

the ROCKET

Published in the interest of the personnel
at Redstone Arsenal, Alabama 35809

VOL. XXI; NO. 38
FEBRUARY 7, 1973

HELP!

" Some supervisors think they are doing a person a favor by concealing an alcohol abuse problem; . . . They are hurting the man or woman concerned — not helping" (Major General John Singlaub, Deputy Assistant Secretary of Defense, Drug and Alcohol Abuse)

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" . . . You Better Leave That Stuff Alone. . . "



The man talks freely. He hopes what he is saying will help others with similar problems. An Army civilian employee at Redstone, he is a craftsman with a drinking problem, the kind of drinking problem that finally led him to the conclusion that he had become an alcoholic. He turned to Alcoholics Anonymous for help and found it. This is the way he tells it:

"I had been drinking for five days and missed work three of those days without any leave.

"I got up one Wednesday morning after that drunk and I was sick and depressed. I had a pint of booze and a couple of cans of beer. I drank it. I felt so awful that I called my boss and told him I was going to the hospital.

"When I tried to call the hospital, I got mixed up. I was drunk. Finally my wife took me to Pineview Hospital. I told them I need to come in because of my nerves.

"I stayed 17 days. While I was there I was introduced to A.A. When I got out of the hospital, an A.A. member called me and asked me to attend a meeting. I started going to A.A. meetings on the

arsenal. Now I go to three or four meetings in various places every week.

"A.A. has shown me something different. I'm not depressed like I used to be. I'm more happy.

"I had been drinking bad since 1956. I wouldn't quit. Each time I got drunk and then got over it and felt better, I'd do it again. I was getting leave without pay. I was very depressed. I went through hell worrying.

"Of course my drinking created financial problems. That worried me too. So I'd drink again to get away from the problems and worry. It was a cycle. I kept repeating.

"It used to be I'd lie when I was trying to take sick leave. I'd say I had a cold or just anything. I had this and I had that.

"About four years ago I decided I needed help and called A.A. I went to one meeting. But I decided I didn't need A.A. I figured I wasn't an alcoholic. I just didn't know then what an alcoholic is.

"So many people don't know the
(Continued On Page 2)

" . . . Sometimes I'd Hear Music"

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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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.)
This column will not accept questions from individuals who refuse to give their name and return telephone number.

QUESTION: When will be fourth and fifth steps of Public Law 92-392 become effective?

ANSWER: Headquarters Department of the Army has received numerous inquiries in regard to lifting of wage controls and whether the nonsupervisory fourth step rate can be implemented. No action can be taken to implement fourth step rates or other wage adjustments unless specifically authorized by the Department of Defense Wage Fixing Authority and Headquarters, Department of the Army. Authorization has not been received.

QUESTION: What is alcoholism?

ANSWER: The Department of Defense recognizes that, from the medical point of view, alcoholism is an illness which is treatable, and, more importantly, preventable. As a chronic, relapsing, progressive illness, it is characterized by the loss of control over the drinking of alcoholic beverages to the point of interfering with personal relationships, the ability to work effectively, and the individual's health. From a legal point of view, however, it is not considered an illness for which compensation or disability payments can be received.

Letters From Rocket Readers

To the Editor:

There is probably no person in a federal job series who has not sometimes heard the people in his series maligned by the questioning of their intelligence.

Suspicions were confirmed about my co-workers in the mind of my child.

During my lunch hour walk a

fellow employee answered the phone. He offered to take a message. The child said, "Please ask my mother to call home."

The fellow employee said, "How do you spell it?" The name sounded like "HONE" to him.

The child patiently replied, "Home, H-O-M-E."

Barbara R. Bullock

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" . . . Sometimes I'd Hear Music"

(Continued From Page 1)

meaning of alcoholism. They think it's the guy on skid row. My definition of an alcoholic is a man with a conscience. It bothers him when he drinks and knows he shouldn't. An alcoholic is also a person who can't drink socially. He has to drink until he gets drunk. If there's a bottle, he can't leave anything in it. If you drink to get drunk, you're an alcoholic.

"Take me. I wanted to get in an isolated place and drink. I didn't want to drink at parties and be sociable. I liked a drinking companion, but no big crowd of people.

"I started drinking at an early age. My father drank. He said to me 'Boy, you better leave that stuff alone.' But I drank just a little at first and I could handle it. It kept getting a little worse.

When you're an alcoholic you keep going down hill. You don't turn and come up the hill.

"I used to get drunk and get me a bottle to have after I was sobering up. That was all that helped. I turned into the emergency room at the hospital a time or two because I felt so awful. I felt like I was going to die. Whiskey can kill people, especially if you get to the place where you're having D.T.'s. I never got that far, but sometimes I'd hear music after I laid down in bed.

"Until a man admits that drinking is a problem for him, he can't succeed in quitting. He can't help himself alone. A fellow who drinks can't think for himself. I believe that A.A. will help anyone if he wants to be helped."

Unfounded Fears

A Threat to Credibility

Ed McDermott is not a squealer so he's understandably concerned about stories to the contrary.

McDermott, personal problems counselor working in Redstone's program to aid alcoholics, has responsibility for the regular meetings of Alcoholics Anonymous held on the Arsenal.

Recently he's been hearing, particularly from military personnel, that individuals who could be helped by the program are staying out because they are afraid they will be identified to their superiors.

"The fears are groundless," McDermott says, adding: "I'm concerned because the credibility of the program is at stake. The words Alcoholics Anonymous' mean exactly what they say. I don't write down names during the meeting or afterward. I don't identify people I'm counselling or who attend A.A. meetings to their supervisors.

"Protecting the identity of individuals is one of the basic principles of A.A. It's also the primary reason for A.A.'s success in helping people with drinking problems."

There are two A.A. meetings scheduled each week on the Arsenal. One session runs from noon until 1 PM every Wednesday in Building 3151. Attendance averages about 16 men and women. Most are civilian employees.

An evening session began last week and will continue from 7 until 8 PM each Friday in Building 3214. The location — it's also the Rap Center which normally closes on Friday night — was chosen to make it more convenient for military personnel. Two individuals showed up for the first session. One was McDermott. He believes others will come once they realize their identities will be protected.

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Army's Missile Modernization Goes On

Raytheon Moves Onto RSA For Dragon Work

Raytheon Company is the newest Redstone tenant after accepting keys to five Army-owned buildings for use in the production of Dragon missiles for the Army.

Robert Whitley, Dragon Deputy Project Manager, turned over facilities to James T. Hiett, manager of the new Raytheon-Huntsville operation last week. The five buildings formerly were occupied by Rohm and Haas Company.

Raytheon produces Dragon missiles in its Bristol, Tennessee, plant, but final assembly of warhead and rocket motors and packaging for delivery to the Army, will be performed at Redstone. Delivery of missiles will start in February 1974.

Jerry Hudson, Raytheon is program manager, said the Redstone facility initially will build up to approximately 30 employees, most to be hired from the Huntsville area later this year. Hudson

said the Arsenal buildings will be refurbished to accommodate Dragon production and that Huntsville-area contractors will be solicited to perform the work, beginning early in April.

Dragon is the Army's new shoulder-fired tank killer that is far superior in range, accuracy and lethality to the 90mm recoilless rifle which it will replace.

Col. John M. Shea is the Army's Dragon Project Manager.

Once Raytheon qualifies as a second missile producer, the Missile Command plans a winner-take-all competition between McDonnell-Douglas Corporation, developer of the weapon system and current producer, and Raytheon with the majority of the Army's long term production requirement being awarded to the low bidder.

Raytheon missiles will be tested at Redstone.



NEW ROCKET

Technology Of The Seventies

The Missile Command has prototyped a light anti-tank weapon that weighs only eight pounds but could destroy tanks, knock out bunkers and field fortifications.

"We're doing unmanned firings now to demonstrate weapon accuracy and to evaluate factors that might affect a gunner such as noise and recoil." The new program evolved last year when the Army Materiel Command ordered a technology program between MICOM's rocket version and a recoilless rifle version by the Army Weapons Command.

Later this year, the new rocket will be demonstrated before top Army officials at Aberdeen Proving Ground in Maryland.

Describing the prototype now being tested at Redstone, Walker said it incorporates technology of the 70s.

The new rocket system is a direct fallout of the Short-range, Man-portable, Anti-tank Weapon Technology (SMAWT) program

conducted throughout the Army Materiel Command to establish an up-to-date Army technology base.

Bernie Cobb, project engineer for the new rocket said MICOM has conducted both static and dynamic tests to prove design feasibility and weapon worthiness. Tests were successful.

"We've demonstrated the feasibility of our approach and we've refined a component prototype," Cobb said.

"We're doing unmanned firings now to demonstrate weapon accuracy and to evaluate factors that might affect a gunner such as noise and recoil."

The new program evolved last year when the Army Materiel Command ordered a technology program between MICOM's rocket version and a recoilless rifle version by the Army Weapons Command.

"This program is unique since Army resources are being used almost exclusively to develop the new technology base," Walker said.

