

# Pay Raise Effective Now



A pay raise has been authorized for federal white collar workers and the military services, including those in Huntsville and at Redstone Arsenal.

The White House Friday said President Nixon would issue early this week an executive order authorizing a 4.77 percent pay increase for federal white collar workers and a comparable increase for the military.

A 4.77 raise for civilians would amount to a raise of about 6.2 percent for the military.

Effective date of the pay raise was to be October 1.

The President's action Friday came after the Senate voted 72-16 to block his recommendation that the pay raise be delayed until December 1 as an anti-inflationary measure. The Senate vote meant the raise went into effect October 1 as originally scheduled.

Although MICOM had not received official guidance Monday, it is anticipated that soldiers and civilians here would not actually get checks reflecting the increase until the end of the month.

The total Army civilian payroll at Redstone and in Huntsville currently is approximately \$176.4 million annually while the military is approximately \$32.4 million. A 4.77 percent raise would mean an additional \$8.4 million gross pay annually for civilian while a 6.2 percent increase for the military would mean approximately \$2 million more.



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## New Civilian Rates

	1	2	3	4	5	6	7	8	9	10
GS- 1	\$5,017	\$5,184	\$5,351	\$5,518	\$5,685	\$5,852	\$6,019	\$6,186	\$6,353	\$6,520
2	5,682	5,871	6,060	6,249	6,438	6,627	6,816	7,005	7,194	7,383
3	6,408	6,622	6,836	7,050	7,264	7,478	7,692	7,906	8,120	8,334
4	7,198	7,438	7,678	7,918	8,158	8,398	8,638	8,878	9,118	9,358
5	8,055	8,323	8,591	8,859	9,127	9,395	9,663	9,931	10,199	10,467
6	8,977	9,276	9,575	9,874	10,173	10,472	10,771	11,070	11,369	11,668
7	9,969	10,301	10,633	10,965	11,297	11,629	11,961	12,293	12,625	12,957
8	11,029	11,397	11,765	12,133	12,501	12,869	13,237	13,605	13,973	14,341
9	12,167	12,573	12,979	13,385	13,791	14,197	14,603	15,009	15,415	15,821
10	13,379	13,825	14,271	14,717	15,163	15,609	16,055	16,501	16,947	17,393
11	14,671	15,160	15,649	16,138	16,627	17,116	17,605	18,094	18,583	19,072
12	17,497	18,080	18,663	19,246	19,829	20,412	20,995	21,578	22,161	22,744
13	20,677	21,366	22,055	22,744	23,433	24,122	24,811	25,500	26,189	26,878
14	24,247	25,055	25,863	26,671	27,479	28,287	29,095	29,903	30,711	31,519
15	28,263	29,205	30,147	31,089	32,031	32,973	33,915	34,857	35,799	36,741*
16	32,806	33,899	34,992	36,085*	37,178*	38,271*	39,364*	40,457*	41,550*	
17	37,976*	39,242*	40,508*	41,774*	43,040*					
18	43,926*									

\*Actual rates limited by law to \$36,000

## Studies To Reduce Cost

WASHINGTON—The Defense Department has announced a series of studies to bring about more efficiency and reduce costs.

James R. Schlesinger, Secretary of Defense, has named Assistant Secretary of Defense (Comptroller) Terence McClary to oversee studies into DOD's overhead and support costs, including ways to streamline management and realign the military base structure.

Schlesinger said he expects a preliminary report within a few months. No specific date was given.

DOD said task groups have been directed to look into seven specific areas:

—Modernization: Develop and examine alternative defense modernization levels of RDT&E and Procurement for the FY 75-79 period.

—Headquarters: Examine headquarters elements throughout the DOD and identify opportunities to eliminate and reduce headquarters staffing.

—Base Closures: Determine additional adjustments and establish time tables for sizing military base structure to planned force levels.

—Reserve Forces: Review current and future reserve force requirements and capabilities; identify reserve elements that contribute marginally to major contingency plans, determine where reserve forces can perform active force missions at lower costs.

—Expand Contractor Services: Initiate a program in each service to provide a more effective use of contractors for support of base facilities.

—Simulators: Prepare tradeoffs analyses and recommend greater use of flight training simulators to improve training while reducing aircraft procurement and flight operations costs.

—Military Health Care: Recommend modifications to the military health care system that will meet DOD and the President's health care objectives, minimize impact on civilian health care and be less costly than the present system.

# Annuity Increase Expected

Present informal indications are that there will be at least a four percent increase in annuities for civilian employees who retire by January 1.

The August Consumer Price Index (CPI) rose to 135.1, an increase that is more than 3 percent of the CPI for the month that triggered the last raise in an-

nuities.

This started the countdown for August, September and October as the cost of living must stay up by at least 3 percent over the CPI for three consecutive months before annuities are increased. The highest CPI for those three months will be used to compute the annuity increase effective January 1.

## Christmas Mailing Dates

The Department of Defense and the U. S. Postal Service recently announced mailing dates for 1973 Christmas mail to servicemen overseas. Inclusive dates are:

LOCATION	AM*	PAL*	SAM*	SURFACE MAIL
Azores	8 Dec—30 Nov	24 Nov—24 Nov		
Canada, Arctic—Greenland, Labrador, Newfoundland	8 Dec—30 Nov	24 Nov—24 Nov		
South and Central America	1 Dec—17 Nov	10 Nov—10 Nov		
Europe—Belgium, Denmark, England, Finland, France, Germany, Greece, Italy, Netherlands, Norway, Portugal, Spain	11 Dec—27 Nov	20 Nov—10 Nov		
Africa (excluding Ethiopia)—Congo and Liberia	8 Dec—17 Nov	10 Nov—10 Nov		
Near East—Ethiopia, Iran, Israel, Saudi Arabia and Turkey	1 Dec—7 Nov	1 Nov—1 Nov		
Far East—Antarctica, Australia, Burma, Indonesia, Japan, Korea, New Zealand, Okinawa, Philippines, Taiwan, Thailand, Vietnam	1 Dec—27 Nov	20 Nov—27 Oct		

\* Air Mail, Parcel Air Lift, Space Available Mail.

## Yom Kippur Services Set

Services for the observance of Yom Kippur, Jewish High Holy Day, will be held at the Post Chapel from sunset Friday through sunset Saturday.

The schedule is as follows: Fri., 8 p.m.; Sat., 10 a.m., morning services; 2:30 p.m., children services; 4 p.m., afternoon services; 5:30 p.m., Yizkor services; 6:15 p.m., concluding services; and 6:40 p.m., the Sounding of the Shofah.

Break the Fast will be held in the Post Chapel Social Room after the Sounding of the Shofah.

Rabbi Charles Emanuel of Temple B'Nai Shalom in Huntsville and Jewish Auxiliary Chaplain for Redstone Arsenal will conduct the services.

Commanders are authorized to excuse from duty Jewish personnel who are required by the tenets of their faith to observe the worship obligation and ecclesiastical customs pertinent to the High Holy Days.

Catholic services normally conducted at the Post Chapel on Saturday will be held in the Chapel Annex, Bldg. 3151.

# MICOM Revises EEO Goals

The Army Missile Command has revised the numerical goals in its Equal Employment Opportunity (EEO) Plan of Action used to measure progress in the employment and promotion of blacks and women.

Revised goals seek a representation of 5.2 percent blacks and 28.6 percent women within the civilian work force by the end of 1973. Eighty additional blacks and 30 women would have to be added to those already employed to attain the goals.

Positions filled would be those resulting from vacancies within existing manpower authorizations.

Long range goals now targeted in the EEO plan envision a civilian work force composed of 10.6 percent blacks and 30.4 percent women. No dates have been set to reach those goals.

Also included in the revised goals are promotion targets of nine additional blacks and 18 women by December 31.

Lieutenant Colonel James L. Lorder, EEO Officer, said the new goals are: "realistic and reasonable objectives which we hope to achieve within the merit system."

He cited several reasons for revising the goals, foremost among them: the almost constant personnel turbulence experienced so far this year. Since the original goals for 1973 (7.6 percent black, 30 percent women) were published in February, MICOM has gone through a directed reduction of 360 civilian jobs and continuing reorganizations and realignments to adjust its manpower. These actions, together with manning reductions elsewhere within the Department of the Army, have seriously curtailed outside hires, a prerequisite for changing the composition of the

workforce.

Revised goals were developed after careful review of their manning projections by managers and supervisors and are based in part on an analysis recently completed by the Civilian Personnel Division. It provided MICOM managers for the first time with detailed information on the composition of the workforce, by skills and race, within the seven counties of North Alabama and Southern Tennessee where Army civilian employees at Redstone Arsenal live. Lorder said the analysis of available skills in the commuting area was one of the tools used by managers to project realistic, attainable goals.

Prior MICOM goals had been based on the minority population in Madison County only and did not consider the kinds of skills available locally.

Lorder said another factor considered in revising the goals was the experience to date gained by a review by the EEO staff of all personnel actions proposed by managers and supervisors. "That gave us a better handle on the situation within the command and a better means of arriving at realistic goals for organizational elements, working closely with managers, supervisors and the Civilian Personnel Division," he said. "Most of the goals are goals established by managers themselves through co-ordination with EEO and CPO."

As before, the EEO plan of action charges managers and supervisors at all levels with responsibility for achieving the objectives of the plan.

They do that, Lorder said, "by working with the Civilian Personnel Division and the EEO to find and qualify people for jobs."

## Treasury Searching For Bond Owners

Series E Savings Bonds which date back to World War II are sitting in Washington, D.C. and Chicago, waiting for the owners—former American Service members—to claim them.

Officials in the Office of the Treasurer of the United States and at the Federal Reserve Bank of Chicago, still holding the Series E Bonds for safekeeping, hope to return them to the owners as soon as possible.

The bonds being held were purchased by Service members through payroll deductions. Treasury officials said the bonds belong to former Army and Air Force personnel who served between 1941 through 1968, and to former Navy and Marine Corps personnel who served up to June 1, 1943. For all other periods, any safekeeping arrangements were made by the four military service branches.

However, officials stated that most active service members who bought bonds arranged to have them delivered to their home addresses. Veterans who do not recall specifically asking that bonds be placed in safekeeping or who have not received a safekeeping receipt, are not likely to own any of the bonds, officials noted.

If the veteran has safekeeping receipts in his possession he should sign and send them directly to the agency that issued the document. The name and address of the depository will appear on the receipts.

If a veteran does not have a safekeeping receipt but purchased bonds on payroll deductions while on active duty during the time specified and has reason to believe any of them are held in safekeeping, he should notify:

Bureau of the Public Debt  
Safekeeping  
536 South Clark Street  
Chicago, Illinois 60605

The veteran should furnish the following information over his signature in connection with his inquiry:

- His full name, as shown on military records;
  - his branch of service;
  - his military serial number;
  - the period of his military service (by month and year);
  - the address that likely appeared on the bonds, whether civilian or military;
  - the name or names and address that were printed on the bonds;
  - the denominations of the bonds, i.e., \$10, \$25, \$50, etc.; and
  - the address to which the bonds, if found in safekeeping, should be mailed.
- This information will enable the Treasury to search the records and respond to the inquirer.



