

The Redstone Rocket

Published by Jack W. Hoffhaus, Hartselle, Ala., a private individual in no way connected with the Department of the Army. Opinions expressed by the publishers 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.

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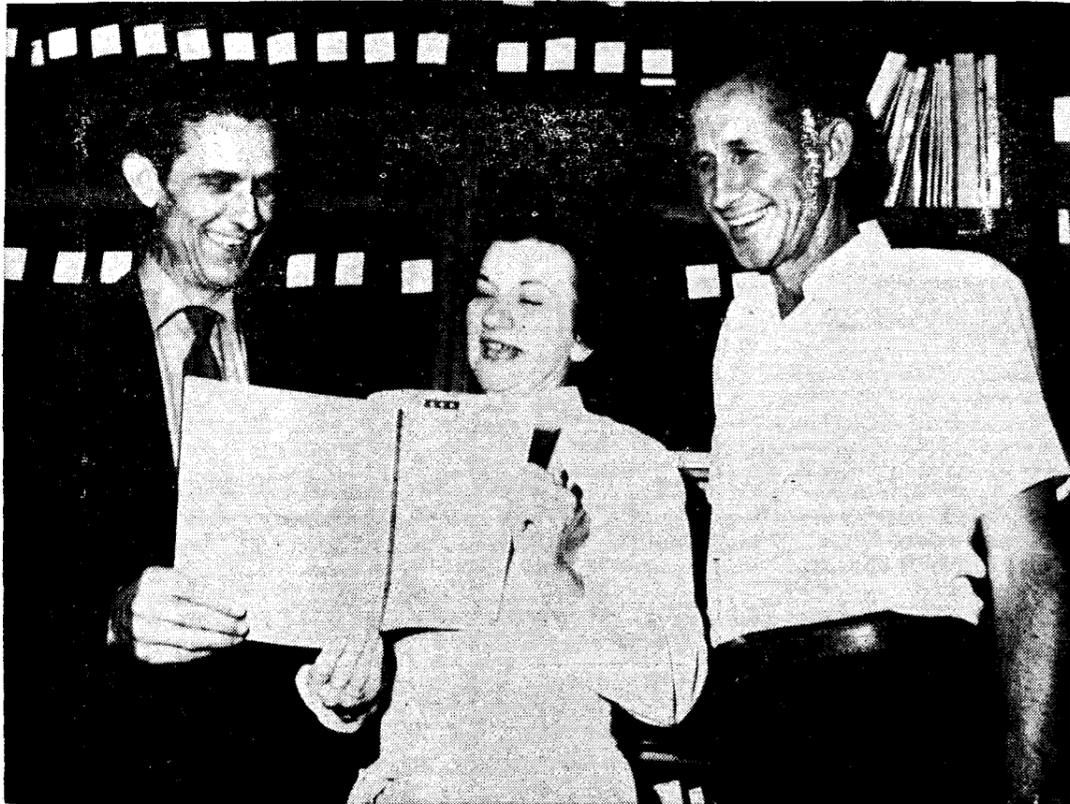
REDSTONE ARSENAL, HUNTSVILLE, ALABAMA 35809

AUGUST 19, 1970

Arsenal-Wide

Spot News

Dial 112



OFF TO EARLY START—The Combined Federal Campaign is already underway as far as Seaburn Hyatt is concerned. The training officer for the Area Coordinating Group is visiting each of the 22 agencies that will participate in the 1971 fund raising drive for the purpose of assisting in the pre-campaign planning. He is also meeting with Missile Command organizations to discuss campaign procedures. Here Hyatt (left) explains reporting procedures to Julia Smith and Ray Thompson of the Missile Command's Administrative Office.

Hyatt Undertakes Task Of Training CFC Keymen

The official opening of the 1971 Combined Federal Campaign is still a month away, but Seaburn Hyatt has already logged a great many manhours in support of the annual fund-raising effort.

A statistical clerk in the Control Office of the Arsenal Support Operations Directorate, Hyatt is serving as Training Officer for the Area Coordinating Group, comprised of some 22 Federal agencies in the Huntsville area.

He is presently engaged in assisting each of the agencies in planning their organizational structures and completing other important pre-campaign particulars. Once the drive is underway, Hyatt will spend considerable time, meeting with employee groups for the purpose of clarifying problems that arise in the solicitation and reporting phases of the drive.

All told it adds up to about four months of additional duty, an extra assignment requiring a thorough knowledge of community programs plus a large degree of dedication.

Hyatt is well experienced in the management of fund raising drives

at Redstone, having assisted the reports chairman for two years and the training officer for the last three.

A native of Arab, he is also well versed in the operation of united fund drives at the community level and has been named chairman of the United Givers Fund Board in his home town.

Newly Assigned Motion Picture Mission Underway

Members of the newly formed Motion Picture Production Division of the Army Missile Command's Directorate of Arsenal Support Operations are already hard at work on over 150 assorted film projects.

The division, which was formed at Redstone Arsenal when the Army Pictorial Center at Long Island City, New York closed last June, is responsible for the production of most U.S. Army motion pictures including training films for all Army schools.

One film series known to many, The Big Picture, will be produced under the guidance of Division Personnel at Redstone Arsenal. Other projects for the Division include a dynamic film series on character guidance for the Army Chaplain Corps and a film for the Job Corps.

The division, headed by W. R. Brown, Jr., has an authorized strength of 28 employees.

Selected Acquisition Helps Managers Control Costs

Everyone literally reading off of the same sheet of music, with the cost of weapons as the theme, is giving top managers a better understanding of the way the Army buys its hardware.

A uniform, clear means of providing the information on weapon system costs is being achieved through a system called SAR, Selected Acquisition Reports.

The SAR tells how many dollars are spent, what for, when, and what costs are expected as the system moves along through development and procurement.

The SARs are prepared at the Missile Command and throughout the Department of Defense according to an established format, then sent on up to the Army Materiel Command, and thence through the Department of the Army to the

Secretary of Defense. The SARs furnish material for ultimate reports to Congress on weapon system status and cost.

All along the way, officials are looking at SARs to get a clear view of costs, and adding their own corrections or revisions.

"It has brought commonality to the cost data in the Five Year Defense Program, an accounting which shows program cost for development, production and quantity for the prior and current year and four subsequent years. Everyone is using the same data," Woodrow Burke of the Missile Command Comptroller and Director of Programs, said.

"SAR brings key aspects of a weapon system program into one package in terms of technical, (See ACQUISITION on Page 3)

Ortiz, Ludick Become SAFLOG Directorate Heads

Col. Orlando Ortiz and LTC Gerald L. Ludick have been assigned to head directorates in the Army Safeguard Logistics Command.

Col. Ortiz is the Director of Materiel Requirement replacing Col.

Thomas L. Stovall who is being transferred to the Office of the Assistant Secretary of the Army, Installations and Logistics.

Col. Ludick is the new Director of Maintenance succeeding Col. James F. Prewett who retired from the Army last month.

Included in Col. Ortiz's previous assignments are the Army Materiel Command in Europe where he was the Chief of the Stock Control Division for approximately nine months, Commanding Officer of the Inventory Control Center, Europe for approximately three months, and Edgewood Arsenal, Md., where he was the Deputy Director of Quality Assurance.

He is a graduate of the University of Puerto Rico and the Command and General Staff College, Ft. Leavenworth, Kansas.

Col. Ludick moved to his new post from the Safeguard System (See SAFLOG on Page 3)



COL. ORLANDO ORTIZ

Col. Wallis Goes To R&E, Col. Miller To Personnel

Two staff changes were announced today by the Army at Redstone Arsenal.

Col. Vernon V. Wallis has been named deputy to Dr. John McDaniel, Director of Research and Engineering at the Army Missile Command.

Col. A. E. Miller will succeed Col. Wallis as Chief of Personnel and Training.

Both assignments are to be effective Aug. 24.

Although this is his first tour at Redstone, Col. Miller is no stranger to Alabama. During the 1950s, he was stationed at Fort McClellan in Anniston and served at Camp Sibert near Gadsden during World War II.

Prior to coming here, Col. Miller served in the Office of the Deputy Chief of Staff, Operations, Headquarters, U. S. Army, Europe and Seventh Army.

A native of Chicago, Ill., he attended the University of Hawaii before graduating from Jacksonville State College in Alabama with a BS in Business Administration. He holds an MA Degree in International Relations from Boston University and is a graduate of the Command and General Staff College as well as the Chemical Corps Officers Advanced Course.

Among hobbies he lists tennis, golf and squash.

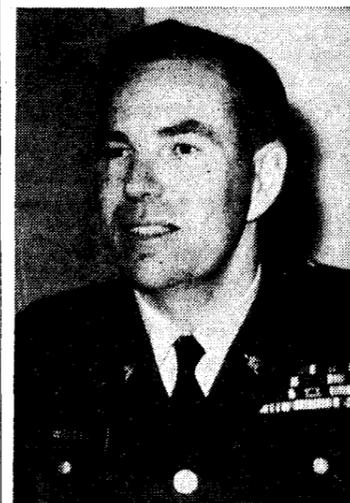
He is married to the former Eloise Roach of High Point, N. C.

Col. Wallis has served at Redstone since December 1969 as Chief of Personnel and Training.

Holder of the Bronze Star for (See COL. WALLIS on Page 3)



COL. A. E. MILLER



COL. V. V. WALLIS

Nationalist Chinese Army Chief Visits Redstone

The U. S. Army Missile Command was host to General Yu Hao-chang, Commander-in-Chief, Republic of China Army, and members of his staff, for a two-day orientation visit to Redstone Arsenal facilities this week.

Upon his arrival at Redstone Monday afternoon, Gen. Yu was greeted by Maj. Gen. Edwin I. Donley, Commanding General, Army Missile Command, and accorded military honors.

