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JUNE 13, 1973

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The Redstone Rocket is published in the interest of the personnel at Redstone Arsenal, by the Enquirer Printing Co., a private firm in no way connected with the Department of the Army. Opinions expressed by 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.

John McDaniel heard something was up during morning coffee break —

Someone told him he'd heard rockets or something like that were to be moved to Redstone.

McDaniel remembers saying, "Rockets here? It'll never happen." Then he started up his forklift and continued getting machinery ready for storage at Huntsville Arsenal that bright summer day in 1948.

Huntsville Arsenal was closing up. Equipment was being put up in storage or sold as surplus property. The arsenal had been built in 1941 to manufacture and load chemical mortar and howitzer shells, bombs and grenades.

Neighboring Redstone Arsenal, also built in 1941 to assemble explosives for the chemical shells and produce complete rounds, had been rocking along, kept in reserve for possible future needs. A few people stayed on to perform necessary tasks — caretakers, guards, firemen and administrators. From a wartime high of 4,400 the workforce had dropped to 250.

Then in August 1948 a couple of officials flew down to Redstone from Washington and casually told the commanding officer that they wanted to look over the arsenal as a possible site for a new activity. That's when the rumors started that some new mission might be coming to Redstone — maybe.

Yet by early Fall, Redstone

seemed to be slipping into virtual oblivion. The lieutenant colonel in command left, a captain took his job.

He moved his family into the CO's quarters at the head of Redstone Headquarters Circle and settled in for a normal tour.

One pleasant day in October he came home for lunch with a surprise. He told his wife that a message had come in that morning assigning a full colonel to Redstone.

The colonel, Carroll D. Hudson, arrived to assume command late in November 1948, the captain moved to company grade quarters pending transfer to another post.

Finally a public announcement was made in December 1948. Redstone had been selected as the Army's rocket arsenal. Redstone's future was looking up.

Over at Huntsville Arsenal, plans for disposition or use of the place kept changing. Three times it was announced that the installation would be sold, and each time it was withdrawn from the

auctioneer's block. Redstone's new mission obviously would require additional land for test ranges. Ultimately, Redstone absorbed its larger neighbor.

An organization called the Ordnance Research and Development Sub-Office (Rocket) had been set up at Ft. Bliss, Texas in 1946. It included the Von Braun team recently brought from Germany.

The group too needed growing room, better buildings and more space for static testing of rockets and missiles.

Representatives from the rocket office at Bliss came to Redstone in August, 1949 and took a look at the newly combined Redstone-Huntsville Arsenal complex. They liked what they saw and asked permission to move. It was granted.

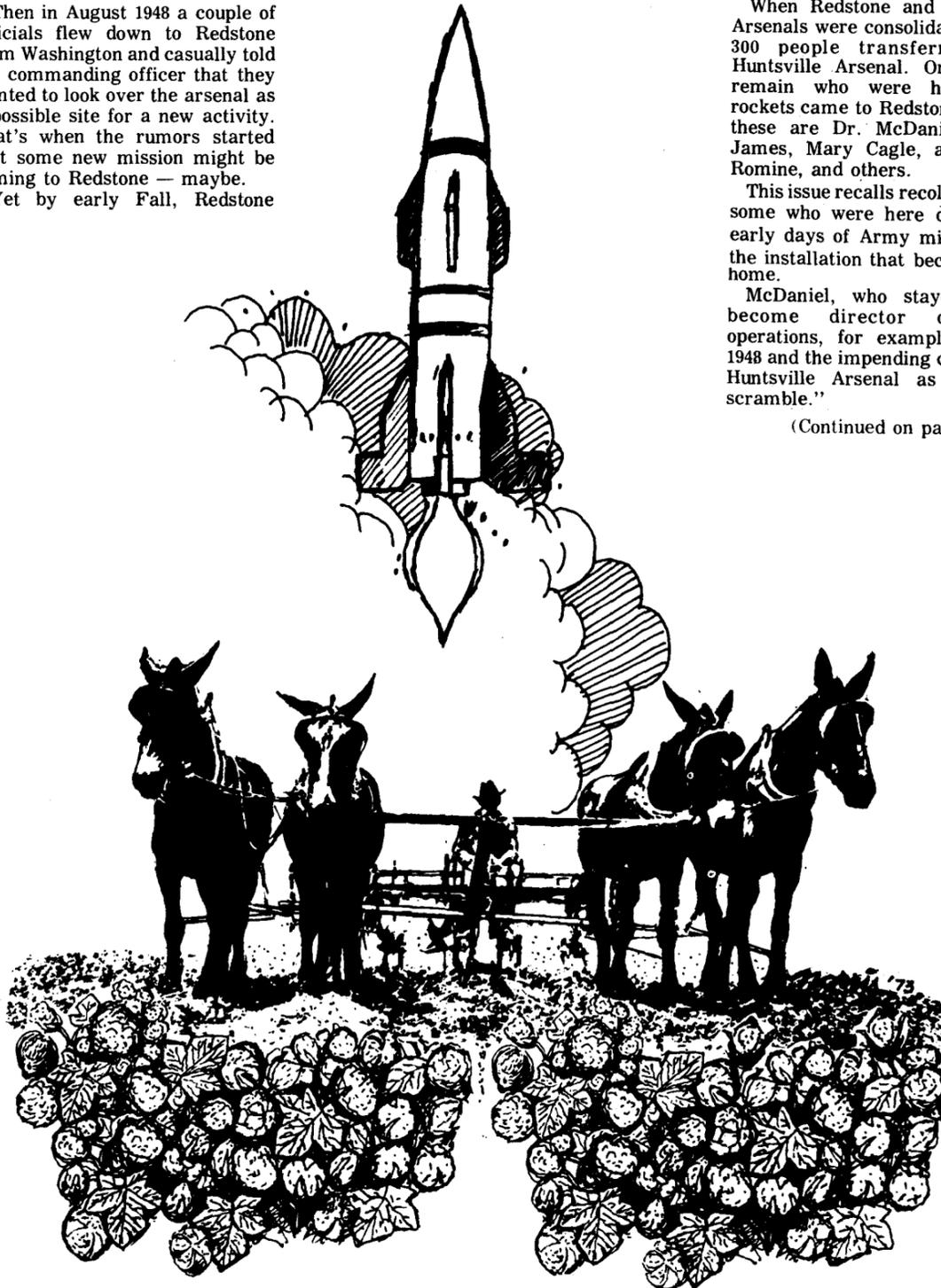
The Huntsville Times of November 4, 1949 said in an editorial, "The juicy news about Redstone Arsenal finally broke this morning — Removal of the Fort Bliss rocket research unit here will mean about 500 soldiers — 100 top German scientists — 65 civilians — will be transferred to Huntsville."

When Redstone and Huntsville Arsenals were consolidated, about 300 people transferred from Huntsville Arsenal. Only a few remain who were here when rockets came to Redstone. Among these are Dr. McDaniel, Frank James, Mary Cagle, and Mable Romine, and others.

This issue recalls recollections of some who were here during the early days of Army missiles and the installation that became their home.

McDaniel, who stayed on to become director of R&D operations, for example, recalls 1948 and the impending closeout of Huntsville Arsenal as "a wild scramble."

(Continued on page 10)



The Redstone Rocket

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Losers Pay In Lawsuits

When one party wins a lawsuit in a civil case, that party is entitled to recover his "costs." This can sometimes be substantial. By no means does it cover all the expenses of litigation. Generally, it is much less expensive to get competent advice that avoids litigation than to have the matter decided by a lawsuit.

Recoverable costs from the losing party include only those necessarily incurred. Costs merely for convenience in preparing or prosecuting the lawsuit cannot be recovered.

What is a necessary cost? Filing fees, service of process, expenses of attachment, costs of preserving perishable property attached, premiums on a surety bond necessary to bring the lawsuit, are all recoverable. So are costs for taking and preparing for the pre-trial depositions to discover facts before the trial.

Witness fees (\$12) for those subpoenaed, plus their mileage costs up to 150 miles can generally be recovered. In many lawsuits the cost of hiring an "expert witness"—a doctor, accountant or engineer—is a big item. Such cost usually is not recoverable unless the court calls for the expert.

If the losing party appeals and loses again, the prevailing party in the appeal is also entitled to costs. This is often a large item because the cost of preparing transcripts and printing briefs can be extensive.

As a rule, you cannot recover fees of an attorney as costs. Special cases involving dissolutions of marriage, probate, or written contracts may include reasonable attorney fees as a recoverable cost.

A big item in a prolonged trial are jury fees and mileage for jurors. If the case goes into prolonged deliberation, cost of food, lodging and other expenses for keeping the jury together are also charged to the losing party.

After judgment, the judgment-creditor is entitled to expenses incurred to enforce his judgment. Costs of having the sheriff seize assets and sell the debtor's property to carry out the judgment are recoverable—for example, the costs for towing away a car, storing it, and later selling it.



Ways To Cool It

It's another sweltering day and you're caught on the freeway, inching your way home. Between the stagnant exhaust fumes and the blaring of horns of irritated drivers, you've about had it.

The noise and air pollution situation is no fun for anyone, and the Army offers some tips on how to get more out of life besides hatred for other drivers.

— Don't drive a car when you don't have to. Walk or bicycle. It's better for you too.

— Don't drive alone to work. Join a car pool or take public transportation.

— When you start, avoid quick starts and stops. Don't leave the engine running while parked. Car exhaust is an air pollutant.

— Have anti-pollution devices on your car checked regularly. Also

match horsepower ratings of your car to your needs. Don't buy a high horsepower car for stop-and-go city driving.

— Install a litter bag inside your car. Don't throw paper and other debris along the highway.

Fans Away The Noise

(ANF) — The Army is checking into the possibilities of eliminating tail rotors on Army helicopters. Instead of a rotor to provide the necessary control force, a fan would be used.

The fan would be buried in the copter's tailcone, blowing air down to the tip of the cone. There, turning louvers would control the sideward movement of the helicopter.

One advantage of burying the fan in the tailcone is a significant reduction of noise — making the craft less easily detectable in combat conditions.

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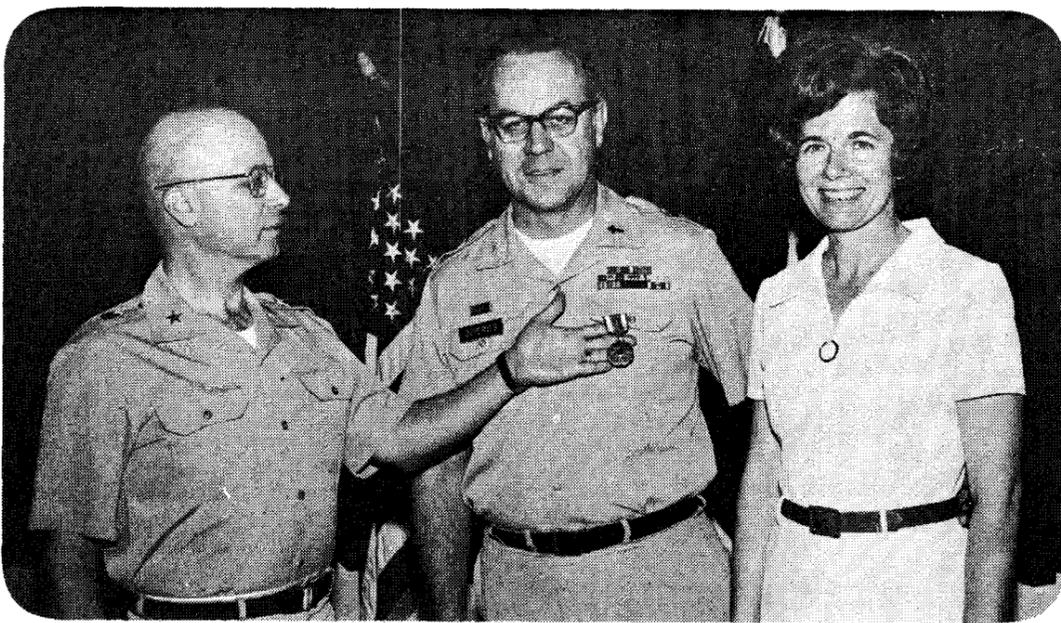
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CITED FOR MERITORIOUS SERVICE — Chaplain Richard Goeres received the Meritorious Service Medal Thursday for the work he did while on the Post Chapel Staff and as Chaplain for the Missile and Munitions Center and School. The award, usually reserved for division chiefs, was given to the major for outstanding programs which inspired participants. He is assigned now at the California Study Center in North Hollywood for a course in family counselling. The family left Huntsville Friday morning. Brigadier General Louis Rachmeler, Chaplain, pins the medal on as Mrs. Goeres beams approval.

Rustic Lodge Gets Priority

An operating budget of almost \$10,000 has been approved by the newly-organized 21-member Civilian Welfare Fund Council, according to the Council chairman, Curtis Gentry.

