

Redstone Rocket

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Interesting hybrid

Missile engineers cross Sparrow and Hawk

BY ED PETERS

A weapon that mates the Navy's Sea Sparrow surface-to-air missile with the launcher and guidance of the Army's tried-and-true Hawk system is being developed by the Army Missile Laboratory here.

Called Sparrow Hawk, the experimental weapon is

intended to complement the Hawk system by building on it to create an air defense weapon that has more firepower and is more mobile and transportable and thus more suitable to the requirements of rapid deployment forces.

Sparrow Hawk may be fitted with either nine Spar-

row missiles or the Hawk system's usual complement of three missiles. In either mode the weapon will be capable of attacking multiple targets using the LASHE (low altitude simultaneous Hawk engagement) guidance that has been developed for the Hawk system.

Although performance characteristics are classified, "There are significant differences in the performance of the two missiles so Sparrow does not replace Hawk; it complements it. Hawk has attributes Sparrow doesn't have and Sparrow has attributes Hawk doesn't have," said Bob Ward, the Sparrow Hawk program's lead engineer in Systems Simulation and Development Directorate.

"Sparrow uses the same basic guidance concept as Hawk and physically is much smaller than Hawk which allows us to put so many on a launcher," he said.

Working with the Raytheon aerospace firm, Ward's group designed a beefed-up Hawk launcher to accommodate the extra weight of the nine Sparrow missiles.

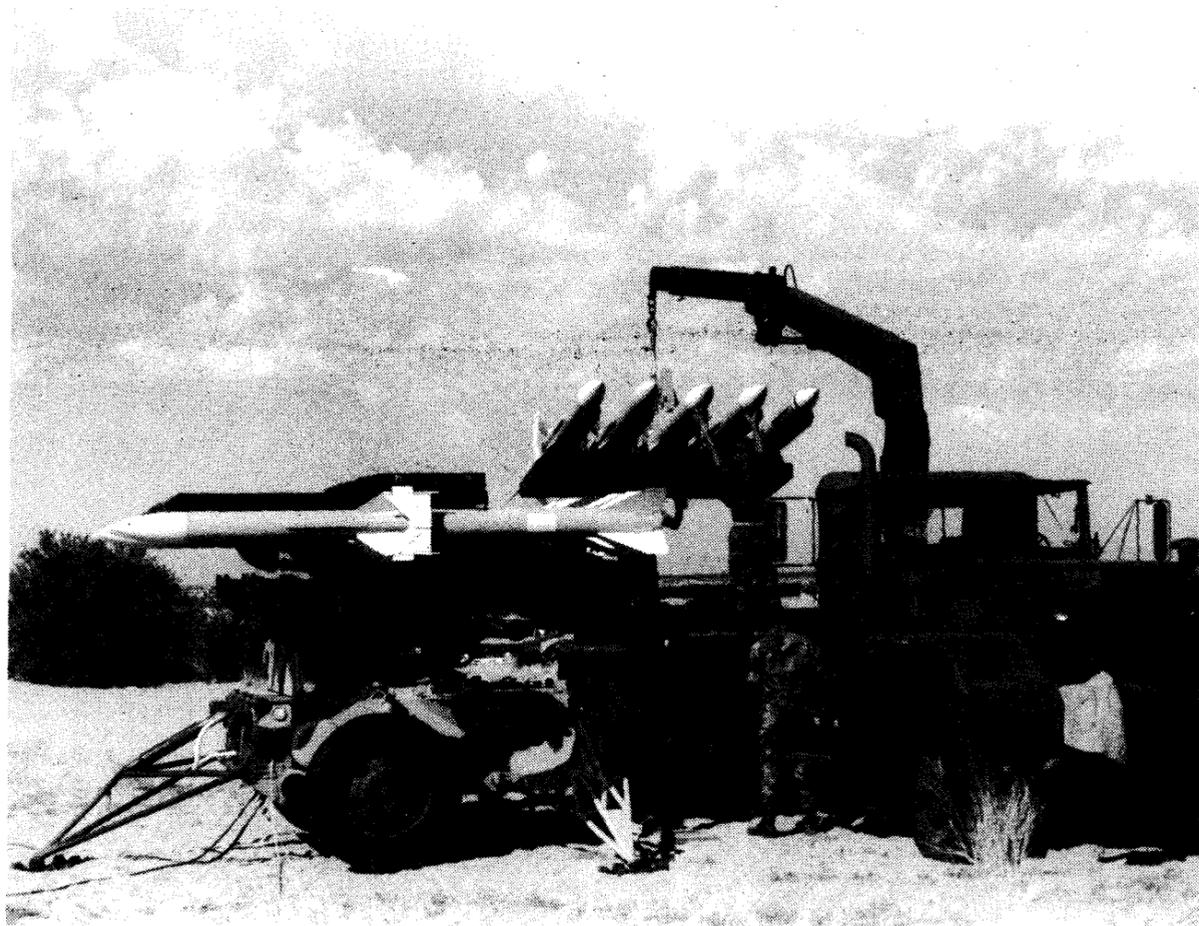
This strengthened launcher not only permits adding firepower to the system but, unlike the Hawk-alone launcher, can be moved or transported while partially armed with missiles. The launcher can be towed to a new location or transported on C-130 aircraft while armed with four Sparrow or two Hawk missiles.

A Sparrow-equipped launcher carries five missiles in a clip and four mounted individually on a platform. The clip is removed during moving or transporting and carried on the truck that tows the launcher. A spare five-round clip is carried on the tow truck also.

In October at Yuma, Ariz., the Marine Corps' 2nd Light Antiaircraft Battalion using a Sparrow Hawk launcher with dummy missiles demonstrated that it could be set up, taken down and moved faster than the conventional Hawk launcher.

Tests in November and December involve tracking a flying target with a real Sparrow missile. Live firings in January will conclude the program. Then it will be up to the Army and Marine Corps to decide whether

(See Hybrid, cont'd Page 3)



FIVE AT ONCE—Clip of five missiles is loaded onto a modified Hawk launcher. The launcher carries four more missiles mounted individually for a total of nine.

Classes by satellite coming to training center here

BY SKIP VAUGHN

Teachers will be able to stand in front of a blackboard and teach a course to students miles away under a program that includes the Missile Command.

Classes will soon be taught via satellite. The program, managed by the Army Logistics Management Center at Fort Lee, Va., is called remote multi-media mode education.

"The method will be to broadcast classes from ALMC simultaneously to eventually nine earth stations, and we're part of the first group," says Dr. Delia Black, chief of training and career management division at the civilian personnel office. The first five Army commands under the program are to have equipment installed in December and begin operating in January.

A contract for the entire operation, including the studio at Fort Lee, was awarded Oct. 15 to the Private Satellite Network of New York. The company has already visited here for a site survey.

Two satellite dishes are to be located at the end of civilian personnel's building 7437, right across from the training center classroom building. The lines will be run into that building, 7446, for reception into the classrooms.

Reception is to be for both the training center classrooms and the adjoining Learning Resource Center which specializes in individual instruction.

"The techniques to be employed will be electronic blackboard, which will be two-way; audio, two-way; and video, one-way," Black says.

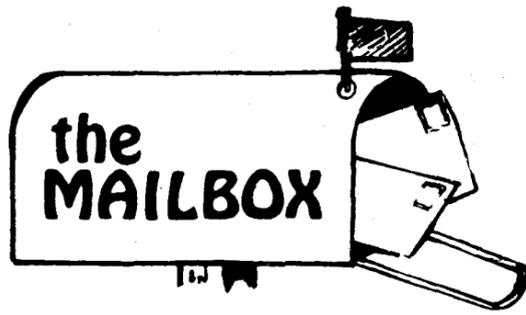
An electronic blackboard enables a student here to

immediately respond in writing to a teacher who is miles away. He or she writes on what appears to be a normal classroom blackboard and the results are viewed by the teacher over a TV monitor. In turn what the teacher writes is transmitted here. Microphones receive and transmit sound in the classroom. The satellite hookup is also to send the image of the teacher.

"There will be approximately two to four hours a day of actual instructor time on the system," Black says. The rest of the time is to be used by the students to complete assignments and projects under the guidance of a facilitator. The person in that position here is Allen Cothron, an employee of SciTek, contractor at the Learning Resource Center.

An electronic blackboard has already been used here

(See Satellite, cont'd Page 4)



Twilight driving

Editor:

Each morning, as I came to work, the same set of conditions:

Dawn twilight, cars moving at speeds approaching violation of the posted speed limits, and no lights.

During a tour in Korea I was given a Katusa driver and a sedan, to make a trip down a congested two-lane highway to Osan Air Base, from Seoul. The driver, starting in the early dawn twilight, did not use lights. When I asked him to turn on his lights, he was affronted, and said "Why lights? I can see!"

His attitude of 'to hell with the other traffic' could reflect a macho male type. I surely don't need any more of that approach. Is there any way we could get the message to drivers, on and off the arsenal, that dawn and dusk twilight are very dangerous, and that informing other traffic that "you are there" does not reflect on their virility?