Accompanying Gen. Yu was LTG Ch'In Tsu-hsi, Deputy Commanding General, Training and Combat Developments Command; MG Sung Hsin-lien, Commanding General,

69th Infantry Division; LTC Wang Hui-Tse, Secretary to the Commander-in-Chief; and COL. Chewmon Lee, U. S. Army Escort Officer.

Gen. Yu and his staff visited the McMorro Laboratories and were briefed by Research and Development personnel.

Following the briefings, the group viewed a display of Army missile hardware.

Prior to their departure from Redstone, Gen. Yu and his staff visited the Marshall Space Flight Center and inspected the Sky Lab mockup area and the Neutral Buoyancy Simulator.

The Redstone Rocket

The Redstone Rocket is published weekly, on Wednesdays. The publisher will receive editorial content for publication in the Rocket through the Information Office, Army Missile Command, Redstone Arsenal, Ala., 35809, Bldg. 5250, Room A-134, Extension 876-1400 or 876-1500.

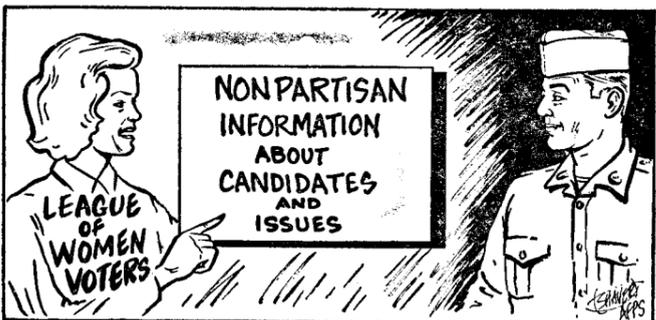
All advertising copy and payments therefor are received by Mrs. Vergie Robinson, P. O. Box 346, Huntsville, Ala., 35804, telephone 534-4701, as representative of the publisher. Advertising deadline—both display and wanted—is 10 a.m. Monday before publication.

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Rocket Ruminations

I am a member of the rabble in good standing.
—Westbrook Pegler



Getting The Word

One of the problems of voting by absentee ballot is that too often it is difficult to learn enough about the candidate in your home state and the crucial issues.

Thanks to the League of Women Voters, however, that is no longer a problem faced by military men and women who are concerned enough about the home state election to take the time to request information.

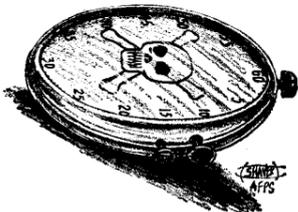
The league is offering nonpartisan information about candidates and issues.

To obtain the information, all you have to do is write to: League of Women Voters, 1730 M St., Washington, D. C., 20036. Include your present address and your home state voting address.

Members of the league in your home state will send you all available nonpartisan information about candidates and issues on which you can vote by absentee ballot.

Every concerned serviceman and woman should take advantage of the help offered by the League of Women Voters. Through the league, you can become a better informed voter. (AFPS)

Deathly Countdown



What happens when a car, travelling at 55 miles per hour, crashes into a solid, immovable object?

The University of Washington, in cooperation with the National Safety Council, learned the answer in a study and came up with these results:

1/10th of a second—

The front bumper and chrome "frosting" of the grillwork collapses. Slivers of steel penetrate the object to a depth of 1½ inches.

2/10th of a second—

The hood rises, crumbles, smashes into the windshield. Spinning rear wheels leave the ground. The fenders come into contact with the object, forcing the rear parts out over the front doors. The driver's body continues to move forward at the vehicle's original speed. At 20 times the normal force of gravity, his body weighs 3,000 pounds. His legs, ramrod straight, snap at the knee joints.

3/10th of a second

The driver's body is now off the seat, torso upright, broken knees pressed against the dashboard. The plastic and steel frame of the steering wheel begins to bend under his terrible death grip. His head is now near the sun visor, his chest above the steering column.

4/10th of a second—

The car's front 24 inches have been demolished, but the rear end is still traveling at about 35 miles per hour. The driver's body is still traveling 55 miles per hour. The half-ton motor block crumples into the object hit.

5/10th of a second—

The driver's fear-frozen hands bend the steering column into an almost vertical position. The force of gravity impales him on the steering shaft. Jagged steel punctures lungs and intercostal arteries. Blood spurts into his lungs.

6/10th of a second—

The driver's feet are ripped from his tightly laced shoes. The brake pedal shears off the floor boards. The chassis bends in the middle, shearing body bolts. The driver's head smashes into the windshield. The rear of the car begins its downward fall, spinning wheels digging into the ground.

7/10th of a second—

The entire body of the car is forced out of shape. Hinges tear, doors spring open. In one last convulsion, the seat rams forward, pinning the driver against the cruel steel of the steering shaft. Blood leaps from his mouth, shock has frozen his heart. (AFPS)

All-Soldier Show Due At Arsenal

The Third Army all-soldier show "Gettin' It Together . . . Right Now" will be at Redstone Arsenal Gym, Bldg. 5663, at 3 p.m. August 26—one week from today.

The current road tour is composed of 22 enlisted men and eight enlisted women. The band has ten men and one girl.

Musical range covers everything from show tunes and jazz to soul and country/western.

Soloists with the group include trumpeter Terry Moretti who was in the Spring show, and Miss Toni Morgan (PFC), vocalist, who has also played in earlier shows.

The set consists of multi-leveled floating discs and a sunken orchestra pit. Adding to the stage action are colorful front and rear projections.

The show is sponsored by the Special Services Office and the Post Service Club.

MSFC CUT

The retirement of 69 employees at the Marshall Space Flight Center reduced the impact of reduction in force from 190 to 121 affected individuals Monday.

The cutback is a nationwide action of NASA. The manpower level at MSFC will be 5804 by Oct. 1. Meantime, the affected individuals will be given all the assistance that can be mustered to place them in other agencies.

TOUR OF LIMESTONE COUNTY

A historical tour of Limestone County will be sponsored by the Service Club for enlisted men Saturday.

The first stop will be Mooresville—a town 170 years old. It's post office, built in the early 1800's, still furnishes postal service to the town—population 93. The group will visit the construction site of the world's largest nuclear power plant, located at Brown's Ferry, near Athens.

A picnic lunch will be served at Lucy Branch Park near Athens. The bus will leave the Service Club at 11 a.m.

Careerists Take Summer Training To Do Better Job

Eighteen Department of Army civilians began advanced training programs this week at government schools and colleges located in seven states scattered across the country.

They will be away from their regular duties for periods ranging from a week to two months for the classroom work under the Missile Command's career development program.

Half of the group went to Ft. Lee, Va., for classes at the Army Logistics Management Center. Three will be there for six weeks for Maintenance Management while the others are enrolled for the five-week course in Cost Estimating Techniques.

In the latter group are Evelyn Avery (ADCAT), Ira Bryce (MISD), Arch Meagher (P&P), James Shrader (Hawk), James Harchanko (Lance) and John Daly (Shillelagh).

Studying Maintenance Management are Arthur Crawford (S&M), Atlas Howell (DASO) and Thomas Brewer (Metrology).

Purvis Herbert (S&M) will be away the longest, having been enrolled for a seven week course at the Missile School on the Arsenal. He is taking the LCSS Portion of Transitional Training.

John Jordan (SAFSCOM) is spending three weeks at Wright Patterson AFB in Ohio for Advanced Contract Administration and Barbara Shrout (MISD) is taking Defense Management Systems at the Naval Postgraduate School, Monterey, Cal. She will be away for four weeks.

Two more employees of the Safeguard Systems Command were designated for two week training courses, with the Civil Service Commission.

Wade Sanders is studying Administration of Public Policy at Kings Point, N.Y., and William



PFC DAVID M. BLOH

Bloh Is Sixth From 7th ETC Named Soldier Of Month

"We have the best trained, best qualified men in our units," said Maj. Joseph F. Salmon, commanding officer of School Brigade's 2nd Battalion, Missile and Munitions Center and School.

Maj. Salmon had good reason

for making the claim. For the sixth consecutive month a trooper from the battalion has been selected as Redstone Arsenal Soldier of the Month.

This month's selection board bestowed the honor on PFC David M. Bloh, 5th Enlisted Training Company.

Prior to competing at the Arsenal level Bloh was selected as battalion Soldier of the Month and won the same honor at MMCS competition.

Bloh, a student in the land combat support systems course, began training at MMCS after completing basic training at Ft. Bragg, N. C. The son of Mr. and Mrs. Joseph C. Bloh of Venntor City, N. J., he attended St. Joseph's Prep School, Philadelphia, and entered the service in November last year.

Criteria for selection as the sharpest soldier is based on military bearing and appearance, knowledge of military subjects and traditions and current events.

As soldier of the month Bloh will receive a \$25 Savings Bond from the Army Missile Command and a weekend on the town courtesy of Huntsville Chamber of Commerce.



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GENERALS VIEW TOW—MG Orwin C. Talbott (left), Commanding General, U.S. Army Infantry Center; BG Arthur W. Kogstad (center), Director of International Logistics, Army Materiel Command, and BG Edward B. Kitchens, Jr. (sighting TOW), Commanding General, Army Combat Development Command Combat Arms Group, inspect the TOW missile launcher. The generals, pictured above with LTC R. W. Huntzinger, TOW project manager, visited Redstone Arsenal last week for a system status evaluation of the TOW Weapon System.

German Scientist Trains In Shillelagh Project Here

Shillelagh Project Management Office, in response to a request from the German Embassy forwarded through Department of the Army, has agreed to make a young German scientist acquainted with Shillelagh quality control techniques.

Manfred Rossmannith is a German participant of the U.S. Department of Defense — Federal Republic of Germany (FRG) Scientific and Engineering Exchange Program. Under this program, young FRG scientific and engineering personnel are selected for accelerated professional development to prepare them for responsible positions in the FRG Ministry of Defense.