The budget is based on estimated monthly receipts of \$800. The Council receives two percent of the gross profits from the operation of the cafeterias and vending machines south of Neal Road.

"The receipts have pretty well

stabilized in recent months," Gentry said in releasing the proposed operating budget. "We are now able to look ahead a little and plan for activities that will benefit the largest number of Redstone civilians," he added.

The largest single budgeted amount was allotted for resumption of work at the Rustic Lodge adjacent to the Civilian Recreation Area, on a scenic bluff high above the Tennessee River.

Work at the Lodge has been almost at a standstill the past few years due to a lack of operating capital. It was designed as a site where Arsenal civilians can hold organization or family parties.

"Running water is available now at the Lodge," according to Gentry, "and within another few weeks electric service will be completed." It is anticipated that the facility will become more and more popular with civilians in the future for parties, picnics and even business meetings.

For this reason the Council is expected to give the Lodge high priority in future budgets to insure completion of the overall project as soon as possible.

The recreation area and the regular athletic programs for men and women will account for the great majority of the CWF expenditures over the 12-month period ending next April.

Gentry said that no new activities are proposed at this time. However, he added, "This does not mean that the door is closed to those not participating in the present events."

The Council will continue to investigate all individual requests for financial support of organizational activities basing their judgement on the extent of interest and the availability of funds at the time.

Congress OKs Early Retirement Option

A bill that would permit early retirement for civilian employees at installations where Civil Service Commission has determined reduction in force conditions exist has been passed by Congress and sent to the President for signature. If the bill is signed the retirement option would be open to employees who have 25 years of service or are at least age 50 with 20 years of service. Annuities would be reduced by two percent for each year a person is under age 55.

The 6.1 percent increase in annuities announced earlier goes to all employees who retire on or by June 30.

Transfer, But Stay Right Here

Under Operation Steadfast 80 civilian employees and 11 soldiers of the Redstone Arsenal Communications and Electronics Branch are being transferred to the Army Strategic Communications Command, effective July 1, 1973.

As part of the Army's reorganization, the assignment of Redstone personnel to STRATCOM is a step towards centralizing all communications management within the Continental United States under one agency.

According to Earl D. Hicks, who will be Director, STRATCOM

Agency, Redstone Arsenal Army Materiel Command, "All of the people involved will stay right here at Redstone. There will be no interruption of service and it will be business as usual. The only thing that will be different is the command we are responsible to now. If anything, the new changes should enable communications people to provide even better support to the Army Missile Command."

The 68 people who were involved in audio-visual activities are now members of the Audio-visual Division headed by Lieutenant Colonel Otto J. Hierholzer.



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Today is both the Army's birthday and Flag Day. On the 14th of June 1775, the Second Continental Congress, meeting in Philadelphia, authorized the enlistment of ten companies of riflemen from Pennsylvania, Virginia and Maryland to join the militia already fighting the British in New England. Two years later, on the same date, the Congress adopted a flag for the new nation in a resolution which read:

"Resolved, that the flag of the thirteen United States be thirteen stripes alternate red and white; that the Union be thirteen stars, white in a blue field, representing a new constellation."

And so we had an Army, the First Federal Force, two years before we had a flag. And we had a flag and an Army before we had a Nation. This relationship between our flag—the symbol of free men—and our Army, which is pledged to support and defend the flag and the Nation for which it stands, is unique.

It was through years of hardship and sacrifice by the newly formed Army that our Nation was born. Even so, the framers of our Constitution, reflecting the widespread fear among the colonists of powerful standing armies, found it necessary to devise a system of interlocking safeguards to assure civilian control of the military forces.

The President was designated as Commander in Chief of the Armed Forces, but Congress retained control, since Congress alone was given the right to declare war and appropriate monies for that use.

Even with these safeguards, the colonists were uneasy. And so, in periods of relative peace, the Army has often been much reduced in size, sometimes to little more than a skeleton force.

At those times there has been much debate about the Army's proper role in a free society such as ours. We are a peace loving people to whom the idea of the use of force is abhorrent. And, for that reason, keeping a large, standing Army when there is no immediate or apparent threat to our security may seem unnecessary.

It is appropriate, therefore, on this the Army's 198th birthday, to stop and reconsider the basis on which the Army rests. Why do we indeed need an Army at all? The answer lies within our Constitution, itself, the Preamble reads:

"We the people of the United States, in order to form a more perfect Union, establish Justice, insure domestic Tranquility, provide for the common defense, promote the

general Welfare, and secure the Blessings of Liberty to ourselves and our Posterity, do ordain and establish this Constitution for the United States of America."

The primary purpose of our Army, then, is to provide for the common defense. The Army must be ready, always, to defend the land against enemy forces. Public law says that the Army "shall be organized, trained and equipped primarily for prompt and sustained combat incident to operations on land." The Army must be prepared to win any kind of war that might be forced upon us.

It is the Army's primary responsibility to fight on the land in defense of the right of all Americans to live free and at peace.

And, because the Army does that job so well, because its forces maintain constant readiness, it stands as a great deterrent to war. There is no more effective warning to would-be aggressors than the knowledge that an Army of trained and dedicated soldiers waits patiently between them and their goal. If our Army was never called on again to fire on an invading force, its mission would have been successfully carried out. To prevent war, its destruction

Army Birthday 1973



"Impress on every man from the first to the lowest the importance of the cause and what it is they are contending for."

George Washington

GENERAL GEORGE WASHINGTON

and ravages, is as important a task as to fight it and win.

Further, a strong and dedicated military force is necessary to our position of leadership in the world. President Nixon has said, "Because America is strong we have been able to negotiate successfully. We must maintain our strength." It's the Army's responsibility to provide that strength.

The Preamble to the Constitution outlines yet another part of the role the Army plays. In addition to its combat role, the Army has always actively sought to "Promote the General Welfare." The list of the Army's contributions in this area is long. To name but a few: The Army was instrumental in exploring, mapping and building roads to open up the American West. Army engineers have made countless improvements to national rivers and harbors. Army medical men conquered malaria, yellow fever and typhoid. Army scientists devised a method to purify water, and developed blood plasma substitutes, flame proof fabrics and freeze dried foods. The free world's first artificial satellite was developed and launched by other Army scientists.

Accomplishments such as these de-

monstrate the Army's dedication to serving the Nation. Since those early days when it was first formed. The Army willingly set out to do whatever job needed to be done. In nine major wars, The Army successfully defended the people of the United States, at the same time seeking to promote their welfare in whatever way it could.

The Army continues its work in just that spirit today. Army personnel participate daily in a number of projects to help the civilian community. One of the most important of these is the Military Assistance to Safety and Traffic (MAST). Under the MAST program, military helicopters are used to evacuate civilian automobile accident victims and for other medical emergencies. These services have saved many lives that otherwise would have been lost.

Yet another of these domestic action programs at Fort Bragg provides Army doctors, medical corpsmen, engineers, chaplains and other special assistance to the people in surrounding counties. These Army personnel work to help improve medical care, hygiene, sanitation, educational facilities and utilities.

Others of these programs provide emergency aid to communities in distress. Army National Guardsmen and Reservists, as well as active duty personnel, have lent immediate assistance in times of natural disaster, such as that following tropical storm Agnes, and in the wake of floods and forest fires. The Army, in continued service to the Nation, is deeply involved in the civilian community.

And now, we return to our first question — why do we need an Army? What is the Army's role? The answer, put simply, is that the Army exists to defend and support the American people. And, for nearly two hundred years, it has done just that. The freedom which we enjoy, the independence for which our flag is the proud symbol, were won and preserved by our Army at great cost. The sacrifice, bravery and dedication of generations of American soldiers have truly secured "The Blessings of Liberty to ourselves and our Posterity."

It has been said that war is the most permanent of man's conditions. There has scarcely been a moment in the long history of the world without armed conflict. Our own Nation has seen nine major wars. In such a world, where lasting peace is yet an unfulfilled dream, an Army such as ours fills a necessary place. Now, as it has for 198 years, the Army stands ready to protect our freedom against any enemy. It is, at the same time, the Guardian of the peace.

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Optional Premiums Going Down

(AMC-10) The Civil Service Commission has announced a reduction in premium rates for over 500,000 employees and some 8,000 annuitants who carry the \$10,000 optional life insurance under the Federal Employees' Group Life Insurance Program.

The reduction is effective the first day of the first pay period that begins on or after July 1, 1973.

The reduction in premiums means smaller amounts will be withheld from pay and annuity checks, with a resulting increase in take-home pay ranging from slight to substantial, depending on the employee's or annuitant's age. For annuitants, this will begin with the August 1, 1973, checks which pay annuity for the month of July.

There are about 20,000 annuitants who have the optional insurance but who pay no premium for it because they are age 65 or over. Their annuity checks will not be affected by the reduction in optional insurance premiums.

Under the Federal Employees' Group Life Insurance law, employees and annuitants under age 65 must pay the full cost of the optional insurance and the Civil Service Commission must "from time to time" determine the cost.

The July 1, 1973, reduction is the result of a study in which the Commission determined that the mortality experience of the insured group had improved substantially. The mortality rate had been running 180 percent of that which would be normally expected but is now at 120 percent.

Age Group	Biweekly Premium		Monthly Premium	
	Present	New	Present	New
Under 35	\$ 1.30	\$.80	\$ 2.82	\$ 1.73
35 to 39	1.70	1.20	3.68	2.60
40 to 44	2.40	1.90	5.20	4.12
45 to 49	3.60	2.90	7.80	6.28
50 to 54	5.50	4.50	11.92	9.75
55 to 59	17.00	10.50	36.83	22.75
60 and over	19.00	14.00	41.17	30.33

1/ Changes in January following birthday.
2/ Premium is a proportionate amount for employees paid weekly or semi-monthly.

The former high mortality rate resulted from the initial large enrollment of older or disabled employees when the optional insurance was first offered in 1968 without regard to age or health status. Latest enrollees have proved to be better risks and so improved the mortality rate.

The new premium rates closely approximate the current cost of the optional insurance for each age group, with the cost of a 65-or-older annuitant's free insurance being included in the premium he pays while he is in the 55 to 59 and the 60-and-over groups. Optional insurance premiums were similarly reduced in April 1970 as a result of a similar determination.

There is no change in premium rates for the regular life insurance nor has the Commission declared an open enrollment season at this time. These are being considered in conjunction with some

other possible changes in the Federal Employees' Group Life Insurance Program, and notice will be given later.

Meanwhile, an employee who declined the optional insurance may cancel the declination if it has been in force for at least one year, he is under age 50, and he furnishes satisfactory evidence of good health.

In this connection, the Commission cautions, however, that for an employee to keep the optional insurance after retirement, it must have been in force for all his service since April 14, 1968, during which it was available to him.

Drive Safely

Honorable Mention



LARRY HOGAN

Specialist Five Larry M. Hogan, an administration specialist for the 3rd Battalion at MMCS, received honorable mention recently for an essay he submitted to the Freedoms Foundation at Valley Forge.

The 23-year-old native of Salt Lake City, Utah wrote a 500-word essay on "Freedom Has a Price."

A soldier for 26 months, Hogan has been at Redstone Arsenal about a year.

Splashers Open Season Tonight

First competition for the swimming teams coached by Pete Dwyer is tonight in the Special Services pool at 6:30 p.m.

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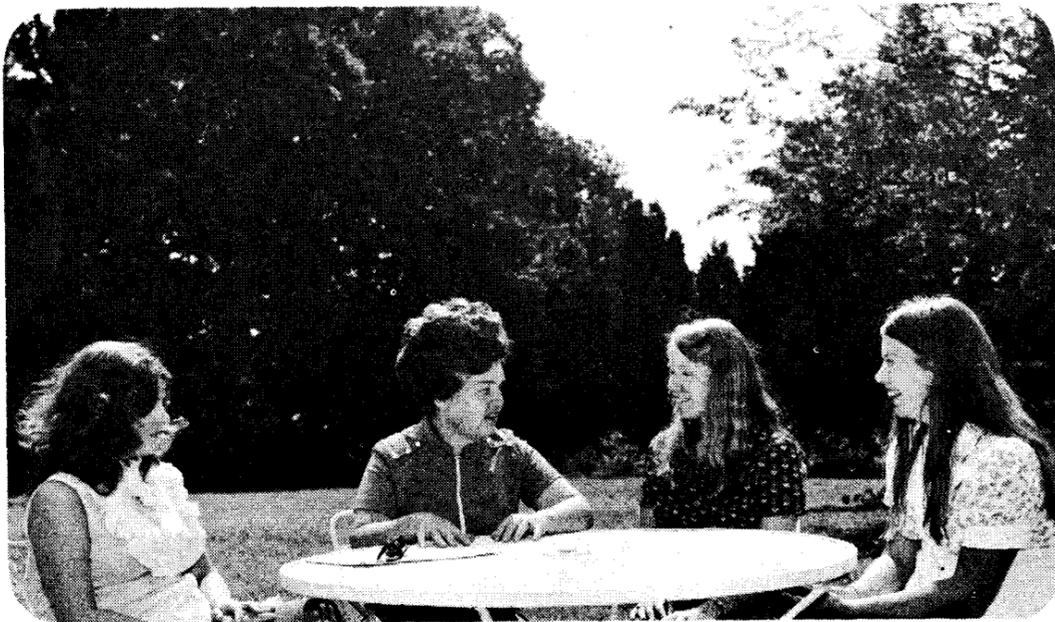
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NCO WIVES SCHOLARSHIP WINNERS — (Left to right): Beverly Aimer, Helen Havner, Linda Morgan, and Patricia Salkil discuss the scholarships awarded by the NCO Wives club.

