

Redstone Rocket

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Program tries to cut red tape in functional areas

MICOM is among the participants in a pilot program aimed at cutting red tape that has been known to clog government logistics.

The three-year test program is called the Army Materiel Command Logistics Excellence Program. It encourages proposals to improve anything that falls in the functional areas of supply, maintenance, transportation, services and facilities.

"Its purpose is to improve command logistics management by granting waivers for proposed changes to logistics policies, guidance or procedures that will save time and money or enhance logistics services," said Ruby Massey, a supply systems analyst in logistics services division, RASA.

An individual— whether he or she is civilian, military or contractor — can submit an idea to im-

prove a logistics function. The proposal goes on to an approving authority which has five days to either approve or disapprove it. The idea can be for waiver of a regulation that is seen as creating a roadblock or it might be for reorganizing for a better way to conduct business; it could be for eliminating something or creating something.

"It's a way of cutting red tape in order for you to do your job better," said Casey Harbaugh, deputy chief of logistics services division.

"The ALEP proposals cannot conflict with union agreement or cannot cause you to have additional resources, manpower, or funds," Harbaugh said. In other words, the idea is to cut cost and time by finding a better way to do something.

The program was initiated last year by Gen. Richard

Thompson, commander of Army Materiel Command.

"ALEP is just getting under way at MICOM," Massey said. "Each directorate is setting up an ALEP control officer who will monitor, report on and speed up all ALEP actions."

So far, six proposals have been submitted here. One has been approved. This was a proposal to better utilize excess property in lieu of new procurement.

The logistics excellence program can "result in manhour savings, dollar savings, increased productivity, and improved methods of performing tasks," Massey said. "We need your support, everyone stands to gain from this."

Marvin Barber, chief of logistics services division, is the Missile Command's ALEP control officer. For more information on the program, call Massey 876-2571.

Black History Month activities here offer variety

Black History Month in February will be celebrated here with a variety of activities.

Plans include a gospel program, fashion show, variety show, and special prayer breakfast. All the events are open to the community, said SFC Jimmy Evans of the EEO office.

The first scheduled event is a Black History Month program for the weekly prayer breakfast at 6:30 a.m. Wednesday, Feb. 12 at the Post Chapel. Music is to be provided by Eugene Edwards with the Downing Sisters.

A gospel program will be held at 7 p.m. Saturday, Feb. 15 at the Bicentennial Chapel. "We've sent out invitations to all the different choirs and we're waiting on responses," said SFC Gary Hawthorne. "And what we're going to try to get is five to six choirs. Our master of ceremonies will be SFC Tommy C. Johnson."

The fashion show is set for 7 p.m. Feb. 22 at the NCO Club. Fashions are to be provided by the post exchange. Organizers welcome anyone interested in modeling or helping in any other way with the show, Evans said. Interested persons may want to call the PX at 883-6100.

A variety show is scheduled for 6 p.m. Monday, Feb. 24 at the Recreation Center. So far, people have signed up to do skits, a karate performance, singing, breakdancing and other modern dancing, poetry reading, and a magic act.

"We are looking for people who are interested in participating in the variety show," said Sgt. Marie Ellis, who can be reached at 876-6795. "Whatever talent they have, that's the kind of talent we're looking for."

At present, there are 17 members of a committee

planning activities for Black History Month. Subcommittee chairpersons include Sgt. Maj. Jesse Hawthorne, the gospel program; Dessie Johnson, the fashion show; Ellis, Lt. Anthony Archibald and SSgt. Maurice Slaughter, the variety show; and Al Hampton and Evans, publicity.

There is a chance that an event will be held in February in tribute to Dr. Martin Luther King, according to the EEO office. An annual memorial luncheon on post in his honor was not held in January because of a national holiday for King.

"Since it is a legal federal holiday that's going to be the third Monday of each year, of each January, it was determined by this office that possibly community participation, employee participation, would not be as great as it has been in past years," said Bonnie Kilgore of the EEO office. "So instead, we're in the planning stages of having a similar event during Black History Month."

Report confirms suspected Pershing mishap cause

WASHINGTON — The final report of the Pershing II accident investigation released last week confirmed preliminary findings that the accidental ignition of a first stage rocket motor that caused the death of three soldiers Jan. 11, 1985, had been caused by electrostatic discharge.

In a joint and simultaneous announcement of the findings Jan. 15, the Federal Ministry of Defense of the Federal Republic of Germany and the U.S. Army said: "The U.S. accident investigation board concluded the investigation...in December, 1985. The investigation confirmed the findings of the preliminary report that the cause of the accident was electrostatic discharge. This conclusion has now been experimentally validated."

A MICOM technical team supporting the investigation conducted the experiments and tests during 1985 which produced the data that established the cause of the accident. Most of the tests were done at Redstone Arsenal.

German scientists from research institutes and federal agencies participated in a comprehensive exchange of information and experience during the course of the investigation.

Investigators determined that a recurrence of the circumstances that contributed to the accident is "very unlikely even without corrective actions taken," the joint statement said.