Before coming to Shillelagh Project Management Office, Rossmannith assisted in the flight testing of Shillelagh missiles at White Sands Missile Range. Shillelagh proof and acceptance flight tests there have become so routinely successful that a failure is an unexpected rarity. With that background of watching Shillelagh flight success, the request to become familiar with Shillelagh quality control techniques was received as a chef might receive a request for a favorite recipe.

Charles Bevan, Missile Quality Control Specialist in Shillelagh's Product Assurance and Test Division, is serving as schoolmaster,

assuring that the most profitable use will be made of Rossmannith's three weeks visit.

The curriculum presented to Rossmannith has included such items as the Army Materiel Command Quality Assurance System, Criteria for Evaluating Contractor Quality Programs, Criteria for Evaluating Contractor Inspection Systems, Sampling Procedures, relations with other agencies and offices, etc. In addition, Rossmannith has observed the very apparent determination with which the Product Assurance and Test Division, headed by James G. Hughes, pursues each deficiency. Each discovered deficiency or shortcoming means that someone in the division has a task to accomplish.

When he returns to Federal Republic of Germany, Rossmannith is scheduled to resume duties as a civil servant stationed at a missile contractor manufacturing facility. His duties will include implementing general quality control guidance into working directives procedures and criteria and the evaluation of contractor quality control performance.

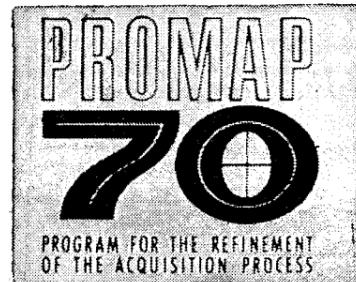
DRIVE WITH School Children IN MIND

ACQUISITION

(Continued From Page 1)

schedule, cost and quantity considerations. This has resulted in clearer communication throughout the tiers of management from the Missile Command to the Department of the Army and to the Department of Defense.

"It provides an easier route to decision making, too. Then, there's increased personal involvement at the Secretary of Defense level and all other levels of management to make sure that SAR fairly



and accurate reflects the status of the program being reported.

"SAR has been made a part of our PROMAP-70 effort at the Missile Command to emphasize the importance of the reporting system and to take steps to improve the quality of the reports. SAR is certainly a direct way to improve and refine the way the Army acquires its hardware," Burke pointed out.

Weapons named for SAR will usually be limited to those programs which have a total financing during the development stage in excess of \$25 million, or a cumulative production investment in excess of \$100 million.

The Missile Command forwards SARs on SAM-D, Lance, Dragon, Shillelagh and TOW.

As part of the plan to improve SAR, the Missile Command has a long range plan to investigate ways and means to automate or mechanize the preparation of the report, and at the same time consider whether or not that method is more economical and faster.

Orientations are being conducted at the Missile Command for concerned personnel to familiarize them with the SAR program, and materials and instructions are being prepared for training those

COL. WALLIS

(Continued From Page 1)

Valor and the Purple Heart while serving in Korea, Col. Wallis is a native of eastern Oregon, near LaGrande.

He holds a BS in Business and Social Science from Utah State University and a Master's Degree in Mechanical Engineering from the University of Arizona.

who have inputs to the program. Off-post courses in such subjects as "Cost Estimating Techniques for Systems Acquisition", "Life Cycle Cost Analysis of Weapon Systems" and "Economic Analysis for Decision Making" are on the schedule for those who help prepare SARs.

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SAFLOG

(Continued From Page 1)

Command where he was the executive officer in the Production and Logistics Directorate. He has a degree in accounting from Kent State University, Ohio, and a masters degree in business administration from Syracuse University. He is also a graduate of the Command and General Staff College.



LTC GERALD L. LUDICK

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Boy Scout Officials Map 1970 Scout Roundup Plans

The 1970 Scout Roundup has begun with the Tennessee Valley boy scout officials looking toward the signing of 3500 new scouts to the rolls.

Maj. Gen. E. I. Donley, Commanding General of the Army Missile Command, welcomed the representatives of Tennessee Valley Council's eight districts to the kick-off supper, last night. The event was held at the Military Recreation Area on the bank of the Tennessee River.

Each district was represented by Roundup Chairman, School Night for Scouting Chairman, Organization and Extension Chairman, Dis-

trict Commissioner, and District Chairman. They formulated the district Roundup program which will climax with the awards ceremony to be conducted at Redstone Arsenal.

"Council School Night for Scouting" was a major topic at the meeting. Bob Gilchrist, Chairman of the School Night program, explained that scouts during school night in each community present a program which tells of scouting. Boys not in scouts are invited guests. Most of last year's new scouts entered during School Night.

Others on the kick-off program



PLAN FOR BALL—Committee chairmen for the Harvest Ball, an annual event sponsored by the Redstone Officers Wives Club to raise funds for local charities, discuss various aspects of work to be done with the general chairman, Mrs. Gordon D. Rood (second from right). Left to right are: Mrs. Henry Mattern, food and beverage committee; Mrs. Robert Vanlandingham, decorations; Mrs. Rood, and Mrs. Morris Pettit, entertainment. The ball is scheduled October 30 at the Redstone Officers Open Mess.

included John Goodloe, President of the Tennessee Valley Council; Col. Eugene J. McGinnis, Chief of Staff, Army Missile Command; and Charles Frederick, District Scout Executive.

Volunteers Asking Ditty Bag Donations

Redstone Arsenal is cooperating with the Madison County Chapter, American Red Cross on a plan for assuring that there will be no 'forgotten' U. S. Servicemen in Viet Nam on the holidays. It is the aim of the Red Cross that every one will receive a 'Ditty Bag.'

A 'Ditty Bag' is a small drawstring pouch that is filled with gifts such as the following suggested items: ballpoint pens, metal mirrors, bar of soap, chewing gum, small address book, nail clipper, comb, "Wash & Dries" White cotton socks, pen-sized flashlights with batteries, small pen knives, small plastic inflatable pillows, plastic toothbrush holder, plastic cig. case, small plastic snapshot holders, mailing-size voice tapes (reels of 3" tapes—150" length) plus more useful but 'hard to get' items.

Redstone Arsenal has made a commitment to fill at least 150 bags but it can not be done without donations. Anyone wishing to contribute gift items may drop them into the boxes located in the PX, Rod and Rake also the Post Chapel or Call the Red Cross Office—881-4010.

These bags must be filled by Sept. 11 in order to arrive in Viet Nam in time for the holidays.

Mix Up!

The Arsenal's women's groups are so generous with scholarship awards, spreading them around as much as possible that last week's Rocket mismatched the award presented to John Hunt who will attend St. Bernard's this Fall.

Mrs. J. R. Moore presented him a check from Our Lady Queen of All Saints Sodality, because she is the Chairman of the Catholic Deanery. There is a Blanche Moore award, but it is offered by the NCO Wives Club. As president of the latter group, Mrs. Moore was instrumental in establishing the NCO Wives scholarship.

PRE-SCHOOL REGISTRATION

An Open House will be held at 7 p.m. Sept. 2 at the Redstone Pre-School in order to give students and their parents an opportunity to see the classrooms and meet the teachers. The school is in Bldg. T-3187 on Redstone.

Those who have not registered are requested to come in from 8 a.m. until 12 noon Monday through Friday to enroll their children.

WIVES COFFEE

Wives of officers assigned to the Army Missile Command will attend a Coffee at 10 a.m. Tuesday at the Redstone Officers Open Mess.

Mrs. Edwin I. Donley will present a program on protocol.

Reservations are being handled by Mrs. Regis Reynolds, 837-1045.



ICE SWAN LUNCHEON—Mrs. Louis DeMichele, left, and Mrs. John Mazikowski, admire the swan carved from ice which was the centerpiece at the Redstone Non-Commissioned Officers Wives Club recent luncheon. Mrs. DeMichele was chairman for the event, and Mrs. Mazikowski is the club president. The luncheon was held at the NCO Open Mess.

COFFEE HOUSE

Enlisted men are invited to a Coffee House program at the Service Club on Sunday, at 8 p.m.

The theme of the program will

be "Tune in with Jan and Joanie." The popular young folk-rock singers will furnish the entertainment for the entire evening.

Coffee and punch will be served.

DRAMA CLASSES

Fantasy Playhouse announces the Fall Series of Drama Classes to be Held in the Newly Renovated Fantasy Room in the Temporary Civic Arts Center, 311 W. Clinton Ave.

13 SESSIONS 1½ HOURS EACH

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Registration: Aug. 21, 22, 28 & 29 — 10:30-4:30 p.m.
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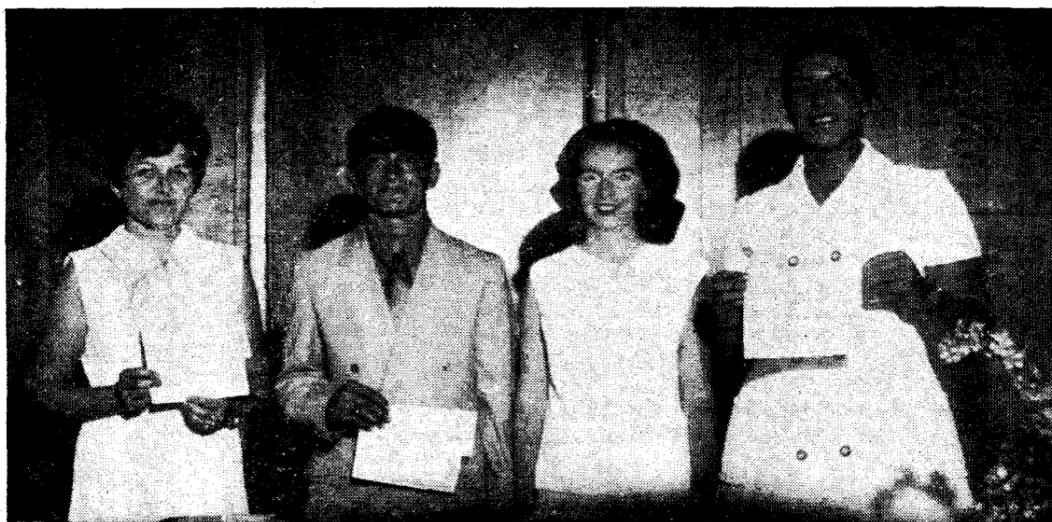
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WINNERS—Awards and a scholarship given by the Redstone Non-Commissioned Officers Wives Club were presented during the club's business meeting last week. Left to right are, Mrs. Earl Griffen, who accepted a \$100 award for her son, Dennis; Gary Cormier, who received a \$100 award and the \$500 scholarship; Mrs. John Mazikowski, club president, who presented the checks; and Deby Ann Silva, who received a \$100 award.