It could save the life of another motorist or a child. We have many bicycle riders who need the extra warning of lights on a vehicle to let them compensate for the flow of traffic.

Perrin C. Cothran II
Retired, DAC and USN

Seen many changes

Editor:

Since May 1966, I have had the pleasure of watching the OGMS become MMCS and then OMMCS. Along the way, I have seen many changes in the *Redstone Rocket* and its format. Unfortunately, we, the readers, have been inundated with front page coverage of the case of subversive plots to misappropriate corn plants in the housing area (CORNGATE?) and other miscellaneous trivia. What happened to the troop support articles? It seems that it has been forgotten that 'Ol Red Rock U A.K.A (Redstone Arsenal) is a military post.

As a case in point, the 14 Nov 84 issue, page 6, Flag Football standings. These soldiers play of their own free will and accord, on their own time. Yet there was no comment at all about the teams or their schedules. Why can't some editorial effort be made to cover these games? How about some pictorial support of the military functions on post? The same goes for ongoing recognition of our civilian contemporaries. A physical measurement of the 14 Nov 84 issue revealed that of a possible 4824 square inches of paper, 2847.43 square inches were advertising; fully 59 percent or 14.16 pages. Yes Virginia, advertising aids and abets the cost

of producing the *Rocket*; but where is the law of diminishing returns? There are thousands of stories here at Redstone; unusual hobbies, outstanding job performances, awards, graduation, field training exercises, etc., etc. We (all of us) have the *Huntsville Times* and/or the *Huntsville News* to look at if we want Classified Ads and advertisements every day, so why can't we have a paper that reflects the Military and DOD Civilian's accomplishments and endeavors rather than "just another sale paper?" I, for one, would rather pay a nickel or dime to read a publication which is about us (all of us), for us, and perhaps by us (do you solicit manuscript or photo's) than read this pitiful publication as it stands. I openly solicit your comments, suggestions, et al.

Bill R. Wynne
SFC, USA

(Editor's note: Thank you for your comments. Readers said in our survey last year that the types and amounts of coverage in the *Redstone Rocket* are, on balance, about right. We too want a newspaper about and for all of us and welcome contributions from the work force; however, we have been singularly unsuccessful in getting anyone with the flag football program to pick up the telephone and call in game results.)

Advances to be paid in traveler's checks

The Army at Redstone Arsenal will begin using traveler's checks to pay travel advances sometime in January, according to a Finance and Accounting official.

Traveler's checks in \$20, \$50 and \$100 denominations will be issued free of charge to both soldiers and civilians drawing advancements for government travel.

Advances under \$100 will be paid in cash and those between \$100 and \$500 will be paid in traveler's checks. Advances over \$500 can be paid in traveler's checks or a U.S. Treasury check is optional. Traveler's checks will be issued in \$100, \$200, \$250, \$300 and \$500 packets, with payments rounded off in \$50 increments.

1st Lt. Gregg Moyer, Finance and Accounting Division's project officer for the changeover to traveler's checks, said a commander's policy statement on the new system is expected to be issued this month.

"It will be easier on us, easier on the traveler and easier to control," said Moyer. He said traveler's checks have been in use at some military posts for several months with good results for both finance offices and individuals. "It's proven so far to be a big

Thanks CFC

Editor:

On behalf of the United Way of Madison County, I want to express our appreciation for the outstanding Combined Federal Campaign which was conducted this year under the chairmanship of Maj. Gen. Jerry Max Bunyard.

It is gratifying to the total community to again be reminded of the caring that federal employees have for people who will benefit from the many agencies supported by the campaign.

Thanks to all who participated.

Dr. F. J. Lavacot
Campaign Chairman
United Way of Madison County

Letters to the editor should be signed (name withheld on request) and sent to: The Redstone Rocket, DRSMI-G. Unsigned letters will not be used.

service to customers and it helps the Army with cash management," he said.

The procedure for getting an advance will remain essentially as it was when cash payments were disbursed. "We think it will be as quick and easy as issuing cash," said Moyer. Individuals receiving traveler's checks will fill out a personal information form with each packet to facilitate reissuance of checks in the event they are lost or stolen.

Moyer said the fact that lost or stolen traveler's checks can be restored easily should represent a significant benefit, since lost cash is seldom recovered.

The government benefits too by saving on interest and other expenses associated with acquiring and holding cash.

The checks are free to both the traveler and the government. The company furnishing them, Bankamerica, profits from use of the money from the time a check is purchased till the time it is cashed.

Army finance offices will issue traveler's checks to official travelers only. "The traveler's checks are not available to be bought. You can't come in and buy them from us," Moyer said.

Ducks may contain DDT, local hunters cautioned

With the waterfowl hunting season scheduled to open Dec. 1, the Army has reiterated its cautionary statement concerning DDT in local ducks.

In tests in 1978 and 1980, some ducks shot on Redstone Arsenal were found to contain DDT substantially in excess of the five parts per million level considered safe to eat. Some ducks tested had DDT levels on the order of 100 parts per million in their tissues.

DDT gets into the ducks' systems as they overwinter in a backwater portion of the arsenal heavily contaminated with DDT manufacturing waste.

Once a popular insecticide, DDT was banned from use after it was found to interfere with animal

reproduction and also was identified as a potential cancer-causing agent.

Tests by the U.S. Fish and Wildlife Service show that ducks in the area other than those frequenting Redstone Arsenal contain no appreciable amounts of DDT.

Unfortunately, local waterfowl hunters have no way of discerning where a duck has been and no way of determining if it contains DDT.

As it has for the past few years in advance of waterfowl season, the command last week sent cautionary letters to local duck hunting groups and made a public announcement as well.

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Hybrid

(Cont'd from Page 1)

Sparrow Hawk should be added to weapon inventories, Ward said.

Army Missile Laboratory went to work on the weapon in October 1983 after Hawk Project Office "chartered a task force to look at evolutionary concepts to apply to Hawk to help it meet the evolving threat," said Ward.

"It has since become a tri-service program," he continued, "the Army, the Marine Corps, because they have Hawk and have commitments to the rapid deployment force role; and the Navy as principal user of Sparrow was interested."

Ward said Sparrow Hawk is a "laboratory demonstration" of improving an existing weapon to meet a threat rather than developing a new one at much greater expense of money and time.

In this case, "we're dealing with two existing missiles with proven capabilities and years of experience behind them; that's one of the attractive features of Sparrow Hawk," he said. "If the Army decides to field it, it will take a minimum of development effort because we're dealing with two existing, proven weapon systems."

"We've demonstrated that no changes are required to Sparrow, just some changes to the launcher and minor changes to the rest of the system to interface Sparrow."

"The thrust of future development absolutely is to evolve systems rather than initiating totally new weapon system development."

This approach not only lowers cost and development time but also allows missile engineers to see the fruits of their labors in a way many are not accustomed to.

"This is one of the most fun, most rewarding programs I've ever been on, an opportunity to take a program all the way through the planning stages to successful completion," said Ward. "I have been on programs that you work on year after year and not necessarily ever see concrete results."



FIRING POSITION—A Marine raises Sparrow Hawk into firing position in launcher tests in Arizona using dummy missiles.



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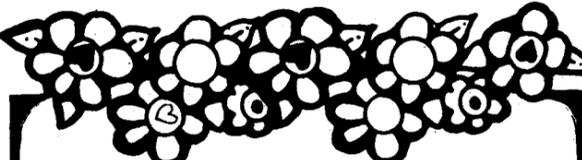
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Satellite

(Cont'd from Page 1)

in three classes and for one class which was completely presented through the method. Instead of satellite, telephone lines were used to receive the signal. "When we get on the satellite, we hope to clear up the reception problems we've encountered so far," Black says.