Although MICOM is spearheading development within its research and development laboratories, several AMC agencies and commands are participating in the program. They include:

Picatinny Arsenal, warhead; Frankford Arsenal, sight; Human Engineering Laboratories, mating man and equipment; Harry Diamond Laboratories, fuzing; Ballistic Research Laboratories, technical evaluation; Army Materials and Mechanics Research Center, materials, fabrication and analysis; Army Materiel Systems Analysis Agency, to conduct effectiveness studies on the weapon.

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One Or Two Locals? Up To AFGE Members

Members of Local 1858, American Federation of Government Employees, will cast ballots by mail on whether or not they desire to split the local with one representing Department of Defense employees in Huntsville and North Alabama and a second representing employees of the National Aeronautics and Space Administration.

The union planned to have ballots in the mail to all members not later than today. Individual members have been asked to mail their vote to the Local 1858 office not later than February 23.

Local 1858 announced last week that Clyde Webber, national AFGE president, has ordered the election to decide the issue of whether or not to separate the local. His action was in response to a petition signed by more than 400 members of Local 1858 who raised the issue in a petition to the national office.

Local 1858 was chartered here in 1958. During peak employment in the local federal agencies in the early 60's Local 1858 was among the largest in the national union. When the Marshall Space Flight Center of NASA was formed in 1960 with many former Army civilian employees, Local 1858 extended representation to employees of the new agency.

When it announced the election, Local 1858 said its membership "remains predominantly Department of Defense. Today, just over one fourth of the members are from NASA."

"Local 1858 has more than 4,000 members among the employees at Redstone. Under exclusive recognition agreements, however, it represents several thousand other federal employees who are in the various bargaining units," the Union said.

The local has members in the Army Missile Command, Marshall Space Center, Missile and Munitions Center and School, Safeguard System Command, Redstone Medical Department Activities, Defense Contracts Administration Services, the Federal Aviation Administration, post exchange, non appropriated fund activities, and the NASA Michoud and Mississippi Test facilities.



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WATCH FOR LEO SIGNS

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One of six nominees selected by the Secretary of the Army to enter the government-wide competition for the Thirteenth Annual Federal Woman's Award is a Missile Command employee.

Shelba Brown, a research chemist for the Research, Development, Engineering and Missile Systems Laboratory, holds the honor.

The award provides special recognition to women whose achievements have an important effect on a major government program.

Mrs. Brown began work in research of cholesteric liquid crystals, a material which contains some properties of both liquids and solids, seven years ago.

The crystals are sensitive to and register changes in temperature, mechanical stress, electromagnetic radiation and chemical environment. When activated by changes in one of these environments, the crystals change color.

Mrs. Brown has been involved in perfecting a technique, using fins and wings from Army rockets and missiles, to detect structural flaws in the makeup of those structures.

Used in a film form, the crystals test whether a structure is properly bonded. "If part of the structure has corroded or water has gotten inside the area," she said, "the air or water will expand in flight causing disintegration of the structure."

The technique involves non-



SHELBA BROWN

destructive testing of various structures by placing a film of liquid crystals over the structure, then heating the film through the liquid crystal range. Any flaws will appear as different in color from the rest of the structure showing on the film. The film is sensitive to

color changes within one three-hundredth degree shift in temperature.

Mrs. Brown's work is also receiving enthusiastic attention from private industry. Recently, she provided the blend of liquid crystals used by a pharmaceutical company for using adhesively backed discs as thermometers. These discs, placed on the abdomens of nursery babies, monitor their temperatures by changing colors.

"Other possibilities of liquid crystals" she says, "include television tubes, paper thin, hung on the wall like a picture; digital readout auto dashboards without light bulbs; plastic strip thermometers and pollution detectors; displays for data processing and business machines; advertising displays, even billboards."

"The recognition of the Department of the Army gives me new incentive to make liquid crystals serve well in areas yet unexplored by scientists," she said.

Mohling Rites

Funeral services for Margaret Francis Mohling, 47, were held last Thursday at the Laughlin Funeral Chapel. Burial followed in Maple Hill Cemetery.

Mrs. Mohling died the previous day in Birmingham where she had been hospitalized several weeks for treatment of cancer.

During the past 13 years she was personal secretary to five commanding generals of the Missile Command and its predecessor organizations.

A native of Hartselle, she graduated from Hartselle High School and the University of Alabama with a Bachelor of Science degree in Business Administration.

She was employed by the Huntsville Arsenal in 1948 and transferred to Redstone the following year.

Prior to progressing to the top secretarial position at Redstone she served a succession of key officials in jobs having increased responsibility.

Mrs. Mohling received a medical retirement last December following an illness of more than a year.

She is survived by her husband, Charlie J. Mohling, an engineer with the Safeguard System Command; her parents, Mr. and Mrs. S. S. Francis, Hartselle; and a sister, Mary P. Hoots.

Outlines Host Family Program

The monthly meeting of the International Women's Club was held last week in the Westbury Apartments Club Room. Capt. William L. Trimble, Jr., Chief, Foreign Liaison Division, was guest speaker.

Trimble told the more than 50 ladies present how they could become a host family to the foreign

students attending the Missile and Munitions Center and School.

At the conclusion of the meeting he answered individual questions on the operations of the host family program.

A buffet lunch featuring foreign dishes was served after the meeting. The tables and service were decorated in a Valentine motif.

BABS'

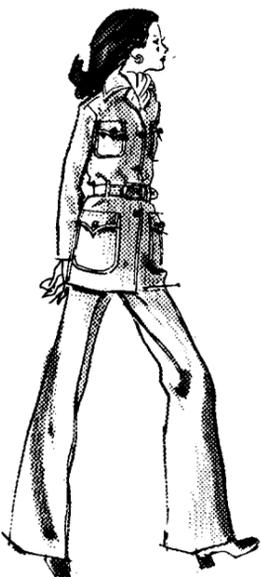
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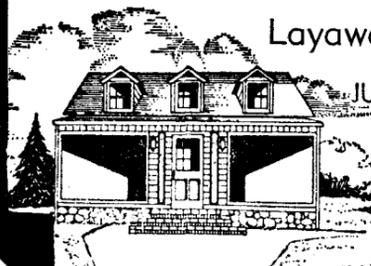
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Field Training Provides The Real Test

Most training at the Missile and Munitions Center and School takes place in the classroom. It is here that thousands of American and allied soldiers acquire technical skills and knowledge which they will carry to future assignments throughout the world. Emphasis at MMCS is placed on "hands on" involvement with missile and ammunition hardware.

But there is no substitute for actual field experience and one way to measure the learning progress of students is through the Army Training Test (ATT), which was recently given to the 22nd Ordnance Detachment of Unit Training Command.

During the ATT, a unit operates under combat conditions. In the case of the 22nd Ordnance, the test was administered through the Office of Doctrine Development, Literature and Plans by Captain Robert L. Cordova, Chief of the Inspection and Surety Branch.

Cordova held a briefing one week before the test to lay down ground rules and to introduce his seven-man umpire crew. Rules of the test were straight forward—all personnel and equipment would be graded. tags would be used, and there was to be no body contact between aggressor personnel and those being tested.

Realism Stressed

Cordova indicated that realism would be stressed, but not at the expense of safety. He said his umpires would judge the 22nd as a unit and would be looking for resourcefulness, initiative, and enthusiasm, as well as the expected technical proficiency.

Cordova said the ATT serves three purposes: to measure a unit's performance, to offer practical training experience, and to cross-check current UTC training procedures by pointing out possible weak spots in current training.

The 22nd Ordnance Detachment, commanded by Captain Roderick Ruthven, began the test on a Tuesday morning with the close inspection of all equipment. The unit was moved out that afternoon. An advance party of two vehicles preceded the main group of ten vehicles by 45 minutes. Twenty-seven men took part in the test of the Vulcan direct support detachment.

Once arriving at the test site, the unit began setting up. Men were assigned to guard the perimeter against an enemy described as a small, guerilla-type unit. Other men worked to set up the Vulcan maintenance shop section, radio lines, and individual shelters.

Enemy troops began attacking the perimeter, creating confusion and inflicting some casualties, before being forced to retreat.

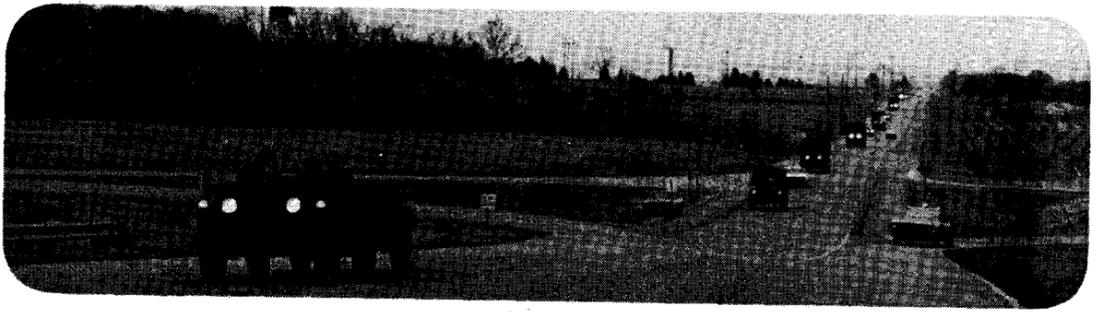
The rest of the two-day testing including a technical phase made up of written tests and a tactical phase in which the unit reacted to jobs and situations given them involving Vulcan maintenance.

