobile ignition systems, aircraft radios, power lines and commercial radio and television transmissions must be kept to a minimum.

Scientists at JPL are using the lessons learned from the launchings of the Army EXPLORER satellites in order to provide the base for communication systems that will serve space exploration programs.

Dr. Eberhardt Rechtin, chief of Guidance Research at JPL, said the space communications program can be regarded as an evolutionary development.

"Long-range space communications will begin as a one-way link—from space to earth—in 1958," he said. "The experience gained in tracking and communicating with lunar vehicles at ranges up to 2,500 miles will be utilized in solving the next problem—tracking and communicating with lunar vehicles at ranges up to 250,000 miles."

The California station will consist of an 85-foot diameter tracking antenna (geared with power servos so that it can automatically track the space vehicle), a mount, and a building containing radio receiving equipment, data processing equipment, communications facilities, test and repair facilities, and power and other utilities.

Principal contractors on the project will be the Blaw-Knox Co., Pittsburgh; Collins Radio Co., Cedar Rapids, Ia.; and the Rucker Co., Oakland, Calif.

Quick Action May Have Saved Life of Soldier After Accident Here

(Photo Inside)

Quick action by two Redstone Arsenal soldiers in applying artificial respiration to a third soldier who was knocked unconscious by an electrical charge perhaps saved the man's life, Post Safety officials reported Monday.

Victim of the accident was SP4 Joseph E. Marflak, of Arnold, Pa. His rescuers, who revived him after 10 minutes, were Pfc. Herbert I. Alfree, of Wilmington, Del., and Pfc. Henry A. Frizzell, of Foley, Ala.

Marflak was in the process of servicing a 570-volt cathode ray oscilloscope at the Field Maintenance Division last Thursday afternoon when the accident occurred. At the same time he touched a "live" rectifier, Marflak's body was grounded when he also touched another portion of the machine. The electrical charge knocked him unconscious.

Alfree and Frizzell immediately began applying artificial respiration. (See QUICK on Page 2)

EXPLORER III PLUNGES DOWN

The Army's Explorer III scientific earth satellite apparently plunged to earth over the past weekend.

Maj. Gen. J. B. Medaris, Commanding General of the Army Ordnance Missile Command, said the 31-pound space pioneer had made a "remarkable contribution to scientific knowledge."

As its main scientific mission Explorer III conducted, for the first time, a comprehensive survey of total cosmic ray intensity above the earth with respect to both time and position. This was done by means of a small magnetic tape recorder which collected data during the total orbital period and transmitted it to a single point on earth.

Explorer III was launched in a slightly eccentric orbit, which brought its path closer to the earth than had been anticipated. This shortened the lifetime of the satellite, but greatly increased the scope of its scientific investigation.

At the time of the launching, March 26, the orbit extended out to beyond 1,700 miles, and came to within 117 miles of the earth. Continuous cosmic radiation data was gained in this more than 1,500 mile altitude range.

Gradually, at the rate of several hundred feet a day, the satellite swung closer to the earth.

Both transmitters had ceased to function reliably in early June. (See EXPLORER on Page 2)



TO SEW OR NOT TO SEW, THAT'S THE QUESTION — Mrs. Leslie R. Carlson and Mrs. Eugene C. Pettinger, Redstone Arsenal wives, are a bit confused by the new Army regulation governing the chevrons for the appropriate rank. Sergeant Carlson (left) and Sergeant Pettinger, both instructors attached to the OGMS Signal Electronic Training Detachment, recently received promotions, but under the new Army-wide shuffling of rank, they'll not receive the added stripe. Mesdames Carlson and Pettinger will be saved the trouble of sewing on new stripes, but the "hubby's" paychecks will reflect the increase, and after all, what wife isn't interested in money.

The Redstone Rocket

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

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

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SLOW DOWN

(Continued from Page 1)

Redstone safety officials, who are participating in the national safety campaign, point out that more traffic than ever before will be on the highways the weekend of the 4th. In addition, Friday, Saturday, and Sunday are recognized as the most hazardous traffic days of the week. This plus the fact that many motorists will be on extended trips and will try to cover too many miles in a short period of time adds up to a dangerous situation.

July the 4th, 1958, commemorates the attainment of freedom for a new nation which was obtained at the close of the Revolutionary War. The Revolutionary War claimed the lives of 4,435 American patriots. The eight wars in which Americans have been engaged have taken a total of 1,130,393 lives during the 182-year span. The motor vehicle, in less than 1/3 of the time, has killed more people than all wars combined. From 1900 to 1957 traffic accidents have claimed 1,227,214 lives.

The Safety Office, located at Bldg. 3658, will make available letters, posters, and bumper stickers about the "Slow Down and Live" campaign to individuals and organizations. Further information can be obtained from Albright or the Deputy Safety Director, Henry C. Dyer.

The Safety Offices advises that if you must travel, allow plenty of time for the journey. Plan carefully, take time out for relaxation, and stay alert for those

EXPLORER

(Continued From Page 1)

They fulfilled their lifetime expectancy of about two months.

Explorer III traveled approximately 361,500 miles during its first 24 hours in orbit. The orbital period was 115.76 minutes.

Explorer III was very similar in composition to Explorer I, which was launched on January 31 and became the Free World's first scientific earth satellite. The first satellite, however, did not provide data representative of the total orbit. It carried no storage device, and its continuously-transmitted information was recorded only in the areas of its orbital band which had ground receiving stations.

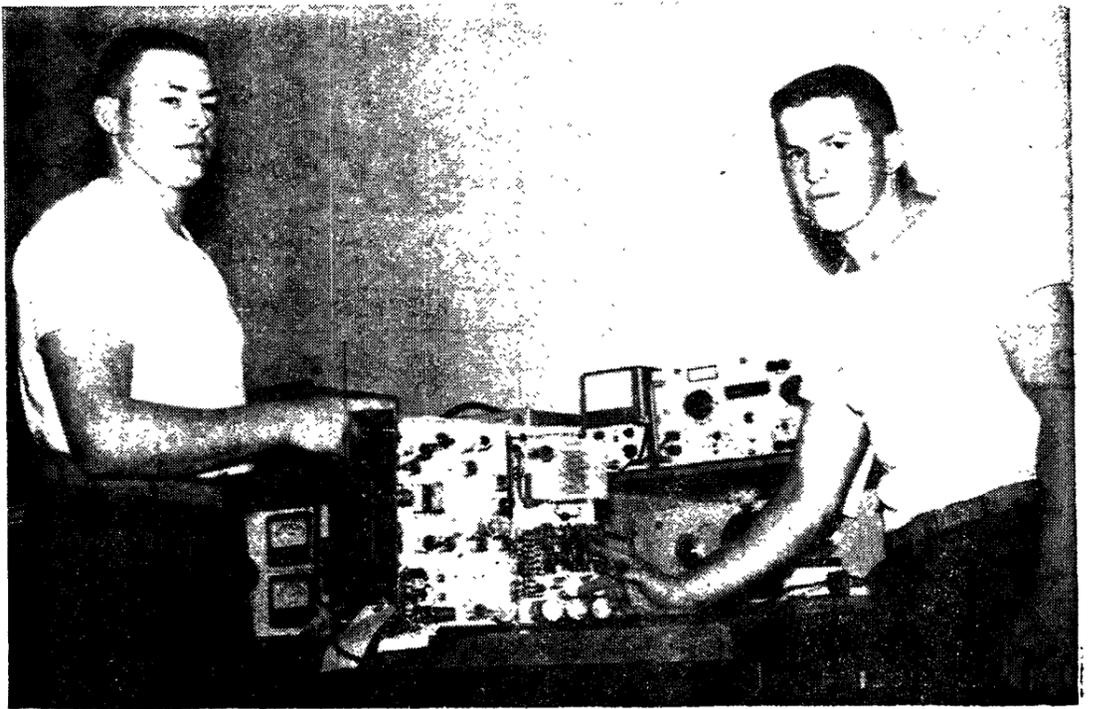
In addition to the cosmic radiation experiments, which were designed by the State University of Iowa Physics Department, the EXPLORERS gathered information on internal and external temperatures and the presence of meteoric particles. The latter two experiments were provided by the Jet Propulsion Laboratory and the Air Force Cambridge Research Center.