Oklahoma Explosives Unit Trains At Missile School

The 214th Ordnance Detachment, (U.S. Army Reserves) made up of men from the North-East corner of Oklahoma within a 30-mile radius of Miami, arrived in Huntsville last Saturday, to begin two weeks summer training at Redstone Arsenal.

Men from all walks of life make up the well trained unit. It is a situation where a school teacher learns, tire builders ride on their

products and swine growers perhaps digest some of their own products.

Upon arrival at the Missile and Munitions Center and School, the men immediately set about preparing the renovation line for the on-the-job training.

The ammunition renovation unit has been coming to Redstone since its conversion to ammo from an artillery battery in January 1963.

The renovation process is based on an assembly line production. The men place the rounds on a conveyor belt which carries it through several repair bays. To guard against the omnipresent danger of explosion, each bay is separated by thick concrete walls. Each bay has specific function. One removes the cartridges; another cleans the rounds. Any faulty fuses or primers are replaced. In each bay, adjacent to the conveyor, are tables laden with various tools required for each job performed by the two men who work in that section.

After the rounds are inspected, they are re-stenciled with their respective nomenclature, checked for proper markings and proper renovation and, finally, packed and shipped to storage pads for future use.

After completing the training the men will return to Oklahoma to continue their civilian occupations except for the weekend every



CHAPLAIN CORPS CELEBRATES 195TH BIRTHDAY—MG Edwin I. Donley (left) and Chaplain (COL) Robert F. Mashburn celebrate the 195th anniversary of the Army Chaplain Corps. The recent celebration at the Post Chapel was highlighted by a cake cutting and a selection of religious hymns presented by the Youth Caravan Choir of the Pentecostal Holiness Church.

month they spend reviewing what they have learned here.

The 214th is the last of four USAR and National Guard units to conduct two-week summer train-

ing at the Missile and Munitions Center and School this year. The unit will return to Oklahoma Aug. 22.



BIRTHDAY PARTY—Capt. Linda Lansford hands a piece of birthday cake to Maj. Gen. Edwin I. Donley, Commanding General of the Army Missile Command, during the 195th birthday party celebrated at the U. S. Army Hospital by the Medical Corps. Beside Gen. Donley is Col. E. M. Bralley, Jr., hospital commander, and Lt. Col. Marion H. O'Neill, chief anaesthetist.

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Sixth ETC Battles

School Nine Overcomes Upset To Gain Finals

The 6th ETC shook off mistakes, 90 degree-plus temperatures, fielding errors, and just plain poor ball playing to gain a berth in the finals of the Redstone Arsenal unit level softball championships against undefeated, defending champion, MICOM-I.

The championship contest was to be played Tuesday evening too late to meet the Rocket deadline for this week. An "if" game was scheduled for Wednesday.

After shelling MICOM-II in one of the tournament lid-lifters, the 6th ETC was guilty of enep fielding against Co. B that sent the regular season champions to the losers bracket of the double elimination tournament.

The winning runs for Co. B were scored in the sixth inning as a result of fielding that would probably make a coach of little league baseball boil with disgust.

With two outs, the 6th enjoying a 5-4 lead, Steve Baker uncorked a throw to second base in an attempt to catch Harry Brechtel stealing after a single. Brechtel scored second as the throw went to center field. Wild pitches and a misunderstood call by the umpire accounted for the 7-5 Co. B victory.

The 6th had taken the lead in its half of the sixth inning on singles by John Reynolds, John Brooke, Baker's triple and a double by Steve Miller.

MICOM-I has downed all foes to date. The defending champions opened the tournament with a 5-2 win over Co. C and continued the tournament waltz by edging Co. A 3-1, dumping UTC 7-2 and posting the tournament's only shut out by blanking Co. B 4-0. David Pelliter collected a pair of home runs for MICOM; a solo shot against Co. C and another in the UTC contest.

Slo-Pitch Meet Set Back A Week

Missile Command softball players are off again this week with the annual All-Redstone slo-pitch playoffs now scheduled to start next Monday.

The tournament pitting the four best teams in the Civilian Welfare Fund League against a like number of entries from the Marshall Center league was to have started this week.

However, too many rained out games during the last two weeks forced the Marshall league to delay the naming of contestants for the Arsenal meet.

The Army players were able to finish their regular season play due primarily to the Missile Intelligence Directorate winning both halves of the split season.

The defense-minded MID outfit figures to be the Army's best bet for regaining the All-Arsenal title. Finance and Accounting reached the final game in each of the last three years and won the championship in 1968.

Other CFC hopefuls in the tournament are, the Pershing Project Office, RASA and the Metrology Lab.

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Frank Lasanga also homered for the winners.

Gene Cagel turned in the best pitching performance in the championships thus far when he and his teammates stymied Co. B. Cagel scattered three hits and allowed no runner past second base after the first inning.

In other games in the tournament, Fred Casteel blasted a two-run homer to power Co. D to a 14-5 trouncing of Co. C before losing to UTC 5-1. The Dazzlin' Delta nine came back to edge UTC 5-4 then bowed out of the event 11-4 at the hands of the 6th ETC.

Co. A was ousted from the championships by the 6th ETC 5-2 after being surprised into the losers bracket at the hands of neighboring Co. B. Billy Simpson, the tamer of the mighty 6th corralled Charles Brooks and Co. A 11-1.

Arsenal Riders Add To Laurels

The Redstone Saddle Club continued its impressive record in local competition last week when eight club members came home from the Parkway Stables' All-Trophy Horse Show with seventeen ribbons.

Kate Redmon and Margie Keever were the big winners with four ribbons apiece, one more than Wendy Walker took home from the show.

Margie rode Phantom to a first place tie in junior jumping and then switched to Santa Claus for second in English pleasure, third in hunt seat equitation and a fifth in the knock down and drag out event.

Miss Redmon took fifth place in gaited horse halter aboard Sunrise Angel and then added three ribbons to her collection with Tioga's Lucky Kyle. They came for a second in hunt seat equitation, third in junior jumpers, and fifth in English pleasure.

Wendy tied Margie for first in junior jumping, and added a third in knock down and drag out and fourth in hunt seat equitation. She rode Buster in the show.

The only other blue ribbon was won by Pat Burchfield who rode Stony to first place in the knock down and drag out event.

Carol Bailey, aboard Dapples, took fourth in the knock down event, Emily Hawkins rode Star heart to fifth in junior jumpers and Mike Steighner rode Sunrise Angel to a fifth in children's gaited pleasure.

Completing the list of Saddle Club winners was Jeanne Klima who scored a double aboard Remittance. Jeanne took the fourth place ribbon for junior jumpers and came in third in English pleasure.

Many Take GED For Education, Jobs

WASHINGTON (AFPS) — The American Council on Education reports 293,409 General Educational Development (GED) examinations were given during 1969.

Most of the individuals taking the tests were military men and women, but the total also includes American civilians and foreign nationals overseas and inmates at federal correctional or health institutions.

The average age of those tested was 29.36 and the average number of years of formal schooling was 9.7.

Nearly 40 per cent said they took the examinations to qualify for education or training beyond the high school level. Others indicated they wished to earn a high school equivalency certificate in order to qualify for better jobs or to gain promotion in their work.

MICOM For Softball Title



ALL-CONQUERING—The Missile Command's girls softball team captured the regular season title as well as the post-season playoff crown to rule supreme in this year's Huntsville Women's Softball league. The MICOM players shown with their winning trophies are, front row, Barbara Ikard, Jeanne Hayes, Pat Shipp and Gladys Hill. In the middle row are, Beverly Cramer, Sandy Phillips, Jackie Carswell, and Helen Smith. In the back row are, Barbara Willems, Kitty Swain, Kathy Leath and Coach Tom Grubbs.

Civil Service Commission Announces Pay Regulations For Blue Collar Men

The Civil Service Commission has approved new regulations for setting the pay rates for certain specialized blue-collar workers who are subject to the Monroney Amendment. That Amendment requires that when there are not enough matching jobs in private industry on which to base comparable wage schedules for Federal

employees concerned, the wage survey will be expanded beyond the normal geographical limits to obtain appropriate industry wage data.

Adoption of the new regulations followed extensive study of the problem by the National Wage Policy Committee which advises the Chairman of the Commission on wage policy matters.

Earlier procedures designed to carry out the Amendment had been held in abeyance after it was determined that they would result in pay inequities. Both the original procedures and the revised procedures were submitted to the Comptroller General for a ruling on their legality. The Comptroller General held that under the law the Commission could use either the initial procedures or the revised ones, and the Commission adopted the latter.

As rates are computed under the new regulations, employees affected will receive pay adjustments retroactive to the date of the first wage schedule adjustment in each area after October 12, 1968.