**Freedom Letter Deadline  
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## Answers

(Editor's Note: The MICOM Information Office conducts a question and answer program for job-related questions of general interest. Such questions may be telephoned to 876-4161 or 876-4400, or mailed to AMSMI-G. Some questions are selected for publication in the Rocket. Names are withheld. It is not intended that this program take the place of the usual supervisor-employee relationship which is the proper channel for specific job-related questions.)

QUESTION: When is the next Federal holiday?

ANSWER: Next Monday, Columbus Day. There is also another one in October, the 22nd, Veterans Day.

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## The Redstone Rocket

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

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Everything advertised in this publication must be made available for purchase, use, or patronage without regard to the race, creed, color, sex or national origin of the purchaser, user, or patron. A confirmed violation or rejection of this policy of equal opportunity by an advertiser will result in the refusal to print advertising from that source.

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# MMCS Commandant Retires

Colonel Thomas J. McDonald, Commandant of the U. S. Army Missile and Munitions Center and School, has requested retirement effective Oct. 31 after 31 and a half years active duty. "We've bought a home and plan to remain in Huntsville, one of the most congenial places we've ever known," McDonald said in announcing his plans, adding "These last fourteen months have been among the most challenging and interesting of all. The personnel of the center and school, both staff and faculty, are among the most professional and innovative people in the world and it's been a pleasure to serve with them."

### Logistician

McDonald, 50, is one of the Army's most experienced logisticians having served as an Ordnance company commander through five European campaigns in World War II, four campaigns with the 2d Infantry Division in Korea where he served as division ordnance officer and ordnance battalion commander and in command of the 29th General Support Group—the largest field logistics unit of the Army supporting the equivalent of six U. S. divisions fighting in Vietnam.

His staff assignments included five years with the Political-Military Division of the Office of the Joint Chiefs of Staff. As chief of the division, he was directly involved in high-level inter-agency analyses of international security questions.

During the later part of his service in Vietnam, McDonald served as assistant chief of staff for security, plans and operations of the 1st Logistical Command.

During the fifties he spent three years on the faculty of the United States Army Command and General Staff College as an instructor and Ordnance Corps Special Representative.

### In Procurement

Although he began his career commanding an ammunition company and spent over five years at Picatinny Arsenal in a variety of research, development, production and engineering activities, McDonald has had extensive procurement and major production experience across the spectrum of ordnance materiel.

For two years during the early '60's, he commanded the ordnance service centers in Northern Germany rebuilding tanks, artillery and related items; and, for three years before assuming



THOMAS J. McDONALD

command of the Missile Center and School, he was commanding officer at Letterkenny Army Depot, Pennsylvania, largest of the Army Materiel Command's rebuild and storage depots. In that capacity, McDonald was personally involved in the introduction of the Army's third generation automatic data processing system. Known as SPEEDEX, the system is now being adapted in other army logistics centers.

In virtually all of his assignments, especially the tour at Redstone, McDonald has devoted extensive efforts to education and training activities. He holds two advanced degrees, one in international affairs, the other in management, as well as a bachelor's in business administration.

### Volunteered

Volunteering at the age of 18, McDonald was commissioned at 19 and promoted to the grade of captain when he was 20 years old. He accepted a commission as second lieutenant in the Regular Army in 1946 and went to school

at night until assignment to Babson College in 1957 through 1959.

That provided an opportunity to earn both a master's and a bachelor's degree.

He is a graduate of the United States Army Command and General Staff College and the United States Naval War College. His decorations include the Legion of Merit with two Oakleaf Clusters, the Bronze Star Medal, the Air Medal, the Army Commendation Ribbon and the French Croix de Guerre.

Colonel McDonald celebrated the 30th anniversary of his marriage to Marie A. Schneider of New York City in February of this year. The couple have two daughters—Mrs. Shelia Walbe, a high school English teacher in Silver Spring, Maryland; and Patricia A. McDonald, doctoral candidate and history instructor at the University of Maryland. The McDonalds have one grandchild, Kassandra Walbe, living in Greenbelt, Maryland.

McDonald has written extensively, both professional articles and fiction and expects now to concentrate on completion of two books. He also intends to teach and to pursue his avocation of portrait painting. He is working on a private pilot's license and recently soloed.

## Pershing Opens Service Practice

Two Pershing missiles only minutes apart landed on target at White Sands Missile Range, N. M., last week to open successfully the Army's fall series of annual service practice.

The 35-foot long missiles were launched from Green River, Utah by Fort Sill's Third Battalion, Ninth Field Artillery.

Before service practice ends some time in December, 10 other missiles are to be fired by Federal Republic of Germany Air Force and Seventh U. S. Army Soldiers based in Europe.

Pershing, the Army's most powerful battalion missile, has been operational for about 10 years in the United States and Europe and is a major part of the NATO nuclear shield. Col. Samuel C. Skemp Jr., is Pershing Project Manager and James Conner is on site technical supervisor for firing operations.

## First Week — Progress Report

# COMBINED FEDERAL CAMPAIGN—1974

### Dollar Statistics:

Cash Donations .....\$ 42,063.96  
Payroll Deductions ..... 257,226.10

\$299,290.06

### Personnel Statistics:

Number participants ..... 6,837  
Percentage ..... 25

## Human Relations Center Offers Problem Advice

Do you have a problem? Not enough money? Are you having that social drink even when you're alone? Is any problem knawing on you? If so, this article is for you.

Soldiers at Redstone have always found helping hands when confronted with problems whether they were finance problems, military personnel problems, alcohol and drug problems or other personal conflicts. Unfortunately, many problems arise during off-duty hours or when the "helping hand" may be hard to get to because of its location.

In an attempt to provide assistance during these off-duty hours in a convenient location, the Redstone Arsenal Human Relations Center has been opened. Formerly known as the Redstone Rap Center this facility is located in the troop area, building 3214, on Little John Rd.

Professional counselors staff the

Center from 8 a.m.-9:30 p.m., Monday through Thursday and 8 a.m.-4:30 p.m., on Friday. Representatives from the Redstone Arsenal Department of Mental Health (clinical psychologist), the Legal Office (legal assistant) and the Chaplain's Office (chaplain) will be available during scheduled times each week for counseling assistance in their particular problem areas.

The schedule is as follows: clinical psychologist, Mondays, 2:30 p.m.-4:30 p.m.; legal assistant, Tuesdays and Thursdays, 2:30 p.m.-4:30 p.m.; and chaplain, Tuesdays and Thursdays, 6 p.m.-9 p.m.

The Center is equipped with television, stereo, ping pong tables, darts and checkers and is open to all military personnel who are just looking for a place to relax.

## Mikitish Named To Labor Relations Post

John Mikitish has been appointed chief of the Labor Relations branch in the MICOM Civilian Personnel Division succeeding Leonard Brockman who retired earlier this year.

All of Mikitish's 27-year civil service career has been devoted to work in civilian personnel areas with about seven years experience in the labor-management relations field.

"Due to the type of work we do, much of our business is with the Department of Labor, the Federal Mediation and Conciliation Service, as well as the Army Materiel Command, and the Department of Army," he said.

"The scope of our relationship encompasses all areas covered in the executive orders on Labor-Management Relations in the federal service."

keep the avenues of communication open between the Army and the union," he said. "We can prevent problems by having supervisors and shop stewards work out solutions before problems arise.

"Much of my time has been spent in negotiating agreements between the union and MICOM. the Safeguard System Command, the Medical Department Activity at Redstone, the Missile and Munitions Center and School, and the Non Appropriated Fund group.

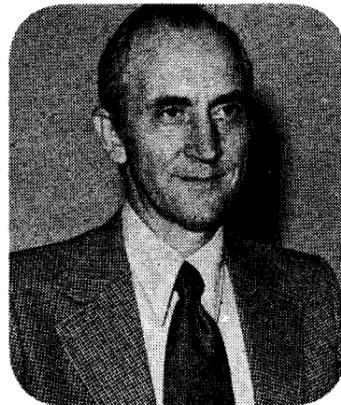
## Bill Cuts Increase Deadline

A bill that has passed the House of Representatives in Congress and is now before a Senate committee propose to eliminate the current deadline civilian employees must meet to retire and get a cost-of-living increase.

If the bill is unchanged from the way it cleared the House, it would permit a person eligible to retire at the time of the annuity increase to continue employment and still receive the increase up until time the next increase was announced. The retiree would get the increase or the increase earned by additional service, whichever is greater.

It is Senate bill 2144.

The law now requires eligible persons to retire before the date an annuity increase becomes effective in order to receive the added annuity.



JOHN MIKITISH

He has been at Redstone 15 years, and was the deputy Civilian Personnel Officer in the Army Rocket and Guided Missile Agency before that organization was consolidated with others to become what is now the Missile Command. "Our aim is effective labor-management relations, and the

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Redstone Youths Ramble—

# Redskins Trip Dolphins; Raiders, Saints, Rams Win

By DAVE COWAN

The action was furious and the game lived up to all expectations as the RSA Redskins nipped the RSA Dolphins 14-12 in a Ft. Campbell National League football contest last Saturday.

The Dolphins challenged the Redskins defensive line quickly in the first quarter as quarterback Ricky Doritty hit Malcolm Burns with a 10-yard pass. Ronnie Hollingsworth gave the Dolphins an early 6-0 lead on a 3-yard run up the middle for the TD.

The Dolphins seemed to be in complete control of the game as Dave Burrows gave his team a 12-0 margin on a 4-yard run off tackle in the third period. The touchdown was set up by a 62-yard drive in 13 plays.

But then came the breaks. With the poise and accuracy, Redskin quarterback Jon Doolittle narrowed the Dolphin lead to 12-6 in the final quarter. Doolittle hit Larry Pyle with a 25-yard pass and Anthony Doane took the pigskin over for a TD on a three-yard run off tackle.

With time running out, the Redskins recovered an on-side kick and Doolittle was at it again. Doolittle, on three completions covering 31 yards, fired an eight-yard pass to Steve Ferris for a TD and a tie football game. Doane came through with the two-point conversion to give the Redskins a 14-12 decision.

The Dolphins piled up 186 yards in total offense, compared to 126 yards by the Redskins, but the Redskins added an extra spark to their offense—Doolittle. The diminutive signal caller completed six of eight passes for 83 yards. The Males brothers led the Redskin offense with Bill gaining 21 yards on 13 carries and Kevin had 21 yards on six tries.

In rushing yardage, the Dolphins netted 95 yards more than the Redskin's offense, led by Hollingsworth with 61 yards in 14 carries. Dave Lewis had 44 yards in 8 carries.

**RSA Raiders Crush Plainview 60-0**

The RSA Raiders pounded out

eight touchdowns and 323 yards in total offense as they crushed Plainview 60-0 in a Brindlee Mountain Football League (12-13 year-old) contest last Saturday at Brindlee Mountain.

The Raiders with their devastating win remained in first place in the league with a 4-0

the two-point conversions.

Already leading 38-0, the Raiders added two more TDs in the third period on Kyle Rose's 38-yard gallop and Darren Vittorini's 17-yard run. The final score came in the final quarter on a 6-yard keep by quarterback Jim Ruttencutter. Olson com-

pleted the scoring with a run off tackle for the two-point conversion.