Preliminary results from the scientific apparatus, plus data from visual tracking of the two satellites, indicates that:

1. Cosmic radiation at higher altitudes is considerably more intense than had been anticipated.
2. Man can control the temperature within a space vehicle to that easily acceptable for human survival.
3. Atmospheric density encountered by the satellites is several times greater than had been predicted in pre-satellite calculations. The satellites were launched by the Army Ballistic Missile Agency and the Jet Propulsion Laboratory, both of which are segments of the Army Ordnance Missile Command.

conditions which might cause death or injury. In other words, "Slow Down and Live."

Life's Darkest Moment: The day you suffer seasickness and lockjaw at the same time.



RESCUERS POINT OUT HOW ACCIDENT HAPPENED—Pfc. Henry A. Frizzell (left) and Pfc. Herbert I. Alfree point to the portions of a 570-cathode ray oscilloscope with which their fellow-worker, SP3 Joseph E. Marflak, of the RSA Field Maintenance Division, came in contact, causing him to receive an electrical shock which knocked him unconscious. Frizzell and Alfree immediately applied artificial respiration to the injured man, and had revived him within 10 minutes after the accident.

QUICK

(Continued From Page 1)

piration, a Safety Office spokesman said, using the relatively new "back pressure, arm lift" method which both had learned as Boy Scouts. Meanwhile, an ambulance had also been called to the scene, Bl. 3775.

Marflak was released from the Post Hospital several hours later.

Length of Service Pins to Be Awarded Civil Service Workers

The Department of the Army has authorized the issuance of Length of Service awards to all Civil Service employees with more than 10 years service.

The awards are being presented to provide appropriate recognition for long and faithful Federal service.

The lapel emblems will be distributed through the Incentive Awards Committee within the next 90 days.

The following type pins will be presented: for 10 years service, a bronze pin; 20 years, sterling silver pin; 30 years, gold-filled pin; 40 years, solid gold pin with ruby stone; 50 years, solid gold pin with a diamond.

The Executive Secretary of the Incentive Awards Committee has requested that telephone inquiries about the award be held to a minimum. Personnel records are being screened to determine those employees who are now eligible. The distribution will be made without application from employees.

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Army Times Seeking Sales Representative

The Army Times newspaper is seeking to localize and personalize its service at Redstone Arsenal by employing a part-time sales representative here.

The person selected would need a home telephone to check on deliveries, expedite changes of address, and receive new and renewal subscriptions. The newspaper company furnishes a full course of instructions. Compensation is on a liberal commission basis, a company spokesman states.

Applications or inquiries should be addressed to: Circulation Sales Department, The Army Times, 2020 M Street NW, Washington 6, D.C.

after a check-up. It has been the policy of the Electronic Instrument Maintenance Branch of the Field Maintenance Division to have several personnel on duty there who have had training in first aid, since the possible hazards involved are recognized, Safety officials said. Incidentally, a film on how to administer artificial respiration is available at the Safety Office for loan to interested persons on post, Safety officials added. For further information, call Ext. 3385.

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STREET FLOOR TIMES BUILDING

BIGGEST

(Continued From Page 1)

use by Army missile units against targets. Cabinet officials, the Chief of each of the services, top foreign observers, officials of corporations involved in the development or production of missiles for the Army, press representatives, and government officials were gathered for the event.

Among nine scheduled shoots,

the program included the first press demonstration of the Nike-Hercules and the Hawk. Other missiles demonstrated were the Nike-Ajax, Corporal, Talos, Honest John, Little John, Dart, and Lacrosse—all weapons of various sizes with ranges from a mile upward and designed for special purposes.

There were briefings on the Redstone and Sergeant missiles and also on the Explorer scientific earth satellite.

The list of those attending was

28 Make Honor Roll At H'ville U-A Center

Twenty-eight students, among them many personnel from this installation, were named to the Honor Roll for the recently-ended Spring term at the University of Alabama Huntsville Center, it was announced by Center officials. The list is made up

of students completing courses in the Spring quarter and attaining a 2.5 (B-plus) average or better for the last 12 semester hours of college degree work they have taken at the Center. The list follows:

Mark H. Alspaugh, Walter L. Baldwin, Jerry W. Bevil, Jerome Blackman, James M. Busby, Joseph C. Craft, Smith A. Dawson, Robert C. Dean, Milton H. Fried-

man, Nicholas Hedgis, Daniel S. Hunter, Gerald C. Krause, Marie Wynn Lee, Harold R. Lowry, Pete C. Madden, William R. Perry, Edward G. Pyle, Jorge Rivera-Rivera, Robert C. Schoen, Samuel P. Shramko, Alexander Smyklo, Patsy Turvey, David Van Fleet, Raymond Walter, Francis G. Wambeke, John L. Webster, Jack L. Welch, and Truman D. Wright.

Decatur Firm Gets Construction Job Here

The Pearce and Gresham Company of Decatur, Ala., has been awarded a contract amounting to \$198,643 for miscellaneous construction work for the Army Ballistic Missile Agency, according to an announcement made last week by Col. Harold E. Bisbort, U. S. Army District Engineer at Mobile, Ala.

The work to be performed includes paving and mechanical work around the deflector pit at the powerplant test area, the construction of an additional parking area with lighting for 174 vehicles serving the headquarters building, and the provision of facilities for a Jupiter missile crew training site.

Three stabilized launching pads (simulated field conditions) and latrine facilities will be constructed at the launching site, and flood lighting facilities will be provided during other than normal duty hours.