Scholarship Grants Made By NCO Wives

The Redstone Noncommissioned Wives Club have presented scholarships amounting to \$2250 to three spring graduates from Butler High School.

Patricia Salkil, who maintained a 95.6 average grade through all three years of high school, plans to enter the University of Alabama in Huntsville in the Fall. She received \$1,000.

Beverly Aimer was presented \$750. She plans to attend Auburn University.

Linda Morgan was awarded \$500. She will study at Casper College in Wyoming.

All three have received acceptance letters from the college of choice.

Helen Havner and Billie Gilliam served as chairman and co-chairman. The Wives Club members work year round at raising funds for the scholarships and for other mutually beneficial projects.

Dependents of both active and retired personnel are eligible for the scholarships so long as their mothers belong to the Wives Club.

Post Theatre

THURSDAY-FRIDAY
"Walking Tall" (R)
INCREASED ADMISSION: adults 75c, children 35c

FRIDAY (Late Show)
"Bloody Mama" (r)

SATURDAY
"Charlotte's Web" (G) showing at 6:00 p.m.
"Vanishing Point" (PG) showing at 8:30 p.m.

SUNDAY-MONDAY
"Lolly-Madonna" (PG)
INCREASED ADMISSION: adults 75c, children 35c

TUESDAY
"Kansas City Bomber" (PG)

Two shows nightly at 6:00 and 8:30 p.m. except as noted as above. Sunday matinee at 2:30 p.m.



Yard of Month

May winners in the Yard of the Month competition received awards Thursday from Colonel Marvin L. Worley, acting deputy post commander, at a gathering at the Post Service Club.

OFFICERS QUARTERS

Old MCA area LTC Carlton M. Lowery, 37 Ripley.
New Capehart, Major Craig R. Ailles, 278 Skinner.
New MCA, LTC Frank W. McMullan, 465B Tripp.
Old Capehart, CPT Dennis E. Kaczowski, 370C Wesson.

EM QUARTERS

SGM Raymond M. Bateman, Jr., 7125 Headquarters Circle.
Wherry, Mrs. Horace E. Kinch, 1136A Buffington.
Capehart, SP6 Robert A. Byers, 1259A Hermes.
Old MCA, SFC Ronald B. Ford, 1380 Lance.
New MCA, SSG William D. Veith, 1402D Spartan Plaza.

Protestant Women

The Protestant Women of the Chapel will meet in the Social Room of the Post Chapel at 9:30 a.m., June 19.

Chaplain (Major) Stewart B. Lawrence of South Hills Presbyterian Church, Charleston, West Virginia.

The guest speaker will be All women are invited.



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New Slate Of Officers Installed By JANGOs

The Junior Army Navy Guild Organization held a mother-daughter luncheon at the Officers Open Mess June 4.

The newly installed officers were introduced. As a special guest, they entertained Mrs. Edwin I. Donley, the honorary chairman for the organization.

New officers include Frances Shunk, president, Cheryl Beal, first vice president, Gloria Kinch,

recording secretary; Karen Ray, corresponding secretary; Deborah Loshbough, newsletter and ; Pat Morgan, second vice president; and Donna Vaughn, treasurer.

The JANGOs also have a new chairman: Mrs. Robert White. Marion O'Neal serves as co-chairman and training officer.

The girls work as nurses aides at the Army hospital and in the dental clinic. JANGO is a world-wide organization for dependents of military personnel and is operated as a non-profit venture to help form a link between military dependents and members of the community.

The girls have worked at the Harris home, an orphanage, and in a rest home in Huntsville.

Teen Club Sets

Splash Party

The Teen Club is the first group to reserve the NCO Open Mess swimming pool, setting aside June 20, for a splash party, starting at 7:45.

All military dependent teenagers, holding ID cards are welcome. The swimming will be free for club members, but a small fee will be charged for guests.

There will also be a musical combo on hand.

Creative Rock

The Service Club has booked one of the hottest rock groups around, The Hallelujah's from Nashville for Sunday evening. The show starts at eight.

The Hallelujah's consist of seven members, two of them female vocalists and dancers. They have been together two years and have played on many major college campuses in the South East. Most recently they worked with Dennis Yost and the Classic-IV.



NEW OFFICERS — Junior Army Navy Guild Organization officers for the coming year recently attended a JANGO mother-daughter lunch at the Officers Open Mess. They also introduced the new officers who are (left to right): Karen Ray, corresponding secretary; Deborah Loshbough, newsletter; Frances Shunk, president; Pat Morgan, second vice president; Cheryl Beal, first vice president, and Gloria Kinch, recording secretary. Approximately 22 girls are active JANGOs. New training classes will start in the fall, but interested girls can attend the summer meetings to learn what it is all about.

RSA Disposal Function Put Under DSA Control

Redstone Arsenal's property disposal functions, formerly under the Station Supply and Stock Division here, have become a part of the Defense Property Disposal Service, a major new Defense Supply Agency activity based in Battle Creek, Mich.

The property disposal branch here is redesignated Defense Property Disposal Office — Huntsville and becomes a Redstone Arsenal tenant activity. Fourteen civilian workers affected will remain here, but henceforth in DSA employ. Regular auction procedures are unchanged.

The Huntsville office is one of more than 200 established in a worldwide network integrating materiel reutilization and disposal functions under a new management system. The integrated management assumes operations formerly conducted by the military services and other Defense activities.

The office here disposes of property from Army and NASA activities on post and a few small Defense activities elsewhere. Under the new setup, the Huntsville office is managed by the Defense Property Disposal Region-Memphis, as are 15 other offices in 13 southern states. The Memphis region also manages property disposal at five Caribbean-based Defense activities.

When completed in July, the worldwide network will have five regions geared to the most efficient disposal of Defense materiel. The regions are responsible to Defense Property Disposal Service.

A DSA fact sheet states: "New efficiencies will be achieved primarily through integrated management, greater uniformity and centralization of accounting procedures and more application of modern reutilization and marketing techniques. Operating

costs will be minimized through optimum use of common administrative and facilities support, including computer systems.

All surplus property is not sold. If a place for it cannot be found within the Defense Department, it is offered first to other Federal

activities and then eligible donees are sought in the private sector, such as schools and institutions. Failing this, it is sold.

VALLEY MARINE WEEKEND CLEARANCE SALE

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RUNABOUT SPECIAL

1973 14' Sea Star 40 HP Mercury electric start 1250 lb. trailer was \$2195. NOW \$1895.

1973 14' Alacraft

50 HP Mercury electric star, 1000 lb. trailer. was 1999 NOW \$1695

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90 HP Mercruiser, I.O. rebel trailer. was \$4155 NOW \$3250.

1973 16' Warrior

pro model was \$1695 NOW \$1135.

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14' Alacraft

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(ANF) — National Guardsmen and Reservists now have full PX privileges during their weekend drills. Before, they had only partial access. Now they can buy anything they want.

This new policy, however, does not apply to their families. As for the two-week active-duty summer camps — National Guardsmen and Reservists — and their families — will continue to have full PX privileges — the same as before.

Medal Of Honor Winner

(ANF) — The 1973 Army Brigadier General selection board has recommended 55 colonels for promotion to the one-star rank.

Among the 55 are three black Colonels — one of them a Medal-of-Honor recipient. He's Colonel Charles Rogers who'll be one of two Army Generals on active duty to hold the award.

A Rewarding 33 Years

Arthur W. (Pete) Peterson, Chief of the Air Defense Maintenance Engineering Division, Directorate for Maintenance, retires June 29 after more than 33 years of continuous government service.

He began his government career in 1940 in the Publications Division at Raritan Arsenal, Metuchen, New Jersey shortly after receiving a BME degree from the University of Minnesota.

In 1941, he was inducted into the Army where he served first as an enlisted artillery specialist and then as an officer in the Corps of Engineers, seeing service in New Guinea, the Phillipine Islands, and Japan.

While he was a platoon leader in a Combat Engineer battalion, his outfit built the longest Bailey bridge in the Pacific theater. A Bailey bridge is designed for rapid construction from interchangeable

lattice panels of high-tensile steel).

He returned to civilian status in 1946 and served stints both at Raritan Arsenal and in the Office,



Chief of Ordnance, Washington before coming to Redstone in 1953. He has continued in the maintenance field throughout the many changes in organization that have occurred and has been a division chief with the National Maintenance Point since 1963.

In 1971, he received the unusual honor of a Certificate of Merit signed by four general officers for his work on the joint-service Commanders' Panel for Source, Maintenance, and Recoverability Codes.

He was presented the same year with the MICOM Senior Executive Award "For his vital and historical executive contributions to the Army's Logistic Program."



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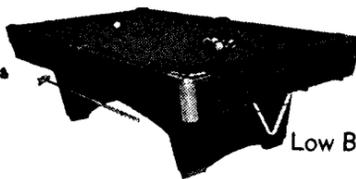
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Good camping unit, blue.
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Green, vinyl roof, radio, sharp.
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White, am-fm radio, leatherette, sharp.
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Green, 7 passenger, radio, sharp.
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Red, 7 passenger, radio, nice.
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White, leatherette, radio, nice car.
- 1970 VW SEDAN \$1695
Blue, leatherette, runs good.
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4 speed, good transportation.

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Automatic, air, camper cover, only 11,000 miles.
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Appeal By State Expected

MONTGOMERY — The State Attorney General's office has indicated Alabama will appeal a decision by a federal judge last week who dismissed the state's suit against the Army and the Tennessee Valley Authority.

The state filed the suit last year charging the federal agencies were violating its air pollution control law by operating steam plants — including those at Redstone Arsenal — without obtaining permits from the state.

U.S. District Judge Frank H. McFadden issued a ruling last week in Birmingham federal court dismissing the state suit on motion by the Army and TVA who contended that the government has sovereign immunity from state actions and is not required to comply with state administrative functions.

Both federal agencies, however, have said they would comply voluntarily with state air pollution control standards.

Electronic Technicians

The Atlanta Region office of the Federal Aviation Administration is recruiting electronic technicians at the GS 5 and 7 levels to work in one of the eight states served by that office — Georgia, Florida, North and South Carolina, Alabama, Kentucky, Mississippi and Tennessee.

These are developmental types of positions, but some experience or training is preferred.

To apply, send a Form 171 to: Federal Aviation Administration, P. O. Box 2063, Atlanta, Ga. 30320.

Logistics Engineers

Election of officers for the coming year will highlight the regular monthly meeting of the Society of Logistics Engineers, Thursday evening at the Officers Open Mess.

Guest speaker for the evening will be Oscar Soler, a senior engineer with the Raytheon Company. Soler will speak on, "Reduction of Maintenance Costs in Radars."

The meeting gets underway at 6:30 followed by dinner an hour later and the technical session.

June 14



Flag Day

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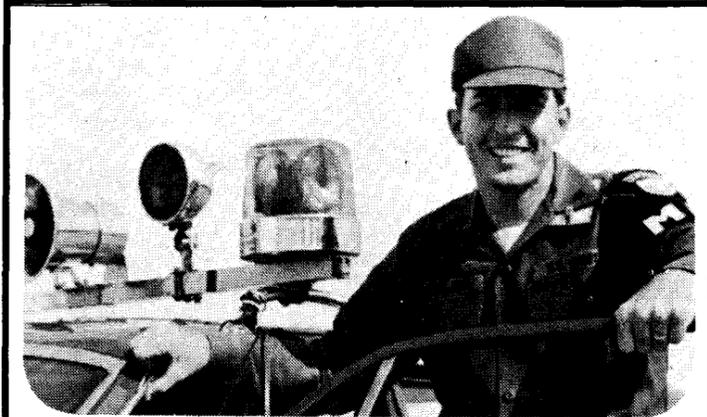
After Judge McFadden issued his decision, Assistant Attorney General Henry Cadell said the state would appeal because the issues involved in the suit were "extremely important."