The Army moved immediately to make modifications to the Pershing II system to prevent buildup of electrostatic charge on the missile motor sections and also improved the grounding system to prevent the storage of ESD charges that might be induced. The modifications were tested and proven out in a full range of environments including cold weather.

The severe cold weather that had prevailed at Fort Redleg near Heilbronn where the accident occurred last year was cited in the preliminary report as a contributing factor to the accident. The investigators

Law could raise price of liquor here

A new law passed by Congress could result in a loss of profits for club systems throughout the military, according to a Redstone official.

"The current law is part of the FY '86 appropriations bill passed by Congress. A stipulation in the bill states that all beverages at (military installation) package stores must be purchased within that state. This will include the clubs, because we have a centralized warehouse," said Earnest Sands, assistant installation club manager.

In the past, the club system has bought about 75 percent of its liquor from out of state, mostly from distributors in Florida, Sands said. Most beer and wine

determined that the PII solid fuel became sensitive to ESD ignition in very cold temperatures.

Since the accident, all Pershing II hardware delivered to tactical units has had the modifications built in. Equipment that had been delivered before the accident is being modified on site in Germany.

The joint statement said full training and exercise activities outside military bases and road movements of missiles will be resumed when all modifications have been completed. Until then, exercises will be conducted with inert training devices.

already is purchased in-state. Having no restrictions on where liquor was purchased enabled the club system to shop for the best prices.

"In my opinion, this is a compromise to free enterprise. The Army talks about getting competitive bids. We can't do that any more. We're at the mercy of the state," Sands said.

It has been estimated that the law could result in a loss of \$20 million in profits in all branches of the military, he said.

"Currently we have a breakout of profits of 40 percent to the Morale and Welfare Fund, 30 percent to the

(See Liquor, cont'd on page 2)

Air defense program manager in office



Sign your letter

Letters will not be considered for publication in the Redstone Rocket unless they are signed and contain an address or phone number for the writer. Names are withheld on request but unsigned letters will not be used. Send letters to: The Redstone Rocket, AMSMI-IN.

Brig. Gen. William J. Fiorentino has assumed duties here as air defense program manager.

His office will manage and coordinate all air defense and related activities here — including Patriot, Hawk, Stinger, Roland, Chaparral/FAAR, and Air Defense Command and Control Systems —among all the government and industry team members.

The 50-year-old transplanted New Yorker comes here from a special assignment at Fort Leavenworth, Kan., where he directed a six-month study group on Army space initiatives.

Prior to that, he was deputy program manager of the Ballistic Missile Defense Program in Washington.

Fiorentino is no stranger to Army missile and rocket programs here where earlier he was project manager for both Pershing and the Joint Tactical Missile System, and was the command Inspector General from 1976-78. His air defense background also includes

stints with the Nike Ajax, Nike Zeus and Nike-X programs.

He is a graduate of Fordham University with a bachelor's degree in physics and holds a master's in engineering from the University of Alabama. His military schooling includes the Air War College, Army Command and General Staff College, Air Defense School basic course, Ordnance School advanced course, and Defense Weapon Systems management course.

He has served overseas tours on Kwajalein, Thailand and Vietnam.

Among military decorations, he holds the Distinguished Service Medal, Bronze Star, Meritorious Service Medal with oak leaf cluster, Joint Service Commendation Medal with two oak leaf clusters, and the Army Commendation Medal with oak leaf cluster.

Fiorentino is married to the former Judith Clippard of Charlotte, N.C.

'Pure' MLRS battalion increases firepower

The Army's VII Corps in Europe is displaying a new level of artillery firepower during annual REFORGER training as it participates using the first "pure" MLRS battalion ever fielded in Germany.

A "pure" battalion consists of three MLRS batteries, each with nine launchers. Fielding of this first one was completed by a MICOM team on Jan. 7, in time for the battalion to participate with VII Corps in REFORGER training underway in Germany during January and February.

"Taking part in REFORGER is allowing the corps commander to become familiar with the addition of all this firepower to his corps," explained Burk Robinette of the logistics and training division in MLRS Project Office.

"MLRS greatly increases the firepower the corps commander has. The increase in firepower is just tremendous," he remarked.

Robinette led a fielding team from MICOM that

went to Europe for a 30-day "wringing-out" period with the equipment before turning it over to VII Corps. Team members included Ronnie Thomas of Product Assurance, Brooks Gentle of Materiel Management, Harold Patton of Maintenance Engineering, John Steadman of MLRS project, and four contractor representatives.

Previously, MLRS has been fielded in Europe in composite battalions of two batteries of tube artillery and one battery of nine MLRS launchers.

Beginning in April, a second "pure" battalion will be fielded, with V Corps in USAREUR.

The Multiple Launch Rocket System provides sudden, massive firepower against targets that are too numerous for cannon artillery or exceed its range. Rockets can be fired individually or in ripples of up to 12. A terminally guided warhead is being developed for the system.



Liquor

(Cont'd from page 1)

Officers Club, and 30 percent to the NCO Club. It looks like our breakout of profits will be affected," he said, adding that the clubs must be financially solvent to operate.

He and Bob Brown, installation club manager, planned to meet with representatives from the Alabama Alcoholic Beverage Control Board last Friday to work out details of purchasing liquor from the state.