Work under the contract is expected to get started shortly and to be completed before the end of the year.

headed by Secretary Wilbur Brucker; Gen. Nathan Twining, Chairman of the Joint Chiefs of Staff; and Gen. Maxwell Taylor Army Chief of Staff. All told there were 67 generals on the list, aside from foreign officers from the North Atlantic Treaty Organization. Navy, Air Force, and Marine representatives were also on hand.

Retroactive Classified Pay Figures

The table below will give each Classified employe an approximate amount of retroactive pay he will get. This table is based on back pay for 12 pay periods starting last January 12 and through June 28.

The first column shows gross pay which will be due to you before deductions. The figures are correct for the dozen pay periods.

The second column shows net amounts and these figures are approximate. It assumes that 6½ percent will be deducted from each amount for Civil Service retirement, and that is true for the great majority of the 1,021,000 employes who are covered by the Civil Service retirement act. But a smaller number of employes are covered by Social Security and only two percent would be deducted from their checks.

The net figures also assume 18 percent withholding for Federal income taxes which tax experts say is the average. Most agencies will deduct a flat 18 percent for Federal taxes.

No additional life insurance deductions will be taken from your retroactive pay. The classified and postal pay bills make any additional insurance you may be entitled to effective on enactment of the bills into law.

GS-1 Gross	\$124.68	\$129.24	\$133.80	\$138.48	\$143.04	\$147.72	\$152.28
Net	94.08	97.56	101.04	104.52	108.00	111.48	114.96
GS-2 Gross	136.08	140.76	145.44	150.00	154.68	159.24	163.92
Net	102.72	106.20	109.80	113.28	116.76	120.24	123.72
GS-3 Gross	147.60	152.40	156.96	161.52	166.20	170.76	175.44
Net	111.48	114.96	118.56	121.92	125.52	129.00	132.48
GS-4 Gross	156.34	161.52	166.20	170.76	175.44	180.00	184.66
Net	118.80	121.92	125.52	128.88	132.48	135.96	139.44
GS-5 Gross	170.76	177.60	184.56	191.52	198.48	205.32	212.28
Net	128.88	134.16	139.32	144.72	149.76	155.04	160.32
GS-6 Gross	189.24	196.08	203.04	210.00	216.96	223.96	230.76
Net	142.92	148.08	153.36	158.52	163.80	169.08	174.24
GS-7 Gross	210.00	216.96	223.92	230.76	237.72	244.56	251.52
Net	158.52	163.80	169.08	174.24	179.40	184.68	189.96
GS-8 Gross	230.76	237.70	244.56	251.52	258.48	265.32	272.28
Net	174.24	179.40	184.68	189.96	195.12	200.28	205.56
GS-9 Gross	251.52	258.48	265.32	272.28	279.24	286.20	293.16
Net	189.96	195.12	200.40	205.56	210.84	216.12	221.28
GS-10 Gross	272.28	279.24	286.20	293.04	300.00	306.96	313.92
Net	205.68	210.72	216.12	221.16	226.56	231.72	237.00
GS-11 Gross	293.32	306.96	318.48	330.00	341.52	353.04	
Net	223.08	231.72	240.36	249.12	257.88	266.40	
GS-12 Gross	358.16	362.40	373.92	385.44	396.96	408.48	
Net	264.84	273.48	282.24	291.00	299.64	308.28	
GS-13 Gross	415.32	426.96	438.48	450.00	461.52	473.04	
Net	313.68	322.32	330.96	339.72	348.48	357.00	
GS-14 Gross	477.72	489.24	500.76	512.28	523.80	535.32	
Net	360.60	369.36	378.00	386.76	395.40	404.16	
GS-15 Gross	535.32	549.24	563.04	576.96	590.76		
Net	404.28	414.72	425.16	435.60	446.04		
GS-16 Gross	595.38	606.92	618.46	629.99	641.52		
Net	449.51	458.22	466.93	475.64	484.35		
GS-17 Gross	464.15	667.69	669.23	680.76	692.30		
Net	487.84	496.55	505.26	513.97	522.68		
GS-18 Gross	692.30						
Net	522.68						

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TROOP 53 GIRLS EARNING CURVED BAR RANK — With their parents, left to right, are: Kit Seigler, Col. Thomas J. Seigler, Jr., Jeri Prewett, Mrs. James F. Prewett, Kay Heath, Col. Calvin A. Heath, Barbara Hahn, Maj. William R. Hahn, Ann Datre, Lt. Col. Eugene B. Datre, Marilyn Dakin, Maj. Myron H. Dakin, Sandra Brown, Mrs. Ernest A. Brown.



TROOP 141—Left to right, back row: Ginger Stensby, Anita Paton, Janet Parker, Linda Brown, Roberta Dunn, Sara Napper, Kathy Anderson. Second row: Nancy Shircliffe, Mary Lou Selfe, Jane Kinch, Claudia Wentzel, Theta Young, Patty Cogswell, Daphne Ketteringham. Third row: Patricia Watson, Valeria Black, Diane Lehtonen, Karen Waugh, Nancy Berry, Loris Roby. Absent when picture was taken: Sharon Whalen, Patty Hoffman and Linda Amos.



TROOP 140—Left to right, back row: Mrs. Brian Montgomery, Mrs. Herbert Mansfield, Mrs. Samuel Spencer. Second row: Betty McGinnis, Susan Daniel, Susan O'Keefe, Charlotte Montgomery, Kathryn Woodward, Susan McGraw, Virginia Wynn, Patricia Dawson. First row: Susan Adamson, Carol Clanton, Elizabeth Johnson, Cynthia Longbottom, Eileen McBride, Jonet Spencer, Ann Clark, Sandra Gotham, Kathy Willard. Absent when picture was taken: Katherine Reiter and Jayne McDuffey.

**At Festival
ARSENAL GIRL
SCOUTS HOLD
AWARDS COURT**

The Girl Scouts on Redstone Arsenal recently held their Spring Court of Awards in the Post Junior Chapel. Three troops participated: the Brownie Fly-up Troop 140, and the two Intermediate Girl Scout Troops, 141 and 53.

The opening flag ceremony was led by Ann Datre, with Kay Heath and Marilyn Dakin as color bearers, and Sandra Brown and Barbara Hahn as color guards. After a welcome by Mrs. William Hahn, Col. Duncan Hallock, chairman of the Scouting Committee at Redstone Arsenal, was introduced. He commended the girls on their successful year of Scouting and encouraged them to keep up the good work.

The girls in Brownie Troop 140 had passed all of their Tenderfoot requirements and had their "Fly-up Ceremony" into Girl Scouting at this time. Awards of

Brownie Wings, World Pins and Traveling Records were also given. The 19 girls, pinned for the first time with the Girl Scout Pin, by their leaders, Mrs. Herbert Mansfield, Mrs. Samuel Spencer, and Mrs. Brian Montgomery, were: Susan Adamson, Carol Clanton, Ann Clark, Susan Daniel, Patricia Dawson, Sandra Gotham, Elizabeth Johnson, Cynthia Longbottom, Eileen McBride, Jayne McDuffey, Susan McGraw, Betty McGinnis, Charlotte Montgomery, Susan O'Keefe, Kathryn Reiter, Janet Spencer, Mary Catherine Willard, Kathryn Woodward, and Virginia Wynn.