Defensively, Rusty Russell, Lyle Miller, Kelly Patton, Ron Bolding and Calvin Lorder were standouts, while Andrea Stone and Roger Doolittle made several

The Rams scored in the first quarter on Mark Archuletta's first of three TDs with a 60-yard off-tackle scamper. Due to a slippery pigskin and treacherous footing, the Ram offense was shut off for the remainder of the first half, and the Arsenal youths led 6-0 at halftime.

With the rain still falling, Archuletta rambled 60 yards on the third play of the second half for a 12-0 advantage. Archuletta ended the Rams third quarter scoring with a 14-yard run with fullback John Yezzi adding the two-point conversion.

Before the TD, the Rams had a scoring opportunity when Chuck Dunem scrambled 45 yards to the Neel three-yard line, but a Ram fumble halted the scoring drive.

The Rams added their final TD in the fourth quarter on their longest sustained drive of the game. Yezzi, with second effort running and key blocks by offensive guards Dave Ruttencutter and Dana Worsham, led a Ram drive 78 yards in seven plays for the TD.

## It's The Ending That Really Counts

Veteran paddleballer, Frank Nadolski, striking what he termed a "blow for senior citizens," captured the Redstone Paddleball Tournament Monday. He defeated Dennis Ervin, 21-10 and 21-11.

Nadolski, who styles himself as "a notoriously slow starter," attributed his success to plenty of exercise and loosening up before each of his matches.

The tournament champ played Ervin twice in the tournament, beating him in the second round of competition. Ervin battled back, however, in the losers' bracket to make it to the finals.

Nadolski beat Arlan Rounds in the semi-finals, 21-18 and 21-10, then Rounds lost to Ervin to set up the championship showdown.



**SAINTS CHEERLEADERS**—Foreground, Sherri McMeans, captain. Middle row, Stephanie Phillips, Renee Walker and Cindy Caceres. Back row, Lisa Miller, Barbara Shaffer, Deborah Doritty, Sherree McCowan and Theresa Shupe.

record.

The Redstone team scored three TD's in the first period on a 48-yard run by Hans Burley, a 38-yard end sweep by Mark McKnight and fullback Donnie Blackburn's seven-yard run. Blackburn and McKnight added two-point conversions.

In the second quarter, the Raiders added a pair of TDs on Jeff Ruttencutter's five-yard run and Jim Olson's two-yard sprint. Doug Bolles and Olson completed

the scoring with a run off tackle for the two-point conversion.

In their crushing 60-0 win, the Raiders held Plainview to a minus 48 yards on offense with help from Burley, Blackburn and Rose. They combined for 16 defensive tackles during the game and held the Plainview team with no first downs. Quarterback Ruttencutter completed three passes for 54 yards.

**Saints Blast Cowboys**

The RSA Saints (95-pound division) recorded their first win last week over the previously-undefeated National Cowboys to the tune of 22-0 in their final pre-season game in the Huntsville Football League.

The Saints enter the season with a 1-2 slate, while the Cowboys dropped to a 2-1 record. The 95-pound division of the city league started its regular season yesterday.

Wesley Lewis accounted for two of the Saints touchdowns on runs of 45 and 30 yards. Bill Doritty successfully added two 2-

key blocks offensively in lifting the Saints to victory.

The Saints compiled seven first downs and 185 yards rushing while allowing the Cowboys only two first downs during the game.

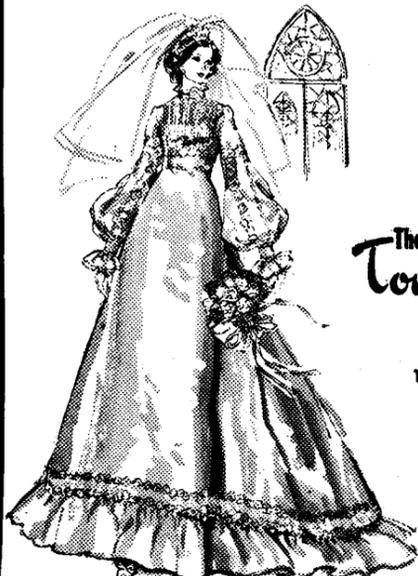
**Rams Blank Neel**

The rain and mud failed to dampen the running attack of the RSA Rams as they defeated previously unbeaten Neel 26-0 in a Mountain Football League game.

Incredibly, the Rams have racked up 118 points in four games while holding their opponents scoreless. The win put the Rams in sole possession of first place in the league with a 4-0 record.

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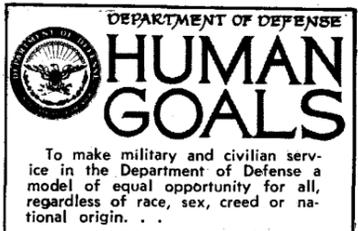
## Fishing Rodeo Slated Friday

If you have a buddy with in the Maintenance or Materiel Management Directorates, you may be able to get in on the fishing rodeo slated to start at the crack of dawn Friday, at Guntersville Lake.

Fisherman in pairs will launch their craft from the Val-Monte dock at 6 a.m. and flail the waters until dusk in a contest of wit and guile with the boisterous bass and cunning crappie. According to the committee for the event, the water temperature should be just right for excellent catches.

The entry fee of \$4 for bass or \$2 for crappie must be recorded by 4 p.m. Thursday. There will be many cash prizes.

For further details call Harold Patton, 876-2989 or 876-1812.



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# Colts Nail Falcons In Exhibition Series

The RSA Colts (95-pound youths) completed a three-game exhibition series undefeated last Wednesday with a 8-6 victory over the Northern League Falcons.

Swivel-hipped Robin Harris scored the only Colt touchdown on a sparkling 48-yard punt return with Rod Dinkel's run providing the winning two-point conversion. Mike Skeeters and Bobby Murphy led the defense throughout the

game. The hard-charging Colts won their first game against the Northern Dolphins by a 12-0 score and kept the Dolphins from making any first downs. The two TD's were made by Ernie Collier and Rod Dinkel with hard-nosed defensive line play coming from Bobby Murphy, Buddy Walker, Wally Johnson and Rodney Dinkel. Three touchdowns and outstanding defensive play by Bruce

Busck and Randy Speakman gave the "Dinkels Demons" their second win against the Northern League Redskins by an 18-8 score. The three TD's came on runs by Dinkel, Harris and Ernie Collier. The Colts will play a five game schedule in the Southern League with the winner and runner-up competing in a post season championship with the Northern League. Games are played on Wed-

nesdays at the RSA Football Field with "B" games scheduled to be held on Tuesdays.

## Schlendering Takes Top Honors

The 18-hole golf group sponsored by the Redstone Officers Wives Club played for the most 3s, 4s, and 5s in last week's playday competition on the Arsenal course.

Camille Schlendering headed the list of those with 3s. She totalled five holes in 3.

Erlene Dials, Marie Melocheck and June Young tied in second place.

Among those with the most 4s on their scorecards, Marian Depensmith had nine to top the list. In second place were Sonja Skemp, Mimi Diehl and Florence Teir.

Mary Parker had the most 5s with eight. Second place was another three-way tie among Midge Clisson, Betsy Pearce and Shirley Burnell.

## Hanby Leads

Nine-hole golfers in the group sponsored by the Officers Wives Club competed for a championship trophy. In three days of play last week, Louise Hanby hit low gross for the championship.

Nancy Hecker had second low gross in the championship flight and Doris Leonetti held second low net.

In the first flight, Norma Worley shot low gross with Dee Gibson in second place. Judy Dwyer had low net.

Alice Nix had low gross in the second flight.

## Local Soldiers Take Pistol Match Honors Here

Three members of the Redstone Arsenal pistol team took honors in three events in the Redstone sponsored tournament here last week. Five other shooters participated.

Bill Dickens of Huntsville was declared Match Winner with an aggregate score of 2540-79x.

In the Sharpshooter class, Captain James Fitzpatrick took the .22 caliber and .38 caliber matches with scores of 814-16x and 797-16x.

Staff Sergeant Frank Hill was top shooter in .45 caliber with a score of 796-10x. Hill had a grand aggregate of 2381-28x.

Specialist Six Danny Alexander made a clean sweep in the Marksman class with an aggregate total of 2200-19x.

"It was really a good day for the Redstone pistol team," said Staff Sergeant Ronald P. Alley, match supervisor for the event, "and we're looking forward to the Oc-

tober 14 match in Guntersville."

"We expect to send six Redstone shooters to that match," Alley said.

## Golfers At MMCS Present Blessing Award To Loflin

Sherman J. Crawford, with a tremendous smile on his face, walked away with top honors recently in the annual MMCS Golf League Tournament held at the Municipal Golf Course in Scottsboro.

And happy he should be. Sherman captured the prize for lowest net score of 62; longest drive on No. 7; and the closest to the hole on No. 16.

The golf season ended with the

annual Golf League Awards Banquet in the Safeguard Room at the Officers' Open Mess, where Colonel Thomas J. McDonald, MMCS commandant, presented trophies and tournament prizes.

Highlighting the ceremony was the presentation of the Robert Blessing Memorial Award to John Loflin.

The award is given to a MMCS golf league member selected by his contemporaries "as the person most representative of the golfer: who loves the game; who is a good sport; who is congenial with his teammates and opponents; and who is faithful to the league and all endeavors he undertakes."

In the election of officers for the 1974 season following the banquet, Bill Durham was elected president; Tom Rivers, vice-president; Segborne Garner, secretary; and Jim Liner, treasurer.

### MMCS MEN'S GOLF LEAGUE Final Standings

TEAMS	WON	LOST
Golfing Detail	159	97
Best Balls	151	105
Lancers	143	113
Lost Balls	135	121
Hodge Podge	131	125
Digital Duffers	126	130
Old Fogies	126	130
Parakeets	124	132
Jets	124	132
Pin Highs	124	132
Super Duffs	118	138
Parboils	117	139
Bogey Boys	112	144
Caotics	109	147

## Flag Football Starts Anew

The Redstone men's flag football league which got underway several weeks ago at the Arsenal came to a sudden halt last Wednesday as coaches of the 12-team league decided to restart competition with an additional two teams added to the roster.

The crimmage developed from a huddle of 12 team coaches over the fate of 5th ETC and 8th ETC. A representative from 5th ETC failed to submit a roster and attend the organizational meeting. They were eliminated from the league, while the students of 8th ETC forfeited two games, which calls for suspension from the league.

The coaches, after skirmishing over the ordeal, decided to add the 5th to the league roster and reinstate 8th ETC to create a 14-team league, divided into the National and American divisions.

Fourteen teams are now entered in this year's competition which started Monday to be climaxed by a play off in early November to determine the Arsenal champions.

Following the outcome of the coaches' meeting, a Commandant's trophy is planned to be presented to the top team in MMCS, in addition to regular trophies presented after playoffs in November.

## Shape Up Girls

A healthy idea supposedly in no way tied to women's lib or Billy Jean King, exercise classes are now available at the Post Gym for eligible women.

Female military and dependents are cordially invited to attend classes 8:45 a.m. to 9:15 a.m. Monday thru Friday at the gym, according to Mrs. Dee Arnold, who helped organize the program.