Sands wasn't sure exactly how much liquor prices might increase, nor how the "ripple effect" would affect drink prices in the clubs.

"We'll have to wait until Friday for the answer to that," he said.

Some civilian health claims require VA file number

People who are eligible for Champva (the Civilian Health and Medical Program of the Veterans Administration) need to take a little extra care when filing claims for VA cost-sharing of medical care.

Filling out the yellow Claim Form 500, which can be used for either Champus or Champva claims, isn't all that different whichever way you use it. However, when using the form to file a Champva claim, pay special attention to blocks 8 and 9.

In Block 8, be sure to write or type in whatever number appears on your sponsor's Champva card. It may be his or her Social Security number, or a different number, depending on how the file was originally set up by the VA.

In Block 9, insert the VA station number shown on your VA identification card.

Then, in Block 11, be sure to check the small "VA" box.

Otherwise, fill out the form as you normally would. Champva claims should be sent to the same claims processors who handle Champus claims. Send the claim to the processor for the state you received care in, regardless of where you live.

For more information on Champva, contact your local Veterans Administration office.

THE REDSTONE ROCKET

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



SMILE — Officers of the Student Movement to Improve a Littered Environment at Ridgecrest Elementary School present a certificate of appreciation to Ron Dismuke, Bowling Center manager. Dismuke helped to establish a collection point for aluminum cans, bottles and newspapers. Funds raised from recycling the materials will be used to buy a computer for the school. From left are: Katrina Davis, Chris Burks, Jason McGlothlin, Stacey Ogle, Dismuke, Kristen Harville, and Brandie Sulcer.

'Real happy'

Family finds old farm house to their liking

BY ED PETERS

Their water is dingy, their heat erratic, the phone has a loud hum, and they've found snake skins in the basement but the family occupying the Harris House on Buxton Road seems content nonetheless.

"We're real happy with it so far," said SFC James Garman, whose family moved into the old farm house Jan. 6.

The family was so anxious to live in the early 19th century structure that they decided to move in while renovations are still underway despite the inconveniences.

Vacant since 1984, the house had burst pipes and the Garmans are experiencing interruptions to their water and heat while plumbing repairs are being made. The water pipes are full of rust and scale and "there's still a lot of dirty water coming out," the sergeant remarked.

Last week Garman was scouting around for electric heaters for the family to use while their oil-fired furnace is being replaced by central heating and air conditioning.

The house is being modernized for continued use as a military residence and soon will have "all the benefits of government quarters," according to Garman.

Its future had been uncertain for about 18 months while Housing Management Division mulled whether it was worth fixing up.

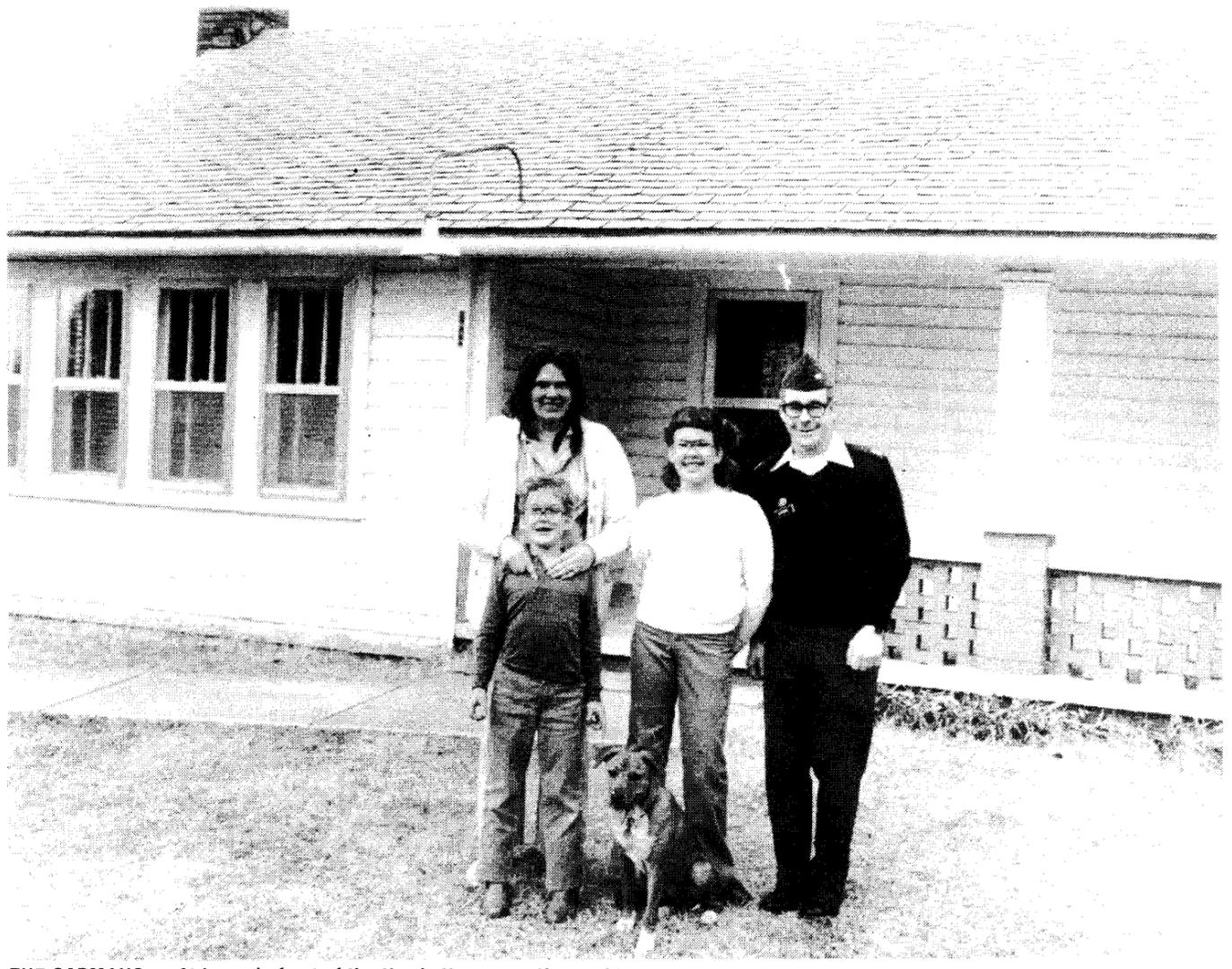
Its size and location didn't lend it to any other use and, were it no longer used as a residence, the house likely would have been torn down or moved off the arsenal from the spot it has occupied since the pre-Civil War era.