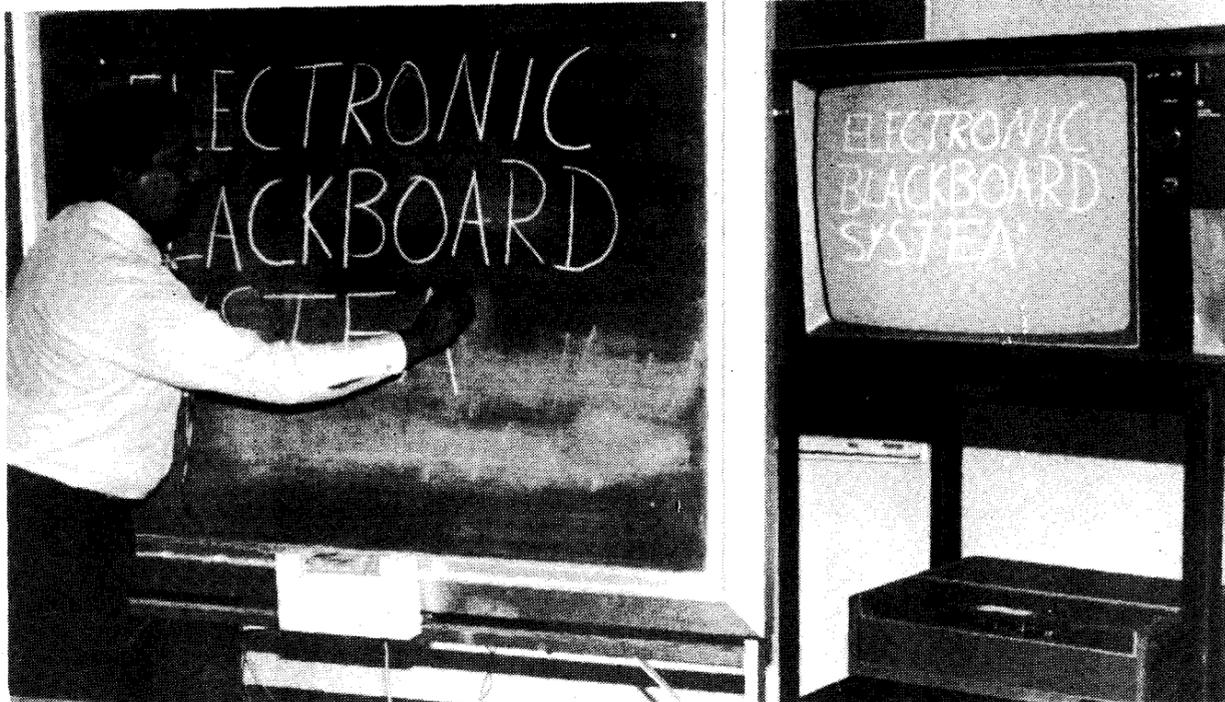
The first class, for example, was interrupted by a chicken farmer in Tennessee. In the middle of class, there would be the sound of a phone ringing and someone asking for eggs. Another interruption came from a hamburger place in Boaz, Ala. "It was just freaky problems with long distance lines," says Black. "Later classes improved but still it's not as good as it should be with a (satellite) dish."

Plans are to first put nine of the most widely used logistics courses on the new system. These courses are said to be helpful for people in such fields as supply, maintenance engineering, and procurement. Others of the 70-plus ALMC courses are to be gradually phased in on the system. Officials say the satellite dishes, when not being used to receive Army courses, will be available to receive university courses. "More and more schools are going to the telecommunications medium of delivering education, particularly in the engineering area," Black says.

Cutting the high cost of sending workers to the Army Logistics Management Center for courses is an expected benefit of telecommunications, she says. Each year about 1,000 Redstone people are trained in the courses. Roughly half are sent to Fort Lee, Va., while the others are trained by instructors sent here from ALMC.

"I would prefer to see traditional instruction but demands on limited resources will no longer permit that," Black says. "Instruction by telecommunications is an exciting new field which offers many challenges. If we respond positively to them, we can provide a very effective training program in an economical way."

Buford Crutcher, director of educational services division for SciTek and administrator at the Learning Resource Center, believes telecommunications has growing popularity. "I think that it's a good supple-



ELECTRONIC BLACKBOARD—Allen Cothron, a classroom facilitator, demonstrates blackboard that transmits what he writes as he writes it.

ment system for education and it's a thing of the future," he says. "It's much like computer-aided instruction. People are going to be taking advantage of it all over.

"This kind of a thing, once they get all the bugs out of it, is going to be one of the most cost effective delivery systems that you could come in contact with," he adds.

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Cafeteria sales rise in first year of Army control

BY SKIP VAUGHN

Sales increased during the first year of Army control over the six civilian cafeterias on post.

In the first 12 months of Army operation, sales totaled \$1,873,751. This was a \$496,433 increase from the last 12 months of contractor operation.

"We can attribute the increase in profits, in no particular order, to our customers for their support; to the outstanding job our employees are doing; to the effort of the Post Restaurant Fund Council; and to the overall support of the command which has been phenomenal," said Al Sessler, post restaurant fund officer.

At first the Army lowered as many prices as it could and increased food portions, according to Sessler. "The only time we've ever raised a price is if we were forced to because of wholesale costs," he said.

This is how a selling price is reached: First, the food must be purchased from an Army-approved source. Generally food is cheaper at the supermarket, Sessler said. Added to the wholesale cost of food are utilities, labor costs, maintenance and equipment expenses, supplies and replacement of china and silverware, accounting services, and civilian personnel services. In addition 25 percent of the net profit supports the Civilian Welfare Fund "which we're delighted to do," said Sessler.

"So all those things add to what we have to sell food for in order to keep our doors open," he said. "We're just exactly like a private business. We have all our own expenses; we're just operated and controlled by the Army. And we get no appropriated tax dollars, period."

Cafeteria officials believe they have upgraded the quality of food over the past year of Army control. Other new features include gift shops in the building 4488 and 5250 cafeterias, about 25 or 30 more vending machines, and new food items. "We've increased quality and product selection in the vending machines," Sessler said.

New cafeteria food items include taco salads at building 4488 ("as we get the program down pat we'll spread it through all the cafeterias," Sessler said); croissants (breakfast rolls made of puffed pastry); and fried shrimp (six shrimp for \$1.50 probably every other Friday).

An estimated 1,776 people took advantage of the dollar luncheon specials on the cafeterias' customer appreciation day Thursday, Nov. 15.

Less obvious additions expected by next year include a computer for information and record keeping. Also 12 new cash registers are to be purchased. These cash registers, planned for all the cafeterias, should be able to store and report more information.

"Also we've bought several pieces of new equipment lately to replace old antiquated equipment," Sessler said. "The equipment we're buying (refrigerators, stoves, freezers and so on) we're spending about 10 to 15 percent higher to get the energy-efficient equipment to save on utilities. Some of this equipment will save up to 20 percent on energy which should be a goal of everybody in this country."

"We're planning menus that will reduce the number of stoves that have to be turned on, in order to save energy. Our employees are to be commended on their energy conservation efforts," he said. "We offer a challenge to any organization on Redstone Arsenal to beat our energy saving program."

Cafeterias are located in buildings 4488, 5250, 5400, 5678, 5681 and 8027. Bill Bullen, cafeteria general manager, is over all the cafeterias and the mobile food trucks. Tom Petty is general manager for vending services. Bullen said he has noticed a sales increase, especially in buildings 5681 and 5400, in the six months he has been here.

"I'm very pleased with the progress," said Sessler, "Although never satisfied, but pleased. And we all want to give special thanks to our customers for bearing with us. And we know we've got some problems."

Competitive buying ensures the best deal on spare parts

BY ED PETERS

Buying missile repair parts competitively to get the best deal for the Army and the taxpayer is a way of doing business that apparently is here to stay.

At the Missile Command, it has become an undertaking that involves a large number of people in different offices and agencies working together to find ways to get the best product at the lowest cost without degrading missile readiness.

It also is an undertaking that is paying off, with an estimated \$10 million in savings found by identifying parts for "breakout" purchase rather than sole source procurement from a system prime contractor.

Typically, a prime contractor delivers a new missile system complete, including technical data packages and an initial stock of spare parts. When it becomes necessary to buy more spares, substantial savings are realized by buying competitively or direct from the manufacturer instead of ordering through the prime contractor.

Just as any smart buyer tries to shop around for the best price and buy direct rather than through a middleman, the Missile Command is using these routes to save money on spare parts.

A group in Systems Engineering and Production Directorate is examining technical data packages to identify repair parts that can be bought competitively and thus at substantial savings.

"We do a technical review to make sure these tech data packages are complete and can be broken out and if not we work with the project office so it can be broken out and can be competed," said Bill Grunwald, the directorate's chief of engineering services.

"We get the support of the project office to try to make it competitive and code it if we can to make it competitive on the next buy."

He has about 40 engineers and technicians involved in the reviews, which are required under a Defense Acquisition Regulation supplement issued last year to foster competition in procurement of repair parts.

"When we have to redesign a part that becomes obsolete, we make sure that when we complete that redesign that it can go out competitive," Grunwald added.

Reviews during fiscal year 1984 resulted in 3,454 items screened with 62 percent coded for competition and 38 percent coded for direct purchase from a manufacturer, records show.

Along with Systems Engineering and Production Directorate the Missile Command's spare parts "technical loop" includes several other groups.

These include the project management offices, whose acquisition plans for systems are being structured to enhance competitive procurement of spares; the Missile Logistics Center, which keeps track of readiness levels and spare parts requirements; Procurement and Production Directorate, which buys the spares; and Product Assurance Directorate, which controls quality. Directorate for Management Information Systems automates the paper work and Legal Office is concerned with proprietary rights and patents.

Overseeing the work of these groups is a Parts Acquisition Program Office formed last November. "We're the focal point," said Gayle Ganoe of that office. "Our task is to make sure we balance the readiness of soldiers in the field against our obligation to taxpayers to spend their dollars wisely."