Whether to lose excess weight or strengthen bodies to compare with Billy Jean King, the program is designed to help fulfill nearly any ambition.

Monthly certificates are to be presented to the participant who reduces her weight the most. A trophy to be awarded every three months, goes to the quarterly weight loss champ, Mrs. Arnold said.

Special Services will award the certificates and trophies.



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# What Ifs Nab Lead As Turner, Hinson Shine

Despite being denied further action on the Honor Roll front last week AMC League bowlers reaped a bumper crop of outstanding individual efforts with no less than 16 keglers averaging 180 or better for the evening.

The What Ifs followed the lead of a pair of the 540's to a sweep of the Lancers and jumped into the lead, a point ahead of the Spares and Hughes TOW. The former won all four from the Bombers while the Missilemen took three of four from the Fat Cats.

Chuck Turner was the top What Iffer with 556 and Bob Hinson was close behind at 544. Dan Chepkaskas got a few strikes along with his Spares totaling 554

## Monday Night Mixed (Late)

TEAM	W	L
Gotcha's II	7	1
O' Dragon	7	1
Odd Balls	6	2
Tanglefeet	5	3
Moback's	5	3
Noboutadoutit	5	3
Snopy Snoozers	5	3
Strikeouts	5	3
Nite Owls	4	4
Black & White	4	4
L & M's	3	5
Riff-Raffs	3	5
Hover-Lovers	2	6
213 Bombers	2	6
Luckless IV	1	7
-3 + 1	0	8

High team series: Tanglefeet, 1663; L & M's, 1663; high team single: Moback's, 596, O'Dragon, 592.

High Ind. series (men): J. Agee, 511; (women): L. Lowery, 470; B. Jones, 448; high game (men): J. Agee, 195; B. Maberley, 187; (women): L. Lowery, 180; B. Jones, 158.

## Men's Tuesday Nite

	W	L
Nike	11	1
Rookies	11	1
Marines	9	3
Squires	7	5
MICOM II	7	5
MICOM I	6	6
½ & ½	6	6
Pacesetters	6	6
Master Blasters	6	6
Hometeam	6	6
Retire I	4	8
Five Aces	4	8
HQ MMCS	4	8
Personnel	3	9
Company C	3	9
NWD	3	9

Team Series: MICOM I, 2877; Rookies, 2858; Retired I, 2815.

Individual Series: J. Benjamin, 603; H. Jackson, 557; D. Watson, 553.

Team Game: MICOM I, 1008; Pacesetters, 990; Retired I, 989.

Individual Game: D. Watson, 244; J. Benjamin, 233; D. Reed, 212.

## Men's Thursday Nite

	W	L
Pin Poppers	7	1
Snoops	7	1
Centurians	6	2
Sick Calls	5	3
Kawumps	4½	3½
Boogers	4	4
Redrock Rangers	4	4
Misfits	4	4
Home Team	4	4
Schnorkelspitz	4	4
Company B	4	4
Marines	3	5
D.B.'s	3	5
Skates	2	6
Losers	1½	6½
Wildcats	1	7

Team Series: Kawumps, 2827; Pin Poppers, 2750; Boogers, 2736.

Individual Series: T Baldwin, 536; J. Beyea, 527; D. Reed, 521.

Team Game: Pin Poppers, 979; Redrock Rangers, 966; Boogers, 946.

Individual Game: J. Murray, 233; T. Baldwin, 225; E. Phillips, 224.

while Lee Lavender rapped out a 544 for the luckless Bombers. Oliver Patrick was the top TOW gunner with 546.

The league's two premier shooters for the evening did their work in the All-Sport cause that netted a sweep of the Sprinters, with a total pinfall of 3006.

Lee Keim was the leader at 589 and Dan Koklas chipped in with 577. Red Totten made it a tough threesome at 531, while Earl Sims had 550 and Art Frederick 540 for the winless Sprinter.

The Rockets had another solid one-two punch going as Dave Cowan rapped out a 571 set and Steve Stevens hit for 543. Sheraton had the same news for the T-birds with Chuck Hennis ripping off a 556 and Jack Nelson stacking 552 more.

The league's three top individual shooters were embroiled in a shootout with the Alley Cats edging out a 3-1 margin over the Bandits. Noel Moore dropped to 192 despite a 558 and Reggie McLaney got up to 181 with his 555 for the

Cats. John Goltz included a 215 in the middle of his 561 run for the Bandits. He has a 187 reading after four weeks.

### WED. NIGHT OFFICER'S BOWLING LEAGUE

Team	Won	Lost
Bee N's	22	2
Swingers	18	6
Lucky Strikes	18	6
Sperts	16	8
Strikeouts	14	10
Exastrators	14	10
Black Jacks	14	10
Hardhats	12	12
Readiness Group	10	14
Misfits	10	14
Alley-oops	8	16
RASA Widgets	8	16
Weezers	8	16
TBDL's	8	16
No Names	8	16
Users	4	20

High team series—Bee N's 2462; Lucky Strikes, 2446; high team single—Bee N's 869; Lucky Strikes 836; high ind. series: J. Johnson, 601; T. Wilkerson, 583; J. Laska, 568; high ind. game: Wilkerson, 243; Weinberg, 225.



## Robbins Named Honor Graduate

Corporal Victor M. Robbins of Harvest, Ala., was recently named honor graduate from the U.S. Army Missile and Munitions Center and School, Redstone Arsenal, in the Nike high-power acquisition radar and radar simulator repair course.



ROBBINS

He is the son of Mr. and Mrs. Harley Robbins of Harvest.

During the 41-week course, Robbins became familiar with the Nike acquisition radar and the use of special electronic test equipment to isolate malfunctions in radar circuits and components.

Robbins is a 1971 graduate of Sparkman High School at Toney, where he was in the Junior ROTC Program. He was a member of the drill team and the S-2 of his student battalion at Sparkman.

Robbins is presently attending the University of Alabama in Huntsville during after duty hours.

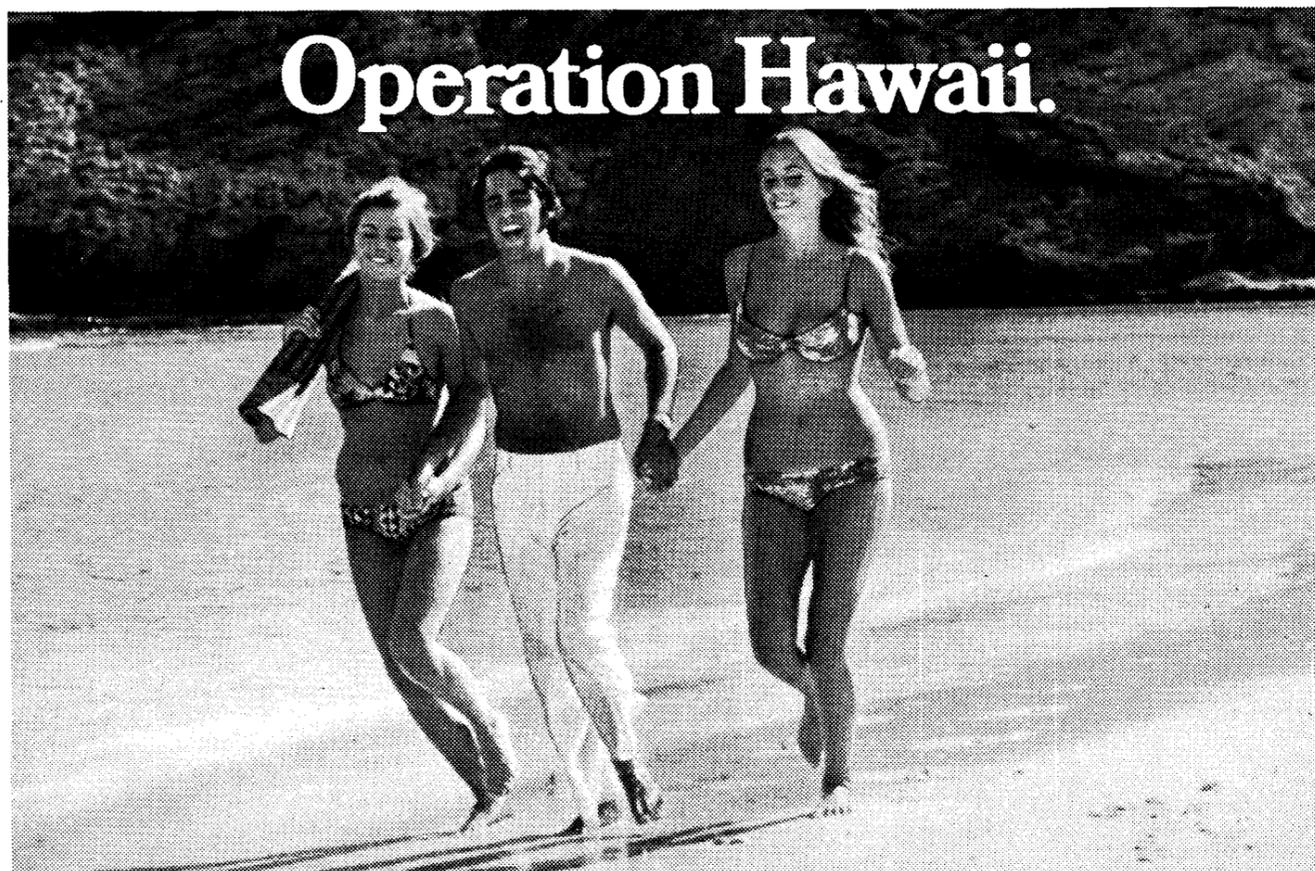
## MICOM Bees Rule In HITL

MICOM's B Division netters turned in their best showing ever in the recently concluded season ending fall tournament of the Huntsville Industrial Tennis league.

Two of the three singles titles were decided in all-MICOM scraps. CWF players also claimed one doubles crown and came in second for another.

Dee Boyd defeated George Elrod in taking the No. 1 singles crown and Jim Burt ruled the fifth slot singles play after whipping Don Combs in the final match.

Bob Lindeman teamed with Boyd in winning the No. 1 doubles title but Joe Craft and Elrod dropped the final No. 2 set.



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You get a free boat tour of Pearl Harbor.

The uniforms of the day are aloha shirts and muumuus. Unless you change into swimsuits.

The days are made up of swimming, surfing, fishing, horseback riding, golfing, snorkeling, picnicking. Or loafing.