After enduring a rainstorm Tuesday night and

taking tests all Wednesday, the 22nd Ordnance got good news that the test would end that night. The men headed home to await the results of the test.

The umpires finished their grading reports and

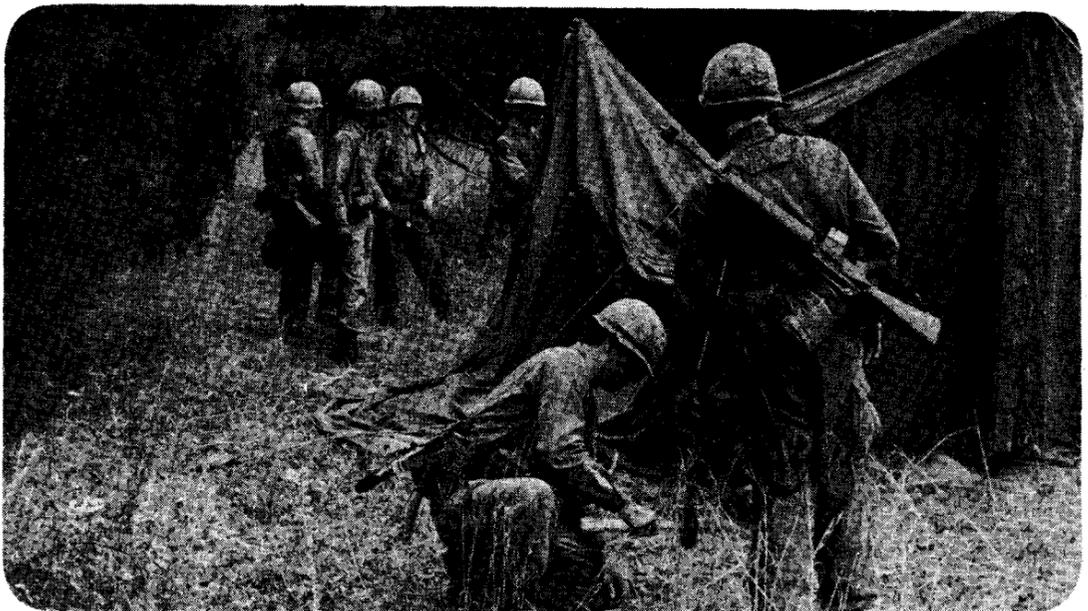
evaluation within a week. They rated the 22nd Ordnance Detachment highly on both the tactical and technical phases of the test, pronouncing the unit ready for future field assignments.



The 22nd Ordnance Detachment moves out to their assignment in the field.



Sergeant First Class Jack Byrd, one of the seven-man umpiring crew, inspects brake lights on an equipment van. Equipment readiness counted heavily in grading the 22nd Ordnance.



After setting up Vulcan support equipment, the men of the 22nd turned to personal needs by constructing their shelters. The unit survived a torrential rainstorm during their night in the field.



CORDOVA



RUTHVEN

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European Handball— Rough, Tough, Fast

By DAVE COWAN

Can you play basketball, volleyball and football at the same time? An unfair question, of course. Nevertheless, Redstone Arsenal is trying to introduce a new sport which encompasses the skills of all three.

It's called European handball and its popularity is spreading. General William C. Westmoreland, former Army Chief of Staff, requested Army installations to add this new game to their already comprehensive athletic programs in December 1970.



BURKE

The sport is rough, tough, and fast-moving with lots of action. You have to see it to believe it, and you have to be an avid sports enthusiast with plenty of guts to play it.

By the way, you do not bounce the ball off a wall.

Team handball, a relatively new sport in the United States, was introduced to the 1972 Olympics in Munich.

How hard is it to play? Staff Sergeant Floyd Burke, special service recreation supervisor at Redstone, having participated in several clinics on the game says, "If you can play basketball, you can play this sport with a little training."

Burke says he hopes he can have a team ready by the end of the basketball season so Redstone may compete against other Army installations. Hopefully, he said, a regular league can be scheduled as part of the intramural sports program or the Youth Sports Program (YSP) at a later date.

Other than that, few people here currently understand the game's intricacies. To prepare for the team handball's debut, Burke has scheduled a special clinic Feb. 7-10, starting at 6 p.m. at the post gym.

Fletcher Abram, representing the Army and a member of Field Support at Fort McClellan, Ala., will host the clinic. The 21-year-old Mississippi athlete will explain and demonstrate rules, fundamentals, coach and referee chores. Anyone is invited to attend the clinic.

Abram was a member of the U. S. Olympic handball team. As the youngest member of the U. S. team at Munich, he didn't see too much action, but when he did play (five minutes of the last half of one game), Abram scored the winning goal against Spain that gave the Olympic handball team their first and only win in competition.

Each team is made up of seven players, including one goalie defending an open net 6'6" high and 10 feet wide—similar to one used in soccer.

Two outside men, "shooters," normally do the scoring, while two "cornermen" set up the plays. The cornermen are usually fast, small men with a fine ball control.

Rounding out the team are two "wingmen." These players attempt to draw the opponent's defense out so a scoring play can be set up by the cornermen.

Like in basketball, any team handball player may dribble the ball as long as he moves. When a player stops, he is allowed three steps and three seconds to release the ball. If not, the opponent gains possession. To score, you must shoot from at least 20 feet out using your hands or head. You cannot kick the ball.

Body contact is legal, unless you use your elbows or hands or deliberately hit someone who is attempting to score. There are no protests in handball—no player is allowed to question any calls.

If a player does, he is penalized usually for two minutes, and his team must play one man short while he sits out the penalty. Like in hockey, a second protest by the same man could warrant a five minute penalty, while a third jaw-session could call for dismissal from the game. If a man is ejected from the game, his team must play one man short for the balance of the game.

Penalties for personal fouls are at the referees discretion.

So, don't be surprised if you see two teams playing an entirely new game that looks like a variety of every team sport known to man—it's European team handball.

MPs, A Company Roll

The powerful MPs and Company A continued to pace the American and National divisions in the RSA Men's Basketball League last week as the season approached the three-quarter mark.

While the Meddacs and UTC remained close to the cops in the American division and 6th ETC is only one game behind Company A in the National division, a new contender has sparked the enthusiasm of the crowds.

It's the National division's former cellar-swellers, 9th ETC. After losing their first five games, the students upset formerly undefeated 6th ETC on their way to six consecutive wins.

Monday

4th ETC defeated hapless SSG, 54-33, while MICOM beat 1st ETC in a hotly-contested game, 67-58. Haynes, scoring 18 points, paced 4th ETC to their first win of the season over SSG. Sinclair and Freeman had 12 and 11 for SSG.

The Missilemen took over fourth spot in the league with their win over 1st ETC. Terrell sparked MICOM with 21. Eugene Vasse had 16, Arthur Perrin and Swain had 13 points each. In a losing effort, Brian McMahon banged 35 biggies through the loops for 1st ETC.

Tuesday

In National league action Company A nipped 3rd ETC 57-55, 9th ETC beat Company B, 47-40, and 6th ETC whipped 7th ETC, 88-55.

Company A's permanent party had to fight off a bunch of student protesters from 3rd ETC for their seventh straight victory. John Thorton led the A's with 15, while Marvin Williams and Charles Reese followed with 12 each. The students were paced by Burns with 16 and Dan Wyrick with 15.

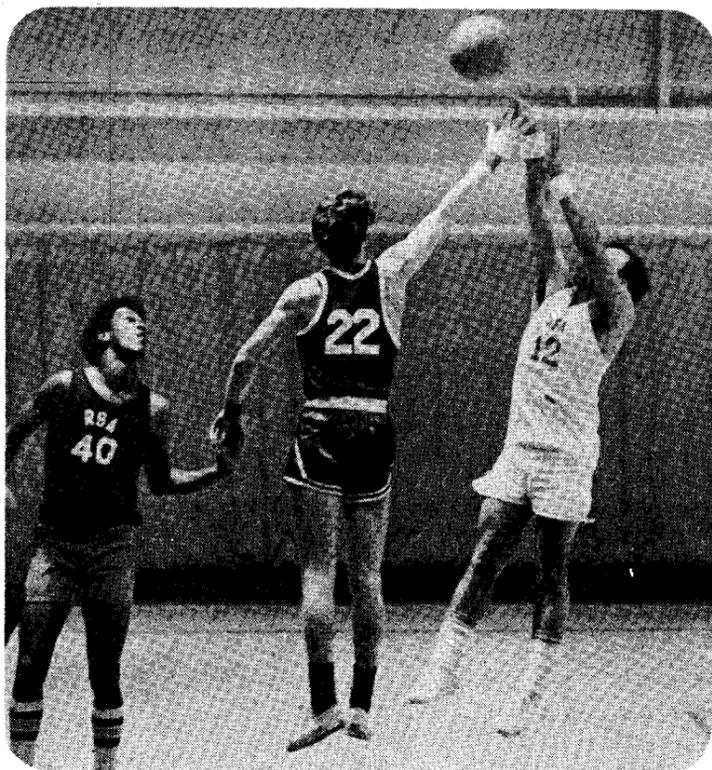
Unit Level Basketball

American League

	W	L
MPs	9	1
Meddacs	8	2
UTC	7	2
MICOM	7	4
1st ETC	6	4
SSG	2	9
Safeguard	1	9
4th ETC	1	10

National League

Co A	10	1
6th ETC	9	2
9th ETC	6	5
HHC	5	6
3rd ETC	4	7
Co B	4	8
7th ETC	1	10



HAND-TO-HAND ACTION—While Darell Ogle (No. 22) of Company B tries to handle Charles Reese of Company A, he get a hand from teammate Lew Rahman. It was in vain, though. Reese scored handily, contributing to A's handsome 67-45 victory.