The program manager is Lt. Col. Dicky Love, who works for Brig. Gen. John Drosdeck, MICOM deputy for procurement and readiness and the command's competition advocate.

The Parts Acquisition Program Office has a staff of nine with procurement, logistics management, engineering and administrative skills. They recently compiled an information paper listing some of the program's accomplishments during the first year.

Key accomplishments, according to Ganoe, include implementing and partially automating the screening program which has identified \$10 million in savings, and conducting some 1,500 hours of training for people involved in spare parts purchases.

This training has encompassed topics such as buying, planning buys, pricing, coding and use of a Defense Department parts control program to make sure parts are not newly-developed that already exist in the military supply system.

The Missile Command was the first group to receive a spare parts management course offered by the Army's logistics management center at Fort Lee, Va. The course has been given to 68 people here so far. It will be offered again in December and also in March and May. "We encourage everybody involved in spare parts to go to the course," Ganoe said.

She said Love, the parts program manager, "stresses that all we've accomplished in FY84 ought to be credited to the teamwork effort of the MICOM work force."

She continued, "It takes everyone to be aware and to be innovative and to look for ways that we can buy our spares at fair and reasonable prices."

"We see a lot of enthusiasm throughout the command, people involved in their aspect of it and very enthused about getting their ideas going."

"The difficult part is the reporting requirements placed on the workforce. It takes a lot of patience sometimes. Congress is very much interested and we have to keep them informed."

The command is expanding its value engineering of spare parts to eliminate "gold plating" and find better and less expensive ways to manufacture. "Essentially, what does this part do and what should we pay for it?" is the question being asked, Ganoe said.

Another thrust is to improve planning to eliminate unpriced contracts and year-end "panic" buying.

"There will be continued emphasis on breakout; competition wherever possible, and direct purchase from the manufacturer — that's the second choice," Ganoe said.

Ernest Young, the command's assistant deputy for readiness, said that the future also will see the competitive break out philosophy being applied to major items of a missile system and not just to spare parts.

This will entail reorienting the command's tradi-

tional, systems-oriented collective mind-set, he said.

"It's going to start back in the early documentation stage," said Young. "People will think more in terms of a competitive environment and not lean on a prime contractor because he's always been there."

"Under a systems orientation," Young explained, "we let a prime contractor effectively pull it all together to make a system for us. Under break out, we try to bypass the contractor where we can."

"When we talk break out, we, MICOM become the prime contractor and become more involved in integrating the system ourselves."

He said the new JTACMS (joint tactical missile system) is an example of a program where "we're trying to put the right words and philosophies into the acquisition packages."

Men's basketball camps scheduled

Soldiers here who are hotshot basketball players might be interested in showing their stuff at a basketball mini-camp.

Beginning Nov. 30, the Army will conduct a series of five basketball mini-camps lasting two days each. The camps will be conducted at Forts Bragg, Hood, Riley, Lewis, and in Europe. Their purpose will be to find new talent that should be invited to the Army basketball trial camp, to be held Jan. 16 to March 9 at Presidio of San Francisco.

Individuals interested in attending these camps must do so at their own expense in a permissive TDY status. At the camps, the attendees will be put through a series of drills to find if their skills warrant an invitation to the San Francisco trial camp. Soldiers who have been selected to the Army team since 1981 are exempt from these camps and will be invited to the trial camp if they submit an application.

The Fort Bragg, N.C., mini-camp is for soldiers stationed in North Carolina, South Carolina, Georgia, Florida, Alabama, Tennessee, Kentucky, Virginia, Idaho, Ohio, New York, New Jersey, Pennsylvania, and Massachusetts.

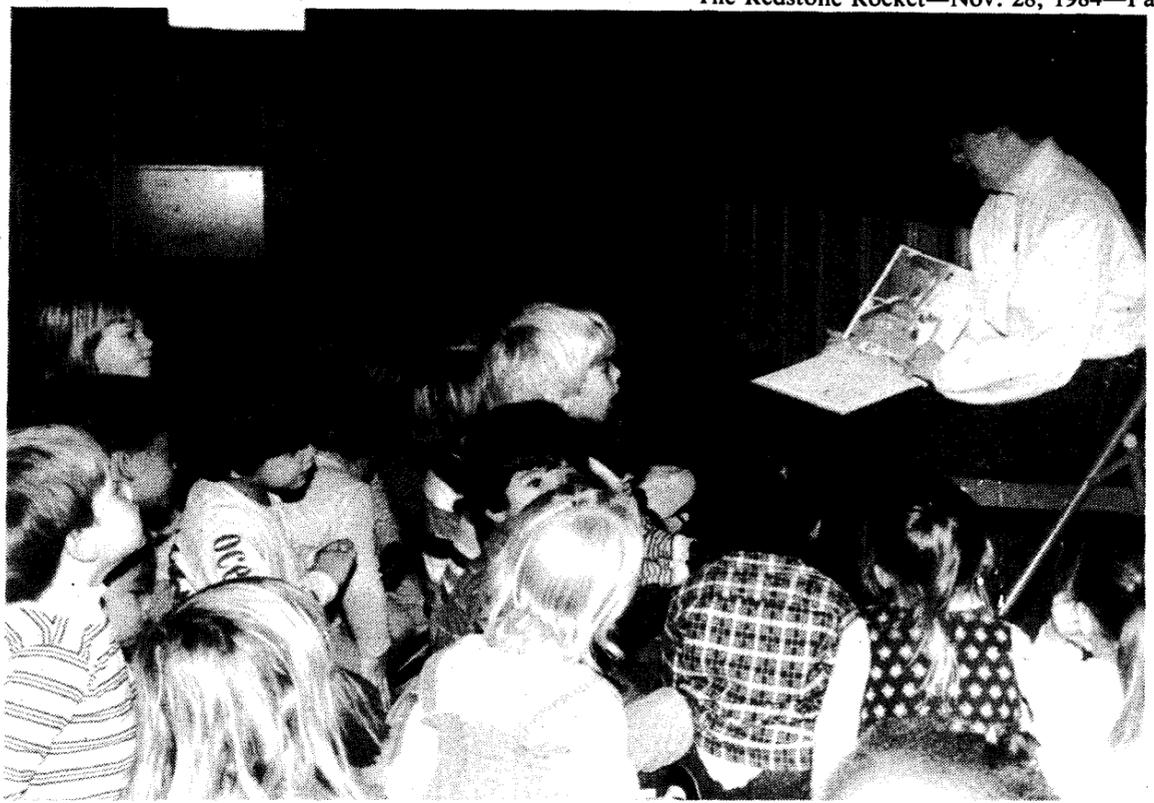
Attendees must be at Fort Bragg no later than 6 p.m. Nov. 30 and will depart by 1 p.m. Dec. 2. Commanders are encouraged to grant permissive TDY to those soldiers requesting to attend.

This mini-camp method of finding talented basketball players is an attempt to improve the Army team's performance in the armed forces basketball championship. The Army men's team has not won that championship in the last two years. Before 1982, the team was the perennial champion.

Since most major commands no longer conduct sports championships, officials say it has become increasingly difficult to evaluate the available talent in the Army.



PARTICIPANT—Wendy Horton, 3, listens to Story Time during Family Action Day held last week at Bicentennial Chapel. She is the daughter of Capt. William and Becky Horton.



STORY TIME—Norma Harkness, post librarian, tells a story for a group of youngsters as part of the Family Action Day activities Nov. 20 at Bicentennial Chapel. Other features included information tables, special presentations and award programs.

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Deputy comptroller here named 'woman of year'

The deputy comptroller at the Missile Command has been honored by a local professional women's club.

Nancy Walker was selected as "Woman of the Year" by the Huntsville Business and Professional Women's Club. The club recognized her for exceptional qualities of leadership, integrity and community achievements.

"I was pleased to be recognized by this professional women's club," Walker said. "They have done a lot of work that has assisted women in being able to move into career fields that were once closed to them. And it's always nice to be recognized."

The Huntsville native attended Butler High School and received a bachelor of science degree in business education from Auburn University in 1962. All during her high school and college years, she worked at various part-time jobs. While attending Auburn, she worked for the Army at Redstone Arsenal during the summer.

Walker has progressed through the ranks of civil service since she started working full time after graduation. She became MICOM's deputy comptroller in September 1980. As deputy comptroller she is the principal staff advisor to the comptroller and Command Group for financial management. She shares with the comptroller in managing command planning and programming, budgeting, review and analysis goals and objectives, cost analysis, finance and accounting. She administers the comptroller career program.

Boards she serves on include the Missile Command Training and Executive Development Board and a merit pay review board.

Walker and her husband, Merrill, have a son and two daughters.



WALKER

West Point prep school accepting applications

The U.S. Military Academy Preparatory School at Fort Monmouth, N.J., is now accepting applications for the academic year beginning August 1985.

Each year 170 soldiers are selected to attend the school which was established to prepare enlisted members of the U.S. Army for admission to the United States Military Academy.