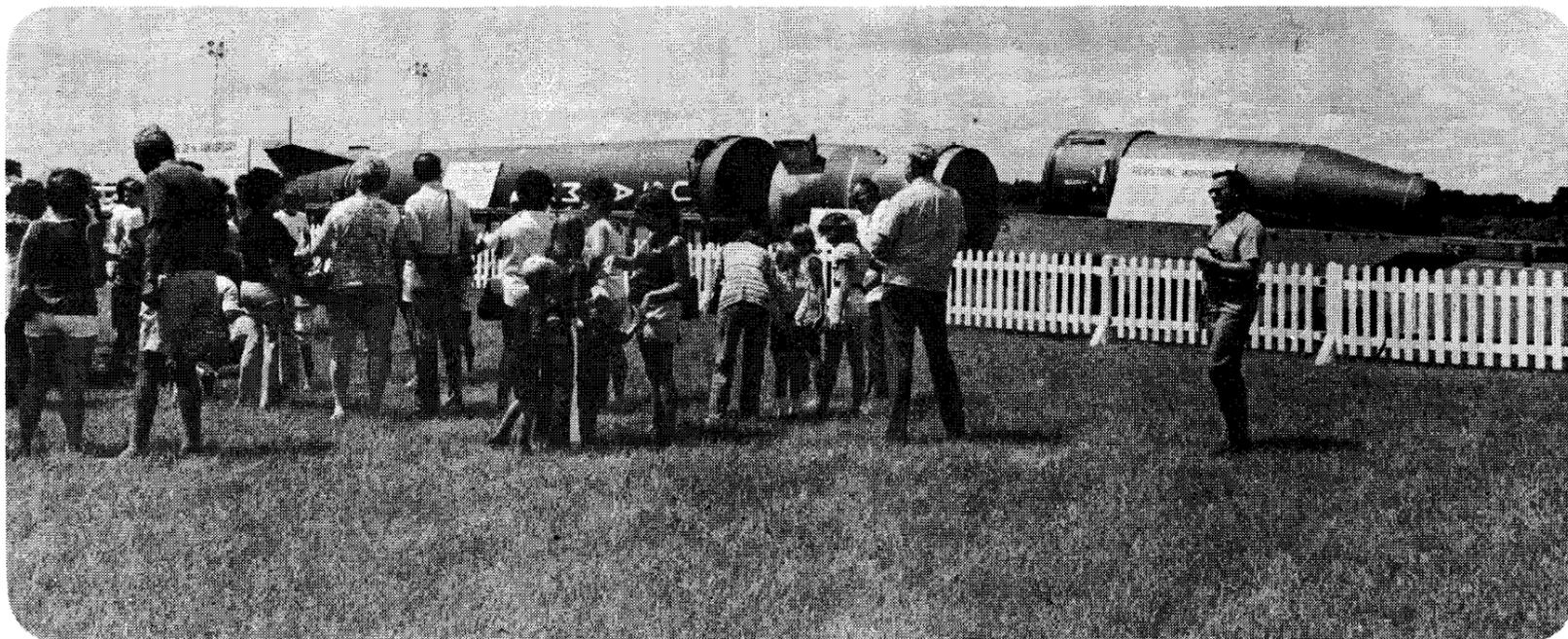
The nights? Well, there are luaus, hula shows, nightclubs...

and moonlight that can hardly be believed.

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**OLD PRO IN A CROWD**—A tactical Redstone missile in Army green—provided by the Army Missile Command—has been attracting a lot of attention since it went on public display last month at the Kennedy Space Center's Visitor Orientation Center to commemorate the 20th anniversary of the first Redstone launch. KSC annually hosts more than one million visitors, has already passed that mark this year. The Redstone is to become a permanent part of KSC's displays.

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# S And E Program Serves, Passes On

Specialist Four Gene Rubert is the last of a vanishing breed.

With about three months left to serve in the Army, the 26-year-old soldier is the last enlisted man remaining in the Missile Command's scientific and engineering program.

Once the program flourished. Not more than two years ago, MICOM counted 38 enlisted soldiers who worked alongside civilian scientists and researchers developing Army weapons. They even had their own company within a company.

But when the Army decided to reduce enlisted spaces, one of the victims became the S&E program.

"With the draft gone, the Army likely wouldn't get many enlistees with engineering degrees anyhow" the bespectacled, mustachioed Rubert said.

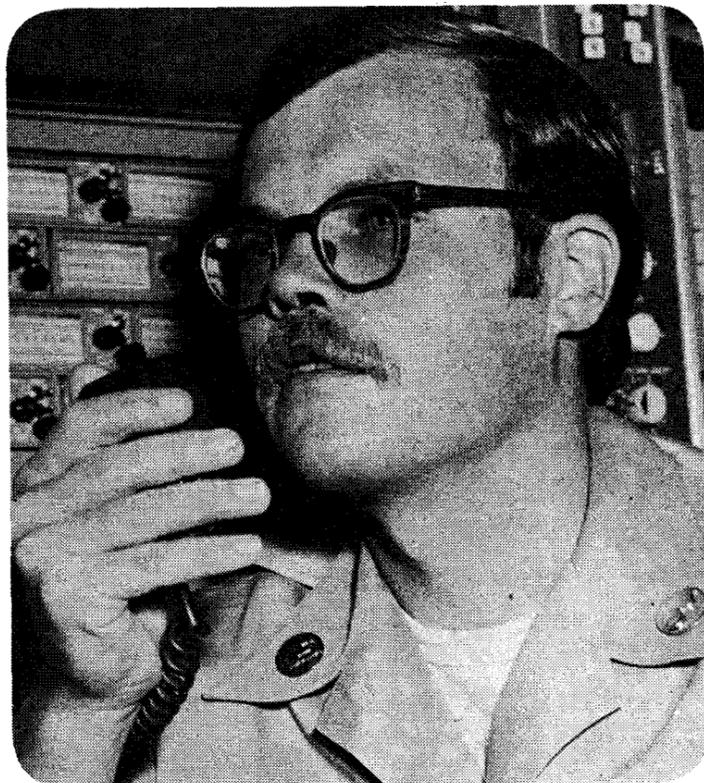
## GREAT PROGRAM

"It's been a great program—both for the Army and soldier as well."

Guy McCombs, Supervisor of the Flight Test Engineering Group in MICOM's Flight Operations Division, rates Rubert "...the best soldier we've ever had."

"He has done a great job for us," said McCombs, who is Rubert's supervisor.

A native of Rockford, Ill., Rubert is listed on Army rolls as a mechanical engineering assistant.



"...IT WAS GOOD PROGRAM—"

... Gene Rubert

MICOM's last enlisted S&E ...

At the moment, he is test engineer for Flight Operations on the Selective Effects Armament System (SEAS), a helicopter

launched weapon system being evaluated as a replacement for the 2.75 rocket.

"He also has served as assistant test engineer on Dragon and assistant test engineer on a MICOM research program to develop a light anti-tank weapon, McCombs. "We saw he could cut the mustard so we gave him full

responsibility for the SEAS program"

A graduate of Northrop Institute of Technology in Los Angeles with a degree in aerospace engineering, Rubert is hoping to land a job at Redstone as a civilian test engineer when he leaves the Army in December.

## LOVES WORK

"I love the work. It's exciting... something different happens all the time. There's some paperwork, sure, but I don't have to sit behind a desk all day shuffling paper," Rubert said.

How did he get the job testing missiles?

Rubert's eyes lit up and he twirled his moustache.

"When I came to Redstone, all of us in the S and E program were sent to different directorates for interviews. We got the chance to see what places we liked best."

Rubert requested and got Flight Operations Division of the Test and Evaluation Directorate.

He still smiles about what he considers his good fortune to be assigned to Redstone.

"I've seen a couple of test areas at other installations," he said, "and they seem downright primitive compared to the Missile Command."

Rubert is grateful to the S&E program which has given him two years experience in missile testing, while completing Army service obligations.

He twirled his moustache and gazed wistfully at nothing in particular.

"I just hope something can be worked out by December," he said.

# Oldest Civilian Dies

A heart attack claimed the life of the Missile Command's oldest employee last week.

James W. Bragg, Sr., 74, a technical publications editor in the Maintenance Directorate, died early last Wednesday morning in Huntsville Hospital after a brief illness. He worked until the day before his death.

Bragg, a student of the history of the Civil War era, planned to retire on his 75th birthday next February and complete a book based on his large collection of historical documents.

A World War I Navy veteran, he returned to college in 1948, at the age of 49, to complete his undergraduate studies and later received a masters degree in history from the University of Alabama.

In his earlier years, Bragg farmed extensively, specializing in truck produce. He was widely known in the area as "Turnip Green Jim" for his success with that crop.

A native of Madison County, he taught in the Gadsden school system and also taught night classes for World War II veterans for a number of years.

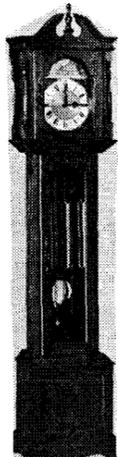
He began working at Redstone in August, 1960, as a national defense historian and later was assigned as a technical editor with the National Maintenance Point. He is remembered by his colleagues for his dedication to his job and his skill at scholarly repartee.

He is survived by his wife, Jane, 3 sons, 5 daughters, 25 grandchildren and 3 great-grandchildren.

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## Job Openings

**ARIZONA**  
Army wide vacancy announcement no. 365-73 dated Sept. 17, 1973, COMMISSARY STORE MANAGER GS-1144-11 (closing date Oct. 8, 1973). Submit SF 171 to Civilian Personnel Officer, Attn: Chief, Recruitment and Placement Branch, Headquarters, Ft. Huachuca, Ft. Huachuca, Ariz. 85613.

**FLORIDA**  
Department of the Navy merit promotion program announcement no. 54-73 dated Sept. 7, 1973, BUDGET OFFICER GS-560-9 (closing date Oct. 8, 1973); also announcement no. 58-73 dated Sept. 13, 1973, PROCUREMENT OFFICER GS-1103-11 (closing date Oct. 11, 1973). Both positions submit SF 171, no. 54-73 include Supplemental Form for the Position of Budget Officer) to Civilian Personnel Department, Box 22, NAS, Jacksonville, Fla. 32212.

**NEVADA**  
U.S. Naval Ammunition Depot, Hawthorne, Nev. lists the following vacancies announcement no. 40-73 dated Sept. 5, 1973, EQUAL OPPORTUNITY SPECIALIST GS-160-07/09 (closing date Oct. 5, 1973) and announcement no. 79-73 dated Sept. 14, 1973, SUPERVISORY SAFETY ENGINEER GS-803-11/12 (closing date Oct. 14, 1973). Both positions submit SF 171 to Civilian Personnel Office (0612), U.S. Naval Ammunition Depot, Hawthorne, Nev. 89415.

**OHIO**  
Wright-Patterson Air Force Base announcement no. DPCMB-73 dated Sept. 14, 1973, MEDICAL OFFICER GS-602-13 (closing date Oct. 12, 1973). Submit SF 171 and supervisor's appraisal to 2750 ABWG/dPCMB, Attn: Myrtle K. McDaniel, Civilian Personnel Branch, Wright-Patterson AFB, Ohio 45433.

**VIRGINIA**  
Army wide vacancy announcement no. 366-73 dated Sept. 17, 1973, RESOURCES MANAGEMENT OFFICER GS-301-14 (closing date Oct. 8, 1973). Submit SF 171 to Civilian Personnel Officer, Attn: Chief, Recruitment & Placement Branch, Headquarters, Ft. Monroe, Ft. Monroe, Va. 23651.  
Defense Communications Agency job opportunity announcement No. 747 dated Sept. 14, 1973, SUPERVISORY COMPUTER SPECIALIST GS-334-15 (closing date Oct. 15, 1973). Submit SF 171 to Defense Communications Agency, Attn: Code 721, 8th & South Court House Road, Arlington, Va. 22204.  
Defense Supply Agency job opportunity announcement no. "F" dated Aug. 21, 1973, CLERK-TYPIST GS-322-5 (open continuously). Submit SF 171 to Defense Supply Agency, Attn: DSASC-ZE, Room 8A111, Cameron Station, Alexandria, Va. 22314.