The girls in Troop 141 received their Second Class Badges. These were awarded by Mrs. R. S. Kinch and Mrs. Charles Berry. The girls who earned their Second Class rank were: Linda Amos, Kathy Anderson, Nancy Berry, Valerie Black, Linda Brown, Patty Cogswell, Roberta Dunn, Patty Hoffman, Daphne Ketteringham, Jane Kinch, Diane Lehtonen, Sara Napper, Janet Parker, Anita Paton, Loris Roby, Mary Lou Selfe, Nancy Shircliffe, Ginger Stensby, Patricia Watson, Karen Waugh, Claudia Wentzel, Sharon Whalen, and Theta Young.



APPRECIATION—Kit Seigler presents Lt. Col. Eugene B. Datre with a Certificate of Appreciation for teaching Junior Red Cross First Aid Course to Troop 53. At left is Mrs. William Hahn.

* * *

Lt. Col. Datre, who had instructed the girls in Troop 53 in a Red Cross First Aid Course, presented them with their Certificates of Achievements. Kit Seigler then gave Col. Datre a certificate of appreciation from Troop 53.

Individual Merit Badge awards were presented to the girls of Troop 53 by Mrs. William Hahn, Mrs. Thomas Seigler, and Mrs.

* * *

James Prewett. The following girls received awards: Vivian Arnold, Pamela Ash, Sandra Brown, Carolyn Burns, Penny Collings, Katherine Conner, Marilyn Dakin, Suzanne Dakin, Ann Datre, Susan Datre, Cheryl Diggs, Darlene Gatwood, Becky Gilbert, Diana Graham, Barbara Hahn, Kay Heath, Jeanne Johnson, Carol Lehtonen, Sheila Michaels, Barbara Mullane, Jeri Prewett, Suzanna Sands, Kit Seigler and Vicki

Zierdt. Seven girls in Troop 53 achieved the rank of Curved Bar; Sandra Brown, Marilyn Dakin, Ann Datre, Barbara Hahn, Kay Heath, Jeri Prewett, and Kit Seigler. This is the highest rank in Intermediate Girl Scouting. Col. Duncan Hallock introduced these girls and their parents. He presented the Curved Bar Pins to the parents, who in turn presented them to their daughters. The program was closed with the singing of Taps.

The singing during the program was led by two of the Senior Girl Scouts, Dianne Parker and Fran Mullane.

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'REBEL GENERAL'—Col. H. E. von Kaenel, Director of the Training Division, ABMA, receives a certificate commissioning him "General" in the "Rebel Army" from Lt. Col. G. H. McBride, deputy director of the Division. Seated, from left to right, are Brig. Gen. J. A. Barclay, ABMA Commander; Mrs. von Kaenel; and Col. T. T. Paul, Jr., ABMA Deputy Commander. The certificate was presented to Col. von Kaenel during a farewell party held in his honor last week. The Colonel will leave the Arsenal this month for reassignment to Ft. Sill, Okla.

Three Post Employees Elected By Huntsville Toastmistress Club

Three Arsenal employees were among the officers recently elected by the Huntsville Toastmistress Club. Mrs. Gervaise L. Wyss, a man-

agement analysis officer in Control Office, ABMA, and Mrs. Wiley Durden, a procurement analyst in Industrial Division, ABMA, were elected president and vice-president, respectively. Miss Dolie Wiggington, a technical writer in Field Service Division, ARGMA, will serve as secretary. Mrs. Bob Darnell, treasurer-elect, is the wife of Maj. Bob Darnell,

British liaison officer.

New officers will be installed at a dinner meeting at Morrison's Restaurant tonight, by Mrs. Edith Gibbs, Chief, Data Processing Applications Branch, Field Service Division, ARGMA, who served as temporary president during the organization of the group.

Mrs. Wyss, who had been employed in a similar position in the RSA Comptroller's Office since March, 1952, has been with ABMA since January, 1956, when she was assigned to a team assisting in the activation of ABMA.

Mrs. Durden was employed as a procurement analyst in the Industrial Division, Redstone Arsenal, in November, 1953, and transferred to her present position in June, 1957.

Miss Wiggington, a former technical instructor at Shepherd Air Force Base, Wichita Falls, Texas, came to ARGMA in her present position in March, 1957.

The Huntsville Toastmistress

No Bridge Group Meet Scheduled For Tomorrow

The Redstone Arsenal Officers Wives Party Bridge Group will not meet tomorrow. Regular weekly competition will begin again on July 10.

All members of the Officers Wives Club are invited to participate in this activity. For details, call Mrs. A. E. Dean, Ext. 8445, who is in charge of reservations and cancellations for the month of July.

Club was chartered in October, 1957. Membership is open to all women in the community who are interested in public speaking, group leadership, and community service. Visitors are welcome to attend meetings which are held the first and third Wednesday of each month. Reservations may be made with Mrs. Stan Houck, JE 6-7755.

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Rhymes of the Times



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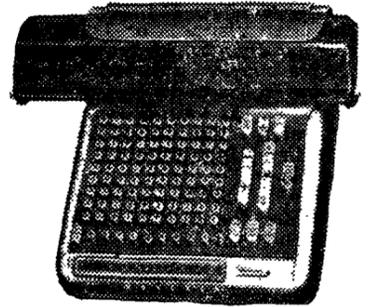
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At the Service Club

Here I go again with a volume of news for you; so hang on and listen - - -

WHAT: Junior Hostess Meeting.

WHEN: July 3, 1958, at 7 p. m.

WHERE: Rocket Service Club.

WHY: This is the regular monthly meeting, however, it is not just another meeting—it is an important meeting. Such items as the qualifications of the "Junior Hostess of the Year," who will be presented at the Christmas Ball are on the agenda.

Whenever several people start doing the same thing at the same time, there's liable to be quite an uproar—even if a great many of them aren't playing cards. In this case, a great many of them are. There is more peace and contentment at a tied, last inning, bases loaded, baseball game than there is in the Service Club when our champions play a duplicate bridge tournament.

When a person, who is not an enthusiast, first encounters such an event he might become alarmed at such an occurrence, but after a short time he discovers that it is "just another bridge game." Nevertheless, there has been so much enthusiasm at the duplicate bridge tournaments that another one has been planned for Thursday night, July 3, at 7 o'clock. All bridge players are urged to participate in the tournaments.

Winners of the tournament last week were: Bernard Weiners, Frank Sellers, Barry David, and Dick Morimoro.

Say, you had better call in reservations for the Fourth of July Patio Picnic on Friday night; buffet dinner will be served on the breezy patio and then you can enjoy cards, ping pong, chess, TV, shuffle board, or dancing. Drop by the office or call and make

reservations today.