The 9th ETC took over third spot in the league with their sixth straight win over hapless Company B. Curtis Dunbar led the students with 14, while David Winston added 12. Clinton Jones had 10 for the losers.

The students from the 6th remained one game behind Company A with their win over last place 7th ETC. For the winners, Burnham had 24, Scutt 16, Singer 14 and Carlson 10. John Robichaux and Donelson had 19 and 18 for the cellar team.

Wednesday

Action switched to the American division on Wednesday with the Meddacs upending Safeguard, 45-43, MICOM blasting SSG, 95-57, and the MPs taking 4th ETC, 64-51.

Safeguard almost found the winning road against the Meddacs, but couldn't hold off the determined pillpushers.

Al Black and Bob Evans led the Meddacs with 12 points each, while Ron Castine and Frank Hubbard contributed 16 and 13 for the losers.

A brilliant dual performance by Arthur Perrin and Eugene Vasser was all MICOM needed with their win over SSG. Perrin and Vasser baffled SSG with 36 and 34 points

during the game. Nathan Manning and Wain Scott had 24 and 15 for the losers.

Richard Heintskill collected 17 points as the cops mauled 4th ETC in the finale. Also scoring for the MPs were Bob Shea and David White with 13 and 10, respectively. Branblett and Macardo led 4th ETC with 12 and 11.

Thursday

The week's basketball action ended last Thursday in the National division with the 6th ETC posting a 62-41 win over 3rd ETC, while Company B received a forfeit-win from 7th ETC and Company A nipped Brigade, 55-54, in a thriller.

Hot handed Scutt sank 29 points in 6th ETC's victory over the 3rd. Following the sharp shooting of Scutt were Singer and Carlson with 13 and 10. Burns and Dan Wyrick had 18 and 11 for the losers.

School Brigade tried to play the "spoiler's role", but fell one-point short in their bid over Company A. A's Charlie Miller sank 27, with Marvin Williams adding 16. For HHC, John Yacono banged out 17, followed closely by Cleo Paris with 14 and Green with 11.

Last Minute Surge Boosts P&P Over CSD

Last Wednesday's games in the Civilian Welfare basketball league saw three teams race to easy wins and another struggle to win in overtime.

In the overtime game P & P edged CSD 56-54 behind the 16 point scoring of Mose Hall. CSD led almost all of the way in the second half only to blow a four-point lead with less than a minute left in regulation time. Miles Springfield paced CSD with 14 points.

In other games, Saflog No. 1 fell to DOI 67-38 despite Larry Couch's game high 22 points. Drake with 19 and Butler with 16 paced DOI.

MIA trounced Saflog No. 2, 59-37. Williams tossed in 20 and Pilliteri contributed 19 for the winners. Dobbs led all scorers with 23 for Saflog No. 2.

PIO bounced the Interns 79-59 with John Reppert pouring in 24 points. Amparan's 18 and Worrell's 16 paced the hapless Interns.

Friday's games showed no surprises as all the favorites were victorious.

The Corps of Engineers remained unbeaten as they put away the Interns 69-47. Jerry

Mullinax led all scorers with 21 followed by Claude Steele with 17. Worrell with 16 and Amparan with 15 led the Interns.

RASA shaded DOI 53-47 as Stuart Stout put in a game high 27 points. Foster led DOI with 10.

MIA won its second straight by

beating Metrology 58-48. Pilliteri led the winners with 27 points. Beale paced the Calibrators with 21.

CSD hammered RD & E 77-53. Stanford of CSD and Moore of RD & E shared scoring honors with 28 apiece.

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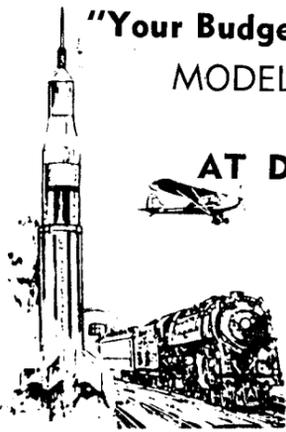
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Thursday Officers

The Alley-Oops lengthened their long-standing lead among Thursday night bowlers by shooting down the Bullets last week, and the Bacchanals frolicked into second place by debauching the Chefs.

The Chefs, now in third place, are closely pressed by the winning Loggers, clean sweepers of the Marines.

The Alley-Oops' top scorer was Steve Torok with a 200. The Loggers were led by Coffman, top bowler for the week with a 551 series.

Frank Hertzog of Liahog launched a 524 series, leading his team into their clean sweep over Wild Balle. Davis added to the Liahog margin with 517. Bregard of the Wild Balle rolled a 515, but was unable to prevent the whitewash.

S & M League

Roger Canfield passed the 600 barrier for the third time this season and Johnny Helland came within a single stick of Honor Roll status but a pair of Arndts stole the show in S&M League action last week.

Mike and Greg Arndt put together handicapped totals of 632 and 611 in boosting the Misfits to a clean sweep win over Lot-o-Pins

and into a solid four point bulge at the top of the standings.

Helland cranked out his 599 count that added up to 647 with handicap in the Lot-o-Pins attack but it was not enough to stave off a shutout for the first half winners.

Canfield put together a 617 scratch series and totaled 665 in guiding the Fugitives to a shutout of MIA. Just a week ago the MIA outfit had rolled a 1082 game in posting the greatest team pinfall of the season with a 3106 total.

Bale's Rentals were only able to take a single point in combat with Reba's, but that was enough to dissolve the second place tie with the Pins.

The final match on the weekly card saw the luckless Rinky Dinks drop another 3-1 nod despite the two top individual scorers in their duel with Parkway Lanes. Bob Brand shot for 554 and Floyd Clark dropped 549 more maples but the Lanes won a trio behind the 531 lead of Jerry Cutcher.

Friday Nite

The Don't No's continue to dominate Friday night action though they took only one point last week. Unfortunately, the Munchers were unable to capitalize on the Don't No's misfortune, dumping three themselves.

But the Red Barons and Tee

Totalers, each taking four points last week, are closing the gap. They now tie for third place, 10 games out.

Harry Evans of the Roadrunners led the league with his 567 series and 203 game, and Doris (Grab Grass) McAdams rolled 565, with a 235 in her series.

The Um's had a pretty good night, with Les Polyard tallying 211 and a 552 series. Brother Glen, who bowls for the Handy Capps, tallied a 530. Other high rollers last week included Ethel Smith, 547; Jean Fortner, 543 and Warren Homer, 531.

The ranks of the Friday night bowlers continue to be thinned by attrition and reassignments, and they need more keggers to keep the teams full. Enlisted personnel and spouses interested in bowling Fridays are invited to contact the league secretary at 539-6757.

AMC League

Fred Helmer and John Goltz stirred up a double barrel attack and their three Bandit mates completed the job that left the T-Birds wondering just what happened to a once-promising AMC League season.

After leading the league through most of the first half of the league schedule the Birds fell on hard times about a month ago and haven't been able to right themselves since.

The Bandits added to the Bird agonies last Wednesday with a four-for-four sweep as Helmer led off with a rousing 614 and Goltz

anchored the attack with 561. In between Marlain Davis, Bob Davidson and Neil Donaldson made sure there was no slip.

The sweep boosted the Bandits into a half point lead over the Sprinters and dropped the Birds seven points off the pace.

The Sprints get a chance to regain the lead tonite in their position nite duel with the Bandits. The Tigers grabbed a point and a half from the Sprinters last week to force the switch.

The Cobras launched another two-gun attack for a 3-1 win over the Alley Cats to stay a single point away from the lead. Billy Davis winged 561 sticks and Joe Hyatt downed 540 more as the Cobras overcame Reggie McLaney's strong 593 effort for the Cats.

Sheraton won three of four from the Bombers, the All-Sports did the same in battle with Hughes TOW, the Fat Cats got a 539 from Harry Yager in copping a trio from the What Ifs and the Lancers broke even with the Spartans to complete the weekly card.

Wednesday Officers

The Loggers of the Wednesday night officers league lived up to their name last week, taking two games and total pins to fell the Strikeouts and move into third place.

The Lucky Strikes, meanwhile, did the same to the first-place Wheezers and grabbed second.

Though the Blackjacks remain number four in the league, they

distinguished themselves with new league records for high team game with a 914 scratch.

John Rega led the Blackjack charge with a 240 game and 536 series, supported by a 530 series by Bob Coltrane and a 527 by Rudy Hoffman.

Paul (Prunes) Janecek was top bowler for the week, but his 592 series only helped the Prunes grab one game from the Metrocals. A 532 by Clyde Young and a 508 by Paul Brooks spurred the Lucky Strikes over the Wheezers.