Students at the prep school complete a 10-month term, during which they concentrate on academics, and physical and military training. All students who enter the preparatory school receive an automatic nomination to the U.S. Military Academy from the Secretary of the Army. Although the nomination does not guarantee acceptance to the USMA, prep school graduates do receive careful consideration.

To qualify for enrollment in the class beginning in 1985, applicants must be U.S. citizens who will not have reached the age of 21 before July 1985. Applicants may not be married or under financial obligation to support a child or children. There are also medical standards which must be met.

Officials in the Military Personnel office here say that even though the program has not been very popular at Redstone, it is an excellent way to become a commissioned officer. "Many qualified people may not be aware of this program," said Jean Manley, a military personnel clerk. "Most people are more familiar with other commissioning opportunities, such as Officer Candidate School and ROTC."

For more information about the school and application procedures, call the Military Personnel Office at 876-4252, or write to the Commandant, USMA Prep School, Fort Monmouth, NJ 07703-5509.

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Homes care for old soldiers, sailors

"Taking care of the troops" is more than just a slogan. Elderly retirees and disabled servicemembers are eligible to live in retirement homes operated by the federal government.

The U.S. Soldiers' and Airmen's Home is located in Washington, D.C.; the U.S. Naval Home is at Gulfport, Miss.

The beautiful setting in Washington provides residents with outstanding health care facilities, comfortable living arrangements, and activities.

Robert M. Brown, a retired Army staff sergeant, said he enjoys the home because "it allows me to live my golden years in proper pride and self-respect. I am not alone."

Others like it for recreation and companionship. Richard C. Boyd, a retired Army sergeant first class, said he's there because of "the fine facilities for meeting my health and recreational needs, and the continuing fellowship with men and women of similar background."

The Home's 385-bed hospital is for the exclusive use of residents. Geriatric care specialties include podiatry, dentistry, mental health, rheumatology, optometry, cardiology and neurology. There is also physical, occupational and recreational therapy.

The typical resident is a 67-year old male who served 20 years on active duty in enlisted status and has been living at the Home for nine years. However, the ages range from 40 to 100, although most are between 60 and 79. About 4 percent of the residents are female.

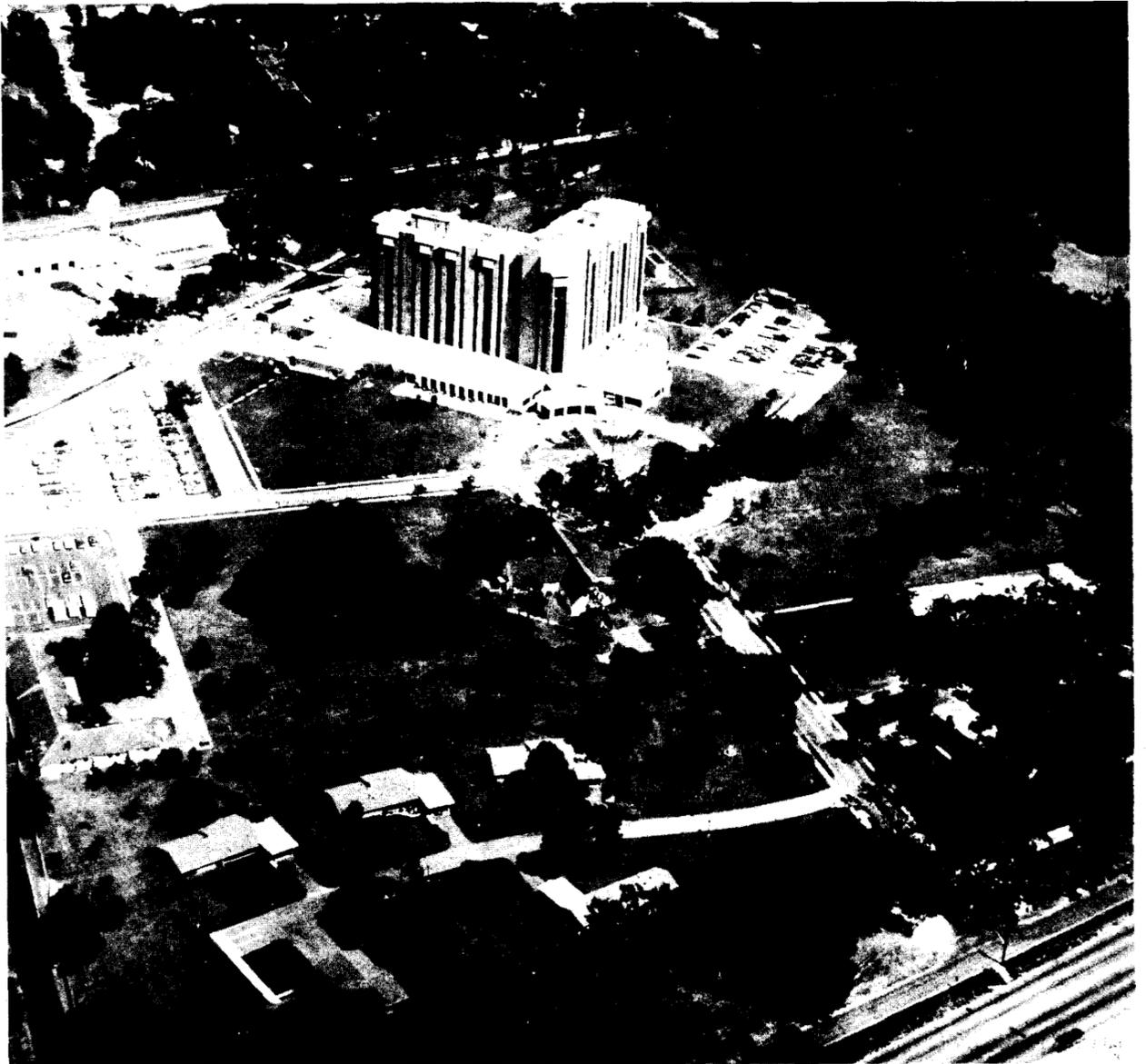
A spokesman for the Home explained that all regular, retired enlisted personnel and warrant officers with 20 years of honorable service are eligible for admittance as well as non-retired enlisted personnel and warrant officers unable to earn a living due to service-connected disabilities or who served during wartime and are unable to earn a living due to non-service connected disabilities. Currently, only about 12 percent are not retirees.

There are no age or income restrictions. However, anyone convicted of a felony during or after service is ineligible. An alcoholic must show proof of recovery and a deserter must show evidence of later good conduct.

Accommodations for the more than 2,000 residents include private rooms with a member manager on each floor to ensure resident welfare. Showers and bathrooms are shared.

Residents are charged 25 percent of their retired military pay and/or VA compensation. The average cost is \$229 a month. All other income is exempt. About 25 percent of the residents work at the facility or outside the Home.

No taxpayer money is used. The rest of the money to meet the facility's \$31.3 million annual operating



Dominating the 38-acre U.S. Naval Home is a modern, 11-story air-conditioned residency building with 600 rooms. Facilities on the main floor include a dining hall, library, theatre, bowling alley and Navy Exchange. It was built in 1976 when the Home established in 1833 in Philadelphia, Pa. closed.

budget comes from 50 cent monthly contributions made by active duty soldiers, airmen and warrant officers, and interest from a fund set up with these contributions, as well as from court-martial fines. In fiscal year 1983, these fines totaled \$23.7 million or 51 percent of the Home's total income of \$46.8 million.

In July, there were about 300 rooms available. However, because the hospital is filled, only those in fairly good health who are able to take care of themselves are being considered. There is no waiting list.

Unlike the Soldiers' and Airmen's Home, which is an independent federal agency, the U.S. Naval Home in Gulfport, Miss. is part of the Navy. It has an annual operating budget of \$5 million and is run by active duty Naval officers. There is no charge to residents. In July, there were 170 vacancies in the 600-resident facility. There is no waiting list for retirees. The average wait for non-retired veterans is 3 to 6 months.

All honorably discharged Navy and Marine Corps veterans, 65 years of age or older, who are unable to

(Continued next page)

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(Cont'd from Page 10)

earn a living, including commissioned officers, are eligible provided they are able to walk and are in fairly good health. Upon admission, they must be able to take care of themselves and their rooms. Coast Guard veterans who served during wartime as part of the Navy also are eligible.

Although the age requirement is 65, exceptions are made for disabled veterans. About 40 of the residents are disabled. Approximately 75 percent of the residents are retirees.

"Although we are primarily a retirement home, we take 29 non-retired veterans a year," a spokesman explained. Each application is reviewed separately. "We consider things like disability and whether a person was a POW," the spokesman added.

The 60 women at the facility make up 15 percent of the residents. Their average age is 81; the average for men is 78.

The 11-story residency building which dominates the 38-acre site on the Gulf of Mexico includes a dining hall, library, theatre, bowling alley and a Navy Exchange. There's also an outdoor swimming pool and a 60-bed health care facility.