The house has been used as a military residence ever since the Army bought it from the owners in 1941 and has been a much-sought-after place to live by those valuing privacy over convenience.

Garman, NCO in charge of Information Systems Command's telecommunications center in building 5250, said he "had to talk to a lot of people" before getting permission to move his family into the house before it was fixed up. "I think the big thing was that we were willing to take it like it was and put up with the inconveniences.

"We had to sign a statement saying that we accept it as it is and will not come back later saying we were given substandard quarters. We knew there were going to be a lot of problems that would crop up and a lot of work before we could sit back and relax."

"My wife loves it down there," he continued. "We're both basically from a rural background and the fact that it was old and historical



THE GARMANS — At home in front of the Harris House are (from left) Judy with son Daniel, daughter Nicole, and SFC James Garman. Their dog Pepper poses in foreground.

intrigued us," Garman said, explaining the attraction of the house to his family.

Garman says the family likes the privacy and rural setting, plus the house is much roomier than their former residence on Lance Court. Their children, Nicole, 12, and seven-year-old Daniel, don't get to spend as much time with playmates but are adjusting well and their home is convenient to the Tennessee River

recreation area and playground.

Being 11 miles distant from the post shopping area is an inconvenience, Garman said, and they are unable to get cable television like other arsenal residents.

Only one school bus comes to their home, which means Daniel has to ride the bus with his sister to Westlawn and stay aboard while it returns to the arsenal to pick up passengers for Ridgecrest Elementary

where he attends. "My son spends a lot of time riding the bus mornings and afternoon," Garman commented.

The Harris House, named for the family the Army bought it from when the arsenal was established, has been dated to the early 1800s by its axe-hewn floor joists, handmade brick, sash-sawed wall studs and other features. Of only three structures left here from pre-Army days, the Harris House is probably the most valuable historically because it has not been altered significantly.

Intercept program has fourth flight test

ARLINGTON, Va. — Detailed analysis was being performed on telemetry data from the fourth flight experiment in the Small Radar Homing Intercept Technology (SRHIT) program.

The flight test took place Jan. 10 at White Sands Missile Range, N.M. It was conducted by the Army under the auspices of the Strategic Defense Initiative Organization, Department of Defense.

Preliminary results indicate that the experimental flight vehicle, guided by a built-in active radar, successfully homed on and came within a predicted accuracy of a stationary target within the atmosphere.

The target, an aluminum sphere 44 inches in diameter, was suspended 3,000 feet below a large

helium-filled balloon positioned at 15,000 feet altitude. The 12-foot-long SRHIT flight vehicle was launched in a guided trajectory, reached hypersonic velocity, and homed on the target with its built-in radar system.

The overall objective of the SRHIT technology validation program is to determine the inflight characteristics of a highly maneuverable, radar homing, nonnuclear flight vehicle operating within the atmosphere. Proof-of-principle flights against moving targets are included in subsequent missions.

Vought Corporation of Dallas, Texas, is the prime contractor of the program.



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Soldiers can get credit for military job experience

BY SKIP VAUGHN

The Army has a program that gives soldiers a head start toward a civilian career.

It's called the Army Apprenticeship Program. Two soldiers here were scheduled to receive their completion certificates in a ceremony this week at the Education Center.

"The apprenticeship program is a skill recognition program that enables the soldier to document his hands-on experience on-the-job as an apprentice," said Tressie Stout, an education specialist at the center.

"And once he has completed the required hours for the apprenticeship program then he receives a journeyman's certificate."

On-the-job training is required for soldiers who want to participate in the program. It takes on the average from two to five years to complete an apprenticeship. "And for soldiers who are unable to complete their apprenticeship program while on active duty, they can continue in that program once they become civilians," Stout said. "And this department (the apprenticeship program department) will issue them a partial letter of completion."