Jim Ivy led the Swingers with a 567, Carlton Lowery was top man for the Users with 542, Bill Sevey led a powerful Growler triumvirate with his 539 and Jay Vick was top Hardhat with a 538.

Tour Takes In Nashville Sites

The Service Club has a special treat on tap for Arsenal enlisted personnel and their families Saturday, with a trip to Music City U. S. A., in Nashville.

The tour will take in the Music Hall of Fame, the Grand Old Opry and the Famed Museum of Art.

Interested Personnel must sign up at the Service Club by Friday. The tour bus leaves the Club at 9 a.m. promptly and returns at approximately 6:30 P. M. A picnic lunch will be served to all who sign up for the trip.

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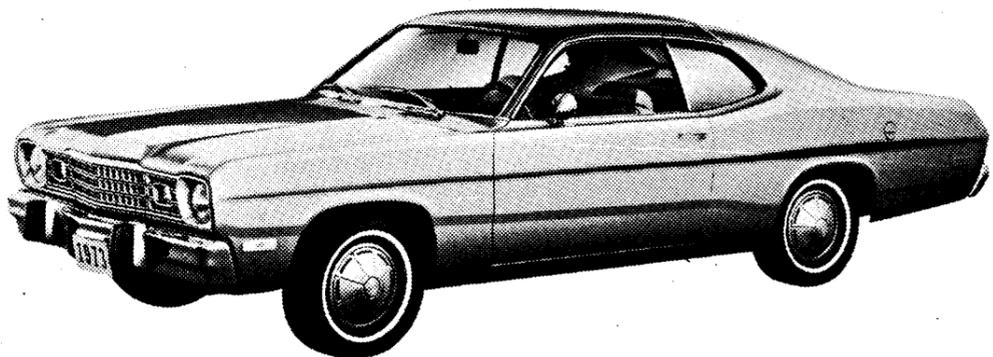
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RIF: First Round Competition Prescribed By Manual

(Editor's Note: Competitive levels will be of importance to many Rocket readers in upcoming months. The following information on competitive level, as extracted from Chapter 351 of the Federal Personnel Manual, is reproduced for your information.)

COMPETITIVE LEVEL

a. General principles. Another essential step in the plan for reduction in force is to determine for each competitive area the types of jobs in which employees will compete with each other for retention in the first-round competition.

These are the jobs so similar in all important respects that the agency readily can move an employee from one to another without significant training and without unduly interrupting the work program. These jobs constitute the competitive level for first-round competition.

A level may consist of only one job when that job is so nearly unique that it is not interchangeable with similar jobs. Characteristics shared by all positions in a competitive level are similarity of duties, responsibilities, pay schedule, and terms of appointment; and similarity of requirements for experience, training, skills, and aptitudes.

Some of these characteristics are easily determined; sound determination on others may require careful judgement. Questions that may require study are:

- (1) Do the positions require the same basic experience and training?
- (2) Do the positions require the same skills and aptitudes?
- (3) How long would it take an employee with experience in one position to reach a level of satisfactory performance in another?
- (4) How much time can be allowed for meeting satisfactory

PAGE 8

performance standards without causing serious harm to the organization's work program?

ESTABLISHING LEVELS

(1) Job requirements. When sub-paragraphs a(1) and (2) are answered yes, there is no arbitrary or predetermined amount of training beyond which undue interruption of the work program would result. Each judgement should anticipate the effect on the program under the circumstances that will exist when reduction in force occurs.

When an agency considers the effect of qualifications on the composition of a competitive level, its concern is not with the incumbent's qualifications, but with those required by the job's duties and responsibilities as stated in the official job description.

For example, the agency readily might move a GS-3 typist trained in shorthand to a GS-3 stenographer position. Typist qualifications, however, are not stenographer qualifications, so GS-3 typist positions and GS-3 stenographer positions are in different competitive levels.

For another example, some of the duties assigned to an employee in a trainee position or a position in a formally designated developmental program may be similar if not completely identical to those assigned to employees in regular positions. Nevertheless, trained positions or developmental positions are in different competitive levels from regular positions because the qualifications required for assignment to them are different. Positions are in the same competitive level only when they require substantially the same knowledge, technique, and know how, to get the work done satisfactorily. Therefore, the laws, orders, rules, regulations, policies, or

procedures the employee applies in carrying out the duties of the position must be considered. Among competitive positions different competitive levels are indicated for positions with different examination requirements or with selective certification requirements.

Positions, however, are not placed necessarily in the same level because they are filled from the same examination without selective certification. Separate levels may be indicated because the knowledge, technique, and knowhow acquired on the job may be distinctive enough to keep the agency from readily moving employees from one job to another.

JOB TITLES

Similarity of job titles is not conclusive in determining the composition of competitive levels. Sometimes employees with the same generic job title and similar statements of duties and responsibilities cannot be moved readily to each other's jobs because they are in different specialized fields. It is proper to establish separate levels according to specialized fields for those fields that have significant recruiting or training differences. For example, under the title Materials Engineer, the jobs Materials Engineer (Plastics) and Materials Engineer (Metals) are not interchangeable. Likewise, under the title Electrician, the jobs Electrician (Elevator) and Electrician (House Wiring) are not interchangeable.

SEX

An agency may not assign positions to competitive levels on the basis of sex of the incumbents, except in those positions for which restriction or certification of eligibles by sex is found justified by the Commission.

RECORDS

An agency must keep a record of all competitive levels in a competitive area. Every position in the area must be assigned to a competitive level, and the record must show clearly all positions in each level. The record should be reviewed and, when needed,

brought up to date when reduction in force is expected. The record and the dates of changes in levels must be available for inspection by the Commission and by employees.

SEPARATE COMPETITIVE LEVELS REQUIRED

Positions that seem so similar that they otherwise might seem interchangeable and thus be in the same level must be in different levels when the positions vary by one important factor. An agency has no discretion in establishing levels in this situation.

Competitive positions and excepted positions must be in different levels. (The term excepted positions is defined as jobs for which the Civil Service Commission does not conduct open, competitive examinations.) Excepted positions must be in different levels. Among either excepted or competitive positions an agency must establish different levels for positions. (1) under different pay schedules, (2) filled on a seasonal basis, (3) filled on a part-time basis, (4) filled on an intermittent basis.

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This Week's Schedule

WEDNESDAY, February 7
"Willard" (PG)

THURSDAY-FRIDAY, February 8-9
"Valdez is Coming" (PG)

FRIDAY, February 9, (Late Show)
"Alex in Wonderland" (R)
Showing at 11:00 p.m.

SATURDAY, February 10
"Treasure Island" (G)
Showings at 2:00 and 6:00 p.m.

(A special 2 p.m., matinee will be held for a showing of "Treasure Island")

SATURDAY, February 10
"Pete 'n' Tillie" (PG)
One showing at 8:30 p.m.
INCREASED ADMISSION: adults \$1.00, children 50c

SUNDAY-MONDAY, February 11-12
"Pete 'n' Tillie" (PG)
INCREASED ADMISSION: adults \$1.00, children 50c

TUESDAY, February 13
"Thumb Tripping" (R)

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

National Children's Dental Health Week, an annual event almost a quarter of a century old, is underway this week, and the Redstone dental service is participating in several ways.

A film, lecture and group discussion will be presented to large groups of grade school students in cooperation with the Huntsville-Madison County dental society.

Plans are also being made for a return to Madison Pike and Ridgecrest schools in the near future and semi-annual fluoride applications will again be offered to all enrolled children. A makeup session will be provided in order to accommodate all those not served at that time.



PROUD EAGLE—John Talerico, Jr. pins the Eagle Scout lapel emblem on his mother's dress during Court of Honor ceremonies at the Post Chapel. Talerico is the newest Eagle Scout in Troop 308. His dad is Sergeant First Class John Talerico, assistant scout master for the troop.

Creative Rock Group Entertains On Sunday

The Rocket Service Club has one of the hottest rock groups around on its schedule for Sunday when "THE GENERATION GAP", entertains in the Big Lounge starting at eight.

The Knoxville, Tenn. group consists of: Wilma Thress on bass guitar and vocalist, Mitzi Thress, age 9, on organ and vocalist, Mike Thress, age 11, on drums, and Jeff Thress, age 13, on lead guitar. They have been together almost a year and a half and have played on many major College Campuses in the Southeast.

The group is very interested in creation of some original material and are planning to do some studio work shortly. Their song list is extremely varied including songs from many top recording groups.

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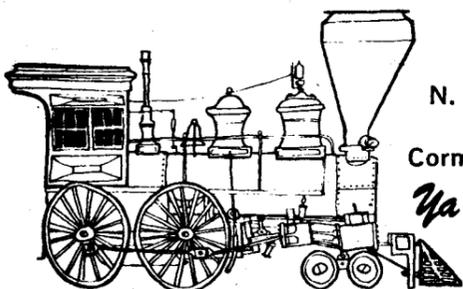
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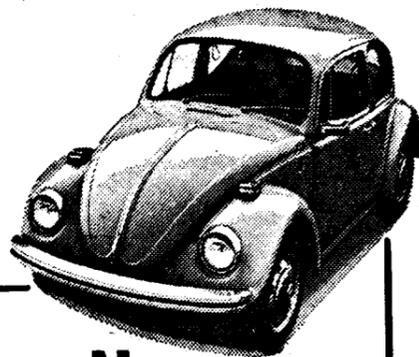
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How does a soldier in a modern Army spend his Saturday mornings?