Like the Soldiers' and Airmen's Home, convicted felons need not apply. Alcoholics must show proof of recovery.

For additional information and applications, contact: the Governor, U.S. Naval Home 01800 East Beach Blvd., Gulfport, Miss. 39501. Tel: (601) 896-3110.

To contact the Soldiers' and Airmen's Home, write or call the Secretary, Board of Commissioners, U.S. Soldiers' and Airmen's Home, Washington, D.C. 20317. Tel: (202) 722-3338.



Soldiers' and airmen's home was established by Congress in 1851 due largely to the efforts of Maj. Robert Anderson and Gen. Winfield Scott. These four hotel-size residency buildings house about 1,700 members. Accommodations include private rooms with windows, elevators and recreation rooms.

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'New direction' proposed for clubs

WASHINGTON — All commanders "must recognize and promote the club system's potential as a social focus for community and family activities." This was the thrust of a recent message to major commands from Army Chief of Staff Gen. John A. Wickham Jr. on his proposed "new direction" for the club system.

With its emphasis on drinking and eating, the system currently falls short of fulfilling that social role, he said. And with the Army's population reflecting the trends of the larger society, where alcohol consumption is declining, "the days that clubs could thrive on alcohol sales are numbered."

Wickham and his director of morale, welfare and recreation activities are exploring alternatives to the current system's structure. "More creative programs are needed that will attract our families and bring them together in a wholesome community environment," Wickham said.

Some proposals being considered include a membership physical fitness center with meeting rooms, restaurant, and banquet facilities; and building motel-type guest houses to serve as focal points for social activity (these also would contain restaurant, banquet and meeting facilities).

The chief of staff's evolving new direction for the club system takes its cue from an earlier Army-wide effort to upgrade quality through training and assistance in food preparation, service and promotion. (Arnews)



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Who you gonna call? Auburn's Bama-Busters

There's something strange, I can't explain, Who you gonna call? —From 'Ghostbusters' by Ray Parker Jr.
BY SKIP VAUGHN

This is Iron Bowl week in Alabama, when the Crimson Tide takes on archrival Auburn.

After high expectations Bama's Tide has had a miserable year. Coach Ray Perkins' team is 4-6 with no postseason bowl plans. It has been a struggle ever since running back Kerry Goode was lost to injury in the second half of the first game against Boston College.

The defense has done well at times, especially in a 6-0 win over Penn State. The offense, however, has been inconsistent.

Auburn's Tigers meanwhile have taken over the spot as the dominant football power in the state. A wealth of running backs are featured in a balanced wishbone offense while a tough defense has shut down the likes of Tennessee and Georgia.

The Tigers are 8-3 with a chance to go to the Sugar Bowl since the Southeastern Conference has decided to keep Florida home because of violations. Florida of course won the right to go as conference champ but faces penalties for past indiscretions.

This game then means as much to Auburn as it does to Alabama. And the Tigers have shown the most talent so far. So, who you gonna call? Auburn's *Bama-Busters!*

In other games Army faces Navy in the 85th gridiron meeting between the two oldest service academies. The annual classic began in 1890 after a detachment of midshipmen from Annapolis visited West Point on one of their yearly cruises. The subject of football came up. The Navy issued a challenge to Army that year and, when accepted by the Cadets, it marked the start of intercollegiate football at West Point as well as a keen rivalry between the two.

Navy had played football since 1882 while only one Army cadet, Dennis Mahan Michie, had ever played the sport before. He was given the job of organizing, managing and coaching a football team besides being the playing captain and trainer.

The historic game, which consisted of two 45 minute periods, was played on Nov. 29, 1890 on The Plain "before a pushing, shoving audience of nearly 500." Navy emerged from the physical tussle with a 24-0 vic-



tory. Just one year later the infant Army team defeated Navy 32-16.

So far the series record is Navy 40 wins, Army 37 with 7 ties. Last year Navy won 42-13.

Army has had a terrific 6-3-1 year. Wins have come over Colgate, Duke, Harvard, Penn, Air Force, and Montana. It tied Tennessee and lost to Rutgers, Syracuse and Boston College.

Navy is 4-5-1 but upset previously unbeaten South Carolina 38-21 on Nov. 17. Other wins have come against North Carolina, Lehigh and Princeton. It tied Pittsburgh and lost to Virginia, Arkansas, Air Force, Notre Dame, and Syracuse.

Early in the year Navy lost tailback Napoleon McCallum to injury but has recovered nicely. The Midshipmen need a win against Army to even their season record. The pick here is... Navy.

Last week's upsets resulted in an 8-9 record, bringing the season totals to 267-106-10 for 72 percent. Here are Skip's Picks for this weekend in major college football:

- Toledo at Temple (Nov. 30) — Temple by 7
- Alabama vs. Auburn — Auburn by 7
- Army vs. Navy — Navy by 3
- Florida at Florida State — Florida by 10
- Georgia Tech at Georgia — Georgia by 3
- Tennessee at Vanderbilt — Tenn. by 1
- Boston College at Holy Cross — BC by 21
- Iowa at Hawaii — Iowa by 7
- Rice at Houston — Houston by 7
- Southern Methodist at Nevada-Las Vegas — SMU by 13
- Texas A&M at Texas — Texas by 10

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 Down Home Dinner Hours: 11-9 Sun.-Thurs., 11-10 Fri. & Sat.

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Recreation Center

Tonight - Air hockey at 7 p.m. Thursday - Bingo at 8:30 p.m. Friday - Shuffleboard at 7 p.m. Saturday - Battleship at 2:30 p.m. Sunday - Doughnuts and coffee at 2:30 p.m. Monday-Trivia quiz and refreshments at 7 p.m. Tuesday - Pool at 7 p.m.

Warrant officers

The monthly meeting of the Redstone Arsenal Chapter of the U.S. Army Warrant Officer Association will be held Dec. 5 at 11 a.m. at the Officers Club Big Spring Lounge. All active, retired and reserve warrant officers, including non-members, are invited to attend. For information call WO 1 Edward Banville, 876-3447.

Christmas party

The Missile Logistics Center Christmas party will be held Dec. 7 at the Elks Club on Franklin Street. Social hour is from 7-8 p.m. followed by music until midnight. All MLC employees, spouses, guests and retirees are invited. For reservations call Glen Smith, 876-7397, John Dinges, 876-1336, or Teri McGinnis, 876-9104. For information call Glen Smith, 876-7397.

Advent season

An "intergenerational event" begins the Advent season at Bicentennial Chapel on Dec. 2. Protestants will meet from 9-10:15 and Catholics from 10:45-11:45 a.m. Participants will create symbols (ornaments) to hang on a Jesse tree.

Symphony concert

A Huntsville Symphony Orchestra concert featuring the New Swingle Singers as guest artists will be held Dec. 1 at 8:15 p.m. at Von Braun Civic Center. Christmas music and other selections will be featured. Tickets are available at the civic center box office, telephone 533-1953.

Five-mile race

The third annual, Fox Army Community Hospital five-mile race will be held Dec. 8. This road race starts at 10 a.m. at the Medical Company barracks, building 3433. It's free, and open to military and civilian personnel. Trophies will be awarded. Application forms should be available at the Post Exchange, the gym, building 5250 and the medical company. For more information call 876-4949/7407.

Tree lighting

The annual Christmas tree lighting ceremony is set for 5:30 to 7:30 p.m. Dec. 4 at the Officers Club. Maj. Gen. Jerry Max Bunyard is to light the tree. The Huntsville Concert Band will perform and the Officers Wives Club Chorale will make its singing debut. A Christmas Bazaar "Santa's Workshop," with handcrafted items by OWC members, is to be held from 5-8 p.m. in the Twickenham Room.

Senior citizens coffee

A coffee for senior citizens will be hosted by the Officers Wives Club on Dec. 11 at the Officers Club. The UAH Village Singers are to entertain. Also there will be clowns, a visit by Santa Claus and an old-fashioned sing along to conclude the festivities. All members are requested to be there at 9:30 a.m. Reservations are necessary: A-E, Gayle Moore 533-0226; F-L, Kathy Brodowski 830-5923; M-P, Ann Patterson 837-6579; and R-Z, Sharon Hagan 830-4739. Cancellations must be made by noon Dec. 7 to Sherry Richey 830-2729.

Christmas food baskets

The chapel staff offers a Christmas Food Basket program for needy military families. Workers and organizations can donate money and/or staple foods to this charitable cause. For more information call Chaplain (Maj.) Frank Turnbow 876-2409/5751.

Found property

The owner may identify and claim a boy's 10-speed Pacemaker bicycle, gold with chrome fenders, by contacting the Investigations Division in building 3649, telephone 876-2090/1369.