Under the new regulations, an industry approach will be followed. That is, the lead agency will review the principal types of Federal positions which comprise a specific industry, such as aircraft, shipbuilding, or electronics, and which comprise a significant proportion of total Federal wage employment in the area.

When it becomes necessary to invoke the Monroney Amendment in an area because there is not sufficient data available locally, wage survey data for all appropriate wage survey jobs will be obtained from the special industry in the nearest appropriate area. That industry survey data will

then be used as if that industry were actually located in the local area. Data for the full range of survey jobs in the special industry will be merged with all survey data collected from all industries in the local area and blended to establish a local area wage schedule which will then apply uniformly to all covered wage employees in the local wage area.

The new regulations replace earlier procedures which would have set rates only for a limited number of highly specialized occupations, as contrasted with the new approach which will use the out-of-area data to modify rates for all wage employees paid from the affected local area wage schedule.

The new regulations will be furnished lead agencies promptly so that they can begin to overcome the backlog which has accumulated since the Monroney Amendment became law in October 1968.



HILLARD R. FREY

Frey Is New Manager For Arsenal Exchange

Hillard R. Frey is the new general manager of the Redstone Arsenal Post Exchange Service. Frey replaces Jim Adair who has left for a new assignment in Korea.

Frey, a native of Wilkes-Barre, Pa., joined the Exchange Service in 1954. His assignments have included tours in England, Turkey and Morocco as well as assignments at Fort Ord, Cal., and Luke Air Force Base, Ariz.

Frey and his wife Leone have four children and are grandparents four times.

Weather Fails To Halt Golfers

The 18-hole Golf Group sponsored by the Redstone Officers Wives Club played low gross, low net, low putts last week with Erlene Dials shooting low gross, Madeline Quattlebaum, low net and Sonja Skemp, low putts.

The 9-hole group failed to play under the threatening clouds.

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It's wait 'til next year time around the Redstone Arsenal swimming pool.

Arsenal youngsters have completed their first season of racing in the Rocket City Swim League, but some are still working out in the pool with their eye on next season's racing.

The Arsenal team fared about as well as anyone expected in their first try at off post competition, improving steadily throughout the season but never quite putting together a winning combination.

In the annual two day city swimming championship meet, two Arsenal swimmers, Cheryl Sullivan and Jeanne Purple, placed in individual breast stroke events. Their points were enough to lift Redstone above Southeast "Y" in the final team standings, a particularly sweet result because Southeast had topped the Arsenal squad twice in dual meets during the season.

The 17 team city league features some of the best age group swimmers in the Southeast.

Jim Walker, a student at Georgia Tech, who took over coaching the Redstone squad once the season was underway had high praise for all its members. He feels Redstone will surprise some of the competition next year now that they have a season's campaigning under their belts.

The Redstone youngsters made themselves a place in the league. S. H. Motes, the league president, said after the city meet: "We were



REDSTONE RACERS—These youngsters—and several more—raced for Redstone Arsenal in the Rocket City Swim League during the summer season just ended. It marked the Arsenal's first entry in the tough city competition. Their coach, Jim Walker, summed up

their experience by saying: "No one tried any harder than my team. We didn't win, but they never beat us." Team members are still working out already setting their sights on next season.

pleased to have the Redstone team enter our league this year, impressed with the way the youngsters came along, and are looking forward to having them race with us again next year."

Arsenal Team Displays Art Of Self Defense

Confucius say: "Man who have no weapon in hand can be most dangerous adversary of all." A team of men from Redstone Arsenal gave a graphic demonstration proving that the Chinese philosopher knew what he was talking about.

The team, headed by Capt. Dennis W. Brewer, Missile and Munitions Center and School, gave a 45-minute demonstration of Tae Kwon Do Karate to a group of Project Discovery participants at Huntsville's St. Joseph's School.

Both before and after the men held their practical demonstration for the 45 young people, they were asked a number of questions about the art of Karate. One of the inquiries to crop up was "what is the origin of Karate?"

The youngsters were informed that the particular style they were witnessing—Tae Kwon Do — was over 2,000 years old.

"It was developed by a Buddhist monk about 200 years before the birth of Christ," replied Capt. Brewer. "At that time, the Dhali Lama forbade all monks from carrying weapons. This particular monk was planning a long journey

over the mountains and was worried about attacks from highway-men.

So, he applied himself and devised a form of self-defense which transformed his entire body into a living weapon. It was successful and the movement, called Tae Kwon Do, after the monk who developed it, was begun."

When asked how he came to study the art, Capt. Brewer said that while he was attending the U. S. Military Academy at West Point, a course in Karate was offered, and he signed up. He received his first instructions from

Son Duk Snug, president of the Tae Kwon Do World Association and holder of the highest position—a ninth degree Black Belt.

This was the second demonstration that the Redstone Soldiers have given. Members of the team include Staff Sgt. Ralph Harris, MMCS, Spec. 5 Russel Norman, Missile Command Hq. Detachment, Spec 4s Jim Crumble and Pete Dago, 55th U. S. Army Band and Jonathan Bennett, a dependent at Redstone.

The team is available for demonstrations by calling Capt. Brewer at 876-5393.



THEY SCORED—Redstone's two competitive swimmers who scored points in the annual city league swimming and diving championships recently—Jeanne Purple (R) and Cheryl Sullivan, chat at the Arsenal pool after a workout with coaches: Lula Hopkins and Jim Walker.

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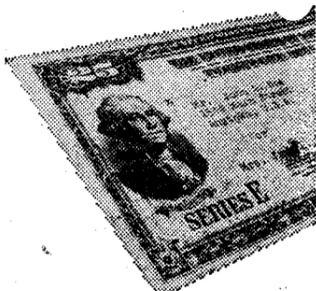
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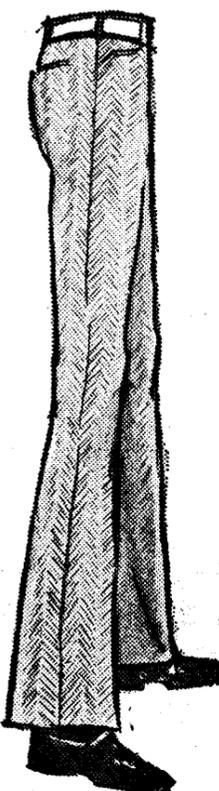
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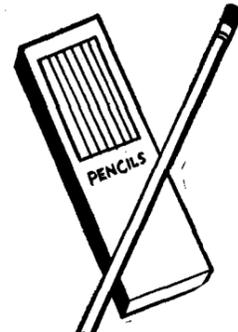
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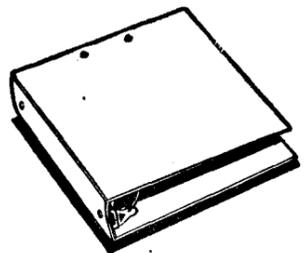
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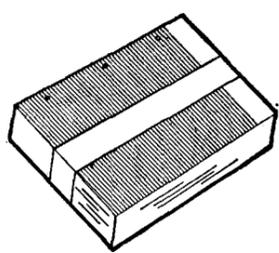
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CAFETERIA OF THE MONTH—COL. Roy E. Branson (center) Deputy Director, Directorate of Arsenal Support Operations, joins Mrs. Ola Turner, Manager (left) and Mrs. Ramona Long, Shift Supervisor, in celebrating the award of Best Cafeteria of the Month which was presented to the Cafeteria in Building 4488. This is the second time that the cafeteria under the direction of Mrs. Turner and Mrs. Long has won the award.

Many Errors Noted In Medical Claims

WASHINGTON (AFPS) — Officials of the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) report that about 25 per cent of the program's paperwork must be returned to beneficiaries because of inaccurate entries.

Erroneous or incomplete data in the first 13 items of identifying information on forms DA 1863-1 and DA 1863-3 are blamed for the majority of returns, officials said.

DA 1863-1 is the form used for services or supplies provided by civilian sources except hospitals. Form DA 1863-3 is for services and supplies under CHAMPUS' program for the handicapped.

The first 13 items of both forms must be completed by the patient or other responsible member.

When an itemized bill or receipt is included, it must contain:

—The patient's name, diagnosis, care or service provided and dates, and the charges if it is a physician's bill or receipt.

—The patient's name, the name of the pharmacy, the prescription number, the date filled and the amount charged if it is a drug receipt. In the case of insulin, no prescription number is required, but the receipt must specify "insulin."

A receipt means statement of services, or supplies furnished and charges marked "paid" and signed or initialed by the source of the care or his representative.

Similar evidence of payment such as cancelled check or money order stub may be enclosed with an itemized bill that has not been received to establish proof of payment.

Mekong River—Highway Of Life

The 2,600-mile Mekong River irrigates the largest rice-growing area in the world and has been Indochina's major highway in peace and war, the National Geographic Society says.

Rising in the 16,000-foot-high Tibetan Plateau in China's Tsinghai Province, the Mekong runs 1,100 miles through Tibet and China. For the remaining 1,500 miles, in the rich Lower Mekong Basin, it flows through Laos, Cambodia, and the Republic of Vietnam before emptying into the South China Sea.

Tumbling over rapids as it turns and twists through towering mountain gorges, the river is known to Tibetans as Dza-Chu, or the Water of the Rocks. To the Chinese it is Lan-Tsan Kiang, the Turbulent River.

The river becomes broader and quieter as it passes through Laos. Laotians and Thais, who live on opposite banks, call it the Mae Nam Khong, the Mother River. Europeans contracted this to Mekong.

To Cambodians, it is Tonle Thom, the Big Water. In the Delta, where the Mekong fans out into eight mouths, it becomes the Cuu Long Giang, or River of the Nine Dragons. Regarding eight as an unlucky number, the Vietnamese included a small offshoot of the river.

In the 12th century, troop carriers sailed up the river from Vietnam into Cambodia seeking the foe during a 30-year war between Kambuja and Champa.