In order to enroll, the soldier has to be in a qualified specialty and doing on-the-job training in that specialty. The soldier must log in his or her hours on a monthly log sheet and turn it in either quarterly or monthly. A soldier can get credit for up to 50 percent of previous military work experience.

"The ultimate goal of the soldier is to earn that journeyman's certificate," Stout said. "This journeyman's certificate will make him that much more marketable in applying for work as a civilian."

About 175 military occupational specialties are listed with the Department of Labor, the agency that issues the certificates of completion of apprenticeship. "We have a total of 124 soldiers who are participating (in Redstone's apprenticeship program)," Stout said.

Two soldiers here, SFC David Carter and SSgt. Charles Chizek, were scheduled to receive their certificates Jan. 21.



REPAIRER — SFC David Carter was certified as a journeyman electrical instrument repairer.

Carter was certified as an electrical instrument repairer upon completion of 7,000 hours of work. He works with the Lance system in land combat department of the Ordnance Missile and Munitions Center and School. From May 1981 until about three months ago, he was an instructor with the land combat support system.

"I feel it (the journeyman's certificate) gives you a slight edge when you get out," Carter said. "And it'll help you with your job which you'll be qualified to do on the outside. It might get you in the door."

He plans to become a master sergeant or first sergeant, and go to

college. Carter has 14 years of service. He was drafted in 1968, got out in 1970, reentered the service in 1973 and has been in ever since.

Carter, 37, is from Racine, Wis. His mother, Mickey Carter, is a nurse's aide in Rhinelander, Wis. His brother, Ron, lives in Racine.

"I think it's a great idea, good for the young troops," he said, referring to the apprenticeship program. "It'll help them once they get out of the military."

Chizek was certified as an electronic technician. He is a senior instructor in special ammo division of the OMMCS munitions department. Before coming to Redstone, Chizek served a tour in Germany from

1981-84. He was a quality assurance inspector and was in charge of the calibration section with 9th Ordnance Company.

Chizek started on the apprenticeship program in 1979 but stopped for about a year. His specialty at the time, nuclear weapons electronics, did not enable him to complete the requirements for the apprenticeship.

"They were asking for on-site hours — to go to an actual battery to do the repair work and we never did that," he said. He was promoted into another specialty, nuclear weapons maintenance, in 1981 and reentered the apprenticeship program.

In his five years on the program, Chizek was certified for 6,000 hours. The completion certificate "is going to give me an advantage when I retire and get out in the workforce, so to speak, because I've already been established as a journeyman," he said. "That should give me a fighting edge, plus I have an associate's degree in electronic technology."

The accounting field in another option he has once his military career is over. Chizek is working toward a bachelor's degree in accounting by attending classes on post at night with Calhoun Community College.

Chizek, 29, is from Cleveland, Ohio. He joined the Army in September 1974. He and his wife Mal Suk, whom he met in Korea, have two sons. Charles Jr. is 8 and Karel, 5.

"I think it's a good program," Chizek said, referring to the apprenticeship program. "It's long and intensive. And I think those that receive the certificates, *earn* the certificates. To attain the amount of hours, it's a long and tedious process. I felt myself at times getting frustrated, it seemed like you'd never get the hours. But you just have to wait it out."



TECHNICIAN — SSgt. Charles Chizek was certified as a journeyman electronic technician.

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11-504 MICROELECTRONIC SYSTEMS Sat. 8:00-12:00 noon
An introduction to digital and analog integrated circuits and systems. Background: basic knowledge of electrical circuits. Instructor: Raymond C. Watson, Jr., Ph.D.; Southeastern Institute of Technology.

11-627 ELECTRONIC SYSTEM DESIGN TT 4:30-6:40 p.m.
A study of standard designs, noise reduction, cooling and packaging, reliability, and hardening for electronic systems. Background: good knowledge of electronics. Instructor: J. B. White, Ph.D.; General Electric Corporation.

11-672 ADVANCED RADAR SYSTEMS II MW 4:30-6:40 p.m.
A detailed study of advanced topics in radar systems. Background: basic knowledge of radar. Instructors: Stephen M. Gilbert, Ph.D.; Dynetics, Inc.; Larry D. Bennett, D.Sc.; U.S. Army Missile & Space Intelligence Center.

14-671 ADVANCED SOLID ROCKETS TT 4:30-6:40 p.m.
A detailed study of selected advanced topics in solid-propellant rockets. Background: basic knowledge of rocket propulsion. Instructor: Robert B. Kruse, Ph.D.; Morton-Thiokol Corporation.

17-301 COMPUTER PROGRAMMING MW 4:30-6:40 p.m.
An introduction to computer programming emphasizing Fortran. Lab hours arranged; lab fee \$25. Background: basic knowledge of college mathematics. Instructor: Marvin Polan, M.Sc.; Teledyne Brown Engineering.

17-512 SYSTEM SOFTWARE Sat. 8:00-12:00 noon
An examination of assemblers, loaders, macro processors, compilers, and operating systems. Background: good knowledge of programming. Instructor: Bobby C. Hodges, M.S.E.; NASA Marshall Space Flight Center.