**WASHINGTON, D. C.**  
Headquarters, Department of the Army lists an opening for a FACILITIES SPECIALIST (recreation & education) GS-301-12 in an announcement dated Sept. 14, 1973 (closing date Oct. 5, 1973). Submit SF 171 to U.S. Army Military District of Washington, Civilian Personnel Directorate, Attn: Ms. Roybal, Forrestal Building, Room 7A-175, 10th & Independence Ave. SW, Washington, D. C. 20314.

**MISCELLANEOUS**  
Army wide vacancy announcement no. 461-73 dated Sept. 17, 1973, PROGRAM

MANAGER GS-340-15 (closing date Oct. 1973). The announcement reads as follows: "This announcement will be used to recruit for Civilian Deputy Commander positions at selected Army depots within the U.S. Army Materiel Command. Recruitment is currently being initiated to fill the position of Deputy Commander at Anniston Army Depot (ANAD), Anniston, Ala. Applications and related documents submitted by persons not selected for the position at ANAD, will be retained at HQ AMC for up to one year from the closing date for consideration when recruitment action is initiated at other AMC Depots." Submit SF 171 to Civilian Personnel Division, Attn: AMCP-CR, U.S. Army Materiel Command, 5001 Eisenhower Ave., Alexandria, Va. 22304.

The U.S. Army Engineer District, Omaha, lists the following vacancies in an announcement dated Sept. 10, 1973, no closing date indicated. For these positions submit SF 171 to District Engineer, U.S. Army Engineer District, Omaha, Attn: Personnel Office (MRPO-R), 6014 U.S. Post Office and Court House, Omaha, Neb. 68102.  
At Omaha: COMPUTER OPERATOR (two) GS-332-7, 8; CIVIL ENGINEER (two) GS-810-9; SAFETY ENGINEER GS-803-11; CIVIL ENGINEER GS-810-11; MARINE EQUIPMENT REPAIRMAN WG-6203-11; HEAVY MOBILE EQUIPMENT WG-5803-10.  
At Sawyer AFB, Mich.: MECHANICAL ENGINEER GS-830-9.  
At Indianapolis: CIVIL ENGINEER GS-810-11.  
At Des Moines, Iowa: CIVIL ENGINEER GS-810-9/11.  
At Niobrara, Neb.: SUPERVISORY AT-TORNEY-ADVISER (real property) GS-905-12 or SUPERVISORY REALTY SPECIALIST GS-1170-12; REALTY SPECIALIST (three) GS-1170-11.

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## College More Expensive

Families who are getting ready to pay college expenses this fall will find bigger bills in their mailbox.

The reason, to no one's surprise, is that college costs are going up again.

This year, basic charges in public colleges and universities across the country will increase an average of 5 per cent. These charges, consisting of tuition, fees, room and board, have increased 26 per cent in the last five years, according to a survey of public and private residential colleges by the Life Insurance Agency Management Association.

In dollars, parents will now pay an average of about \$380 more this year for a year of public college education than five years ago. For private colleges, the additional cost will be higher.

However, the LIAMA survey notes that what a family pays will depend to a larger extent on the type of school and its geographical location.

### The Lowest Cost

The lowest median basic cost—\$1,321 a year—is for a boarding student attending a public college in his or her home state in the South, according to the survey. This compares to \$1,253 just a year ago.

Five years ago the median cost in this region of the country was \$324 less. The 1973-74 figures represent a 25 per cent increase.

Looking at other public college costs in other regions of the country, the survey shows that in the West families will pay \$63 more than those in the South, while those living in the North Central area will pay \$212 more. In the Northeast, the cost will be \$353 more, an increase of 35 per cent over a five-year period.

Out-of-state students attending public colleges or universities will have to pay an additional charge in the \$700 to \$975 range, depending on the school and its location.

The expense of an education at a private college or university is appreciably higher, mainly because these schools do not receive the same kind of public financial support as do state universities. However, the geographical cost pattern also applies to these schools.

For example, the survey shows that the average basic cost at private college in the South will be \$2,483, or \$148 over the cost a year ago. Over the five-year period, the cost in this region increased 26 per cent.

Compared to the South, the cost for private schools in the West and North Central States will average between \$400 to \$484 higher. For private schools in the Northeast, the average will be over \$1,000 higher.

Over the five-year period, the total basic cost charge has increased an average of 27 per cent, or over \$800, for private college students throughout the country.

### Tips On Financing

Wherever the region, financing a college education is a major undertaking. Families tackle the problem in various ways. Students today often use summer earnings to help with expenses. Families may borrow on their life insurance policies, repaying the loan as budgets permit. In many instances a mother takes a job to help see a son or daughter through school. Loans may be available from local banks which can be paid back after graduation.

Colleges themselves can be a source of assistance, through campus jobs, scholarships or student loan funds.

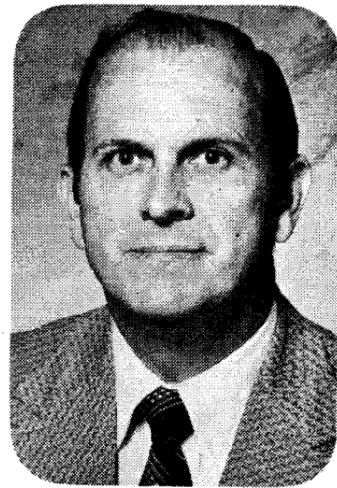
Many families also add their life insurance coverage so that funds for education will be available if death should cut off the family income.

Families with children who will soon be entering college may wish to obtain a copy of the LIAMA study, which reports on nearly 1,200 colleges and universities granting bachelor's degrees. The listing includes information on type of school (public or private), number of men and women undergraduates, a breakdown of 1973-74 fixed costs, and non-residents fees at state institutions.

The report, "1973-74 College Costs," is available without charge from many life insurance agents, or at a cost of 45 cents from the Life Insurance Agency Management Association, 170 Sigourney Street, Hartford, Conn. 06105.



**HONORED**—Colonel Donald Steenburn, who has just retired from active military duty, gets the Legion of Merit at Redstone Arsenal. Major General Edwin I. Donley presented the award. Steenburn was cited for meritorious service "... as Chief of the Control Office and later Deputy Director of RASA, and as Chief of the Air Defense Special Items Management Office."



**SECOND VICE PRESIDENT.** MICOM attorney Carl Ray Stephens is the new second vice president for the Fifth Circuit of the Federal Bar Association. A former president of the North Alabama Chapter, Stephens' election carries with it the automatic appointment to the highest FBA post in the Region in October of next year.

## Steenburn Leads September Retirees

Nine men retired from active Army service at the end of September. One received honors during the Retreat Parade and Review on the Arsenal Field Thursday with Brigadier General Louis Rachmeler serving as reviewing officer.

Honored was Colonel Donald R. Steenburn. The other retirees are: Lt. Col. Robert P. Loshbough, SMG Herbert B. Kaim; MSG Robert E. Knight, MSG Adron G. Stevens, SFC Charlie Pugh, SSG William Allen, Jr., SSG Charles M. Wigfall and SP6 Derrell E. Stubbs.

The 55th Army Band led the parade of troops from the Army Missile Command and the Missile and Munitions Center and School.

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The Marine Corps has joined the Army in testing a reduced drill requirement for reservists in an effort to encourage enlistments.

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## Old Buildings Fading Away

Memories are leaving Redstone Arsenal in building form.

Office buildings, as well as dwellings are trucking off the arsenal, some of them as a complete building, others dismantled with all useable items stacked on trucks—destined for a salvage yard.

Economy has prompted Army estimators to move excess buildings in much the same way as Redstone Park was razed, leaving the paved places after a contractor carts the housing units away to become farm buildings or lake cottages.

Salvage Incorporated of Arab has the contract to dispose of the 18 buildings the Army declared surplus. Moving is underway.

One of the buildings (7131) destined to be a four-family housing unit, has had a checkered career. It started and ended as an office building, but saw blood-mobile operations, officers open mess activities and was an obstetrics and gynecological clinic with a ward for new mothers and a nursery for their babies in the 50s.

### CPO BUILDINGS

Some of those barracks and other buildings in the area now principally occupied by the Civilian Personnel Office are also slowly leaving the sites on which they were built during World War II.

A familiar landmark to travellers on Patton and Martin Roads has vanished from the island created when an access road was built to allow travelers on Martin to mingle with northbound traffic on Patton. The white frame dwelling that stood on the spot before the Arsenal was built and which had served as quarters for military families is gone.

Not one of these buildings stir the imagination as the ancient Lee house on the South end of the arsenal near the Tennessee River does.

The house was originally built in 1818 when James Cooper brought his 17-year-old bride, Charity, to his homestead in the rich bottomlands on one of the choicest plantations in Madison County.

In 1834 Cooper committed suicide by placing an iron pot on his head and plunging into the ice cold river, leaving Charity heir to his real estate, cotton crop, livestock and slaves.

### REMAINED

Charity concentrated on keeping the plantation going, but apparently missed the companionship of her late husband so when Col. Houston H. Lee, formerly of Tennessee, asked her to marry him she consented.

Apparently this sharp-witted woman didn't trust men. She went to the Madison County Courthouse and registered a document which left her in complete possession and with complete control over all of her property.

The couple enlarged the house, giving it the "Z" shape of the present structure and built a carved circular stairway, the one beautiful feature in an otherwise utilitarian structure which includes fireplaces built from field stone and slave-made bricks. The latter were also used to floor the dogtrot.

After the Civil War, Charity was forced to sell the house to pay off debtors. She died childless with a small amount of money in 1872.

The house changed hands several times before the government purchased it in 1941. During World War II and in the early 1950s, it served as a family house for military assigned in the missile program. Upkeep became uneconomical, so it has been vacant for several years.

**Dial 112 For Redstone News**

## Recruit Promotion Offered

WASHINGTON (ANF) — The Army has announced a new program to assist the recruiting effort. Now individuals who have enlisted in the Army's 180 day delayed entry program can enter active duty as a E-2 if they can get three other qualified men or women to join the Army.

## SAFSCOM Awards WECO Contract

The U. S. Army Safeguard System Command has awarded a \$14,239,951 contract for continued technical support at Kwajalein Missile Range in the Pacific to Kentron Hawaii, Limited, a subsidiary of LTV Aerospace.

Kwajalein Missile Range is a national missile range located in the Marshall Islands, about 2500 miles west of Hawaii.

The cost-plus-fixed-fee contract covers work to be performed by Kentron Hawaii from October 1, 1973 through September 30, 1974.

The firm will supply a variety of technical services, as well as management, engineering, and technical personnel necessary for the operations of the complex range facilities.

Approximately 75 percent of the work under the contract will be performed at Kwajalein Missile Range. The remainder of the work will be divided between the firm's offices in Honolulu (approximately 15 percent) and Huntsville, Alabama (approximately ten percent).