Keep this under your hat, fellows, but we are going to have a dance July 11 and the Birmingham hostesses will be our guests. Music, by the "Paragons," will start at 8 and end at 12.

Tired? Hot? Disgusted? Provoked? There is nothing like a happy life to make people healthy, wealthy, and wise, so the best excuse in the world for joining in the recreational activities of the club is that, aside from being fun, it is also good for you.

COFFEE CALL every night at 9 o'clock. The Bridge Club meets every Tuesday night at 7 o'clock. Bernard Weiner is promoter of this club. The Chess Club meets every Thursday night at 7 p. m. Mike Schulman is promoter of this club. Incidentally, the Chess team is getting all polished up for the "Big Days," and the "Big Days" are on July 12 and 13. The Fort McClellan team has been challenged for July 12 at 1 n. m., and they will be week-end guests. THEN on July 13, Tom Wiswell, world champion checker and exhibition chess player, will play an exhibition game with the teams. We are indeed fortunate in getting Mr. Wiswell for this occasion. He will be quite a challenge to the teams. Hope there is room for all non-participants to watch the game.

A new dance class, for beginners and advanced beginners, will begin on July 16. Make reservations now, because the class is about filled to capacity. The Beginner's class starts at 7:30 p. m. and the advanced class starts at 8:30 p. m.

Under the B-1; Under the I-21; Under the N-(Free); Under Sunday and Monday, 6 and 7 July, "Gunman's Walk" starring Tab Hunter, Van Heflin and Kath-



SAFETY REMINDER FOR THE FOURTH—Reminding all Arsenal drivers to be especially careful on the highways during the Fourth of July holiday weekend is this pretty young lady, Mrs. Martha Morgan, of the Nike Branch, Procurement Section, ARGMA Industrial Division. "Slow Down and Live" says the slogan she's sticking on the car. Mighty good advice, says the Post Safety Office. (Photo by Tom Thrasher.)

Special Services Activities

Post Gymnasium Operating Hours
Monday thru Friday 1400-2200.
Saturday, Sunday and Holidays—Closed.

Craft Shop Operating Hours
Monday and Tuesday—Closed.
Wednesday thru Friday 1400-1630 and 1730-2200.
Saturday 0800-1630.
Sunday 1230-1930

Golf Driving Range and Archery Range Operating Hours
Monday thru Friday 1400-2100.
Saturday 1300-1900.
Sunday and Holidays 1400-1900.

LIBRARY OPERATING HOURS
Monday thru Friday 1100-2200.
Saturday and Holidays 1000-2200.
Sunday 1200-2200.

Post Service Club Operating Hours
Monday thru Friday 1600-2200.
Saturday 1000-2200.
Sunday and Holidays 0900-2200.

Post Swimming Pool
Monday thru Saturday 1000 - 2000.
Sunday 1200-2200.

Odd days of the month are reserved for Enlisted personnel, their families, and guests. Even days of the month are reserved for Officers, their families and guests.

And then there was the student who was so dumb he thought a logarithm was a lumber song.

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ryn Grant. Time Sunday, 1400, 1830 and 2030. Time Monday, 1315, 1830 and 2030.

Tuesday, 8 July, "The Fly" starring Vincent Price, Herbert Marshall, and Patricia Owens. Time 1830 and 2030.

A sweater once was male attire
And allowed an athlete to perspire.
But now it's worn by maidens fair—
Perspiring's done by those who stare.

Mary: "Why do you call him

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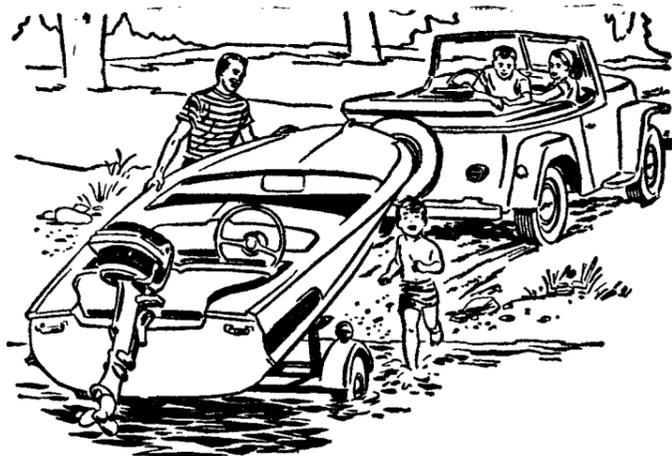
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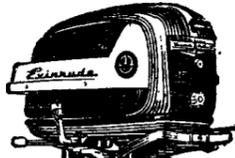
your hydramatic husband?"
Dolores: Because he's shiftless."

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HUNTSVILLE, ALA.

Pistol Shooters Win 26 Prizes in Meet

At the annual Tennessee State Pistol Matches held at Nashville on 21-22 June, members of the Redstone Arsenal Pistol Team came away with 26 prizes. Competition was keen with shooters from the U. S. Army Pacific, Sixth Army, Ft. Knox, Ft. Campbell as well as civilian and police clubs.

M/Sgt. Fred Mill, OGMS, was high scorer for the team with 2553 out of a possible 2600. He was winner of the 22 caliber Timed Fire Match with a score of 200 out of 200. He was runner-up on the 45 caliber National Match Course.

Capt. Luther G. Walker, OGMS, won a trophy in the Expert Class as did Sfc. Robert Perry, OGMS. Sp3 Fred Newton, OGMS, firing in the Sharpshooter Class, placed in 12 out of 15 matches to win 1st Sharpshooter in the grand aggregate. Sgt. Jose Gonzales, ABMA, placed in the Sharpshooter class, and Sp3 Don Watkins, U. S. Army Garrison placed in 5 matches to take 1st Sharpshooter in the 22 caliber aggregate. Lt. Roger Burrows, ARGMA placed in 4 matches in the Sharpshooter Class.



DOUBLE AWARD—Two awards presented last week by Brig. Gen. J. A. Barclay (center), ABMA Commander, were even more significant than usual—to everybody concerned. First, Gen. Barclay presented a Certificate of Achievement to Lt. Ivan Prince—who was formerly the general's aide. Then he presented a Sustained Superior Performance Award, with cash award of \$200, to the then Miss Doris Smith—who was married to Lt. Prince a few days later (Saturday, June 28) at the Redstone Post Chapel. The lieutenant recently finished a course at the Ordnance Guided Missile School at Redstone, and will leave soon for a new assignment in Italy—accompanied by his new bride. Mrs. Prince, who has been employed in the Missile Agency's Jupiter Project Office, is the daughter of Mr. and Mrs. Lewis M. Smith of New Hope, Ala. Lt. Prince's parents are Mr. and Mrs. Ivan Prince, Sr., of Baton Rouge, La.