Carpool Hotline



Call 876-1500 to place your free carpool ad

NCO wives Christmas party

The NCO Wives Club will have its annual Christmas party on Dec. 8 at the NCO Club for members and their spouses and guests. A social is at 6:30 with dinner at 7 p.m. Reservations and cancellations should be made by Dec. 3 by calling Juanita Rocha, 830-2283, or Ruth Bachman, 536-6194.

Reserve center dedication Sunday

A new U.S. Army reserve center will be dedicated during a ceremony at the facility on Dec. 2 at 2 p.m. The new center occupies a 9.6-acre site on Patton Road approximately one mile north of Redstone Arsenal's Gate 8.

1st Lt. Larry McCullough, facility manager, said the 30,000 square-foot complex is referred to as a 600-man center. That means it will accommodate a total of 600 troops per month. A maximum of about 300 people can utilize the buildings at one time.

McCullough said that seven different units, previously based at separate locations, will use the center. "It's a good thing," he said. "It will be easier for us to coordinate things. If we need to borrow something from another unit, we don't have to call and go across town to get it. They're right next door."

The \$2.5 million facility is comprised of two main buildings - one with classrooms and office space, and another for maintenance and motor pool use. McCullough said the design for the center will be a model for future Army reserve centers. "This is what you'll be seeing from now on, as they retire the older centers," he said. He estimated that only about one center is built per year in the Southeast.

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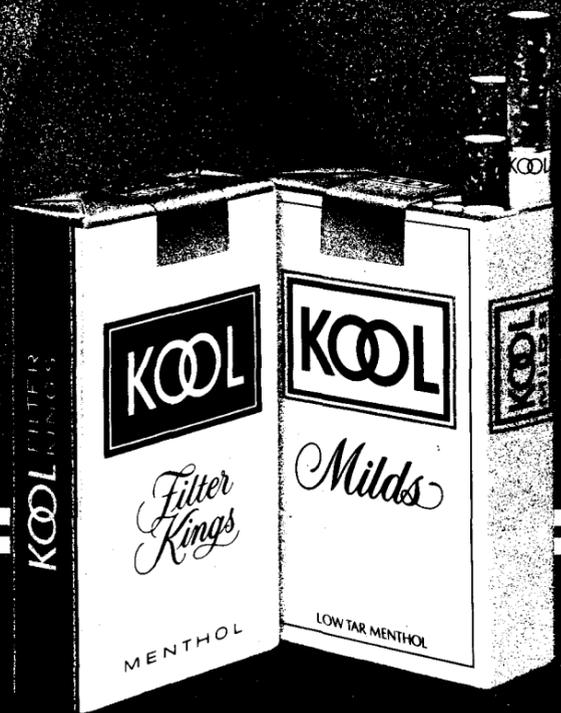
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Youth soccer teams here compete in tournaments

Twelve teams from Redstone Arsenal participated in post-season youth soccer tournaments.

Many came away as winners but, as Region Commissioner Tom Torbert says, "a measure of our success is how many children participate and do they have fun."

The four teams that were Redstone age division champs went to Montgomery for the American Youth Soccer Organization (AYSO) Area 5C tournament Nov. 10-11. Winners in that tournament included the under-12 Panthers, coached by Clay Harris; the under-14 Rowdies, coached by Bob Freed; and the under-19 Blasts, coached by Tom Simcox. The under-10 Scorpions, coached by Archie Emanuel, placed third.

"In that tournament we competed against teams from Huntsville, Cullman, Montgomery, Maxwell Air

Force Base, and Centerville, Tenn.," says Torbert. "That tournament was held at Maxwell Air Force Base."

Redstone was also represented by four teams in the Alabama Parks and Recreation Tournament. Two of these, an under-14 all star team coached by Bob Freed and an under-17 all star team coached by Tom Simcox, won at the district level and qualified for the state level. Freed's team won the state title.

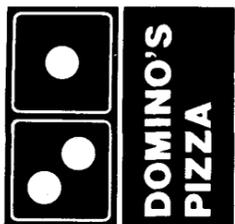
A select team of under 12-year-olds, coached by Clay Harris, participated in the United States Youth Soccer Association tournament held in Montgomery, Nov. 16-17. It lost in the quarterfinal round.

Three teams from Redstone took part in a Huntsville YMCA tournament Nov. 10-11. They included the under-10 Sharks, coached by Vic Garver;

the under-12 Strikers, coached by Bruce Bennett; and the under-14 Bandits, coached by Mike Diciacca. The Bandits placed second.

This year 259 children participated in the AYSO Region 388 soccer program here. In addition there were about 85 volunteers. "We have a good solid program and it's because of those volunteers," Torbert says. The spring season will run from March to April with registration to begin in February. The program is always in need of coaches, team mothers, and referees, Torbert says. Training is provided.

"We're affiliated with the American Youth Soccer Organization. The philosophy of that organization is everyone plays and we emphasize balanced teams," says Torbert. "Our sole purpose in being involved in this program is to make sure the children have fun."



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Hypothermia: Cold, wetness and wind can kill you

It's one of the deadliest dangers of the outdoors. It kills 50 percent of its victims. It's hypothermia—a lowering of the body's inner core temperature.

Its three main ingredients? Cold, wetness and wind. But the weather doesn't have to be extremely cold. Getting wet at 40 degrees in a 20-mile wind can be fatal. And the wetness can come simply from perspiring.



Shivering is the first symptom. It is nature's warning signal and it's also a defense because it produces body heat. But it consumes energy and leads to exhaustion. As body temperature drops, shivering becomes violent and uncontrollable. Speech becomes slurred and amnesia may occur.

If cooling isn't halted, muscle stiffness replaces shivering, motor control is lost and pulse and respiration slow. Then comes unconsciousness and finally—when body temperature reaches 78 degrees or less—death.

Anyone can be a victim, but prime candidates are skiers, snowshoers, ice fishermen, snowmobilers, mountain climbers, backpackers and winter campers.

Conditions need not be wintry. Hypothermia can strike when air temperature is above freezing. The best prevention is common sense. For instance, don't tackle a climb or strenuous trip unless you're up to it physically.

Exhaustion is step No. 1 toward tragedy. If someone in the group appears to be tiring, turn back or seek immediate shelter and rest. Wear several thin layers of clothing—preferably of wool—rather than a single heavy jacket. Even when wet, wool retains body warmth. No other fabric does. Cottons and synthetics, especially when wet, act as wicks, rapidly feeding the body's warmth into the outer air.

Peel down when you're active to avoid excessive perspiration. When you pause for lunch or to rest, put the layers back on as needed. More than 50 percent of your body's heat production can escape via your head. So wear wool headgear that covers your ears and neck—a hunting cap, for example. "When your feet are cold, put on a hat" makes sense. Carry a windproof parka and rain gear.

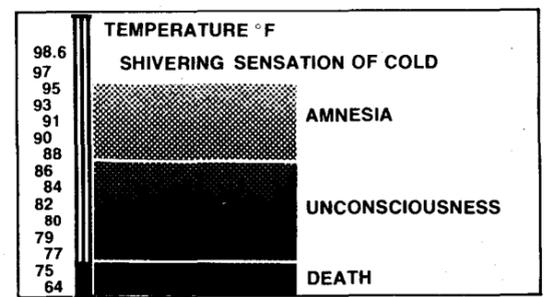
Eat heartily before starting, and snack often. To produce energy and heat, the body needs food. Sweets are best for quick results because carbohydrates convert most quickly to energy. For staying power and prolonged heat production, proteins and fats are most efficient.

The greatest danger is getting wet, either through

rain, perspiration or immersion. According to one expert, the thermal conductivity of water or ice is 240 times as great as that of still air. In other words, anyone who risks breaking through thin ice might just as well leave a suicide note pinned to the nearest tree.

However, providing knowledgeable help is at hand, the victim has a chance of survival. Ideally, he should be dunked in a 110-degree bath, an unlikely convenience. So what do you do? Peel off his clothing. Cut it. Tear it. Work fast. Seconds count. Get dry clothing on the victim, each member of the group contributing one or more items. If he can walk, keep the victim moving and ply him with hot coffee, tea or soup, but no alcohol. Alcohol will cause cold surface blood to penetrate deeper into the body, further cooling the core.

With a sleeping bag at hand, survival chances are enhanced. If it's large enough, place the victim in it with a second person, both stripped down. In this case, clothing will hamper the transfer of warmth. Should the bag be too small, prewarm it. A cold sleeping bag is useless. Even without a sleeping bag, there is still a chance. Three or four persons can embrace the victim, thinly clothed in this instance, virtually smothering him with human warmth. The most important point is to plan your outdoor activity during winter months. While there's no reason to hibernate, too much winter can kill. (TRADOC News Release)



Successful winter driving depends on car care

Winter, that dreaded monster and foe of all moving vehicles, will soon be upon us. Planning ahead and being well informed will help you and your vehicle survive to greet spring.

Successful navigation in wintry conditions begins before you ever turn the key in the ignition. It starts with a car that is equipped for the weather.