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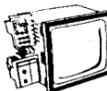
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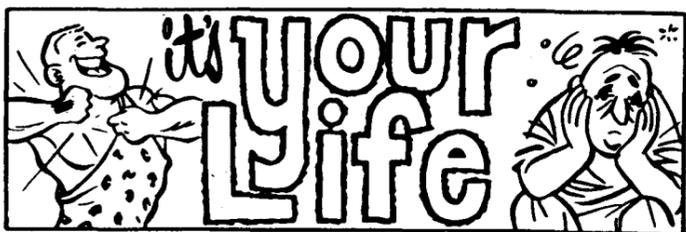
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Marihuana may have a cumulative ill effect on the heart, Veterans Administration research suggests.

Investigators at the Wood, Wis., VA center have found that administration of the most active component of the drug, THC, resulted in alterations in the electrical activity of the heart as well as increased heart rate, premature heart contractions, and other heart-beat irregularities.

The study was conducted in seven young, healthy men who volunteered for the research.

Reporting their findings in the July 2, 1973, issue of the *Journal of the American Medical Association*, Mahendra S. Kochar, M.D., of the VA center's clinical pharmacology service, and Michael J. Hosko, Ph.D., of the Medical College of Wisconsin, say that previous exposure to marihuana may influence the severity of electrocardiographic changes.

Commenting on the research, an editorial in this same issue of the A.M.A. Journal says:

"Cannabis-induced intrinsic myocardial changes, as reflected in the electrocardiogram, are described by Kochar et al (p. 25). Three hundred milligrams of tetrahydrocannabinol given by mouth to seven volunteers, four of whom have had previous ex-

perience with marihuana, induced ST elevations and flattening of T waves in some subjects and an ectopic ventricular beat in one. Significantly, these electrocardiographic abnormalities were prominent only in previous users of cannabis.

"Is the effect of the drug cumulative? If it is, then cardiovascular involvement in habitual, heavy marihuana smokers may become a cause for concern. For the moment, however, taking a short-range view, we can see a greater danger in overreading the ECG in cannabis users and misdiagnosing coronary disease or pericarditis where none exists."

## Incentives Offered For Civilian Skills

WASHINGTON (ANF)—The Army's Lateral Entry Program is being revitalized. Beginning Dec. 1, civilians possessing a skill and skill level required by the Army will be offered advanced promotions for enlisting.

The qualified applicants for this program will receive grade E-3 upon enlistment and further accelerated promotions based on a satisfactory performance in the skill for a period of eight weeks. The promotion to E-4 or E-5 will be without regard to time in grade, time in service or promotion allocations.

The old program provided for an entry grade of E-2 and was open only to 50 Military Occupational Skills (MOS). The new program will be expanded to include 163 MOSs.

The Army hopes for 5000 entries the first year to fill hard skill requirements. Last year only 1,100 persons entered the Army under the old program.

## E-4's Get Break In New Policy

ANF—There are some new promotion guidelines for E-4's. Soon some PFCs can be promoted to grade E-4 with as little as 12 months of service.

The only constraint is that promotions will not be made which will cause more than 35 percent of the Command's assigned E-4 strength to have less than 21 months of service.

Commanders are also authorized to pool their subordinate command assigned grade strength at any desirable level if such pooling will result in a greater promotion capability.

The new promotion guidelines are effective October 1.



## Dial 112 For Redstone News

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# Auburn Prof Spends One Year With MICOM

Dr. Ken Harwell, professor of aerospace engineering at Auburn University, arrived last week to spend one year at the Army Missile Command working in the Advanced Sensors Directorate as a visiting research professor under the joint government-university exchange program.

He is also a Ford Foundation Resident Fellow, an award made by the American Society for Engineering Education.

Harwell will direct research in the area of gas dynamics and molecular radiation related to jet aircraft plumes.

"This will contribute to the development of new or future heat seeking missiles and low cost devices to simulate expensive full-scale aircraft," the professor said.

"We will develop analytical models which will be tested by experimental measurements. We'll be able to build and test hardware in the laboratory based on this work."

Harwell's bachelor degree in aeronautical engineering is from

the University of Alabama. He earned his masters and doctorate degrees at the California Institute of Technology.

He comes to Redstone after serving as a consultant at Eglin Air Force Base, Fla. the last two summers. Earlier in his career he was a consultant at the Ballistic Research Laboratory, Aberdeen Proving Ground, Md., and at Hayes International in Birmingham.

Before joining the Auburn faculty in 1963 he had worked as an assistant research engineer at Cal Tech and as an associate engineer at General Dynamics in Fort Worth, Texas.

## HONORS

Among the honors he has received are: most outstanding research journal article, School of Engineering, 1972-73; Alumni Professorship at Auburn, 1969-72; most outstanding engineering senior, College of Engineering, University of Alabama, 1958-59; and Tau Beta Pi fellow, national



**VISITING PROFESSOR**—Dr. Ken Harwell, center, professor of aerospace engineering at Auburn University, is working at MICOM for one year in the Advanced Sensors Directorate under a government-university exchange program. Talking with him are, left, William J. Lindberg, Advanced Sensors director, and Colonel Rudolph Axelson, deputy director of the Missile Research, Development and Engineering Laboratory.

scholarship award to Cal Tech, 1959-60

He is a member of the American Institute of Aeronautics, American Physical Society, Sigma Xi, Sigma Pi Sigma, Tau Beta Pi, Theta Tau, and the American Society for Engineering Education.

Harwell is married to the former Sharon Hilton of Vidalia, Ga., and they have two daughters, Kathy, 8, and Karen, 3. Mrs Harwell was an assistant professor in the Auburn University of Home Economics.

## Local Men Present Research Papers

Three papers will be presented at the Operations Research Symposium at the Army Research Office in Durham, N.C., Oct. 2-5 by operations research analysts from the Systems Analysis Office at the Missile Command.

Raymon S. Dotson has prepared "A Model for Logistic Sim-

ulation (SIMLOG) and Logistic Support Planning for the Improved Cobra Armament Program.

Aaron Ellis' paper covers "Performing Risk Analysis for a Surface Guided Missile System;" and Charles Colvin will present "Radar Hardware Second Buy Decision Risk Analysis."

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<b>1970 Monte Carlo SS</b>	<b>\$2185</b>
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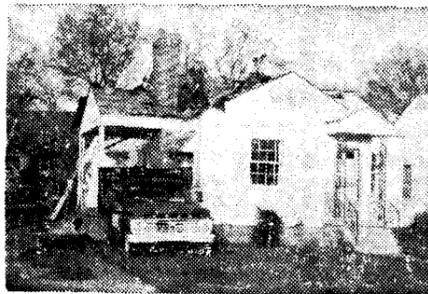
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## AIIE Sponsors Environmental Conference

The Huntsville Chapter of the American Institute of Industrial Engineers (AIIE) is sponsoring its eleventh annual conference and short course on the subject "Environmental Constraints: Dilemma and Challenge." at the Sheraton Motor Inn October 25-26, 1973.

The Conference is designed to aid engineers, planners, researchers, industrialists, and students in better understanding the dilemma that exists for industry and society in response to environmental impacts.

Broad aspects of environmental

concerns and their future social and industrial implications will be addressed along with some proposed technological solutions such as urban transportation, new energy sources, clean air control environmental monitoring, and mathematical prediction.

The final session of the two-day conference will address industry's response to safety and health constraints imposed by the Occupational Safety and Health Administration.

Additional information may be obtained from H. A. Lewis, 837-3050 ext. 299 or B. L. Johnson, 883-1550 ext. 307.

The U. S. Army Safeguard System Command has awarded a \$125,532,070 contract to the Western Electric Company for continued production, installation and test activities, and management in support of the Safeguard Ballistic Missile Defense System deployment at the Grand Forks, North Dakota site.

The Grand Forks site represents the current one site deployment program approved by the Congress. It is scheduled to reach its equipment readiness date in late 1974.

Major subcontractors who will

share in the award and the approximate amounts they will receive are: McDonnell Douglas Astronautics Company, Huntington Beach, California, \$25.4 million for work on the Spartan missile and associated equipment; Raytheon Company, Bedford, Massachusetts, \$21.9 million for work on the Missile Site Radar; Orlando Division of Martin-

Marietta Aerospace, Orlando, Florida, \$18.4 million for work on the Sprint missile and associated equipment; General Electric Company, Syracuse, New York, \$5.9 million for work on the Perimeter Acquisition Radar; and General Electric Company, Huntsville, Alabama, \$800 thousand, for work on general purpose test equipment.



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... "And step by step since time began,  
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This year marks the fifteenth anniversary of the signing of the Space Act of 1958, the start of the National Aeronautics and Space Administration and the exploration of space, one of the most significant events of our time.

Each step has brought us greater knowledge of our planet, its resources, and its preservation. This is the product of a remarkable synergism: the parallel growth of space vehicles and computer technologies.

At Computer Sciences Corporation, thanks to NASA, we have had the singular opportunity over the past decade to play a major role in space research as facilities manager, as developer of computer operating systems, as designer of systems software, as systems analyst and engineer, as applications programmer, and as contributor to the numerous services that are the essential behind-the-scenes tasks in space research.

We believe the next fifteen years will advance the ecology of the earth, provide advance warnings of disasters, and enable better management of our air, water, and land resources for all mankind.\*

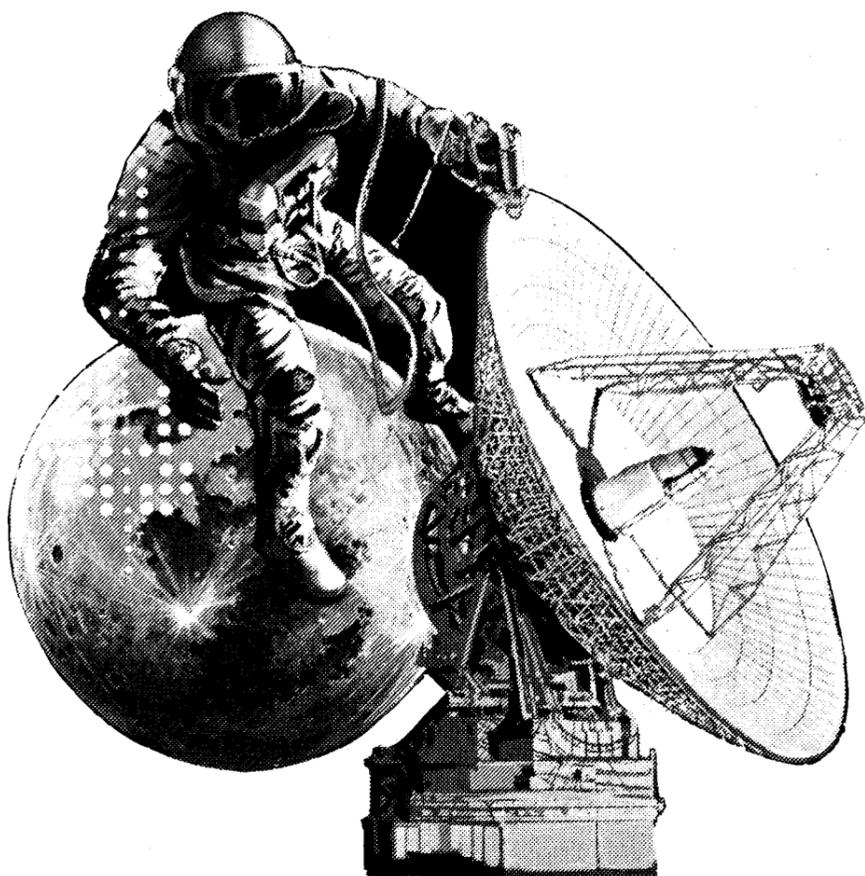
\*Send for our NASA anniversary commemorative issue of the CSC Report, "For All Mankind."