Specialist Five Laverne Spearman spent a recent Saturday morning on the air. He was a guest interviewed on WEUP radio in Huntsville on a half-hour program about the "Triangle of the Black Soldier." WEUP broadcasts the program as a public service, to focus on urban problems and possible solutions to those problems.

The program, moderated by WEUP personalities John Barrett Townsend III, Robert E. Bowser and Sheryl Snodgrass, addressed an assortment of topics relating to the black man in a green uniform.

"They interviewed three of us," said Spearman, a Pershing missile maintenance specialist at the Missile and Munitions Center and School.

Spearman, originally from Newburg, N.Y., has been in the Army since 1968, spent a tour of duty in Germany prior to coming to Redstone.

The other guests on the program were William Steed and Roy Hammonds, both of Huntsville.

Steed says he plans to enter the Navy in the immediate future, and represented the point of view of the young man looking

at the military as a future career. Hammonds presented the point of view of the long-term soldier who's completing his first year as a civilian.

"We spoke briefly in response to a number of questions, ranging from the all-volunteer Army and race relations to drug abuse and the cease-fire that was to go in effect that evening," said Spearman.

Though the opinions he expressed were his own, Spearman says, the time allowed for each question let each respondent just skim the surface.

"But I was able to convey an idea of the situation here at MMCS, and I think it's pretty good. I haven't had any problems since I've been stationed here."

Spearman, who directly volunteered to be a local recruiter for the Army in Huntsville, may not be a typical soldier.

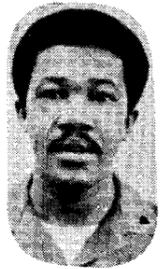
Skilled in a highly technical field, Spearman says he enjoys being stationed at MMCS, and his voluntary attempt to get into the Huntsville community to tell the Army story may reflect his faith in the city and MMCS.

Specialist Spearman and other soldiers like him may be some of the best sources of information about a modern Army — they're satisfied "customers."

Gold RUSH Night

Gold Rush Night is being planned by the Officers Wives Club for Apr. 7 at the Officers Open Mess.

Tickets will go on sale Mar. 13.



SPEARMAN



EARNs AWARD—Lt. Col. Melvin H. Sweat has won the Meritorious Service Medal at the Missile Command. Major General Edwin I. Donley presented the award recently. Sweat was cited for outstanding service as Chief of the Morale and Welfare Division, RASA.

THE N. C. O. A.

(Non-Commissioned Officer's Association)

GENERAL MEMBERSHIP BUSINESS MEETING AND SOCIAL FEBRUARY 10th, 1973

Bring your wives, enjoy pizza and beer, games and dancing after Business Meeting. Dress casual.

Meeting will begin at 1900 hours in Activities Building No. S3615, located on Gray and Vincent on Redstone Arsenal.

FOR FURTHER INFORMATION

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Sergeant Roy Price has put a lot into his Army career. And he's gotten a lot out of it.

"Maybe it's just me. Maybe I'm lucky. But the more I find out about the Army—what it has to offer, what you can do—the more I'm convinced that staying in was the best move I could make.

"Take college. I've got two years of it already, most of it paid for by the Army. And since I'm reenlisting, I'll be able to finish the other two. When I graduate I'll even have the option of applying for OCS and that'll give me the chance to start serving as an officer.

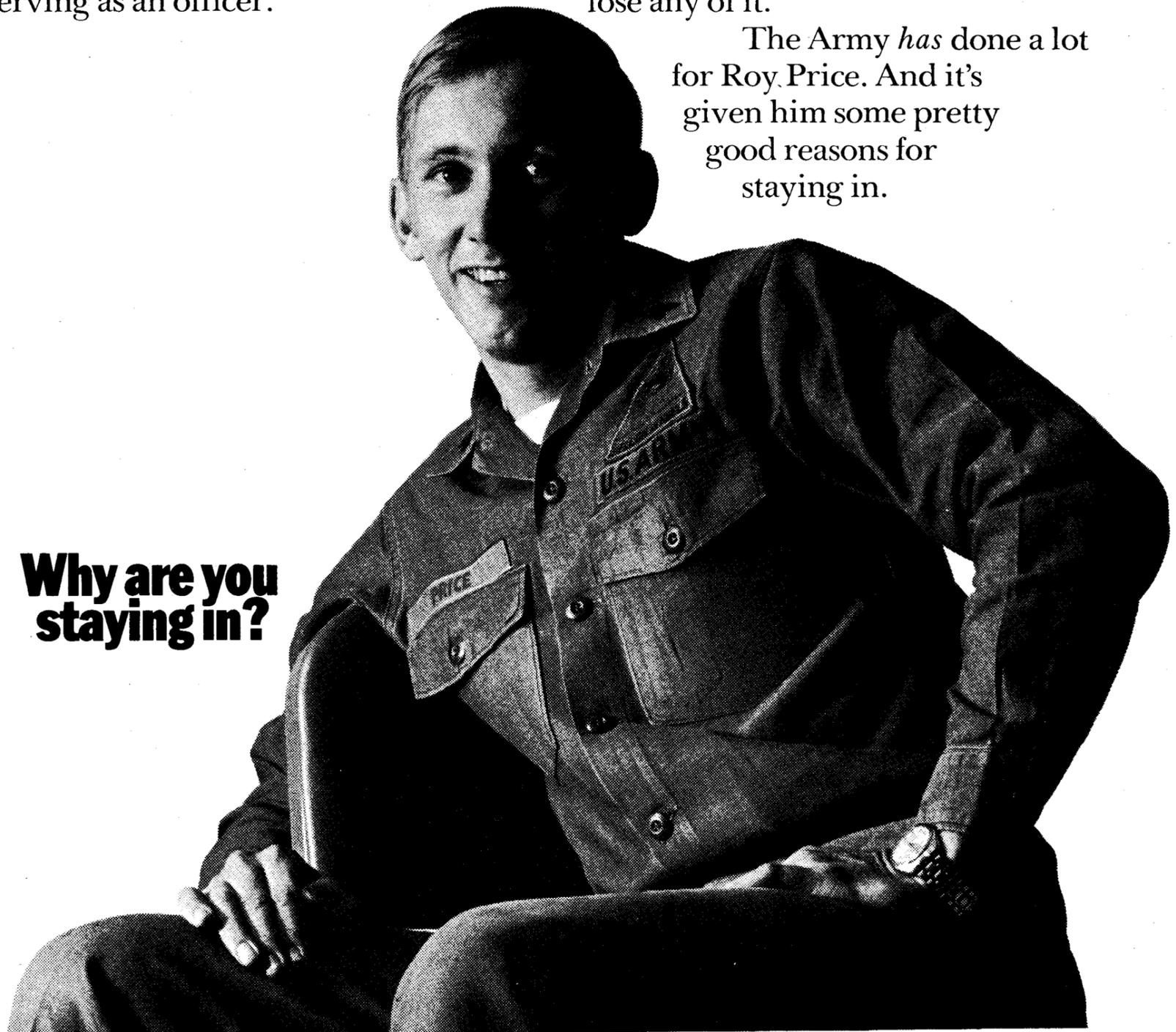
"The Army tries to help you out in any way they can, from what I can figure. When I finished my tour in Vietnam I asked to be stationed at Ft. Hood, and here I am.

"It all worked out pretty well, because my wife and I just had our first baby—cost about \$7.00—and I hate to think what it would've been on the outside.

"When I look at everything—the schooling, the cost of living, where I'm stationed—the Army's done an awful lot for me. I don't know...right now it's just too good to lose any of it."

The Army *has* done a lot for Roy Price. And it's given him some pretty good reasons for staying in.

Why are you staying in?



MISSILE & MUNITIONS CENTER & SCHOOL
NAMES IN THE NEWS
 By SP5 Dave Cowan

Chief Warrant Officer William Adams, a native of Corning, Ark., received the Army Commendation Medal with 1st Oak Leaf Cluster. Adams was previously assigned to the Missile Command in the Hawk Project Office.

He has also received the Combat Infantry Badge.

Chief Warrant Officer James Jordan, a resident of Huntsville, received the Meritorious Service Medal. Jordan is a student in the Hawk program.

Chief Warrant Officers William H. Hollingsworth, Jr., and Arvel J. Shults were awarded the Joint Service Commendation Medal.

Hailing from Mt. Vernon, N. Y., Hollingsworth is with the Hawk Division at MMCS as an operations officer. He entered the Army in 1944, completing basic training at Camp Wheeler, Ga.

Shults, a native of Houston, Tex., is operations officer with the NIKE Division at the School.

Before coming to Redstone, he was assigned to the 222nd AD Advisory Team in Vietnam. Shults has received the Army Commendation Medal.

Corporal David W. Schultz,



SCHULTZ MULLINS

hailing from San Lorenzo, Calif., has been selected 2nd Battalion's Soldier of the Month for January.

Schultz is a student in the Ammunition Storage and Opera-

tions Course at the School.

He entered the Army in May 1972 and completed his basic training at Fort Polk, La. He at-



PHILLIPS McFEETERS

tended California State in Hayward.