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THURSDAY & FRIDAY

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STARRING BARBARA STANNYCK AND JOEL MACREA
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Diamond Safari
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ALAN LADD VIRGINIA MAYO EDMOND O'BRIEN
THE BIG LAND
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A JAGUAR PRODUCTION - PRESENTED BY WARNER BROS.

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PARAMOUNT PRESENTS
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SCREENPLAY BY EVERETT FREEMAN
BASED UPON A NOVEL BY HERMAN WOUK
PRODUCED BY WALTER SPERLING
DIRECTED BY IRVING RAPPER

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Rock, Pretty Baby!
STARRING SAL MINED · JOHN SAXON · LUANA PATTEN
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A UNIVERSAL-INTERNATIONAL PICTURE

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CINEMASCOPE · TECHNICOLOR
4 Girls in Town
STARRING GEORGE NADEAU · JULIE ADAMS · MARIANNE COOK · ELSA MARTINELLI · GIA SCALA · SYDNEY CHAPLIN · GRANT WILLIAMS
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"DRAGON WELLS MASSACRE"

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"WARRIORS"
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"Marjorie Morningstar"
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STARRING GENE KELLY NATALIE WOOD
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TREVOR WYNN SLOANE MARTY CAROLYN WITH GEORGE TOBIAS MILNER JONES
SCREENPLAY BY EVERETT FREEMAN
BASED UPON A NOVEL BY HERMAN WOUK
PRODUCED BY WALTER SPERLING
DIRECTED BY IRVING RAPPER

Movie Schedule

Wednesday, 2 July, "Desert Hell" starring Brian Keith, Barbara Hale, Richard Denning and Johnny Desmond. Time 1315, 1830 and 2030.

Thursday and Friday, 3 and 4 July, "Rock - A Bye Baby" starring Connie Stevens, Marilyn Maxwell. Time 1315, 1830 and 2030.

Saturday, 5 July, "Rouges of Sherwood Forest" starring John Derek, Diana Lynn, Alan Hale and George Macready. Time 1000 hrs.

Saturday, 5 July, "Seven Hills of Rome" starring Mario Lanza, Renato Rascel, Marisa Allasio and Peggy Castle. Time 1830 and 2030.

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Buried sky-high in a mountain of ice!
HIGH HELL
starring JOHN DEREK
ELAINE STEWART
A PARAMOUNT RELEASE

Safety Scoreboard

(As of 30 June)

Days since last civilian disabling injury—16.	
Our Goal	30
Days since last military disabling injury—11.	
Our goal	33
Days since last contractor personnel disabling injury—13.	
Our Goal	100
Days since last government vehicle accident—5.	
Our Goal	30

SPORTS QUIZ

- Which teams participated in the first intercollegiate football game, and in what year?
- Name the two additions to the Baseball Hall of Fame during July 1957, and the teams they were associated with.
- When did the greatest mile race of all time take place?
- What is the world's standing high jump mark?
- What are the positions on an ice hockey team?

the G-41; Under the O-75; "B-I-N-G-O," every Monday night in the Service Club Lounge at 8 o'clock.

— FANCES

Rhymes of the Times



- (Answer to Sports Quiz)
- Princeton and Rutgers at New Brunswick, N. J., on Nov. 6, 1869. Rutgers won, 6 to 4.
 - Sam (Wahoo) Crawford, outfielder for Cincinnati and Detroit and Joe McCarthy, former manager of the Chicago Cubs, Boston Red Sox and the New York Yankees.
 - At White City stadium in London, England, on July 19, 1957, when for the first time in history, four contestants in the same race ran the distance in less than four minutes.
 - Yolando Belas of Rumania flipped over the bar at 5 feet 10 inches, at Bucharest, in June 1950.
 - Goal, defense, defense, center, wing, wing.

LYRIC THEATRE

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WED., - THUR., - FRI.

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THE CHANGELING!
BEAN JAGGER · DAVID LADD
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AN 'ARMLoad' OF STRIPES — But they're few and far between—promotions to master sergeant, that is. Only half a dozen or so soldiers make it at Redstone Arsenal each year. Shown above is one who did—M-Sgt. James C. Moag, recently promoted from sergeant first class. Moag is first sergeant of Hq. and Hq. Det., U. S. Army Garrison, Redstone Arsenal. Offering congratulations are Col. Keith T. O'Keefe (right), Redstone Arsenal Post Commander, and Capt. John P. Dabravalskas, commanding officer of Sgt. Moag's unit.

Daffynitions: Perfectionist — gives them to other people.
 one who takes great pains and

Rhymes of the Times



ONE OF THE ERRORS THAT ONE CAN MAKE IS TO DWELL TOO LONG ON A PAST MISTAKE
Agony
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<p>50 hp The revolutionary <i>Starflite</i> V-4 70.7 cu. in. piston displacement—Sound-sealed quiet, amazing new smoothness. Every advanced feature.</p>	<p>50 hp The mighty <i>Four-Fifty</i> V-4 V-4 power. Sound-sealed quiet. Remarkably easy starting. Revolutionary V-4 performance at moderate cost.</p>	
<p>35 hp Brilliant new <i>Fark</i> America's largest selling deluxe outboard motor. Starflite styling and quiet. The finest in its power class.</p>	<p>35 hp <i>Big Twin</i> Electric Masterful power. Key-turn starting. Most popular high-performance model in outboard history.</p>	<p>35 hp <i>Big Twin</i> Standard The economical big power buy in outboards. Cruis-throttle fuel saver. Amazing starting ease.</p>
<p>18 hp <i>Fastwin</i> Electric High compression power plant, packed with performance. Whisper Quiet Key-turn electric starting.</p>	<p>18 hp <i>Fastwin</i> Standard Versatile, inexpensive power Muscles—full of fun for family boating.</p>	<p>10 hp <i>Sportwin</i> Now trimmer, handier than ever. Planes husky fishing boats. A sweet, smooth troller</p>
<p>7 1/2 hp <i>Fleetwin</i> Wonderfully quiet and smooth Top stater in its power class.</p>	<p>5 1/2 hp <i>Fisherman</i> Smallest model with Whispering Power and big motor features. A real fishing pal.</p>	<p>3 hp <i>Lightwin</i> 33 pounds light. Famed "Fisherman Drive" keeps you going in mere inches of water.</p>

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AOMC Field Office

Set in Sunnyvale, Calif.

The Army Ordnance Missile Command has established a Field Office at Sunnyvale, California, it was announced last week by Maj. Gen. J. B. Medaris, Commanding General.

The new office, which opened yesterday, is located at the Lockheed Missile Systems Division. AOMC has a West Coast Field Office also at 55 South Grand Ave., Pasadena.

"The new office will assure rapid and continuous exchange of technical information between the several agencies of the Missile Command and personnel who are developing the Navy's Polaris Missile System," Gen. Medaris state.

He pointed out the Army is working on large, solid propellant rocket projects and large ballistic missiles. Both services will benefit from the exchange of technical details, he said.