## COMPUTER SCIENCES CORPORATION

Major offices and facilities throughout the world

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**CLUB DONATES TOYS**—The Redstone NCO Wives club donated \$2,000 worth of toys to the Christmas Charities over the weekend. The club resolved to spend the money after a fire that burned 95 per cent of the toys Christmas Charities had stored in a former school building. Mrs. John J. O'Shea, (right), wives club president, and Mrs. Alvin Welch, welfare chairman, delivered 400 dolls and 475 toy trucks at the Charities office over the weekend.

### Wives Set Fashion Show

The Redstone Officers Wives Club will hold a Fashion Show and luncheon next Tuesday at the Officers Open Mess. Sherry will be served at 1130 hours and luncheon at 1200 hours.

A fall fabric fashion show, sponsored by Jordan Fabrics will be presented. Models from the club will make their outfits from fabrics purchased at the shop.

Reservations should be made by noon, Friday from the following: Mrs. J.H. Wilauer, 837-0144 (A-E); Mrs. W.F. Hecker, 837-6918 (F-

### NCO Harvest Ball Scheduled Saturday

The Noncommissioned Officers Wives Club is sponsoring the annual Harvest Ball Saturday at the NCO Open Mess.

The annual event will be formal. Dancing will be to tunes played by Dean Hudson's Band.

Sandra Debus has been in charge of the ticket sales. Tickets can be obtained at the NCO Open Mess office.

L); Mrs. T.R. McLaughlin, 837-4975 (M-R); or Mrs. A.E. Gallick, 837-6031 (S-Z). For cancellations please call Mrs. R.L. Tilghman, 837-1770 by noon, Monday, October 8.

Sophie Hayes is chairman for decorations and Diana Ormond for publicity. The regular staff at the open mess will handle the punch and finger foods preparation. The Ball is one of several ways the Wives Club raises money to support its charitable and scholarship programs.

#### JAM SESSION

Music will be the theme at the Service Club on Sunday evening, with a Jam Session set to go at eight p.m.

Any enlisted personnel or Musical groups having talent are invited to participate in the program.

# Stockton's USED CAR CLEARANCE!

### 1973 Buick Riviera

Two to choose from. Equipped with power steering and brakes, factory air, vinyl roof, AM stereo tape player, chrome plated wheels, bucket seats. One has 4,000 miles and one has 6,000 miles. Your choice.

**\$5,299**

### 1972 Buick Riviera

Equipped with power steering and brakes, vinyl roof, AM/FM stereo, chrome plated wheels. Local 1 owner.

**\$3,999**

### 1972 Buick Electra

CUSTOM 2 door hardtop. Power and air. Vinyl top. Local 1 owner.

**\$3,999**

### 1972 Pontiac

GRANDVILLE four door hardtop. Equipped with power steering and brakes, factory air, vinyl top. Local 1 owner.

**\$3,299**

### 1973 Chevrolet

MONTE CARLO equipped with power, air, vinyl top. Two to select from. One with 2,000 miles and one with 6,000 miles. Your choice

**\$4,299**

### 1971 OLDS

TORONADO. Power and air, vinyl top. Local 1 owner.

**\$3,599**

### 1971 Buick

SKYLARK CUSTOM two door hardtop. Power, air and vinyl roof.

**\$2,599**

### 1972 Ford T-Bird

Fully equipped. Local 1 owner with 13,000 miles.

**\$3,999**

### 1971 Dodge

CHALLENGER. Power and air. Vinyl roof.

**\$2,599**

### 1972 Buick LeSabre

CUSTOM 2 door hardtop. Power steering and brakes, factory air and vinyl roof.

**\$3,899**

### 1967 Jeepster

CONVERTIBLE. Four wheel drive, automatic transmission. Extra nice. 38,000 miles.

**\$2,299**

# Stockton BUICK/OPEL

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OPEN MON.-FRI. TILL 9 P.M. & SAT. TILL 7 P.M.

## ATTENTION GOVERNMENT EMPLOYEES:

Please be informed that the new supplemental group life insurance is now available.

Are you aware that when you retire, or reach age 65, whichever is later, your present group life insurance government policy will drop to only 25 percent of its original value?

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(Employee Service Department)

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- Must be processed through official government payroll deduction (Form 1198)
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WANT AD RATES—\$2.50 minimum per weekly insertion, covering first 25 words. 5 cents per word for all over 25 words. Cash with copy, except where open account basis is previously established. 25c service charge added for credit. Mail copy with payment to Mrs. Vergie Robinson, P. O. Box 346, 905 Hillview Drive, Huntsville. Deadline is Friday noon, before Wednesday publication.

## 3. Miscellaneous

MASSAGES—Steam and Shower Baths, Thermophore, Heat Pak experienced graduate female masseuses. Phone 539-5511. ifc

INTERNATIONAL HEALTH CLUB Massages, Steam Baths, Assistant Trainee — Lisa. Call 536-9204. TFC

WANTED—REAL ESTATE SALES ASSOCIATES licensed or interested in obtaining license Reply in confidence to P.O. Box 3041, Huntsville, Ala. 35810. 10-10c

NEED ALTERATIONS on your Fall wardrobe? Call Birdie 837-6251-4317. Arington Court. 10-24c

## TYPEWRITERS

2000 assorted typewriters (entire contents of the House of Typewriters) ordered sold by stockholders. Example: Manuals \$35, IBM's \$100, Royal Electric \$75, Brand new Royal, still in box \$40, Brand new All Electric, still in box \$90 (2000 Bargains!) Open 9 a.m.-6 p.m. 6 days a week. For more information call 881-5510.

## RODEN'S FLOWERS

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## TV Rentals

RCA LATE MODELS—UHF-VHF \$1.00 a Day—\$5.00 a Week—\$13.50 a Month BANNER TV AND APPLIANCE CO., INC. 501 NW Memorial Pkwy. 3 Blocks South of The Mall SALES & SERVICE PHONE 539-3411 ● RCA, WHIRLPOOL APPLIANCES ● RCA VICTOR TV

## 5. REAL ESTATE

\$100 DOWN—You can move into a like new 3 bedroom home with no closing cost and payments as low as \$89. per mo. Including taxes and insurance. REDSTONE REALTY & FARMS, Phone 539-5800. ifc

LAND FOR SALE — Level, fertile, heavily wooded land on Bice Mountain near Maysville and New Market. Available in tracks of 5 to 40 acres. Priced \$500 per acre. Phone TY DORMAN 582-3654, Guntersville, or write Route 3, Box 517, Guntersville, Ala. 35976. 9-26c

### Christmas Shopping

Dallas — Patrons planning to join in that inevitable Christmas rush soon may want to pick up a free gift hint list from the post exchange.

Army and Air Force Exchange Service (AAFES) headquarters in Dallas reports handy pocket-size hint lists will be in most outlets to coincide with peak yuletide shopping promotions by late October.

## SHARP'S BARBER SHOP

Holiday Plaza Shopping Center Corner Bob Wallace & Patton Rd. Open 6 Days a Week 9 A.M. to 6 P.M. Saturdays 8 a.m. to 5:30

### ARE YOU INTERESTED IN TAX SHELTERS FROM 10% TO 100%?

CALL: KIT CARLTON Thomson, McKinnon, Auchincloss and Kohlmeyer, Inc. PHONE 539-2161



ALLEN C. METZGER INSURANCE VARIABLE INVESTMENT (By Appointment) 539-6849

## Local 1858 Meet Off For October

The regularly monthly meeting of members of Local 1858, American Federation of Government Employees will not be held during October.

The meeting would have been held on October 8, a federal holiday, and has been cancelled.

## Post Theatre

THURSDAY-FRIDAY

"5 Fingers of Death" (R) INCREASED ADMISSION: adults 75c, children 35c

FRIDAY (Late Show) "The Other" (PG) One showing at 11:00 p.m.

SATURDAY "A Fistful of Dynamite" (PG)

SUNDAY-MONDAY "Godspell" (G) INCREASED ADMISSION: adults 75c, children 35c

TUESDAY "Dirty Little Billy" (R)

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

## CHURCH BONDS

8½; 9% PER ANNUM Compounded Semi-Annual Issue: 1 Feb., 1973 539-0993 or 539-6849

### Carpool Info

## Share Rides

Ride or join carpool from Killen-Rogersville area to Bldg. 3421, hours 0800 to 1630, Carolotta Oswalt 876-3701 or 876-4678.

## AAFES Recalls Car Jack Stand

The Army and Air Force Exchange Service has announced it is now recalling a possibly hazardous automotive jack stand from its outlets.

Distributed by Globe Fabricated Products Corporation of Philadelphia, the jack stand has a listed 8,000 pound capacity and carries a model number of

JS-200.

In recalling the stand from sale, AAFES officials explained it had failed load capacity tests conducted by its quality assurance office.

Patrons who may have purchased that item can return it to any exchange for a refund.

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## MAKING A MOVE?

If you are looking for a home we have choice listings in all sections of town . . . If you are selling your home, we need your listing and will make every effort to give you a fast, efficient sale.



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## Baker Home of The Week:

### BEEN SHOPPING FOR A LOW EQUITY?

Then let us show you this lovely three bedroom home that has a different kitchen, large entrance foyer, living room, separate dining room, two baths, patio, some carpet, forced air, gas heat, located in one of the most convenient areas of Huntsville. You must see 2118 East Arbor Dr. before you buy.

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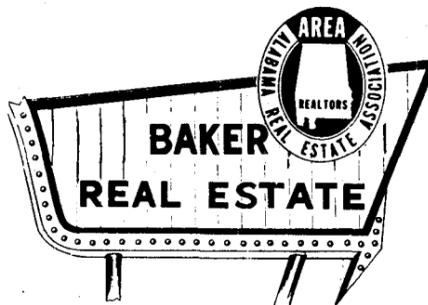
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## HALE BROTHERS

DOWNTOWN HUNTSVILLE

In Furniture City

# "Today's Army is a family of families."

Today's Army means many things to many people. Here's what the Wheelers and the Carnleys had to say about it.

"I like the shopping," said Mrs. Mary Wheeler.

"I couldn't believe the difference in prices, the first time I shopped in the commissary."

Mrs. Vanessa Carnley liked the medical benefits.

"I think the Army's facilities are excellent. I'm never worried about getting good care for me and my family."

Private First Class Harold Carnley liked the cost of Army medical care, as compared to civilian expenses. "Our baby only cost us \$7.50. I almost said, 'I'll take two.'"

"To me, it's more than the obvious benefits," said SP/4 George Wheeler, Jr.

"I feel that today's Army is a family of families. And I'm proud to be a member."

## Why are you staying in?