Bronze Star

Master Sergeant Arnold R. Mullins, NCOIC in S-4 at School Brigade, was presented the Bronze Star Medal, by Colonel Joseph A. DeSantis, Brigade commander.

A native of Pikeville, Ky., Mullins has more than 20 years of Army service. He entered the Army in November 1952. His previous assignment was with the Vietnam Regional Exchange at Can Tho.

Mullins has received the Army Commendation Medal with 4th Oak Leaf Cluster, Parachutist Badge and the Combat Infantry Badge.

Honor Graduates

Specialist Four Thomas R. Phillips III, set a high all-time mark as Honor Graduate of the Improved Hawk Pulse Radar Repair course at MMCS.

A native of Huntsville, Phillips led his Hawk class with a 99.4 academic average. Specialist Four Gary W. Van Sickle, formerly an instructor in the Hawk Division, achieved a 98.5 average as runner-up in the same class.

Along with his honors as top



ROSA LINDSEY

student in the Hawk course. Phillips received the Association of United States Army plaque for accomplishing a 96 percent or higher academic average.

Phillips attended the University of Alabama in Huntsville.

Runner-up Van Sickle will be assigned to the 32nd Air Defense Command in Germany.

Specialist Four David G. McFeeters was named Honor Graduate of the Hawk Pulse Radar Repair course.

A native of Atchison, Kansas, McFeeters entered the Army last January, completing basic training at Fort Leonard Wood.

Chief Warrant Officer Rex J. Wooten was selected Honor Graduate of the newly established 17-week Surface to Air Missile System Maintenance (Hawk) course.

Wooten was previously assigned to MICOM. He hails from Cameron, Okla.

UTC's Best

Sergeant Jose D. Rosa-Garcia, supply sergeant of the 200th Ordnance Detachment, has been selected Unit Training Command's Soldier of the Month for January.

A native of Caquas, Puerto Rico, Garcia entered the Army in 1970. Before coming to Redstone, he was assigned to the 60th Ordnance Company in Vietnam.

Garcia has received the Army Commendation Medal. He will compete against 1st and 2nd Battalion's Soldiers of the Month at a later date for MMCS's SOM.

Awards Ceremony

Chief Warrant Officer Richard O. Lindsey was the recipient of the Joint Service Commendation Medal. Entering the Army in 1954, Lindsey is the Hawk Missile System Maintenance Supervisor at the School. His last assignment was with the Military Training Mission to Saudi Arabia as an advisor to the Saudi Arabian Army Air Defense Command.

A native of Louisville, Ky., he has had tours in Germany, Japan and Korea, including stateside assignments of Forts Knox, Jackson, Gordon, Campbell, Bliss and the White Sands Missile Range in New Mexico.

Sergeant First Class Hugh P. Mauney and Specialist Four Gregory C. Bowman received the Army Commendation Medal. Mauney, a technical NCO, handles career development courses for military and civilian personnel at MMCS. His last tour was with Headquarters and Headquarters Battery, 5th Battalion, 77th Field Artillery in Wiesbaden, Germany.

A native Alabamian from Enterprise, Bowman was presented his ARCOM by 1st Battalion commander, Major James C. Fields.



MAUNEY BOWMAN

Bowman is a clerk-typist with the Career Counselor at MMCS. He came to Redstone from the 2nd Infantry Division in Korea.

More Honors

Private Glen R. Wittrock of Pringhar, Iowa, was selected Honor Graduate of the Redeye Weapon System Repairman course at the School. Wittrock led his classmates with a 97.7 average and received the Association of the US Army plaque for achieving a 96 percent or higher average.

He received an associates degree from the University of South Dakota at Springfield.



WITTRICK MANGOLD

Private Michael R. Carey of Ludlow, Mass., was selected Honor Graduate of the Wire Guided Missile System Repairman course.

Entering the Army in August 1972, Carey received his associates degree from Springfield Technical Community College in Springfield, Mass.

Private Dennis A. Mangold was named Honor Graduate of the Sergeant Missile Guidance System course. Mangold had a 92.3 academic average. He has a Bachelor of Science degree in Education from Northern Montana College at Havre.

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The 1972-73 deer hunting season on the Arsenal was the most successful since deer hunts were initiated on post in 1967.

A total of 230 deer were taken by hunters this season. Included in this total was the biggest deer ever bagged on post with a gun, a 200 lb., 8 point buck; and the biggest ever taken by a bow hunter, a 175 lb., 8 point buck.

This season was also the end of the trail for three old-timers. Three of the deer taken were identified by tags in their ears as part of the original herd of 20 doe and 7 bucks turned loose on the Arsenal back in 1960. Computing their age at the time they were released, these deer were approximately 14 years old, which is double the normal life span for wild deer.

During the recently completed season, Shirley Yell became the first woman to bag a deer on post, a 135 lb., 10 point buck.

According to David Bryant,



SHIRLEY YELL

Installation Forester, "Since 1967, Redstone hunters have taken 499 deer. The present deer population on post is estimated at approx-

imately 1500. When you realize there were no deer on post and virtually none in northern Alabama until we released the 27 in 1960, it is easy to see how they have thrived and multiplied."

A check with State Wildlife Officials revealed that the 230 deer taken on Redstone this year surpassed the number taken from any State Wildlife Management Area in Northern Alabama.

Safeguard Wives Meet

Members of the Safeguard Officers Wives Club will hold a coffee meeting on Monday, February 26, at 10:00 A. M. in the Pershing Room of the Officers Open Mess.

Mrs. Charles R. Covell is in charge of arrangements for the meeting. Reservations and cancellations are to be referred to Mrs. Leo B. Mihas, 837-0922 or to Mrs. William I. Robertson, 837-2212.

Engineers United In Annual Event

The Huntsville Engineering Societies, will sponsor the annual Engineer's Week banquet at the Officer's Open Mess on Thursday evening, February 22.

Major General D. A. Raymond, Division Engineer for the South Atlantic Division Corps of Engineers will highlight the event with an address on "Engineering Aspects of the Tennessee-Tombigbee Waterways Project." The speaker will be introduced by Major General H. B. Hanson, of Birmingham, Commander of the

87th Maneuver Area Command. Mayor Joe Davis Huntsville will present an honorary citizenship to Gen. Raymond and presidents of the participating local chapters will recognize outstanding members.

The annual event gets underway at 6:30 with the address scheduled for 8:30.

Reservations and tickets may be obtained from Carl Nagle, ticket chairman at 536-0853 or 453-4565. And the individual organization chairmen.

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Instructors: Watson and Kheir Fee: \$175

DECISION MATHEMATICS

Short-term: Mar. 19 - 30, 0800-1200
Instructors: Wyskida and Ignizio Fee: \$175

ROCKET PROPULSION TECHNOLOGY (Solids)

Short-term: Mar. 19 - 30, 1300-1700
Instructors: TBA Fee: \$175

LEGAL ASPECTS OF CONTRACTS

Short-term: Apr. 2 - 13, 1300-1700
Instructors: TBA Fee: \$175

OPTICS TECHNOLOGY

Short-term: Apr. 30 - May 11, 0800-1200
Instructors: TBA Fee: \$175

FUNDAMENTALS OF PROGRAM MANAGEMENT

Saturdays, 0830-1230; Mar. 10 - May 26
Instructor: Shuford Fee: \$150 + book

CONTRACT MANAGEMENT (for Engineers)

Mon. & Wed., 1900-2100; Mar 7 - May 24
Instructor: Freeman Fee: \$150 + book

DIGITAL ELECTRONICS TECHNOLOGY

Tue. & Thurs., 1900-2100; Mar. 8 - May 24
Instructor: Hornfeck Fee: \$150 + book

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Teaching the Young Child	MW 1900-2100
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Intro. to Interior Decoration	MW 0900-1100
Intro. Architectural Planning	TT 0900-1100

For additional information, Tel: 895-6010.

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Persistent Analyst Boosts Hopes For Reaching Goal

James Sanford, program analyst in the TOW Project Office, may be the first Department of Army employee to have his suggestion turned down and yet win a cash Special Act or Special Act or Service Award as a result of his suggestion.

As a member of the Program Management Office, Sanford's duties involve reviewing and analyzing sales of the TOW Missile System to friendly foreign countries.

TOW missiles sold to foreign governments were priced to include a certain amount for recoupment of initial research and development costs. This meant that for every missile sold, the U.S. got back a part of its initial costs of designing, researching and developing the system.

Sanford felt that this recoupment should be considered as a saving under the cost reduction program. Local interpretation of the Army regulation governing what constitutes a saving determined that Sanford could not claim over three million dollars as cost reduction.

Stymied by interpretation of the regulation, Sanford entered a suggestion through channels suggesting that the regulation be amended so these costs could be credited to the Missile Command savings program.

It could be said that Sanford lost the battle, but won the war. His suggestion to amend the regulation was turned down because Army Materiel Command officials interpreted the regulation to read that these savings could be included in the Cost Reduction reporting even though it had never been done before.

Once the regulation was cited as

covering the situation, Sanford was ready with two cost reduction proposals for a total of over seven million dollars.

Sanford's persistence resulted in AMC notifying other commands that recoupment costs on sales of systems to foreign governments could be counted in their cost reduction programs.