With the Chams, or early Vietnamese, in 1177, was a foreign adviser. A Chinese mandarin shipwrecked on the Vietnamese coast six years earlier had taught the Chams to use crossbows from horseback.

Then he guided their war fleet up the Mekong to the Tonle Sap River, to the Khmer capital of Angkor and victory. The Chams pillaged Angkor and slew its king. His successor, however, raised an army, sailed down the Mekong, and defeated Champa.

Angkor finally was destroyed in 1431 by a Siamese army, and the Cambodian capital moved to Phnom Penh, at the junction of the Tonle Sap and Mekong rivers. (AFPS)

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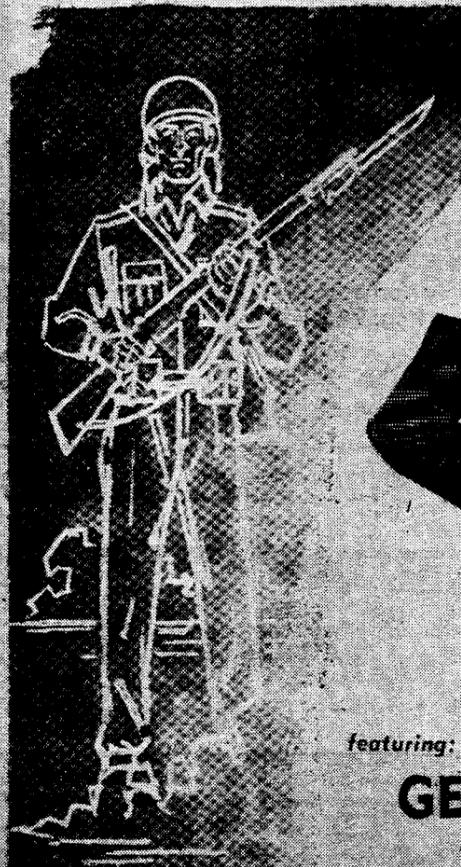
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Junior Officer Council Helps Bridge Gap

"Young officers are concerned with things I never thought of when I was a second lieutenant," said MG E. I. Donley, post commander, at the initial meeting of the Redstone Junior Officer Council (JOC) in December of 1969.

The question eight months later is: Has the JOC lived up to the goals outlined in Army Regulation 15-10? Has the Council discussed problems relevant to all Redstone junior officers and shortened the communication gap between junior and field grade officers, thereby fostering junior officer retention?

The answer is yes—and then some, according to 1LT John P. Taliaferro, president of the Redstone JOC and CPT Jack R. Braden, past president of the Missile and Munitions Center and School (MMCS) JOC.

"It's a tremendous morale booster for the junior officer to know that his viewpoints and problems will be weighed and considered at the highest echelons of command," said CPT Braden.

"One of the prime reasons for the success of the MMCS JOC has been the continued interest and co-operation of field grade officers," added Braden.

Both the MMCS and Redstone JOC's work together on topics of mutual interest and strive to keep their commanders informed on matters of junior officer interest.

"The JOC has no bargaining power," said 1LT Taliaferro. "We simply discuss, research, recommend solutions, and bring the matter to the attention of COL Levy (Commandant of the Missile and Munitions Center and School) and MG Donley (Post Commander)."

"Commanders display a tremendous interest in their junior officers," he added.

CPT Braden feels that the junior officer councils are especially relevant to the needs of officers who have just come on active duty. "Many of the problems that ultimately cause a capable officer to leave the Army are minor—matters of misunderstanding," he said. "A junior officer council can help solve some of these matters."

Both the MMCS and Redstone JOC's have responded to junior officer interests. The councils instigated an action that resulted in a change of policy, allowing many permanent part bachelor officers to move off post—if they so desired.

"Performance Counseling" of junior officers by raters has increased considerably since commanders became aware that young officers wanted guidance from their raters before efficiency reporting dates.

The two junior officer councils have also served in an information gathering capacity for commanders who want a representative junior officer opinion on a subject.

On the lighter side, the two junior officer councils have sponsored parties for company grade officers at the Redstone Officers Club to promote closer social ties among young officers.

Some of the recent subjects that have come before the MMCS and Redstone JOC's are the apparent shortage of parking spaces in the junior officer housing area and the possibility of initiating a guest speaker program to acquaint Redstone officers with their local education opportunities. The Redstone JOC is also examining criteria that could be used in choosing a "Junior Officer of the Quarter."

Theatre Schedule

WEDNESDAY, Aug. 19

"Skulldruggery" (GP)

THURSDAY-FRIDAY, Aug. 20-21

"Z" (GP)

INCREASED ADMISSION: adults 50c, children 25c

SATURDAY, Aug. 22

"The Valley of Gwangi" (G)

SUNDAY-MONDAY, Aug. 23-24

"They Call Me Mister Tibbs!" (GP)

INCREASED ADMISSION: adults 50c, children 25c

TUESDAY, Aug. 25

"A Bullet for Pretty Boy" (GP)

Two shows nightly at 6:00 and 8:30 p.m.

Sunday matinee at 2:00 p.m.



JUNIOR AND SENIOR: MG E. I. Donley, post commander, discusses items of interest with Redstone Arsenal Junior Officer Council president, 1LT John P. Taliaferro (right) and 1LT Robert H. Miles.

Howland Earns 99.2 Grade In Missile Propellant Class

Chaplain (Capt.) James R. Perkins delivered his final graduation benediction Friday at the Missile and Munitions Center and School's graduation ceremony at the post theatre.

Chaplain Perkins, who has been serving as MMCS chaplain since January last year, will depart Redstone Arsenal this week for assignment in Vietnam.

Two honor graduates were awarded the Association of the United States Army (AUSA) plaque for academic excellence by the Tennessee Valley Chapter representative P. K. Schaeppi.

The plaque, awarded only to those students who maintain a course average of 96 or higher, was received by Pvt. Phillip E. Howland and Spec. 4 Frank W. Prince III. Howland of Alexandria, Va., maintained an average of 99.2 in the guided missile propellants and explosive course while Prince, of Kewanee, Ill., compiled a 97.3 in the Pershing electrical mechanic repair course.

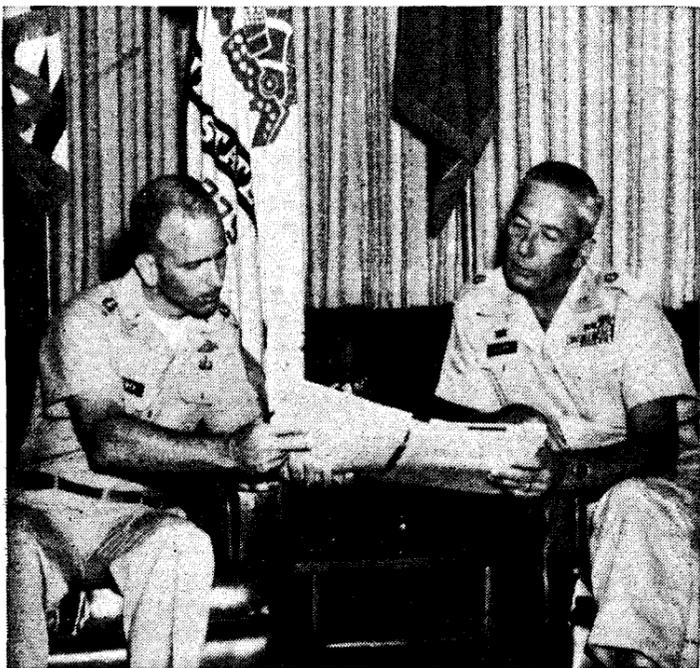
Guest speaker Maj. James H. Wigington urged each student to approach his new job with a positive attitude. The major pointed out that even though the location may change the job never does.

The 16-year veteran offered what he considered five guidelines necessary for assignment adjustment. He said that one should "take a positive approach to one's assignment; maintain a professional attitude; continue to grow professionally; help others while soliciting their help; and communicate."

After the speech Maj. Wigington presented certificates of recognition to students who excelled in their respective courses. In the guided missile maintenance officer

course, 2LT Gary C. Kersteen, West Hartford, Conn., maintained a 92.4 average; Pfc James B. Pearson of Orchard Lake, Mich., has a 94.1 in the missile system appren-

tice course; Pvt. Noah V. Simmons, having an 89.7 in the guided missile repair helper course and hailing from Aysa, Ariz.; Pfc Christopher K. Smith, Birmingham, Ala., with a 91.7 in the HAWK missile and launcher repair course; and Pfc Frederick G. Space III of Woodland Hills, Calif., having a 90.4 in the land combat support systems course.



COL Gilbert P. Levy, Commandant of the Missile and Munitions Center and School, reviews the minutes of a recent MMCS Junior Officer Council, (JOC) meeting with newly elected JOC president, CPT Dennis W. Brewer.

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NAMES IN THE NEWS
 SP4 Win Henderson

NEW TOP KICK

Co. A acquired a new first sergeant on Friday. Going by the name of Marine R. Ross, Jr., he is a recent returnee from the giant rice paddy across the waters. While in RVN, he was with the



1SG MARINE R. ROSS JR.
 CO. A, 1SG

238th Avn Co. He was also a Korean interpreter with the Korean Tiger Division.

A native of Ft. Worth, Tex., 1SG Ross saw his first tour of duty in the Army during the last days of WW II when he came in during September, 1945. He was discharged in 1948 and went to work as a lease operator. In January, 1953, he re-entered the service and since then has worked his way up to his present rank.

A VOICE OF WISDOM

On Friday, 61 servicemen who were graduated from various MM-



MAJ. JOHN H. WIGINGTON
 Graduation Speaker

CS courses, were given a final message by MAJ. John H. Wigington, OTD. Commissioned through the ROTC program at Oklahoma State College in Stillwater, he came on active duty in October, 1964.