The Missile Command has three coal fired steam plants at Redstone Arsenal. The two major steam plants, which each contain four boilers, are being converted to burn natural gas as a primary fuel

and high grade fuel oil as a backup, secondary source.

Two boilers in each of the main plants are expected to switch to gas fired operation by mid-August. The total conversion is scheduled for completion by the end of the year.

Gas-fired operation will bring the Redstone Arsenal emissions well below state air quality standards.



That's My Reward?

Specialist 4 Ricky Dunlap of the 291st Military Police Company stopped his patrol car to yield the right of way to a family of skunks crossing Ajax Road.

They stopped and he grew concerned because more traffic was approaching. He got out of the car, shouting and waving his arms, downwind from the family.

The alarmed skunks unleashed a barrage of ammunition. The patrolman retreated to Military Police Station where Captain Darryl Yank, provost marshal, Richard Byrd, traffic officer, and other members of the Internal Security staff ordered another retreat.

Three tomato juice baths restored Dunlap to normal. His comment: "Never again will I try to help a skunk!"

Gen. Ellis Named Deputy At AMC

Major General Vincent H. Ellis, highlighted by key assignments as a logistician and several AMC Command, has been designated AMC Deputy Commanding General for Logistics Support effective July 1.

He succeeds MG Theodore Antonelli, reassigned as DA Assistant Deputy Chief of Staff for Logistics.

Ellis' military career is

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(Continued from page 1)

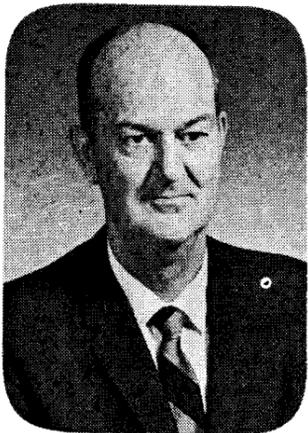
"People were trying to haul out all sorts of things in their cars," he said. "Once a week there'd be a shakedown at the gates, and MPs found everything imaginable people could stuff in their cars and trucks. I saw all kind of things strung along the road where the MPs had pulled them out of private vehicles. I remember seeing a bathtub there one day."

"There was a 10,000 gallon tank of grain alcohol at the Lewisite plant — you know that was prized stuff in a dry county. People would put it in five and 10 gallon containers and try to haul it off the arsenal to sell it. They even put it in the car radiators. When the MPs stopped cars for a shakedown, they could smell the ones with alcohol in the radiators."

"We were all concerned about what was going to happen to our jobs as Huntsville Arsenal dwindled away. They sent me up to Camp Gordon to see about a job, but I didn't want to work there. I deliberately flunked tests so they wouldn't offer me a job."

"The business of reducing personnel is well organized now, but it wasn't then. A RIF notice would come in the mail. When jobs were coming and going, we'd thumb through our in-baskets to see if we had a notice. Since I've been here, I've been RIFed six times!"

"I transferred to Redstone as an



JOHN MCDANIEL

electrical engineer. One of my first jobs was on the antenna at the commanding officer's quarters. The antenna sat on a high pole. I'd climb up there and adjust the antenna while someone inside the house watched the set and shouted when it looked good. There was 'snow' on the screen as big as golf balls, but that was good in those days."

"We all worked with our hands. We wore khaki pants and shirts — we didn't get all dressed up."

"If we needed a piece of equipment of some instrumentation we couldn't get otherwise, we'd build it ourselves. I figured I invented or designed a number of things out of necessity."

"We had fun too. Our small technical library had only one book on rockets titled 'Rocket Fundamentals.' If you went to the library and it was out, Cleo Cason would recall it. I went in one day, got the book and signed 'Joe Stalin' — instead of my name on the checkout card."

"The next day I went back and asked for the book. Cleo said it was out. I asked her to look up who had it and recall it for me. She pulled the card and gasped when she saw

it was signed out to Stalin.

"Frank James was my boss, and he believed we should be conservative about taking trips. If anyone wanted to make an official trip, he had to read all of the literature available on the subject he expected to discuss at his destination. Then when he got back, he had to report everything he learned to his supervisor."

"Imagine doing that now — reading everything on a subject before taking a trip."



FRANK JAMES

"My first private office was in a building down toward the river that had been a restaurant during World War II. We were firing 2.36 rockets on the test range. (According to history the first two rockets were fired on Redstone Tuesday, September 20, 1949. A small test range had been set up east of Patton Road south of the warehouse area. A static test stand was located behind Bldg. 7120, and a rocket motor was fired on this static test stand August 8, 1949. Existing material and rockets were used for testing.)"

Frank James, now the Director of the Propulsion Directorate and a special assistant to McDaniel, was the first Huntsville Arsenal employee to transfer to Redstone.

"I left them cleaning out Huntsville Arsenal, then found I'd joined a non-existent research organization, the total personnel consisted of one colonel and one civilian — me — at first," James said.

They set about recruiting scientific and technical personnel for the new Redstone mission. "I was escorting people considering coming to work here on tours of the town and arsenal. I recall I loaned my camera to one man so he could take pictures of possible places to live in town to make it easy to convince his family to come."

"Another change I've especially noticed is the growth in the complexity and volume of paperwork. In the beginning we worked toward an end product first, and that served as the documentation of accomplishment. Now we document every step — probably a natural result since there are so many support organizations involved these days."

James says that the early people went along in missile and rocket development work, they didn't pay too much attention to recalling what happened as they were always looking forward to and discussing what they were going to accomplish in the future. "The work was exciting from the beginning since the field was new," James said.

Redstone got its first missile soldiers when the 9330 Technical Service Unit arrived from Ft. Bliss, Texas in mid-April, 1950. The unit had been established late in 1945 as a guided missile

Army Missile Veteran

organization and participated in the initial research and development of missiles.

"We found Redstone a strange Army post," William Harkins recalls. Now working for MICOM, he was a sergeant with the 9330th when the move from Bliss was made.

"About 30 of us came ahead of the rest to set up a supply system. We had a time trying to draw equipment. Redstone just wasn't geared to our kind of operation. We had become accustomed to Bliss, an old, established troop installation."

"Redstone had no post exchange, no laundry service, no shoe repair shop, no dental clinic. We found out it was about like starting a completely new post."

(Mary Cagle of the MICOM Historical Division was working in the Redstone Adjutant's office at the time. She said that repeated requests for people and funds to operate such services for troops were consistently denied as the Army would not furnish them until a considerable number of military personnel were actually on post.)

Harkins said that many of the men in the 9330th were professional engineers serving their obligated Army tours. They were graduates of most of the well known engineering schools in the country. A lot of them stayed on at Redstone in civilian jobs after they got out of the Army.

"At the time there was no other unit in the Army like us. We were sort of forerunners of the Army's scientific and engineering program for enlisted men," he said.

"It wasn't beer in the barracks and private rooms with draperies for us. I guess I'm old fashioned, but I liked it the way it was."

A unit year book put out by the 9330th in the early 50s tells of the company's early history. A sample entry: "On April 16, 1946, personnel of the 9330th TSU participated in launching of the first V-2 rocket fired in the United States."

One of the officers who moved to Redstone from Bliss was Joseph Sestito, then a captain, now a retired lieutenant colonel living in Alexandria, Va.

A large, blond, cheerful man, he served as the security officer for the group.

"All the government office equipment, tools and supplies we could get at Bliss were World War II stuff that was excess at other installations," he recalls.

"When we were planning to

Fire Fighting Made Different

Mike Foster, who has been assigned in rocket and missile research and development work since 1949, was working at Huntsville Arsenal in 1948.

"We were de-militarizing Chemical Corps. munitions sent back from overseas by the American Occupation Forces,



MIKE FOSTER

move to Redstone, Third Army told us they had absolutely nothing of the kind to furnish us. We figured we had to bring what we had with us."

"As we collected surplus property for our use at Bliss, the commanding general assumed it belonged to his post. He was opposed to having it moved to Redstone. It took some fast talking to keep it off the property books."

"When we moved, we'd load flat bed trucks at night, then sneak out in the early morning going like hell across the desert to the highway. I'd follow in my car until the trucks were safely beyond the confines of Bliss."



AL MULLER

Donald Graham of the Missile Research, Development and Engineering Laboratory was working in the Ordnance Office in Washington when he was asked if he would like to go to Ft. Bliss as a safety officer for a group that had been stationed there to do rocket and missile research.

"We were getting off in areas no one had ever trespassed before — safety regulations for various new areas in the missile field. We had to write them based on our own experiences as we went along," Graham recalls.

"When I would take our proposed regulations back to Washington for coordination and discussion, I got comments like 'Gee, that's real interesting.' We were writing our own tickets because there were no precedents that fitted the situations."

White-haired, young looking Graham obviously enjoys remembering the early experiences they had with missiles.

"One time we wanted to test a

some of it German and some American," he recalls.

"We took the stuff apart for the scrap metal, and some of it had to be a hand operation. A workman was out in front of the building one day trying to get some stuck rivets out of magnesium scraps when the piece he had caught on fire."

"Now instead of throwing the scrap out in front of the building, he threw it back inside and the fire spread to the rest of the magnesium."

"The roof blew off the warehouse and the building burned. The fire department was called, they came, but they threw water on the fire. Water just makes a magnesium burn faster. You have to put oil on magnesium fires, but the firemen didn't know that."

"The concrete slab where that building stood is still over in the Missile and Munitions Center and School area."

Foster transferred to Redstone in September, 1949 and was one of the first members of the rocket research and development staff at Redstone.

rocket engine at a high altitude. We heard about a base in California we could use, so we went out there and extended a road they had built up a mountain. We got up to 10,000 feet. With the engine on a tractor trailer, we started a perilous trek up that rough road."

"We made it but we were all prepared for the trailer to bounce off the road and roll back."

"The scientists and engineers from Germany were good teachers. Our enlisted men in the 9330th TSU worked with them in the shops and learned a lot about mechanics and electronics. These soldiers turned into a pretty sharp outfit."

"When we got ready to take the engine to California, we covered it with camouflage material. We thought we had a secret from the public until we stopped at a cafe for lunch one day and highway patrolman came in."

"He came over and asked if we were with that tractor trailer out in the parking lot that had a guided missile engine on it!"

"He told us everyone down the road had been talking about that truck with the missile part on it."

Graham looks back on the days they spent at Bliss with some nostalgia now, especially the unorthodox things that happened.

"We got crowded for space at Bliss. We were sandwiched between Bliss and Biggs Field. One night we moved the fence back to give ourselves more room. The CG of Bliss was on the phone the next day to order us to move the fence back where it had been."

Some of the people who moved to Redstone from Ft. Bliss in 1950 were employees of General Electric Co., the support contractor for missile in-house experiments and designs originated by Army personnel.

The contractor's work at Bliss was an extension of a contract being executed by GE for the Army on the Hermes missile program.

Al Muller, who is now of the MICOM Procurement and Production Directorate, was one of the GE employees who made the move to Redstone. He recalls that originally the Army planned to make a manufacturing arsenal where missiles and rockets would actually be produced.

GE hadn't wanted to be a missile



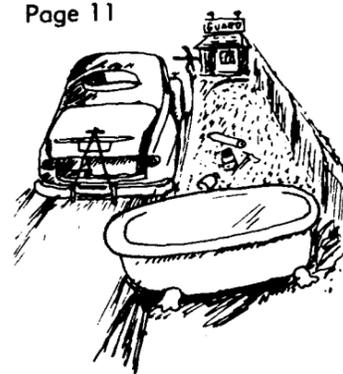
ARGEON TAYLOR

prime contractor. In fact, the Army had to beg contractors to bid on missile work, Muller remembers, because the future looked pretty uncertain.

Muller said that Redstone was chosen to be home for the budding missile program not only for its permanent buildings and other structures, but also because it had space for static firings.

"Once the program started growing," Muller recalls, "There was a fear that well qualified people wouldn't come to work here. Very few people had ever heard of

Let's Tell It Like It Was



Huntsville or Redstone Arsenal." Muller was the shipping officer for the move. Paul Schaeppi, also a WAC employee, then was to receive the material at Redstone.

"I still see a desk or piece of furniture around Redstone once in a while with a yellow stencil on it that says Transportation Officer, Redstone Arsenal from Ft. Bliss, Texas," he said. Muller and Schaeppi both



JIM FAGAN

came Army employees after being at Redstone a short time. "The whole business of missile work opened a new era in Army acquisition procedures," Muller said. "There were no ground rules. We had to collectively develop new ones. There was just nothing available as a guide on buying sophisticated items like missiles. "We were constantly challenged. We had to work out new techniques with the people in Washington headquarters from the ground up. That was good procedure for trying guns just didn't work for missiles.