Though his suggestion was turned down, Sanford was credited with validating over seven million dollars in savings and opening the door for millions more.

According to Horace Williams, Micem Cost Reduction Coordinator, "The Cost Reduction Program depends on each individual in the command. A proposal may be turned down or questioned, but regardless of the action it should be followed through. Sometimes the proposal has to be approached from a different view. Sanford proved that persistence pays off."

Chic Investors Meet

The monthly meeting of the Chic Investment Club will be held Thursday evening at 7 p.m., at the Officers Open Mess. Members and interested guests invited to attend.

Additional information can be obtained from L. I. Varney, 876-3348.

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A Christmas Fantasy

Oh, I've Got a Yen for You, Wankel Baby
'Twas the night before Christmas and all through the land
The prophets of crisis saw doom was at hand.
Ralph Nader was snug in his crusader's bed
While old Corvair heaters did dance in his head.
Lunenburg in his 'kerchief, John Z. in his gown
Watched NOx rising as HC came down.

H. Ford and his dealers all throughout the nation
Dreamt of losing their EPA certification.
Riccardo and Townsend gave signs and a shrug
As their Cricket gave up in its fight with the Bug.
And even Doug Toms, safety chief we all hailed
Was hurt on his 'cycle—his air bag had failed.
Air bags, by the way, scored a negative hat trick—
The court, ESV's and Professor Patrick.

The '73s on the new fallen snow
Were long, low and pretty, but just wouldn't go.
They chugged and they diesel'd with flat spots galore,
But the public bought faster than ever before.
The reason was clear why they dug in their purse—
With Washington helping, next year's will be worse.

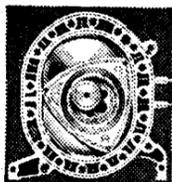
Then what to our wondering eyes did arrive
But a miniature car with a rotary drive.
And inside was Santa with most merry crew
And he told us: "Have I got an engine for you!
"We call it the Wankel—'twill cure every woe
"With catalytic converters to cut down CO.
"And we still have some work left to do on the seals!"
But the auto men cheered and began making deals.

Dave Cole and Bob Brooks came along to detail it;
And Mazda's Dick Brown just grinned: "I can retail it."
While some thought it silly and even said so,
Gen'ral Motors and Wall Street were shelling out dough.
Santa filled Detroit's stocking, then rose from his knees
And he spoke in an accent that seemed Japanese.

He sprang to his sleigh and the scene was just grand
As the whir of the Wankel was heard through the land.
He soared into the night with his hard-charging team
Like a William Lear bus with a full head of steam.
But we heard him exclaim, high above the hubbub,
"Merry Christmas, Detroit—join the rotary club."

—RICHARD A. WRIGHT

* Reprint from AUTOMOTIVE NEWS—Dec. 25, 1972



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Lay Missionary

Protestant Women of the Chapel will meet on Tuesday, morning, February 20, in the Social Room of the Post Chapel. Guest speaker will be George Sachs, a lay missionary and Department of the Army civilian.

All women are cordially invited to attend the 9:30 function.

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Seven States Vote This Year

Voting assistance is available for military personnel at Redstone who are from states that will be holding elections during 1973. Dates of the States holding elections are:

Alaska, March 6; Louisiana, March 20; Wisconsin, April 3; the states holding elections on November 6, are Kentucky, New Jersey, New York, Ohio and Virginia.

Absentee voting information is covered in Department of Defense PAM 360-503, however, those wanting additional information should write to the registrar of the state concerned or to local party headquarters.

As an additional service, military may call Department of Army Voting Assistance Personnel on commercial line (202) 756-2328 or 2329 or on autovon 289-2328 or 2329.

Voting assistance officers for the Army Missile Command units are: Special Troops, Captain Donald Wiseman, 876-2089; Headquarters and Headquarters Detachment, First Lieutenant Pat Tuggle, 876-3718; 95th Service Company (Calibration) Chief Warrant 3 Donald E. Knapp, 876-4792; 291st Military Police Company, Second Lieutenant Brian Mickles, 876-7758; Medical Detachment, Captain Francis A. Barth, 876-4949; and the 55th Army Band, Chief Warrant 2 David G. Mathis, 876-6682.

Job Openings

(Editor's Note: The Rocket will publish Civil Service job openings as they are made available through civilian personnel channels.)

The following jobs are all in the St. Paul, Minn., area:
Position Classification Specialist, GS-221-9 or 11 (Obligated);
Labor-management Relations Specialist, GS-230-9 or 11;
Electrical Engineer, GS-801-12;
Mechanical Engineer, GS-830-12.
Interested and qualified personnel should submit an SF-171, to the following address, or phone Mr. Bock, FTS 612-725-7514:
District Engineer
U. S. Army Corps of Engineers
St. Paul District
1210 U. S. Post Office and Custom House
St. Paul, Minnesota 55101.

Gardening Is Luncheon Theme

Theme for the Officers Wives Club luncheon next Tuesday at the Officers Open Mess is "How Does Your Garden Grow?"

Mrs. Jane Miller from the Carriage Gardens Nursery will be the guest speaker. Hostesses will be wives of officers in the Safeguard System Command with Mrs. E. M. Riddlehoover serving as general chairman and Mrs. L. Hergert heading the decorations committee.

Lunch reservations will be accepted until noon on Friday. Mrs. A. Taranto will accept cancellations until noon Monday and will also handle reservations for guests of those on the permanent reservation list.

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Warehouse Sale

SIZE	DESCRIPTION	WAS	NOW
6x9	Stunning Brass tweed Nylon Shag	'40	'6
7x10	Beautiful Hi Lo Nylon Irregular	'50	'8
17x4'	Attractive Koyai Biue Hi Lo Design Nylon	'30	'10
6x9	Mixed Color Full Nylon Shag	'50	'12
20 sq. yds.	Real Fine Poly-Foam Pad. Come Early Only	'30	'14
8'x11'	Ideal Apartment Carpet, Gold Polyester Shag F B	'59	'16
7x10	Striking Gold Tweed Extra Dense Nylon	'40	'18
15x8	Some one Special Snow White Nylon Plush	'100	'20
12x9	Durable Multi-Stripe Foam Back Olefin	'59	'22
6x9	Harvest Quality Dense Nylon Shag-Bound	'50	'24
9x12	A Lovely Brown-Gold Print Olefin Washable	'80	'26
8x12	Stunning Royal Blue Dense Nylon	'69	'28
12x10	A Real Bargain Avocado Hi Lo Nylon Small Hole	80	'30
12x12	Cover A Big Room, Look At the Price and Tell a Friend	'100	'32
12x9	Best Seller Bright Red Dense Nylon Shag	80	'34
12x12	A Fine Wool Carpet. Bound on 4 Sides.	'120	'36
12x9	Extra Dense Snow White Nylon Shag	'89	'38
15x12	Moss Sculptured Patterns Dupont 501 Nylon Holes	'140	'40
12x13'	A Real Nice Burnt Orange Hi Lo Nylon	'110	'42
12x15	One of the Best Carpets Dense Honey Gold Irr. Spots	'200	'44
12x12	Lovely Red Nylon Shag, Meet a friend at Mr. Carpet	'100	'46
12x19	Cover 2 rooms, Slight irr. Yellow Shag Nylon	'200	'48
12x9'	Beautiful Heat Set Twist Dense Nylon Shag Orange	'120	'50
12x15	Snow White Dense Nylon Plush. Shop Early!	'120	'52
12x15	Extra Heavy Harvest Commercial Yarn Pull.	'200	'54
15x15	Decorative Royal Blue Hi Lo Nylon Holes-One-of-a Kind	'210	'56
40 sq. yds.	Cover a Large Area & Commercial. Nylon Irr.	'200	'58
12x26	Renters Special Yellow Nylon Shag	'200	'60

All Remnants Subject To Prior Sale. One of a Kind
*Shop Early for Best Selections.

● 100's OF REMNANTS UP TO 12x30 IN STOCK

**LARGE AREA CARPETING
AT GREATLY
REDUCED PRICES!**

Size	Description
12x18	Beautiful Mint Shag
12x12	Hot Red Shag
12x15	Lovely Avocado
15x15	Harvest Commercial
13x15	Sage Green Com.
12x21	Candy Stripe Shag
12x18	Dark Green Com.
12x19	Yellow Shag

**DOOR BUSTER
SPECIALS**

\$69 EA.

● **BE SURE TO
BRING YOUR
ROOM
MEASUREMENTS**

● **Shop
Early**

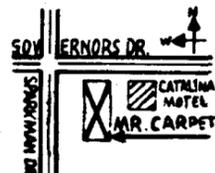
100's MORE REMNANTS TO CHOOSE FROM

MR. CARPET SALES

SERVING ALABAMA, GEORGIA, SOUTH CAROLINA

Located 5613 GOVERNORS DR., W.

FINANCING AVAILABLE ● PLENTY OF FREE PARKING



WAREHOUSE HOURS:

MON 9-9
TUES.-THUR. 9-7
FRI. 9-9
SAT. 9-7



**MR. CARPET
GUARANTEE**

Come in and buy carpet during this Sale. If you do not like it when you get home, return it within 3 days and your money will be unconditionally refunded or exchanged.