Prior to his assignment at RSA, he was stationed in Thailand with

the Signal Branch, Log. Div., U.S. Army Advisory Group.

REAP THE BENNIES . . .

The MMCS reenlistment office was Johnny-on-the-spot again this past week as they were kept busy with people lined up outside their door waiting to sign on the dotted line. Five extended their stays with the Army: SFC James Allen, Co. B; SSG Michael Ray, Co. D; SP6 Johnie Manis, Co. B and SSG Sam Courts, 280th Ord. Det. All agreed to three extra years. SFC Robert Ranft from HHC, UTC, re-enlisted for two to round off his years of active service at an even 30.

FOR DOING THEIR BEST . . .

There were two Bn Award Ceremonies held this week, one on the 7th and the other on the 12th.

The 3rd Bn. held its on the 7th, at the Post Theater. During the ceremonies, MSG Richard H. Bennett officially assumed his new duties as Battalion Command Sergeant Major.

The 3rd ETC was cited for its achievement of honor company for the month of July, while individuals being recognized were SFC James O. Hindes and SP6 Tibor Kocsis with Good Conduct Medals. PFC Wayne Parks was presented with the Soldier of the Month award for August.

The hardstand in front of battalion headquarters was the scene of the 2nd Bn. ceremony on the 12th. The Blood Donor Trophy for July was presented to the 7th ETC while the Honor Co. Streamer for July was awarded to the 5th ETC. PFC David M. Bloh of the 5th ETC was presented with a \$25 Savings Bond for being chosen as the Post SOM for July and SP4 Laney G. Emanuel received the SOM award for being chosen as the battalion man for August.

AND THEY'RE OFF . . . AGAIN

The four quarter-finalists for the month of August have been chosen to compete for MMCS Soldier of the Month honors. The school soldiers are SP4 David W. Turner, Co. C, representing the 1st Bn.; SP4 Laney G. Emanuel, 3rd ETC for the 2nd Bn.; PFC Wayne L. Parks, 6th ETC will be pitching for the 3rd Bn. and SP4 Bruce P. Barham was top man for UTC.

SP4 Turner, a former student at MMCS, is presently an instructor in the Hawk division. A native of Salem, Ore., he attended San Jose State College, Calif., and earned a degree in economics. He entered the military in January, 1969, and after basic training at Ft. Lewis, Wash., came to RSA and has been here since.

PFC Parks, hailing from Hamilton City, Calif., is a student in the Hawk continuous wave radar repair course. Since his arrival at MMCS in April, 1970, he has become a familiar name in the local sports arena. An adept pitcher, he has led the 6th ETC to the top slot in the Redstone Softball League. Parks is a relative newcomer to the military society, having started his tour of duty in February, 1970.

SP4 Barham is no newcomer to the SOM scene. In February of this year, he went to the top of the ladder as post SOM. Now, he is



SP4 TURNER
 1st Bn. SOM

PFC. PARKS
 3rd Bn. SOM

SP4 BARHAM
 UTC SOM

back for another crack at the honored position. Calling Pendleton, Ore., his hometown, he answered his country's call in May, 1969. At present he is an instructor in the Chaparral Vulcan Missile Division. Incidentally, if one of these four men succeeds in becoming the post SOM, it will be the seventh month in a row that MMCS distinguishes itself as the producer of Redstone's top soldier. The record now stands at six, no small honor in itself.

New Arrivals

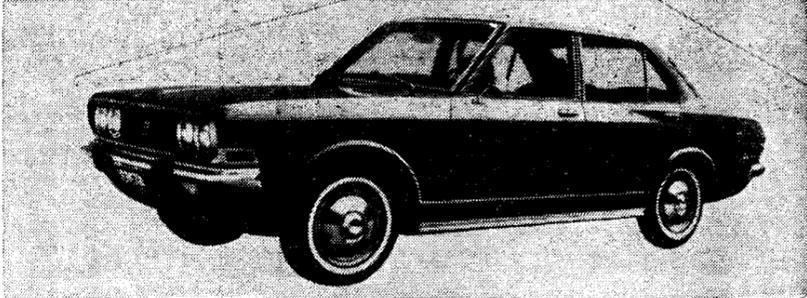
SGT and Mrs. Samuel R. Blair, boy, Joseph Maurice, Aug. 1.
 MSG and Mrs. Bernard E. Hosey, boy, Eric Bernard; and SSG and Mrs. Richard L. Westfall, girl, Holly Marie, Aug. 3.
 SP5 and Mrs. Robert C. Reder, boy, Robert Philip, Aug. 4.
 CW3 and Mrs. Jon E. Bonnesen, (twins) girls, Shannon Lee, Velyn Rae; and SGT and Mrs. Darrell E. Knight, girl, Melissa Kay, Aug. 7.
 PVT and Mrs. Aubrey E. Irvin, girl, Tara Ann, Aug. 9.
 SP4 and Mrs. Charles W. Springer, boy, Barry Wayne, Aug. 10.
 PFC and Mrs. Bobby R. Gayle, Sr., boy, Bobby Ray, Jr., Aug. 12.
 SGT and Mrs. James M. Weber, Sr., boy, James Michael, Jr., and CPT and Mrs. James H. Zimmerman, boy, Daniel Lawrence, Aug. 13.



EMERGENCY FUND DONATION—The Army Emergency Relief is two thousand dollars richer as a result of donations from the Missile and Munitions Center and School. Personnel of the \$100 million global training center contributed \$2,937.67 during the campaign. Capt. Robert Everette (right), AER project officer for MMCS, presents a check to the Redstone Arsenal AER officer, 2nd Lt. Paul W. Moore, Jr.

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Woman Engineer Receives Rare Space Awards

An Army Missile Command engineer has received recognition from the National Aeronautics and Space Administration and the Boeing Company for her work on the aerospace team that made the successful moon landing possible.

Miss Tsetsy Panagrova, mechanical engineer in the Procurement and Production Directorate, received a personalized Manned Flight Awareness Certificate and a Medal for Apollo 8, signed by Frank Borman; a Man on the Moon Certificate, signed by the Apollo 11 crew of Neil Armstrong, Edwin Aldrin and Michael Collins; pins and seals of Apollo 12 and 13, along with personal congratulations from her former manager at Boeing.

Although she has been with the Army Missile team since 1968, Miss Panagrova has been associated with the aerospace program dating back to 1959.

She was a Research Engineer with the Boeing Company where she worked on a Saturn V Operations Structural capability evaluation of the S-IC first stage that was prepared for NASA. She was also involved in stress analysis on the Improved Hawk wing design for Army Missile Command.

As a Structural Stress Engineer for Chrysler Corp. Space Division, she worked on stress analysis, tests and evaluations of the S-1B launch vehicle at the Michoud Facility in New Orleans, La.

In her various engineering capacities Miss Panagrova has been involved in structural analysis and research on such projects as the "Mars Flyby and Landing Spacecraft Study," "Docking Structure Design," "Advanced Mission Definition Program Analysis", and the "Voyager Spacecraft Design."

Looking back over the important events of her life, Miss Panagrova feels being allowed to leave communist controlled Bulgaria in 1954, getting her American citizenship in 1961 and her contributions to the Moon Landing in 1969 as the greatest achievements in her career.

A native of Bulgaria and a graduate of the State Polytechnic in Sofia, Tsetsy Panagrova remembers the communist takeover of her country. Her family suffered hardships under the new regime and her brother, a captain in the army, was executed by the communists.

She was allowed to leave Bulgaria in 1954 and lived in Paris before coming to the United States in 1957.

Though Miss Panagrova received her degree in Architectural and Civil Engineering, she has always worked as a Mechanical Engineer during her 13 years in this country.

She is proud of the progress she has made in her chosen career and in her adopted country. She is quick to point out the advantages of living in a democracy and having a freedom of choice as compared to living under communism. . . . and Miss Panagrova knows because she can remember when her native land was free.

Since joining the Army Missile Command, Miss Panagrova has been a project engineer with the Redeye Air Defense Guided Missile System, evaluating contractor proposals and quality problem areas. She is currently assigned to the Quality Assurance Division of the P&P Directorate.



WOMAN ENGINEER REMEMBERED—Miss Tsetsy Panagrova, a mechanical engineer in the Army Missile Command's Procurement and Production Directorate, displays certificates and pins she received from NASA and the Boeing Co. recognizing her work as part of the aerospace team that helped Apollo 11 successfully land on the moon.

Talking about her career, Miss Panagrova had this to say, "I love my work as an engineer. I read and study a lot and I guess the reason I have never married is because I am married to my job."

Gen. Donley Visits Dragon Facility At Titusville, Fla.

Maj. Gen. Edwin I. Donley, commanding general, U. S. Army Missile Command, recently visited the McDonnell Douglas Astronautics Company (MDAC) TLCO Plant in Titusville, Florida.

During his first look at the facility which produces the Army's Dragon Weapon System, the general was briefed on the current Dragon Program, future plans, and TLCO capabilities.

Gen. Donley's visit coincided with a VIP (Value In Performance) award presentation. A strong supporter of employee motivation efforts, the general personally congratulated MDAC employee Hursell E. Cordell, who received a VIP Citation Award from Raymond D. Hill, Jr., MDAC vice president and general manager of the TLCO Plant.

Cordell, a quality assurance coordinator for MDAC on the Dragon

Program, received his award for expediting the fabrication and inspection of materials from vendors. His efforts resulted in the reduction of program delays.

Astronomers Will Hear About Astrology Sunday

The Rocket City Astronomical Association will present "Your Sign In Astronomy" on August 23 at 2 p.m. and 4 p.m. at the Monte Sano Planetarium.

Miss Kathleen Kemp will present the program explaining the mythology and constellations of the Zodiac. Miss Kemp has taught astronomy in high school and has worked as a radio announcer.

The public is cordially invited to attend. For further information call 536-7844.