17-625 SIMULATION METHODOLOGY MW 4:30-6:40 p.m.
An examination of programming for simulating discrete and continuous systems. Background: basic knowledge of programming and calculus. Instructor: Maurice M. Hallum, III; D.Sc.; U.S. Army Missile Command.

17-635 AUTOMATED REASONING TT 4:30-6:40 p.m.
A study of logic programming with applications in computer-based reasoning. Background: basic knowledge of artificial intelligence. Instructor: Robert R. Covelli, S.M.; John M. Cockerham & Associates.

17-662 ADVANCED DATA NETWORKS TT 6:50-9:00 p.m.
A detailed study of topics in advanced digital networking, including local-area networks. Background: basic knowledge of data networks. Instructor: William J. Barksdale, Ph.D.; South TEC Associates.

17-674 SOFTWARE ECONOMICS MW 4:30-6:40 p.m.
An examination of economic factors in advanced software systems. Background: knowledge of software development. Instructor: Mack W. Alford, M.A.; TRW Defense and Space Systems-Huntsville.

21-541 BEHAVIOR IN ORGANIZATIONS MW 4:30-6:40 p.m.
A study of the behavior of individuals and groups in the work environment. Background: basic knowledge of management; psychology desirable. Instructor: to be announced.

24-553 COST AND PRICE ANALYSIS TT 6:50-9:00 p.m.
A study of cost principles and pricing for government contracts. Background: basic knowledge of contracts; accounting desirable. Instructor: Earl Madden, M.S.; Nichols Research Corporation.

24-632 DECISION ACCOUNTING Sat. 8:00-12:00 noon
An examination of accounting information for managerial decision-making. Background: basic knowledge of accounting desirable. Instructor: Richard H. Shuford, Jr., D.B.A.; Business and Economics Consultant.

27-551 PRODUCTION AND OPERATIONS MW 6:50-9:00 p.m.
A study of the production process in manufacturing and service organizations, including control techniques. Background: basic knowledge of quantitative methods desirable. Instructor: James L. Saddler, M.S.S.M.; SCI Systems.

27-621 PROJECT/PROGRAM MANAGEMENT TT 6:50-9:00 p.m.
A detailed study of the management of large projects and programs emphasizing defense activities. Background: studies or experience in technical programs. Instructor: Henry F. Magill, M.S.E.; SAI Corporation.

31-541 ADVANCED ANALYSIS TECHNIQUES I MW 6:50-9:00 p.m.
A study of ordinary and partial differential equations, Laplace and Fourier methods, and special functions. Background: knowledge of calculus. Instructor: Raymond C. Watson, Jr., Ph.D.; Southeastern Institute of Technology.

31-617 APPLIED STOCHASTIC PROCESSES TT 4:30-6:40 p.m.
An intensive study of stochastic processes, emphasizing information applications. Background: knowledge of probability and random variables. Instructor: Mervin C. Budge, Ph.D.; Dynetics, Inc.

34-671 PARTICLE-BEAM SYSTEMS MW 6:50-9:00 p.m.
A study of the physics and applications of intense charged-particle beams, including the free-electron laser. Background: knowledge of electromagnetics. Instructor: Neil E. Chatterton, Ph.D.; Teledyne Brown Engineering.

90-601 COMMUNICATIONS AND RESEARCH *Tu 4:30-6:40 p.m.
A seminar on literature research and professional report writing for persons completing the master's degree. Background: 18 or more credits in graduate study. (*) Three meetings only.

SHORT-TERM COURSES

11-591 RADAR PRINCIPLES/SDI APPLICATIONS Feb. 10-14
Applications of modern radar theory to strategic system design. Primarily for engineers, technical managers, and system analysts involved in SDI-related projects. Instructor: Stephen M. Gilbert, Ph.D.; Dynetics, Inc. Fee: \$400. Hours: 8:00-12:00 noon

34-591 STEALTH TECHNOLOGY Apr. 14-18
Analysis of principles and techniques for optical, radar, and acoustic signature control. Suitable for engineers, physicists, and technical managers. Instructor: Peter D. Poulsen, D.Sc.; Consultant Specialists, Inc. Fee: \$400. Hours: 8:00-12:00 noon. Secret security clearance required.

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Student officers plan project to help community

BY SKIP VAUGHN

Some aging and homebound Huntsville residents will be spending Super Bowl weekend in warmer homes, thanks to a class of student officers here.

The 60 students of an Officer Basic Course at the Ordnance Missile and Munitions Center and School plan to winterize 40 homes on Saturday. They will split up into three-member teams with each team responsible for two homes, starting at 9:00 that morning.

"And the reason we're doing it is we've gotten something out of the Huntsville area and community, and we'd like to put something back into it. That's the general consensus," said 2nd Lt. Jeff Dunfee.