The most important part of your winter driving equipment is your tires. Tires are your only connection to the road, and the amount of tread they have may decide whether or not you keep that connection. In winter you need all the traction you can get. You can't rely on the standard tires to do the job. Snow tires have a deeper, stronger tread for biting into snow to get you moving, get you stopped and for turning more easily and safely.

Clear vision is another high priority. Make sure the windshield wiper blades are in good condition and that

the reservoir for windshield-washer fluid is filled.

Breakdowns at any time are inconvenient and annoying, but during winter they can also be deadly. Some extra carry-on baggage kept in your vehicle can see to it that you're back on the road as soon as possible.

In the passenger compartment of the car keep a plastic ice scraper, a brush for sweeping off the snow, a flashlight with fresh batteries, a good first-aid kit and a blanket for warmth in case you have to wait a while for help.

In the trunk, carry a small shovel, a small amount of something for traction (sand, rock salt, and kitty litter all work well), and a tool kit that includes a good assortment of screwdrivers and wrenches along with a pair of pliers. Some silver duct tape and medium-gauge wire will help with temporary repairs in emergencies. Also carry a few spare bulbs and fuses.

If you live in an area where snow is a problem,

you'll also want to have a set of chains in your trunk. Chains are probably your greatest weapon in maintaining control during hazardous driving conditions. Remember that chains go on the drive wheels, so while it may look funny, on a front-wheel-drive the chains go on the front.

No matter how great your tires are, speed is your biggest enemy when driving in winter. The faster you move the car, the more likely you are to lose control. Start out slowly and gradually give the tires a chance to get whatever traction is possible. Once you're actually moving, speed is still your enemy. Under hazardous conditions everything you do will take more time and space to accomplish. If you are unsure whether the road surface is covered with ice, pump your brakes—slowly, to avoid locking your wheels—to determine road conditions.

If you should start to skid, take corrective action. Most skids are of the rear-wheel variety and can be handled by easing off the accelerator and turning the wheel in the direction of the skid. (That's the same direction that the rear of the car is going.) Steer smoothly and carefully. When the car begins to straighten out, turn the wheel back to straight ahead. Be careful not to oversteer, because that might cause a skid in the other direction. Don't use the brakes unless it is necessary and then just pump them lightly.

If your car has front-wheel drive, steer in the same manner, but touch the accelerator just enough to keep the front wheels pulling the rear ones, or take the car out of gear.

The odds are that anyone who drives in snowy weather over prolonged periods of time will eventually get stuck. Should that happen to you, don't get mad. Instead, try rocking your car. Shift from forward to reverse, each time giving a little pressure on the accelerator until the car gets going. If that doesn't work, go for the shovel and traction agent (salt, sand or kitty litter) that you've got in the trunk.

Dig the snow out from around the wheels and spread a little of your traction agent around. Then try rocking the car again and carefully move out. Don't forget, on front wheel-drives, it's the front wheels that need to be freed.

The winter monster may be unavoidable, but there is no reason to be swallowed up in his wake. A little prior planning and preventive action is all the defense you'll need. (TRADOC News release)



British have a special day in November too

Americans celebrate Veterans Day and Thanksgiving during November but for the small British community at Redstone Arsenal it also is the month of Guy Fawkes Night.

Every year since 1606 there have been fireworks all over England on Nov. 5 and bonfires in which effigies of Guy Fawkes are burnt, according to Maj. Richard Platt, British exchange officer at the Ordnance Missile and Munition Center and School.

Platt and other members of the British community here observed this homeland tradition by staging their own Guy Fawkes Night in Platt's back yard.

He got permission to build a bonfire behind his quarters on Simpson Drive and burned a small "Guy" at the stake, to the amusement of his neighbors and British children present.

Platt said that Fawkes was tortured and then executed in 17th century after leading an attempt to restore Roman Catholic rule to England. He and his co-conspirators devised to do this by blowing up the Protestant king and Parliament.

Fawkes rented a cellar beneath the House of Lords and filled it with barrels of gunpowder and bundles of

brush wood and was set to torch it when Parliament opened Nov. 5.

But the king got wind of the plot and ordered a squad of soldiers to search the cellar on the eve of the state opening. There they found Guy Fawkes guarding his gunpowder and waiting for the morning to blow the place into oblivion. He fought fiercely and tried to light the powder but was overpowered, taken to the Tower of London and put on a torture rack but refused to name other conspirators.

They eventually were all rounded up and executed with Fawkes early in 1606.

For the traditional Guy Fawkes Night celebration in England, Platt said, children make up an effigy "Guy" a couple of weeks before and carry him around the neighborhood asking for "a penny for the guy" and chanting rhymes like:

"Please to remember
The fifth of November
Gunpowder, Treason and plot

We know no reason
Why Gunpowder treason
Should ever be forgot."

Any money collected is used to buy fireworks.
"If you read the British press during a general election you will often see satirical cartoons with the caption, "Come back Guy Fawkes, all is forgiven!", Platt joked.



Some of the friends of Guy Fawkes in his plot



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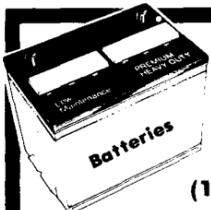
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SM 5019 Organization & Mgmt of Marketing	14 Jan 85	25 Mar 85	Mon
SM 5021 Business Law	14 Jan 85	25 Mar 85	Mon
SM 5064 Cost & Economic Analysis	14 Jan 85	25 Mar 85	Mon
SM 5106 Organizational Communication	14 Jan 85	25 Mar 85	Mon
CM 5012 Procurement & Contract Mgmt & Admin II	14 Jan 85	25 Mar 85	Mon
SM 5018 Policy Formulation	15 Jan 85	26 Mar 85	Tues
SM 5024 Management of Production	15 Jan 85	26 Mar 85	Tues
SM 5026 Computer Applications for Managers	15 Jan 85	26 Mar 85	Tues
CM 5031 Procurement—The Legal Concepts	15 Jan 85	26 Mar 85	Tues
M 5101 Mathematics for Management	15 Jan 85	26 Mar 85	Tues
SM 5000 Financial Accounting	16 Jan 85	27 Mar 85	Wed
SM 5013 Behavioral Science & Management	16 Jan 85	27 Mar 85	Wed
SM 5032 Personnel Mgmt. & Industrial Relations	16 Jan 85	27 Mar 85	Wed
CM 5018 Contract Negotiations & Incentive Contr.	16 Jan 85	27 Mar 85	Wed
OR 5104 Operations Research Computer Techniques	16 Jan 85	27 Mar 85	Wed
SM 5002 Financial Management & Control	17 Jan 85	28 Mar 85	Thur
SM 5005 Economic Environment of Management II	17 Jan 85	28 Mar 85	Thur
SM 5006 Managerial Statistics I	17 Jan 85	28 Mar 85	Thur
SM 5027 Mgmt & Develop of Computer Software	17 Jan 85	28 Mar 85	Thur
SM 5062 Logistics Policy	17 Jan 85	28 Mar 85	Thur
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Agency created for family support

WASHINGTON — A new agency, the U.S. Army Community and Family Support Center, has been formed to better serve the needs of the Army family.

With activation scheduled for Nov. 30, the Army's newest field operating agency's development was a result of the action plan and initiatives outlines in the Army family white paper.

The center will plan, develop and operate systems and programs to improve community activities and the families' quality of life. The center will be located in the Hoffman complex in Alexandria, Va.

Current functions of, and personnel working in, the morale, welfare and recreation and community life programs within the adjutant general, the military personnel center and other personnel directorates will transfer to the single agency that will operate directly under the deputy chief of staff for personnel. It will be

commanded by Maj. Gen. Robert M. Joyce, the current adjutant general.

As a milestone in this "year of the Army family," the new agency will improve the Army's efforts to support families in community life management and allow Army headquarters to increase support to field commanders through advanced technology in administrative management. And by removing the community life responsibilities from the adjutant general, the adjutant general will be reaffirmed as the administrative arm of the Army.

Brig. Gen. Donald J. Delandro, the current deputy adjutant general will become the adjutant general on Nov. 30 and will be responsible for administrative systems management, the armed forces courier service, the military postal service agency, the Army's physical disability agency and the reserve component's personnel and administration center. (Arnews)

Army commissaries' sales worth \$1.59 billion

FORT LEE, Va. — Army commissaries had gross sales of \$1.59 billion in fiscal year 1984, an increase of more than \$36 million (2.3 percent) over FY 83 sales, according to officials at the U.S. Army Troop Support Agency.

Surcharge collected from these sales amounted to \$78.1 million. Surcharge is the five percent fee added to a customer's total purchase after coupon discounts have been deducted from the bill.

Surcharge collections pay for new construction; improvements to existing commissaries; utilities supplies and equipment but not employee salaries.

The Defense Appropriations Act requires commissaries to make enough money to reimburse the government for specific operating costs. Commissary merchandise is sold at cost, so a surcharge must be assessed on each sale to meet provisions of the act.

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