"In those days source selection for a missile producer was quite different. Very few contractors were experienced or interested in missile systems. As a result many bids were made to interest and identify potential sources to meet a particular requirement. Muller is still working on missile procurement, but in a vastly more complex atmosphere than he knew the first days of the missile era. Jim Fagan sits in an office in the executive suite of Building 4505 day and speaks quickly and precisely about his last 20 or 30 years in the missile business. He talks about how he got involved in the first place, and of many things that happened to get the programs underway.

He is now the science and engineering advisor for the Missile Command's Research, Development, Engineering and Missile Systems Laboratory Directorate. Fagan was working for the Ordnance Department in Washington when he was drafted to the Army in June, 1945. Following basic training, he was assigned to Ft. Bliss, Texas with a small group in an R&D sub-office to receive, process and interrogate some German scientists the Army brought in under Operation Overcast.

"I got hooked on the missile business as the result of that assignment to Bliss. When I was discharged from the Army in the fall of 1946, I stayed with the sub-office group as a civilian employee," he recalls.

"In the early days, the missile business was a very personal, exciting affair. Anyone with an idea could try it out in the shop. Everything was relaxed and informal. We all had experiments we wanted to try.

"Some of the experiments were very personal — totally unrelated to rockets and guided missiles.

"One man had a plant he would put in a sunny spot, then turn it as it would seek the sun. He kept turning it until it eventually twisted its head off!

"We had Project Blossom. We had never been 100 miles in the air before — so we had an experiment to send up a missile, then return it by parachute.

"There were problems with re-entry — heat. We took a V-2 plus a WAC Corporal and put a new coating on it — teflon.

"Our shots were straight up, then straight down."

Fagan said that initially the German scientists were under security wraps so they couldn't be told any American technical details. "Once we got a request to investigate re-entry, and we had to tell the Germans something — but what? They told us not to worry. They had seen a picture of a WAC Corporal on the cover of Popular Mechanics and had been able to tell from the scale what the performance was."

"We were using some old wooden barracks as offices at Bliss, then later we moved into the William Beaumont Hospital annex. We got \$4.5 million in military construction funds for a suitable building. It didn't get built.

The commanding general at Bliss had said we could have some sandy tracts behind the buildings we were in, but when the money was authorized, he withdrew his offer and wanted us to go to the other side of Biggs Field which wasn't a suitable site. We decided we had better look for a better place somewhere else.

"I think it was about August in 1949 when Jim Hamill (Major Hamill who commanded the group



REBON SMITH

Tour Guide For Job Prospects

Twenty-five years ago Louis K. Sisco was busy compiling data as to the space and type of facilities available at Redstone to interest new activities in moving to the arsenal.

"I even color-coded maps to indicate the various usages that every building could be adapted to," he said the other day. "The maps and statistics were submitted to the Office, Chief of Ordnance.

"Personnel from Washington and those from other interested agencies visited Redstone and I gave them the 'grand tour.'

"It's gratifying to me to know that his small effort played a role in the decisions to utilize Redstone as a back-up depot for Anniston Ordnance, to make Redstone the Rocket and Missile Center, and to establish the Guided Missile School here."

Sisco is now employed in the Directorate for Product Assurance. He started to work at Redstone when the arsenal was being built and was employed by

at Bliss) said to me 'Let's get a plane and go see what Redstone looks like.'

"We came to Redstone, there was a little reception for us at the Officers Club, and the next day we were shown the vacant buildings at old Huntsville Arsenal.

"Those buildings looked grand to us — permanent types — lots of space in some that weren't exactly permanent types, so we went on to Washington and requested that our group be transferred to Redstone.

"General (then colonel) Toftoy got approval for us within 12 or 14 days. All plans for construction at Bliss were halted. We gave up our \$4.5 million construction funds as part of the agreement for the move.

"I remember that Huntsville wasn't too enthusiastic about us because at the time they were trying to get the Air Force to locate the projects at the Huntsville Arsenal that went to Tullahoma. By the time they finally found out we were coming, they knew the Air Force project was out, so our arrival was good news."

Shortly after the group moved from Bliss, the Korean War was getting hot, and it was decided to field missiles as soon as possible. "We had to get off our hobby horse and produce missiles," Fagan recalls.

"One of the first decisions was to convert the WAC Corporal (an experimental high altitude rocket) for surface-to-surface use in the field. This marked the first transfer of a missile project from an in-house effort to a national project.

"That meant we had to have a procurement office. We did, with just one young lieutenant to head it.

"We didn't know anything about contracting for missiles and the contractors didn't either. We decided to have a bidders' conference. We stood a Corporal missile up and had a few incomplete drawings to show contractors. In effect, we said to them, 'There it is. How much can you build one for?'

"The low bidder was a company whose only experience was building nickel soft drink vending machines. Since it looked like their experience was so limited, we went to the next lowest bidder, Firestone Tire and Rubber Company. They were to produce the first Army missiles.

"With no experienced staff to work on missiles, they hired university professors and graduate students to do the designing."



LOUIS SISCO

the Constructing Quartermaster for a few months. "I thought I'd better transfer to the then Redstone Ordnance Plant so I'd still have a job after construction was completed," he said.

According to Fagan and others who remember the missile problems of the early '50s, some situations were utterly chaotic. "There were no technical data packages, we started to field the Corporal without any plans. The field service operation was completely disorganized.

"The Korean War lent emphasis to the Nike Ajax program too. The top amount of money ever given for a year of development was \$9 million — until then it had \$1 to \$1.5 million," he said.

Fagan turns back in his recollections to the situation when they first moved to Redstone. He said the group moved with no money. "So it turned into a do-it-



DONALD GRAHAM

yourself project. Scientists, engineers, everybody turned into carpenters, electricians, or whatever skill was needed to get a lab set up in what is now the Redstone Army Hospital. We did get enough money to convert one part into a guidance and control lab — \$250,000.

"One set of buildings we used were called the Keller buildings where a Keller car had been put together after World War II. This gave us magnificent floor space. The buildings in that area were sheet metal, there was no kind of air conditioning authorized, so we rigged up pipes which allowed water to run down the roof and take the temperature down from 130 to 115 degrees inside.

"We finally got \$1.5 million for a building, but lost it because no master plan could be agreed upon!"

After missiles started going to troops, it was back to the Southwest for troop training in the early '50s. The firings were at McGregor Range near Ft. Bliss, and one of the men who represented Redstone there was Robert P. Merchant. He is now a retired lieutenant colonel living in Springfield, Va.

He recalls, "The major problems in Corporal came from Cal Tech using available surplus equipment in their design, and then turning the semi-designed system over to Firestone, Douglas and Gilfillan. I sometimes wondered how a nice tire manufacturer like Firestone started building missiles.

"Using obsolete equipment for Corporal made real problems for the contractors. I remember one part that Gilfillan needed for a radar. They got the official Ordnance Corps drawings and found a note saying, 'See Sam in the metal shop. He knows what the part looks like now.' So Gilfillan traced Sam to some place in upper New York state and found that he had died about a year before."

Merchant recalls that firing procedures were sometimes not compatible with missile equipment.

"I claimed credit for solving, to some extent, the equipment compatibility problem," he has

said. "I convinced Field Service and the Industrial Division to establish a system where all components were matched up by the contractor prior to delivery to the firing unit.

"Western Electric Co. had responsibility for the checkout and named it 'ring out' after the telephone practice of 'ringing out' each telephone after installation. This was corrupted to 'wring out.'

"The procedure solved about 90 percent of the equipment compatibility problems, but documentation lagged far behind. At times it was literally impossible to fire a Nike with the procedures that came with the system.

"So the contractor would make changes during the shoot to enable the firing to take place. Unfortunately this channel didn't make permanent changes to existing publications.

"So again at the scene at Ft. Bliss, we took our own action. After each firing of Nike, one contractor from Douglas, one or two from Western Electric Company (WECO) and a couple from the artillery firing unit would sit down and re-write pages of firing procedures.

"My secretary would mimeograph them and would mail and distribute them to everyone who seemed to need them — several hundred copies in all. (We also did a similar thing for Corporal before we did this for Nike).

"During the early days of no identification of parts, much of the replacement parts business was carried out by telephone on a personal basis. I would get a part number from the contractor, a requisition number from Post Ordnance, and call the Field Service Division (at Redstone). They in turn would call the contractor and have an air shipment made to Bliss. My phone bill some months was over \$1,000.

"Some strange things happened in supply channels. Once we were trying to get one radio tube. WECO was out of stock, but said that they bought it from Raytheon, who was the supplier. We got to Raytheon who said that they bought the tube from the WECO plants! WECOs face was surely red when they found their own plant sure enough had the tubes and had been supplying Raytheon for years."



STANLEY STEPHENS

Lockwood, Helmer At Near-Perfect Form

By Larry Marsh

American League

Only seven games were completed in the American League last week, as rain washed out all of Wednesday's scheduled contests. Frontrunning MICOM II, challenger Company C, and the 4th ETC recorded easy victories, while the 9th ETC stunned Safeguard, 10-9.

MICOM II broke a scoreless tie with three runs in the third inning, then added seven more in the fourth to beat the 291st MP Company, 10-0. Centerfielder Dan Wyrick made his last appearance of the year a good one with a single and a grand slam homerun. Teammate Rick Newman singled in the first two runs of the game to give MICOM pitcher Ron Lockwood all the support he needed. Ernie Williams of the MPs ruined Lockwood's bid for a no-hitter with a scratch single in the final inning.

Fred Helmer of Company C came close to matching Lockwood, as he allowed only two hits in C's 10-1 romp over the 1st ETC. Helmer aided his own cause with three hits and three RBIs, while Bob Wagner and Mike Oury, the league's fourth leading hitter, each added a pair of hits.

On Field Two, the 9th ETC made it two wins in a row by edging Safeguard, 10-9. Winning pitcher Rob Orebaugh won the game with his seventh-inning single. Orebaugh and Rick Eckhardt drove in two runs apiece for the 9th. George Owens collected three hits for Safeguard.

The Meddacs had a three-game



Ron Lockwood of MICOM II circles the bases after blasting a two-run homerun against Company C. Lockwood's hitting and pitching have led MICOM II to eight straight victories.

winning streak snapped by the 4th ETC by an 11-3 margin. Dan

Jaquez and Steve Venable rapped out three hits each for the winners and Al Hofwalt drove in two runs with two singles.

National League

The National League joined the American League last week in a rain-shortened slate of games. Winners included the 6th ETC, Company A, and unbeaten MICOM I. A protest in the game between the 8th ETC and the Marines was upheld and the game will be completed at a later date.

The 6th ETC buried the 95th Calibration Company on Tuesday, 21-3. Thirdbaseman Bill Smith, who had not driven in a run during the team's previous seven games, did a month's work at the plate by driving in eight runs with a single, two doubles, and a grand slam homerun. He had help from Mike Edwards, who also had four hits. Winning pitcher Jim Luey had two doubles, and two RBIs.

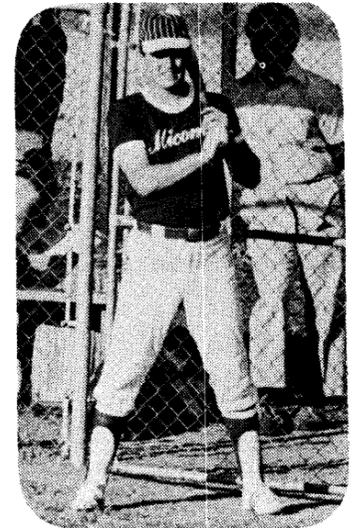
MICOM I rolled past the 100th Ordnance Detachment, 13-4. Power man Ray Smith of MICOM

brought his league-leading home-run total to six with two round-trippers to drive in five runs. Gene Howey and John Goltz each had two hits for the winners, and Richard Northcraft blasted his fifth homer of the season.

On Field One, Quentin Diggs led Company A to a 16-0 white-wash of P&P. Diggs drove in four runs with three hits while Charles Reese had two hits and three RBIs. A's pitcher Marvin Walker shut out P&P on two hits.

Loss Of Wyrick Clouds Outlook For Leaders

The departure of MICOM II centerfielder Dan Wyrick leaves a big gap in the batting order and in the field for the current league



WYRICK

leaders. Wyrick played his final game last week before leaving for a new military assignment in Germany.

Noted for his solid defensive play, Wyrick was terrorizing opposition pitching with a .640 batting average in the American League, the best average in either league. He had also collected one double, one triple and six homeruns.

The six homers lead the league and tie him with MICOM I's Ray Smith of the National League. The native of Tonganoxie, Kan., starred last year for the 3rd ETC.

Fittingly enough, Wyrick belted a grand slam homerun in his final plate appearance on the Arsenal.