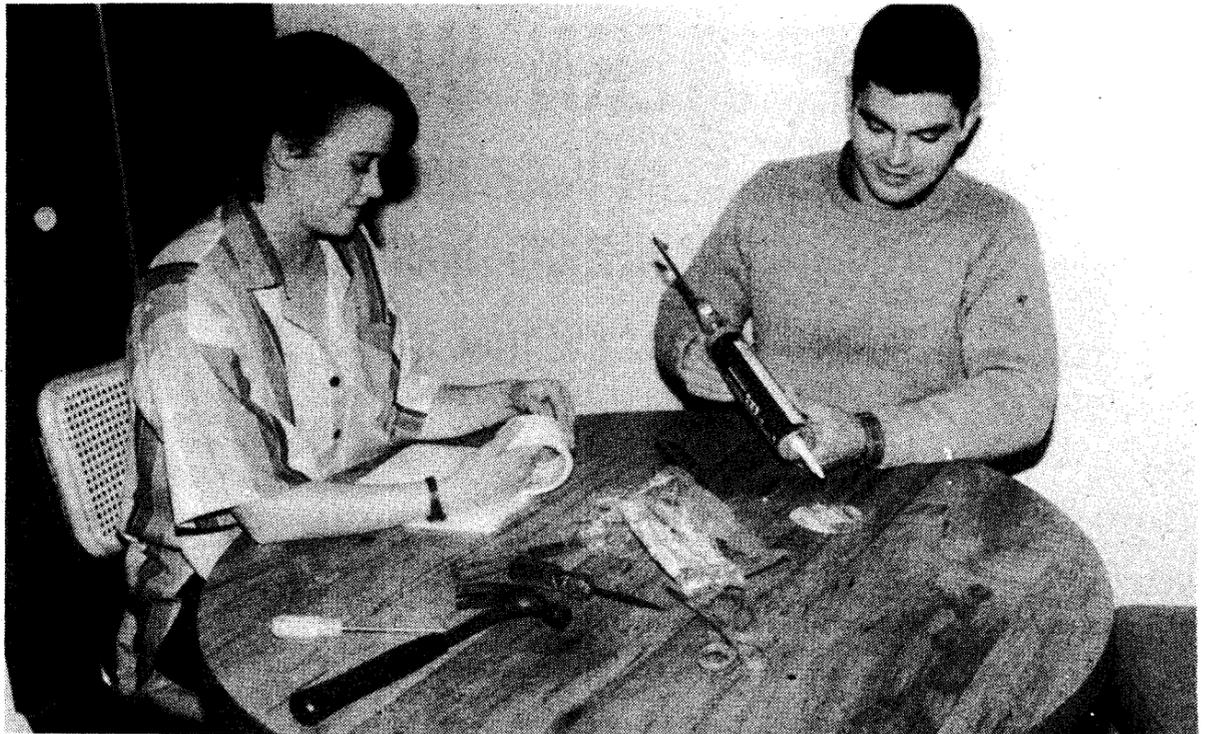
The students are first and second lieutenants who are studying either munitions material management or missile material management. They wanted to do a community project so Dunfee tried to find one in which all 60 students could pitch in. "It took dozens of phone calls," he said.

Mary Beth Engberg of the Voluntary Action Center suggested that he get in touch with Sally Estes of the Senior Center. There was a need for volunteers for the senior center's program called "Care Assurance System for the Aging and Homebound."

The senior center will provide the materials—the insulation, weatherstripping supplies, etc., Estes said. A local man, Peter Vandae, is to instruct the soldiers tonight in the chores they will be doing Saturday. The two local U-Haul centers, on Governors Drive and University Drive, will be supplying the tools, according to Dunfee.

"We're going to be caulking and weatherstripping and putting plastic over windows that are windy—no major carpentry work," Dunfee said.

The soldiers plan to meet on post at about 8:30 a.m. Saturday in civilian clothes and then go to their assign-



HELPERS — 2nd Lt. Christina Renner and 2nd Lt. Jeff Dunfee will be among the soldiers helping to winterize local homes on Saturday.

ed homes. "We'll do the work that day and have a party that night," Dunfee said.

He and the other students in the officer basic course arrived last Sept. 23 and will be here until Feb. 27, their graduation day. He believes having a community service project has become somewhat of a tradition for classes here.

"I think there will be a sense of satisfaction for everyone involved, knowing we have replaced something we have gotten out of the community—like the good will," said Dunfee, who is from Cincinnati. "Everyone has treated us so nice since we've been here."

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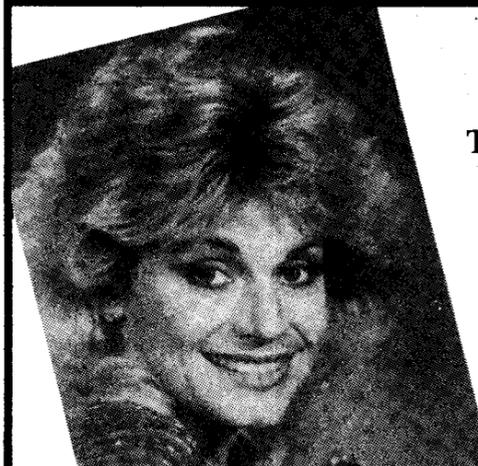
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Credit card an option in mail order buys

DALLAS — Customers ordering merchandise from the exchange mail order catalog have a new option — they can use credit cards.