Capt. John G. Jones has been appointed chief of the new office, with the following business address: AOMC Field Office/Sunnyvale; c/o INSORD, LAC Missile Systems Div., P. O. Box 504, Sunnyvale. Lt. Col. Glenn Crane heads the Pasadena office.

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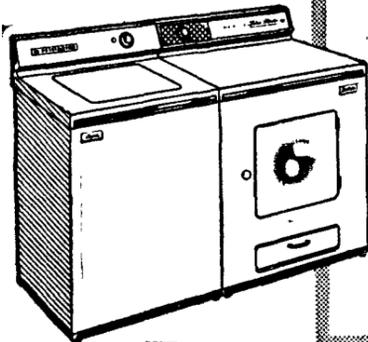
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REDSTONE SOLDIER OF MONTH FETED—SP3 Richard C. Wilson, Jr., recently named Redstone Arsenal Post Soldier of the Month, registers with his wife, Linda Sue (right), for a weekend of relaxing "on the house" in a Russel Erskine Hotel suite. Shown signing in the Wilsons are Mrs. James E. Taylor, reservation director, and Mrs. Jerry Campbell, desk clerk. The couple was also afforded free use of an automobile by Hill Chevrolet Co., as part of arrangements handled by the Huntsville Chamber of Commerce and the Huntsville Rotary Club for honoring the Soldier of the Month. A native of California Junction, Iowa, Wilson is a traffic patrolman with the Arsenal's Provost Marshall Office.



PERSONNEL ADMINISTRATION OFFICERS — W. R. Shoemaker (right), of the Huntsville Operations Branch of Chrysler Missile Division, was recently installed as president of the Society for Personnel Administration, Huntsville Chapter. Mrs. Grechen Anderson (left) was installed as Secretary at the Chapter's dinner meeting at the Huntsville Country Club. R. F. Mello (center), AOMC Civilian Personnel Director, is the outgoing president.

Contracts Totaling \$1 Million for Work At Arsenal Are Made

Contracts totalling almost one million dollars were made for construction work at Redstone Arsenal by Army Engineers in Mo-

bile last week. A contract for \$861,391.75 was awarded to the Whaley Company, Inc., Birmingham, Ala., for an engineering service rebuild facility for the use of industrial firms engaged in contract work for the Army Ballistic Missile Agency. A contract for 113,492.00 for additions and alterations to the

W. R. Shoemaker Heads Huntsville Personnel Administration Society

W. R. Shoemaker, Branch Manager, Personnel and Administration for Chrysler Corporation Missile Division's Huntsville Operations, was installed as president of the Huntsville Chapter of the Society for Personnel Administration at a recent dinner meeting at the Huntsville Country

Post Signal Building housing the main telephone exchange was awarded to Jones Coal Company, Decatur, Ala.

Work on the addition will be started in July and completed by the end of November 1958, Col. Brisport said.

You can tell a married woman by the ring on her finger. But you can't tell her much.

Confucius probably say: "Who say I say all the things I say?"

Club. Other officers installed were Stuart H. Jones, AOMC, vice-president; Mrs. Grechen Anderson, Brown Engineering Co., secretary; and Luther Adams, RSA, treasurer.

Lt. Col. William B. Harding, Director, Officer Training Division, OGMS, was guest speaker. His topic was "Guided Missile Training" and he outlined the history and development of OGMS since its conception five years ago. Col. Harding pointed out the many problems encountered in guided missile training and the training techniques used to overcome these problems, particularly the relationships between instructor and student.

The newly installed SPA president, Shoemaker, is the first member of private industry to be elected head of the Huntsville Chapter. He succeeds AOMC Civilian Personnel Director, Robert F. Mello.

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

TRAILER SPACE available at Decatur Trailer Park, concrete patios, laundry facilities on Hwy 31 South, also at Uptown Trailer Court, Decatur, Ala. Convenient to churches, schools, business district. Five blocks south of river bridge on Highway 31. Modern laundry facilities. Wiring adequate for any kind of electrical appliance. For reservation write P.O. Box 139, Decatur, Ala. tfc

GUNTERSVILLE — 3 bedrooms, 1 and 1/2 bath, 18 months old, 1335 sq. ft., overlooking lake, large lot, F.H.A. financing can be arranged, \$500.00 down. Call JE 6-4411, ext. 4172. tfc

NICE 3 BEDROOM — home, 1 1/2 ceramic tile baths, almost ready for occupancy, located in one of the nicest sections of Arab. Small down payment. Call Cornelius Real Estate Company JUstice 2-3027, in Gunterville, Alabama. tfc

FOR SALE—Lots No. 25 and 26 at Pine Island Point on Gunterville Lake. Phone Mrs. L. Harrison, JE 2-5697 or JE 4-9311. tfc

"FOR SALE — Very Nice Home in one of the nicest sections of Gunterville, large, beautiful, level lot overlooking Gunterville Lake 189 foot front, 200 foot deep, 3 bedrooms, 2 full baths, large garage, paved street, \$500.00 down plus closing cost. Call Cornelius Real Estate Company, JUstice 2-3027." tfc

AUCTION HOUSE, W. Holmes St. — auction every Thursday night. Furniture sold off the floor each day of the week. If you have anything to sell we will sell it for you on 20 per cent commission. Phone JE 6-2241. tfc

FOR RENT, modern 6 lot, trailer park in good neighborhood, city utilities, close to schools, shopping and churches, landscaped yard, plenty parking, play area, and concrete patios. \$20 per month. 30 minute drive to Gate 9. Call 248R, Athens, Ala., or see MRS. R. F. SMITH, 513 Sanders St. 8-20p

3-BEDROOM HOUSE for sale with two tile baths, built in bar, located on a real large lot with beautiful view of lake. Call Gunterville JU 2-3414 or night JU 2-4598. 7-3p

FOR SALE — 3 bedroom house with two tile baths, excellent location, price \$14,250.00. Gunterville JU 2-3016, night JU 2-3969. 7-3p

GUNTERSVILLE LAKE PROPERTY for sale — One cabin on Pine Island, price \$13,000.00. One lot on Signal Point, price \$2,000.00. One lot on Buck Island, price \$5,000.00. The lot on Buck Island can be bought on terms. One cabin, three bedroom on Buck Island, price \$16,250.00 Phone JU 2-4197 7-3p

ROOM & BOARD, \$15.00 per week. MRS. RICHARD HYCHE, Elgin 3-3848, 1401 Fifth Ave., SE, Decatur, Ala. tfc

FLEMINGTON HEIGHTS—Nearly new brick, 6 large rooms, fireplace, pine paneled den, 2 full ceramic tile baths, carport, large storage room, plenty extras, \$21,950.00, purchase equity, assume reasonable payments, phone JE 4-0622 days; JE 4-4700 nights. 1tc