Unit Level Softball

(Standings Thru June 10)

Top Hitters

(17 or more at-Bats)

American League		W	L	GB
MICOM II	8	0		
Company C	5	2	2 1/2	
MPs	5	2	2 1/2	
Safeguard	3	5	5	
Meddacs	3	5	5	
4th ETC	3	5	5	
9th ETC	2	6	6	
1st ETC	2	6	6	

	AB	R	AVG.
Wyrick, MICOM	25	16	.640
Thomas, MICOM	22	13	.591
Ottensbacher, 1st	20	11	.550
Oury, Co. C	20	10	.500
Venable, 4th	20	10	.500
Spry, MICOM	18	9	.500
Lockwood, MICOM	23	11	.478
L. Smith, MPs	20	9	.450
Orebaugh, 9th	18	8	.444
H. Thomas, MPs	28	12	.429

NATIONAL LEAGUE

	W	L	GB
MICOM I	9	0	
Company A	7	2	2
8th ETC	5	3	3 1/2
100th Ord	3	3	4 1/2
Marines	2	5	6
95th Cal	2	6	6 1/2
6th ETC	2	6	6 1/2
P&P	1	6	7

	AB	R	AVG.
Words, Co. A	25	15	.600
Northcraft, MICOM	29	17	.586
Howey, MICOM	25	14	.560
R. Smith, MICOM	28	15	.536
Warao, 100th	17	9	.529
Fannin, Marines	21	11	.524
Crowson, MICOM	29	15	.517
Diggs, Co. A	29	14	.483
Sunday, 95th	23	11	.478
Williams, Co. A	22	10	.455

Pre - Christmas



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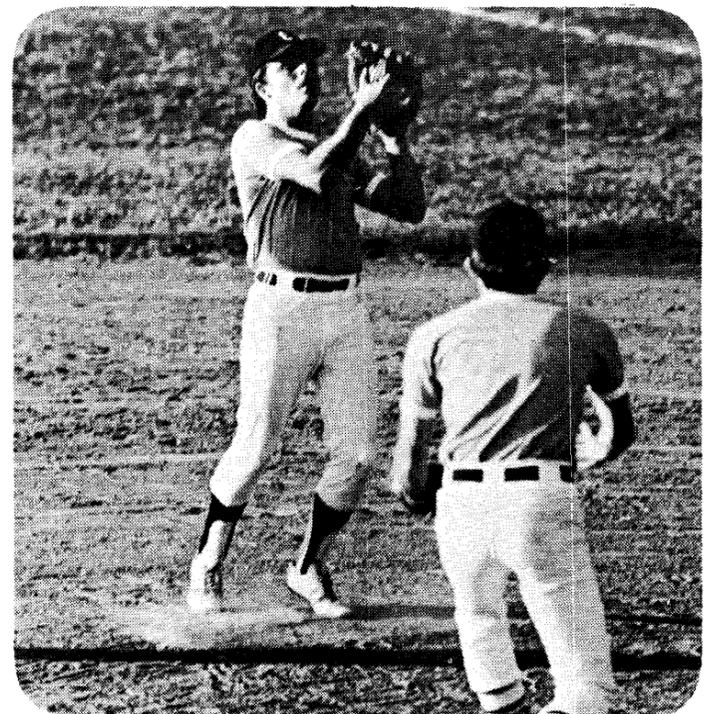
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Surehanded Mike Oury of Company C handles a routine pop fly with no problems. Oury, a defensive standout in centerfield last year, has moved to second base this season. His .500 batting average is fourth best in the American League.

Missile Systems Snaps MISD String

The Tennessee River returned somewhat to its normal banks long enough for the CWF slo-pitch softball league to get in one night of action last week before another torrential rain added to the league's scheduling woes by wiping out the Thursday slate.

And as far as the previously unbeaten MISD gang is concerned, the Tuesday games might just as well have been forgotten too.

Missile Systems jumped off to a 10-0 lead on the front runners and then hung on to chalk up a 13-12 win and Materiel Management took advantage of the situation to forge a tie for the lead by doubling up on Safeguard, 18-9.

In a pair of encounters that were moved to the NASA field, GEM swarmed over Metrology, 12-3, and Finance and Accounting made it a dismal Thursday for the Labmen by winning 15-13.

MISD made up their ten run deficit to force a 10-10 tie in the fifth but, Bill Hart came on the replace Tom Johnson and hold the leaders to a pair of runs while his Missile Systems mates were getting three over the last two stanzas.

Leonard Hatcher and Tommy Cutts collected four hits apiece in the winning attack while Randy Sumner belted a pair of four basers for MISD.

Lindon Calvert got home run support from Dave Bryant and Jerry Williams in hurling MM into

a share of the lead. Jerry Mullinax added four straight safeties while Hesley DeBolt topped Safeguard with two hits.

Ray Whiddon, Wayne Dahlke and Leon Stuckey contributed circuit clouts as GEM's Ocke Fruchtnicht hurled his mates past Metrology. Vic Spradley took to loss.

The Accountants completed the lost evening for Metrology as Mike Reid stroked a two-run, sixth-inning home run. Hal Jacobs homered earlier and Clarence Daniels hit safely four times for F&A.

Roland Brown got the win as Billy Medlock paced the Metrology attack with three for three.

MICOM Girls Win Three More

The MICOM girls independent softball team made a successful foray into the Tri-Cities area over the past weekend with three wins out of a pair of double headers on Saturday and Sunday.

The Royal Electrics of Florence fell before the Arsenal girls in both ends of the Saturday twin bill, 6-3 and 2-0. The next day Sheffield's Southern Electrics took the opener, 3-2, before MICOM came back with a 8-1 decision in the nightcap.

Gladys Hill was on the hill in all four of the contests that saw MICOM boost their seasonal slate to 19 wins in 25 games.

Donna Hudson with four hits

including a homer and Barbara Roberson with a trio of safeties, providing the offensive punch in the opening win over Royal. Pat Bryant collected three and Kathie Leeth two hits as Hill set the Florence outfit down with a mere three hits for the sweep.

On Sunday, Leeth belted a two-run round tripper but it was not enough to stave off loss of the first game with Southern.

Most of MICOM's Sunday hitting came in the second game when Cena Taber paced a 12-hit attack with three safeties, including a 3-run homer. Pat Shipp and Roberson added two hits apiece to the attack.

Youth Baseball

Coach Vernon Finch and his Here's won the first half championship in the Little League major with a 7 and 1 record and Ronald Schaeffer's Falcon's copped the minor league crown with the same record.

Standings follow:

MAJORS

Herc's 7-1
Ajax 6-2
Rockets 4-4
Hawks 4-4
Sprints 2-6
Nikes 1-7

MINORS

Falcons 7-1
Pirates 6-2
Reds 3-5
Eagles 3-5
Lions 2-6
Tigers 2-6

The second half of the season got off to a flying start with the Herc's, Rockets and Hawks all jumping out to a 2-1 record, followed by the Nikes and Ajaxs with 1-1 records. The Sprints trail after dropping three straight.

The Babe Ruth league Here's are currently sporting a 4 and 2 record, good enough for second place in Huntsville Parks and Playground action.

In the Farm League the Spartans are setting a torrid pace with a 7-0 record followed by the Rebels 6-1. The Redeyes are 2-5. The Pershings broke into the victory column by smashing the Braves 11-1.

Medaris Cup Play Underway

The Officers Wives Golf Group played 9-hole scramble Wednesday on the Special Services Golf Course.

The winning team came in with a 36 score. Members were Liz Fragge, Mimi Diehl, Margaret McBrearty and Mitzi Bisch.

Runnersup honors were claimed by Maggie Bennett, Shirley Bur-nell, Judy Dwyer and Jane Walker, with a 39.

In the Athens Invitational Tournament, Ina Clark placed first in the third flight.

This week the group is playing the Ginna Medaris Tournament. Play started Tuesday and continues today and tomorrow over the RSA greens.

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MISSILE & MUNITIONS CENTER & SCHOOL
NAMES IN THE NEWS
 By PFC Larry Marsh



JONES

Specialist Five Phillip D. Jones of the 9th ETC was the honor graduate of his NCOES class with a grade average of 98.68. He hails from Elkmont, Ala., and is a 1970 graduate of Ardmore High School. Jones is now assigned to the 100th Ordnance Detachment here and will ship out with the rest of 100th in July to Ft. Lewis, Wash. He is a light air defense repairman.

Also in the NCOES category is Specialist Five David McGill, who took honors in his graduating class with a 96.4 average. He's a 1969 graduate of East Ridge High in Chattanooga and also attended Tennessee Tech in Cookeville, Tenn. He was assigned to the 9th ETC while in school.

Private First Class Carl C. Beedle, Jr., of the Marine Detachment, was the honor graduate of his ammunition storage class which was graduated last Tuesday. Beedle is from Cle Elum, Wash., and is a 1971 graduate of Boslyn High School there. He entered the Marines last October.

From Fall River, Mass., and the 6th ETC comes Private First Class Herman R. Bomback, the honor graduate in his Vulcan—Chaparral course with a 92.93 average. Bomback is a 1970 graduate of



SCOTT

Durfee High School in Fall River and entered the Army last August.

Still another honor graduate last week was Private First Class Andrew R. Scott of the 8th ETC. He mastered his Shillelagh repairman course with 99.6 average. He calls Torrance, Calif., his home and was graduated from South High School there. He later attended El Camino Junior College in Torrance.

Staff Sergeant James E. Potter of Company C, School Brigade, was recently awarded the Army Commendation Medal in ceremonies here. The award was for meritorious service while assigned to HHB, 2nd Bn, 71 Arty, Republic of Korea. Potter is a 1962 graduate of Andrews (Tex.) High School and is assigned here as an instructor in the Hawk division.



POTTER



SCOTT



McGILL



BOMBACK

Private First Class Joseph K. May of the Marines was recently presented a letter of commendation from Major General Edwin I. Donley, Commanding General of the Missile Command, by the Marine Corps Detachment officer-in-charge, Captain John R. Murray. The letter cited May for his assistance to the area in distributing food and clothing during the recent flood.

And another Marine, Private First Class Lomar Warren, recently enlisted in the Corps for three years. Warren had been a member of the Marine Reserves and was attending the ammunition course here. He is a native of Rochester, N.Y.

Benning Shooters Acclaimed By NRA

(ANF) — The National Rifle Association has acclaimed the members of an Army marksmanship team as the national indoor rifle champions.

Four officers from the Army Marksmanship Training Unit at Fort Benning make up the team. In February, the team fired a winning score of 1,588 out of a possible 1,600 in matches held in Melbourne, Florida.

Members of the Army team are Olympic-medal-winners Major Lones Wigger and Captain Lanny Bassham plus Army Marksmen, Major John Foster and Captain Carl Jooss.

Hearing Loss

(ANF) — Soldiers are being urged to make special efforts to protect their hearing. Army ear specialists estimate that 30 to 50 per cent of all active-duty Army personnel suffer some noise-induced hearing loss during their military careers.

The Veterans Administration reports that about one out of every five veterans being discharged enters a claim for hearing loss.

Through an Army Hearing Conservation program, efforts are being made to get the best equipment for ear protection in high-intensity noise areas—and to make sure soldiers wear the protective gear properly.

Foundation Fosters Awareness

FRANKFURT, W. Germany (ANF)—Eyeing a better understanding of German life styles by American soldiers, V Corps, U.S. Army Europe, and the U.S. Chamber of Commerce have formed a new organization, the American Community Foundation.

The organization is designed to improve the American soldier's adjustment to, and his appreciation of German culture.

Activities will include joint sports activities, educational travel opportunities and language training.

Michael J. Faulkner of the Chamber of Commerce and Lt. Gen. Willard Pearson, V Corps commander, made the announcement of the new organization.



EARNs MASTERS — Raymond Morgan, an instructor in the Missile and Electronics Department at MMCS, received his MBA from Alabama A&M recently, after studying 2 1/2 years part-time. Morgan says he plans to continue his studies, and hopes to earn an MS in Trade and Industrial Education.

Army Numbers 820,570

WASHINGTON (ANF)—Numerical strength of the Army dropped by 12,000 during April, according to figures released by the Department of Defense.

As of April 30, the Army had 820,570 members compared to 832,474 on March 31 and 816,332 on April 30, 1972.

The total number of personnel on active duty in all services was 2,273,158 on April 30.

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Army Wins Track Title

QUANTICO MARINE BASE, Va. (ANF)—Army victories in 10 of 19 events paved the way for an overwhelming team win in the Interservice Track and Field Championships at Quantico, Va.

The Army win was aided with two event sweeps in the 120-yard high hurdles and the 220-yard dash.

The final team standings showed the Army far ahead with 81 points. The Marine Corps was second with 49 followed by the Air Force with 43, and the Navy with seven.

Pvt. Earl Harris was the Army's top point man in the meet, winning the 100-yard

dash in 9.5, the 220 in 21.6 and placing third in the long jump.