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ARC Boating Tips

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When boats are meeting head on or nearly head on, each should keep to the right.

When boats are in a crossing situation, the boat on the right has the right-of-way.

When one boat is overtaking another, the one being overtaken has the right-of-way.

Powerboats should give way to rowboats or sailboats, except when the sailboat is overtaking the powerboat. Small sailboats, when sailing in a channel, should give way to powerboats which cannot operate outside the channel.

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ON STAGE—The "Take Five" cast takes five before going on the air. "Take Five" is a five minute news cast aired through the Missile and Munitions Center and School closed circuit television facility. The show features news, sports, entertainment information and weather for all MMCS personnel. Produced and directed by the Television Department, the program is telecast each Friday at 3:20 p.m. Members of the cast are from left, Joan Gross, SFC Clem Shamus and SFC Ben Casey.

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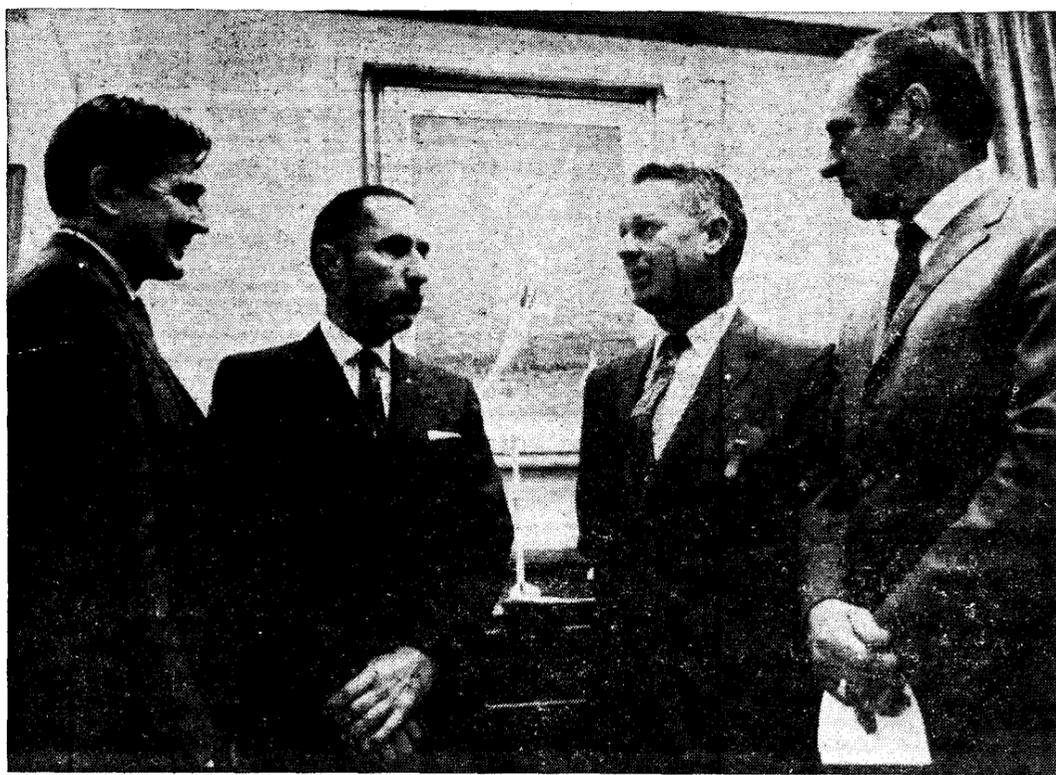


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UNITED FRONT—Dick Shaw (far right), of the American Federation of Government Employees, meets with personnel of Redstone Arsenal agencies who will participate in the upcoming Combined Federal Campaign in the Huntsville area. Shaw pledged the continued support by the union membership for the annual fund raising drive that will be conducted in the fall. Shown with Shaw at the recent Area Coordinating Group policy meeting are, left to right, James Johnson, representing the Marshall Space Flight Center, John Goodloe, general manager of Huntsville Division of the Thiokol Chemical Corporation, and Leonard Twinem, executive chairman of the drive for the Missile Command.

Union Backs Combined Federal Fund Campaign

Drive chairmen have been designated by each of the 22 Federal agencies that will participate in the 1971 Combined Federal Campaign in the Huntsville area.

Abner McNaron, the Huntsville area coordinator, said the agency chairmen are presently engaged in setting up their organizational structures in preparation for the start of the annual fund raising

drive. The five-week CFC will open on September 28.

Heading the drive for the Missile Command will be Leonard Twinem while Howard Slayden serves as chairman for the Marshall Space Flight Center. Other Redstone agencies participating are the Missile and Munitions Center and School with Col. D. R. Hodges as the chairman, the Small

Business Administration headed by Russell Simpson, the Army Audit Agency with Kenneth Shaw as the chairman, and the Thiokol Corporation where Ernie Fleming was designated chairman.

The Safeguard Systems Command will have W. F. McCartney as their chairman, Maj. Charles Blue will direct the effort for the Safeguard Logistics Command, Wallace Kirkpatrick is chairman for the Army Advanced Ballistic Missile Agency and Lawrence Creasman is in charge of the drive for the Army Engineer Division.

The Post Office Department, participating for the first time, will be directed by Clifton Landers. Prince McDaniel is the chairman for the Federal Housing Administration, Wayne Gilliam will head the drive for the General Accounting Office and John Coleman will direct the Economic Development Administration drive.

The Defense Contract Audit Agency named Linda Allen as chairman and the Defense Contract Administration Services Office will look to Louise Wilcox for leadership.

Jack Pauley is chairman for the Tennessee Valley Authority, Kenneth Fox heads the Internal Revenue Service drive and Catherine Penna is CFC chairman for the Civil Service Commission.

Lloyd Christopher heads the drive for the Department of Labor, William Boulton was designated chairman by the Social Security Administration and Marion B. Hummel will conduct the drive for the Federal Bureau of Investigation.

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ARMY UNIT HONORED
WASHINGTON (AFPS)—A five-cent postal card will be issued Sept. 1 marking the 100th Anniversary of the Army's Weather Services.

The card will be issued at Fort Myer, Va., where in 1870 a school of meteorology was established in response to a joint congressional resolution that the Army watch the weather.

Collectors desiring first day cancellations may submit orders to the Postmaster, Arlington, Va. 22210. The envelope to the postmaster should be endorsed "First Day Covers 5c Weather Services Postal Card." Requests must be postmarked no later than Sept. 1.

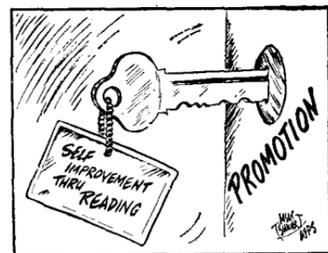
Stamp Honors Ike

WASHINGTON (AFPS) — A six-cent postage stamp honoring President Dwight D. Eisenhower will be issued in August, according to Postmaster General Winton M. Blount.

The stamp, to be issued in sheet, coil and booklet forms, will augment the Eisenhower commemorative stamp issued last October.

Collectors desiring first day cancellations may send addressed envelopes, along with remittance to cover the cost of the stamps,

to Postmaster, Washington, D. C. 20013.



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AWARD TO COL. STOVALL—An Oak Leaf Cluster to the Legion of Merit was presented to Col. Thomas L. Stovall (left) just prior to his recent departure for assignment in Washington, after two years at the Army Safeguard Logistics Command where he served as Director of Distribution and Transportation and later Director of Materiel Requirements. Col. Cecil W. Hospelhorn, SAFLOG Commanding Officer, made the award. Col. Stovall was one of the first officers assigned to SAFLOG when it was established. He was cited for "exceptional ability, sound judgment, unparalleled knowledge and zealous devotion to duty" in solving problems inherent to a new organization.

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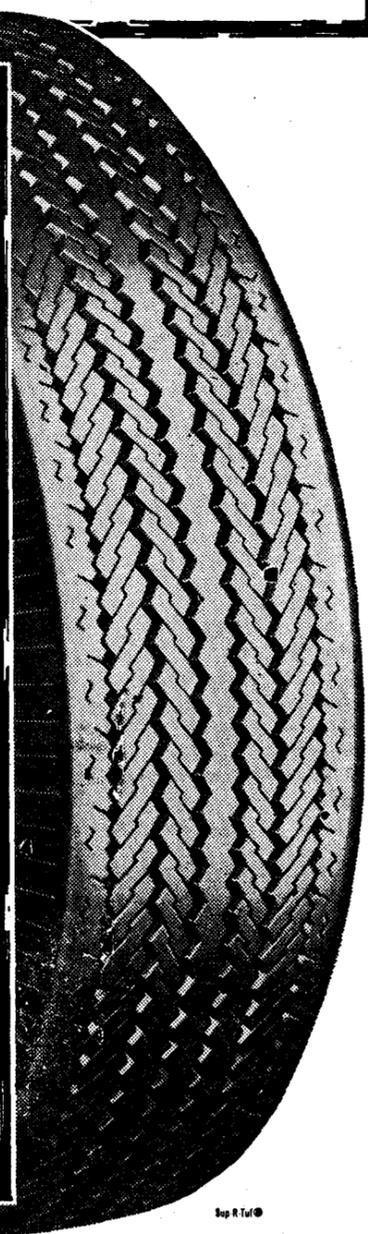
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6.50-13 Blackwall Fits many Chevy II, Corvairs, Dats, Falcns, Volants	\$10.95	Plus \$1.78 Fed. Ex. tax.
7.35-14 Blackwall Fits many Robels, Fairlens, Cougars, Camaros, Chevy II	\$15.70	Plus \$2.04 Fed. Ex. tax.
5.60-15 Blackwall Fits most Volkswagons	\$15.70	Plus \$1.75 Fed. Ex. tax.
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