PRIVATE SPACE for your house trailer and boat on lake front. Can accommodate three 30 or 40 ft. house trailers with bath. Sorry, no children. Call JU 2-4683, Gunterville, and ask for Mrs. Couch. 7-30c

RIDING PONY for sale. 16 mo. old, broken for children. Rides easily and guaranteed gentle. M. A. BUSH, phone 5P 3-9195. 1tc

APARTMENT FOR RENT — 3 large unfurnished rooms, private bath, private entrance, gas heat, on bus line, near arsenal, couple only, located at 241 South Broad, Huntsville Park. 1tc

HOUSE FOR RENT, in Falkville, (41 mi. SW of Huntsville on Hwy. 31). Modern, six room brick house, three bedrooms, bath, living room, dining room, kitchen. Unfurnished. Butane heat. Garage, smoke house, Huge lot. plenty shade trees. Call Melton McNealley, Phone 150, Falkville, Ala. 7-9p

FOR SALE — 3 bedroom Lakewood home, F.H.A. equity for sale by owner, attached garage, city sewerage, fenced in yard, down payment \$3700.00, monthly payments \$95.10. Phone JE 6-5205. 7-10c

FOR SALE — The selling period has been extended to August 25th, on beautiful imported Holland flower bulbs. Place your order now for "The very best only" in selection and price. Customer may call: Mrs. Milton Frank, Jr., JE 4-1943; Mrs. Ben Kleinman, JE 6-7507 or Mrs. Ogden McAnally, JE 4-9311. 7-17c

FOR SALE — 1957 Lincoln Premier, fully equipped with air conditioning; power windows, seat, brakes, steering. Driven less than 11,000 miles. For information call Topper Birney, Ext. 2397 or JE 2-3792. 1tc

FOR SALE — 1956 Plymouth station wagon, 4 door, 2 seater, full power, good condition, \$1500.00. If interested call JE 6-5168. 1tc

FOR SALE — One Redi-Submergible deep well pump with 30 gallon pressure tank and 100 ft. of one inch galvanized pipe, cheap; also 3 48-inch Daytona exhaust fans with 1/2 h.p. GE motor, ideal for chicken houses or manufacturing plants. Phone JE 4-1088 or JE 6-6301. C. H. McEwen. 1tc

ARMY DEVELOPS FAST GIMMICK FOR DEMOLITION

FORT BELVOIR, Va. — A gun-type stud driver, developed by the Army's Engineer Research and Development Laboratories and Ramset Division, Olm Industries, Inc., makes possible the rapid attachment of special explosive charges on steel, wood, or concrete surfaces.

It is designed primarily for attaching canvas bags containing explosive charges to the surface of structures that would normally be encountered in demolition missions.

The gun is a ten-shot repeater, enabling the operator to make ten separate fastenings without reloading. Special cartridges of .38 caliber provide the force. The gun will operate when held in any position, vertical or horizontal, and modifications have been made to permit its use under water up to depths of 20 feet.

As a safety feature, the gun barrel of the "Ramset tool" must be depressed to a pre-determined position before it can be fired. This is done by shoving it against the surface into which the fastener is to be placed. This operation also positions a shield to protect the operator from flying fragments.

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Husband: "Good heavens, it's two feet long!"
New Bride: "Of course, dear, it's rhubarb pie."

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Army-Navy Cooperation Results in New Missile

White Sands Missile Range, N. M. (AFPS) — An outstanding example of Army and Navy cooperation was demonstrated here with the first firing of a revolutionary new rocket that measures wind velocity and temperature 60 miles above the earth. Called the Aerobee-Hawk, the rocket was fired by the White Sands Signal Agency in recent initial tests. One of the unusual

aspects of the new rocket is the variety of component parts, which are:

- A motor from the Army's Hawk, a missile designed for use against low-flying aircraft.
- Tail fins from a Navy - Army

Signal Corps Aerobee.

Nose cone from a Navy-Army Signal Corps Cajun.

In addition, the new rocket is being fired from an Army Nike launcher at the Navy blockhouse here.

Data collected from the firings is being given to scientists of the International Geophysical Year (IGY) program and is being studied for possible tactical employment of the rocket as an aid to intercontinental ballistic missile firings.

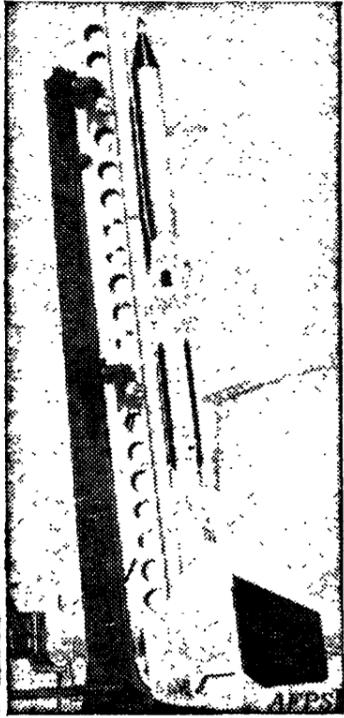
Aerobee-Hawk crews, working with ICBM experts, could furnish important facts about the vital 60-mile-high region. This information could be fed to ICBM computers to give the giant missile's steering brain advance data.

It is also expected to aid in fu-

ture nuclear tests, measuring wind direction and speed to avoid fallout of harmful materials.

In early tests here the Aerobee-Hawk carried a 115-pound payload in its Cajun nose cone. Consisting of 10 grenades preset to explode after ejection at various altitudes, the payload is packed to the 60-mile height.

The explosions are recorded by sound ranging devices and other special instruments. Correlation with atmospheric parameters supplies the precise measurements of wind speed, direction and air temperature.



AEROBEE-HAWK

Aroused Townfolk Win Plea to Army To Keep Sergeant

OLIVIA, Minn. — Sergeant 1st Class James K. Johnson had seen a lot of overseas duty in Germany and combat in Korea before he came here last July to be an advisor with the 175th Field Artillery Battalion of the Minnesota National Guard. He and the town promptly fell in love with each other.

Johnson likes kids and kids like Johnson, so he volunteered to be scoutmaster of a rather inactive troop whose membership soon quintupled. In quick order, he became a Sunday School teacher, radiological defense training instructor for the local Civil Defense program, and helped organize an archery club, all during off-duty hours.

The adults of Olivia quickly cottoned to the native of Texarkana, Ark., who made no bones about his desire to ultimately settle here. So when Johnson received orders to Alaska after less than a year they formed a "Committee to Keep Jim in Olivia."

Civic leaders, National Guard officers and the senior Army advisor for the state went to Lieutenant General William H. Arnold, Fifth Army commander in Chicago. Review Johnson's records, the Army commander ordered, and, sure enough, what happened shouldn't have. The transfer was a mistake and the orders were immediately rescinded.

To celebrate the happy news, Johnson took his 39 Scouts on an overnight camping trip to further polish camping techniques that under Johnson's tutelage had already won them a district council award.

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