Winning their events for the Army were First Lt. Tom Hill in the 120-yard high hurdles in 13.8; Pvt. John Cornell in the 440-yard dash in 48.8; Sp4 Jim Crawford in the three-mile in 13:52.8; First Lt. William Diehl in the hammer throw with 207 feet; Specialist Crawford in the 3,000-meter steeplechase in 9:00.8; Pfc Dave Oliver in the pole vault at 16'0"; First Lt. Robert Wallis in the javelin with 246 feet, one inch and Harris in the 100- and 220-yard dashes. The Army mile relay won in a time of 3:16.9.

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1972 CHEVY \$3550

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1972 OPEL \$2050

1900, 4 dr. sedan. Auto. trans., 1-owner.

1972 CHEVELLE .. \$2850

2 dr. hardtop. Air conditioned, power steering, brakes. Local 1-owner with just 16,000 miles.

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"When I came in I didn't have anything."

Sergeant Louie Bell just reenlisted for the first time. And he had some pretty good reasons.

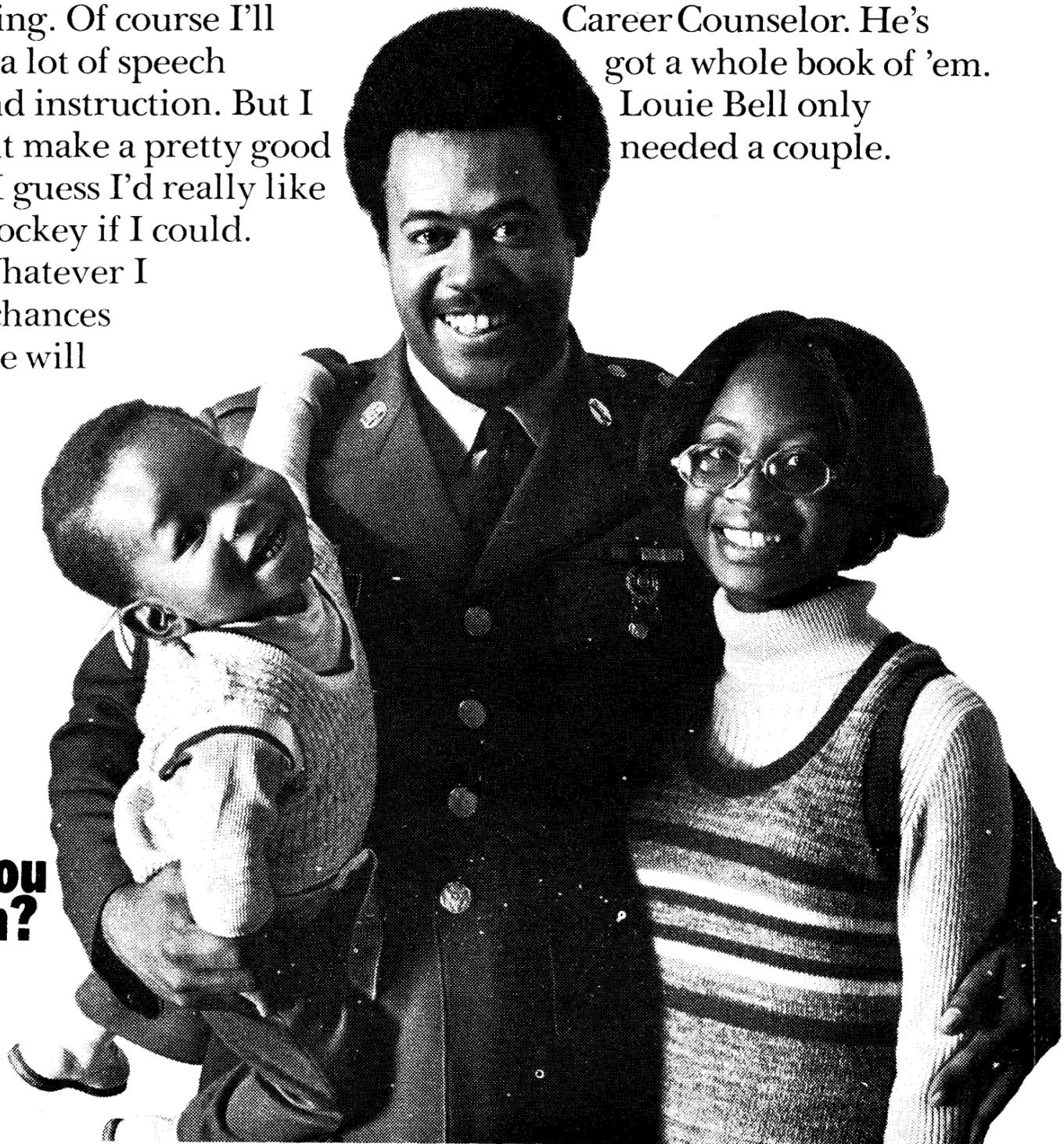
"Look what I've got now. A steady income, a good job and a family. It's a lot more responsibility.

"I was studying business administration when I came in, but I think I'm going to change to broadcasting. Of course I'll have to take a lot of speech schooling and instruction. But I think I might make a pretty good announcer. I guess I'd really like to be a disc jockey if I could.

"Whatever I decide, my chances for the future will

definitely be better now that I've decided to stay in the Army for a while. I'll be getting more education for when I get out. And Martha and Darrell will have a lot more security."

The education. The bonus. The security. Louie Bell found some pretty good reasons for reenlisting. If you're looking for reasons, see your Army Career Counselor. He's got a whole book of 'em. Louie Bell only needed a couple.



Why are you staying in?

(Editor's note: Published here are Civil Service job openings away from Huntsville. The announcements are received in various formats and all do not give the same information regarding job openings. The Rocket is extracting information from them in order to let its readers know there are openings in certain categories. These announcements are posted on the bulletin board in the Civilian Personnel Division, Building T-3159, for interested persons to obtain further information. No phone calls please).

CALIFORNIA

Defense Supply Agency announcement dated May 21, 1973, personnel officer, GS-201-14 (closing date June 22, 1973) at Defense Contract Administration Services Region (Los Angeles). Submit SF-171 to Office of Personnel, DCASR-LA, 11099 La Cienega Blvd., Los Angeles 90045. Include with your application names and addresses of the following: (1) the personnel officer at the next higher echelon (2) your immediate supervisor (3) a non-personnel supervisor (i.e. budget officer, financial manager, line management official) whose organizational position and working relationship with you enables him to provide a meaningful appraisal of your responsiveness and knowledge of management and (4) the U.S. Civil Service Commission regional director or area manager with jurisdiction over you.

MICHIGAN

Army-wide vacancy announcement dated May 29, 1973, supervisory general engineer, GS-801-11 at Selfridge ANG Base, Mt. Clemens, Mich. Submit SF-171 and DD Form 556 to U.S. Army Engineer District, Detroit, ATTN: personnel officer, P. O. Box 1027, Detroit 48231.

Army wide announcement no. 403-73 dated May 29, 1973, supervisory civil engineer, GS-810-13 at Automatic Data Processing Center, U.S. Army Engineer District, Detroit. Submit SF-171 and DD Form 556 to U.S. Army Engineer District, Detroit, ATTN: personnel officer, P. O. Box 1027, Detroit 48231.

NEW MEXICO

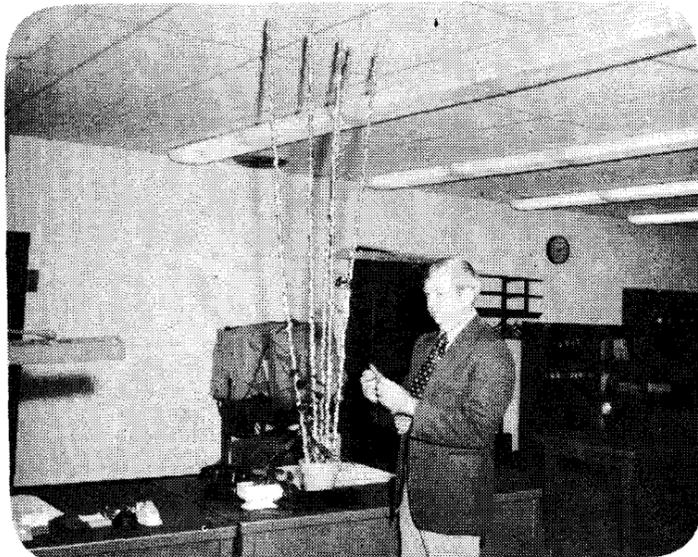
Army wide vacancy announcement 407-73 dated June 1, 1973, equal employment opportunity officer, GS-160-13 (closing date June 22, 1973.) Submit SF-171 to Civilian Personnel Officer, ATTN: Recruitment and Placement Branch, Career Management and Resources Section, White Sands Missile Range, N.M. 88002.

CORPS OF ENGINEERS

The U.S. Army Engineer District, Omaha, lists the following positions open in an announcement dated May 23, 1973. If interested in these positions submit SF-171 to District Engineer, U.S. Army Engineer District, Omaha, ATTN: Personnel Office (MROPO), 6014 U. S. Post Office and Court House, Omaha, Neb. 68102.

CONSTRUCTION DIVISION, OMAHA, NEB.

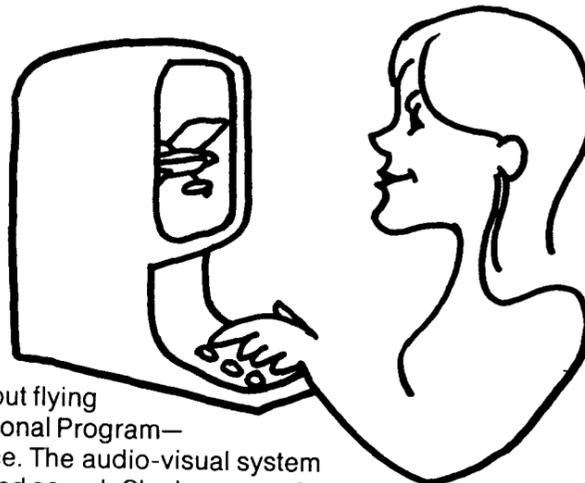
Civil engineer, GS-810-9
GREAT LAKES AREA, WARREN, MICH.
 Civil engineer, GS-810-11; civil engineering technician, GS-802-11; mechanical engineering technician, GS-802-11.
SUNFLOWER AREA, DESOTO, KANS.
 Structural engineer, GS-810-11
JOLIET AREA, ELWOOD, ILL.
 Two civil engineers, GS-810-9; mechanical engineer, GS-830-9.
SACOM, NEKOMA, N. D.
 Contractor industrial relations officer, GS-246-12.
HQ USASTRATCOM, NEKOMA, N. D.
 Four electronics technicians (cryptographic), GS-856-7.



CIGAR PLANT. Jesse P. Evans, of the Safeguard System Command, unwraps a cigar and is about to add the cigar band to his "cigar plant." The five-stalk potted plant is made of 750 Dutch Masters and El Producto cigar bands, all of which Evans smoked during the working hours. Evans says that he smokes an average of five cigars a day while on the job and after some calculating, the "plant" represents seven months work.

She's on lesson No. 17 and doesn't go to school

This woman is learning about flying with the new Piper Instructional Program—on her schedule, at her pace. The audio-visual system integrates movies, slides and sound. She learns on the ground and practices in the air. This totally new learning system can help you learn to fly faster, too. Come in and see how it works, or call for details.



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4 door sedan, vinyl interior, torqueflite transmission, power steering, power disc brakes, 360 V-8 engine, tinted glass all, left remote mirror, radio, air conditioning, wheel covers, white wall tires, electronic ignition system, torsion air ride.

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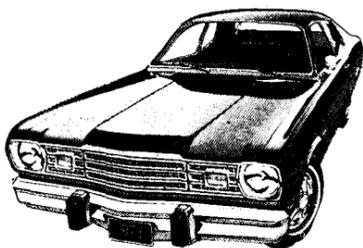
1973 GMC PICK UP

1/2 ton, long wheel base, wide bed, gauges, chrome front bumper, upper mouldings, full wheel covers, 350 CID V-8 engine, automatic transmission.

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1973 GOLD DUSTER SPORT COUPE

Vinyl seats with center arm rest, Gold Duster Package, automatic transmission, 225 CID "6" engine, tinted glass, air conditioned, radio, vinyl roof, stripes, D78 white wall tires, wheel covers. Power steering, electronic ignition, system, torsion air ride.

Transportation and dealer prep included, tag and tax extra.

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Only **\$3195**

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1969 Satellite 3 seater, automatic, air conditioned, power steering, power brakes. Brown finish. St. No. C-60125A. \$1795	1969 Ford Pickup 3/4 ton, green finish. \$1395	1970 Buick LeSabre Yellow with black vinyl roof, fully equipped and air. \$2295
1972 GMC Suburban Automatic, power steering, power brakes, 3 seater. Stock no. T-9110A. SOLD	1969 Ford LTD 4 door hardtop, power steering, brakes, air conditioning, radio and more. \$1595	1967 Riviera Fully equipped. \$1395
1970 Plymouth Custom Sport Wagon, air conditioned, power steering, power brakes, automatic, 3 seater, beige finish. St. No. P-40115A. \$2395	1972 Imperial Equipped with most imperial options, 4 door hardtop. One owner. \$5995	1969 Buick Riviera 2 door hardtop, fully equipped, extra sharp. \$2095
1972 Duster 340 2 door, 4 speed, air conditioned, tape player. \$2695	1971 Chrysler Newport Royal. Air and power, 4 door hardtop. \$2495	1971 Plymouth Suburban Braughom. White finish. Fully equipped including full power and air. Local 1 owner. SOLD
1970 Plymouth Fury III 2 door hardtop, automatic, fully equipped, one owner, extra nice. \$1895	1970 Pontiac Bonneville 4 door hardtop, power and air. \$2395	1973 Valiant 4 door low mileage, extra sharp. \$2895
1972 Cheyenne Long bed, air conditioned, power and automatic transmission. Extra sharp. \$2895	1970 Chevrolet Pick Up 1/2 ton, long bed, automatic transmission. \$1995	1968 Chrysler New Yorker 4 door hardtop, fully equipped, extra sharp. \$1195
1972 Chevrolet Impala Caprice, 4 door hardtop, automatic, fully equipped, extra sharp. \$2995	1968 Chevrolet Short utility bed, new paint, straight shift, good economy truck. \$1295	1970 Plymouth Fury III 4 door sedan, air conditioned, power and automatic, local 1 owner, extra nice. \$1895
1973 Valiant Air conditioning, power steering, 225 CID engine, radio, low mileage. \$1495	1969 Dodge Monaco Four door. Fully equipped. \$1495	1971 GMC Camper Special Automatic, air, power, blue with white vinyl roof, 24,000 actual miles, 3/4 ton. \$2995



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ON BOB WALLACE Just Off the Parkway

EGLIN, AFB, Fla. — Two Army Missile Command engineers made classified technical reports on terminal guidance technology being developed by the Army to a meeting of top North Atlantic Treaty Organization scientists here last week.

The four day meeting was the 16th meeting of the Guidance and Control Panel of the Advisory Group for Aerospace Research and Development of NATO.

Dr. John L. McDaniel, director of MICOM's R&D operations, presented a paper titled: "R&D Evaluation Program for Terminal Guidance" during the Friday session.

Thursday, H. L. Pastrick of the command's Guidance and Control Directorate presented a paper titled: "Simulation and Validation of Guidance Systems for a High-G Laser Guided Weapon."

Newly Assigned

- MICOM**
 SP4 Gerald M. Fitzgerald
 PV2 Van J. Parr
 SP4 David L. Porterfield
 PV2 Fred E. Nugent
 PV2 Bruce A. Hokenson
 PV2 Michael R. Paradis
 SP6 Edward Sowa
 PFC Larry M. Archibald
 SP5 Richard A. Keeley
 SP4 Edward A. Sousa
 SP5 Donald D. Watson
 SFC Ronald A. Bruno Jr.
 SP4 Dennis G. Pearson
 SP4 Paul E. McReynolds
 PFC Charles C. Blalock
 PFC Robin Sheets
 PV2 Robert L. Boek
 PV2 Rex M. Sharon
 PV2 John J. Praprotnik
 PFC Lewis H. Fortune
 PFC Gary J. Foy
 SP4 Dennis K. Frans
 SP5 John W. Chandler
 PV2 Jerry H. Phillips
 SP5 Thomas G. Berfolas
 SP6 Jarrell D. Carpenter
MEDDAC
 PV2 Duane A. Nelson
 PFC Eddie J. Garner
 PV2 Jimmie C. Mayle
 PV2 Craig L. Tschirley
 SP5 John W. Ivy

Military Briefs

- SSG Jimmy E. Lyles
 PV2 Jackie L. Thurman
 PV2 Hiram O. Hayes
 PV2 Daniel A. Sparks
 PV2 Donald R. Hupp
 PV2 James L. Wetzel

Reenlistments

- MICOM**
 SP4 Kimbrent J. Olson
 SP4 Jerry G. Huseh
 SP4 Lawrence J. Sunday
 SFC James M. Bradley
 SSG James J. O'Connor
 SP6 Eli J. Thornburg
 SFC Julian D. McDonald
 SP5 Ralph J. Leonard

Promotions

- MICOM**
 SP4 to SP5 Charles L. Sibley Jr.
 SP4 to SP5 Kimbret J. Olson
 SP4 to SP5 Lawrence J. Sunday

Retirements

- MICOM**
 CW3 David G. Hunter
 CW2 John W. Andreoli
 SFC Ronald L. Florence
 SFC Benny E. Rentsch
 SFC Ernest J. Toth
 SP5 Richard D. Lanctor
 SFC Fay A. Clayton
 1SG Wannie W. Pike
 CW2 Verne A. Landers
USAMMCS
 MSG George O. Shaw
 SFC Robert A. Embry
 SFC Sylvester Ouchley
 SFC Ronald E. Richter
 SSG Donald M. Woodall
SAFSCOM
 CW4 Irvin A. Bohnert

Awards

- MERITORIOUS SERVICE MEDAL**
 Chaplain (MAJ) Richard V. Goeres (MICOM)
ARMY COMMENDATION MEDAL
MICOM

- 1LT William V. Youkey
 MSG Donald K. Cox
 SFC Harry G. West
 MAJ Phillip W. Williams
 CPT George E. Abbe
 1LT Furman H. Brown
 CPT Howard E. Miller
 CPT Raymond L. Springsteen
 SFC Fay A. Clayton
CERTIFICATE OF ACHIEVEMENT
 SP5 Douglas C. Moores (MICOM)
 CPT Diane K. Corcoran (MEDDAC)

Photo Contest

(ANF) — All Army and Air Guardsmen are invited to compete in the eighth annual photo contest sponsored by the National Guard Bureau and the National Guard Association of the United States. Cash prizes of up to \$150 await the top winners. The deadline for all entries is September 14.

Sullivan Cited At Departure

Lieutenant Colonel Robert F. Sullivan, Secretary of the General Staff for the Safeguard System Command, was awarded the Meritorious Service Medal last week in recognition of his service from August 1969 to June 1973 while assigned to SAFSCOM.

Brigadier General Bates C. Burnell, SAFSCOM's Commanding General, pinned on the medal at a

ceremony held with Mrs. Sullivan and their five children present.

Sullivan distinguished himself by outstanding performance of duty while serving in a number of assignments with Safeguard during his four-year tour here.

He has been reassigned to the Kwajalein Missile Range, SAFSCOM's research and development facility, in the Marshall Islands.

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9%	15½ to 20 Yrs.		

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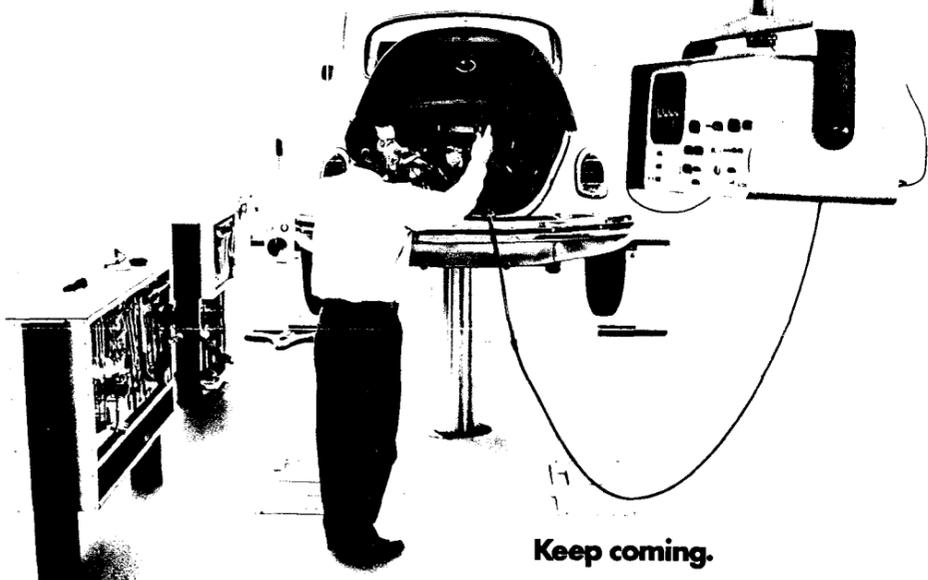
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● **NATURE STUDY, INDIAN LORE AND CAMP-CRAFT**... full scale program geared to the camper's own interest.

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 June 25-29

GIRLS: July 9-13, July 16-20

CO-ED: July 23-27

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Southeast YMCA 1000 Weatherly Rd.

881-8710

Northwest YMCA 4600 Blue Spring Rd.

852-9701

McCormick YMCA 3214 8th Ave. W.

539-3457

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BUTLER VARSITY CHEERLEADERS sponsoring a cheerleading clinic June 18-22, for girls of all ages from 1 p.m. to 3 p.m. at Butler High School. 1NC

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OWNER LEAVING TOWN — Equity sale, FHA/VA loan, 2 bedroom, separate den, dining & living room, storage room, closed-in redwood patio, walk to Whitesburg School, SE. Call 881-8059 after 5 p.m. ITP

FOR SALE — 3 bedroom ranch on Valley Hill Golf Course. Dead End street, fireplace, formal dining, large inside utility, fenced, organic garden and fruit trees. 6-3/4%, \$35,500, owner 881-3861. ITP



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Wanted: Carpool members from the Chapman Heights area in northeast Huntsville to building 4488. Working hours 8 to 4:30. Call R. Meeler at 876-4286.

DRIVE SAFELY

Drowsiness at the wheel presents one of the most hazardous situations in highway travel, the National Safety Council says. A motorist who drives while his eyelids droop may well be traveling down the highway toward an accident.



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1972 MARK III	\$7350
Fully equipped, blue with black vinyl roof.	
1972 ELDORADO	\$7150
Fully equipped, silver with black vinyl roof.	
1972 LTD BROUGHAM	\$3460
2 door hardtop, green with white vinyl roof, power steering, brakes, air conditioned, AM/ FM stereo.	
1971 IMPALA CUSTOM COUPE	\$2850
Power steering, brakes, automatic, beige with black vinyl roof, low mileage.	
1972 LUXURY LeMANS	\$3450
Silver with vinyl roof, power roof, power steering, brakes, air conditioned automatic, AM/ FM radio.	
1971 GRAND PRIX	\$3450
Midnight gray, power steering, power brakes, air conditioned, automatic.	
1971 SKYLARK	\$2750
White with black vinyl roof, power steering, brakes, air conditioned.	
1970 COUGAR XR 7	\$2250
Power steering, power brakes, air conditioned, vinyl roof.	
1970 CAMERO	\$1950
V-8, 3 speed, gold finish.	
1971 MAVERICK	\$1975
Red with black vinyl roof, 6 cylinder, automatic, power steering.	
1969 IMPALA CUSTOM COUPE	\$1650
2 door hardtop, green with green vinyl roof, power steering, brakes, air conditioned.	
1969 CHEVROLET IMPALA	\$1650
4 door hardtop, green with green vinyl roof, power steering, brakes, air conditioned.	
1971 TOYOTA	\$1650
Gas saver, stick shift.	
1972 BUICK ESTATE WAGON	\$4995
Fully equipped, sold new for \$7292.	
1971 FORD COUNTRY SQUIRE	\$3150
10 passenger, power steering, brakes, automatic, air conditioned.	
—SPECIAL—	
1970 CONTE CARLO	\$2450
Yellow with brown vinyl roof, bucket seats and more.	
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2 VERY NICE '69 CHEVELLES—396. One has air. Both excellent condition. MAKE OFFER

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Real, real sharp!

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1968 CADDY 4 dr. DEVILLE. Local owner, fully equipped, nice. Only \$1995

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1967 BUICK SKYLARK 2 dr. Good second car. Only \$1085

1967 BUICK LESABRE 4 dr. Air and power. Local. Sold by Stockton Buick. Good family car. \$1085

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2 — 1967 MUSTANGS. One 6 cylinder, one 8. MAKE OFFER!

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1970 MUSTANG, 4-speed, Cleveland motor, only 28,000 miles. Like new. See this for \$2185

1970 CHEVELLE 4 speed, air, stereo & tape, very well cared for (local). Only \$2385

1970 CHEVELLE 4 speed (red color) nice condition. Only \$2185

1970 CHEVY IMPALA 2 dr. Custom, air & power, local car. Beautiful condition. Only \$2185

1970 BARRACUDA 2 dr. V-8, auto., (color is reddish). Very clean. Only \$1885

1970 FORD TORINO 2 dr. Small V-8, auto., very clean. Good gas car. Only \$1495

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