With Mastercard and Visa approved for use in military exchanges, customers now have the added convenience of charging catalog purchases. New order forms allowing catalog customers to enter credit card information will soon be available. In the interim, customers can still use the old form to charge purchases simply by including the name of the card (Visa or Mastercard), the number, and the expiration date on the last line of the order form.

The catalog sales center in Dallas will charge the credit card account on receipt of the orders and ship the merchandise as before. Refunds of adjustments due will be sent directly to the customer — not processed as a credit to the charge card account.

The exchange mail order catalog comes in two editions — one for Conus customers and the other for those stationed overseas. Conus customers going TDY overseas have the privilege of ordering from the overseas edition 14 days before going TDY or 14 days after their return to Conus. (Arnews)

Commissaries donate leftover items

WASHINGTON — Army commissaries have been given the go-ahead to give unmarketable but edible groceries to installation service agencies and to the Health and Human Services' regional food bank program instead of throwing them out.

The fiscal year 1986 Department of Defense Authorization Act, signed in November, allows military commissaries to donate these food products. This means that Army commissaries can provide unmarketable, but edible groceries to such agencies as Army Community Service and the installation chapel

food programs or local food banks as designated by DOD or Health and Human Services.

The program isn't costing the government any money because the items would have been destroyed anyway.

Unmarketable foods are items such as cans with dents, boxes with the tops cut off but the inside packages undamaged, fruits and vegetables that are of unmarketable quality but edible, or items with expired shelf dates but still edible. (Arnews)

Crime laboratory wins accreditation

WASHINGTON — The U.S. Army Criminal Investigation Laboratory at Fort Gillem, Ga., recently received accreditation by the American Society of Crime Laboratory Directors, making it the first military laboratory to gain that distinction.

The facility, which provides assistance to all military and federal law enforcement agencies in the country, is the Army's only such laboratory in the continental United States.

"We are often called to the witness stand to testify on evidence analysis for a trial," said Lt. Col. William R. Pennington, laboratory commander. "A frequent question asked by the prosecutor is, 'is your lab accredited?'. Now we can say 'yes.'"

Accreditation is important because it enhances the credibility of the laboratory examiners who are called as expert witnesses in military, federal and state courts, Pennington said.

Laboratories opting for accreditation are evaluated by a team of experts for management, operations, facilities, personnel qualifications, safety programs and scientific procedures.

The Fort Gillem facility is the largest of three laboratories operated by the Criminal Investigation Command and is the training ground for new laboratory examiners. (Arnews)

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AT YOUR EXCHANGE

UAB seeks volunteers for blood pressure research

By Steve Hallam

Staff writer, University of Alabama at Birmingham

A physician assistant at the University of Alabama at Birmingham is finding that sometimes you can't give thousands of dollars worth of services away.

Throughout this year Jim Kitts, working with the division of general and preventive medicine at UAB, has been trying to find volunteers for a hypertension research program funded by the National Institute of Health. The division is in the Department of Medicine at the University of Alabama School of Medicine at UAB. The research program also involves the University of Mississippi Medical Center in Jackson and the Albert Einstein College of Medicine in New York.

A private patient could pay as much as \$2,500 for

the services, said Kitts, the clinical coordinator for the program. The cost would include the physical examination, electrocardiogram, laboratory analysis, medication, intensive nutritional counseling and more.

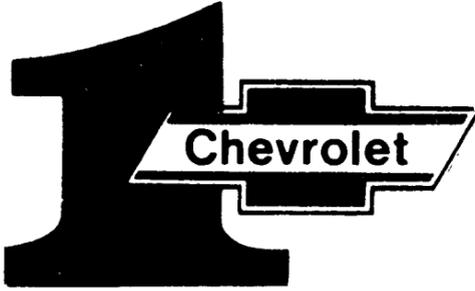
The objective of the research is to find the most effective way to treat mild high blood pressure. People with blood pressure readings between 90 and 100 diastolic (the lower number), mildly overweight and between 21 and 65 are being sought. People not eligible to participate in the program are those with diabetes on insulin, pregnant women, people with a heart disease or anyone taking more than two high blood pressure medications.

Of the nearly 2,000 people who have shown some interest, fewer than 100 have qualified for the research program. A total of 300 volunteers are needed.

There are other reasons why there are not more volunteers, according to Kitts. They may be hesitant about participating because they cannot choose in which of the three groups — weight loss, low sodium-high potassium or normal diet — they will be placed. Since it is a scientific study, volunteers are placed in the groups randomly.

Therapy in those groups involves medications for blood pressure control, a diuretic (water pill), a beta blocker or no medication. Volunteers in the two nutrition-alteration groups fill out daily nutritional intake records and attend weekly meetings during the 10-week duration of that phase of the program. Accommodations have been made for the working public; for example there are evening hours when volunteers can come to the meetings.

(See UAB, cont'd on page 12)






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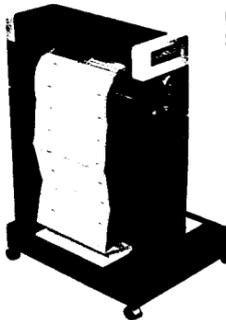
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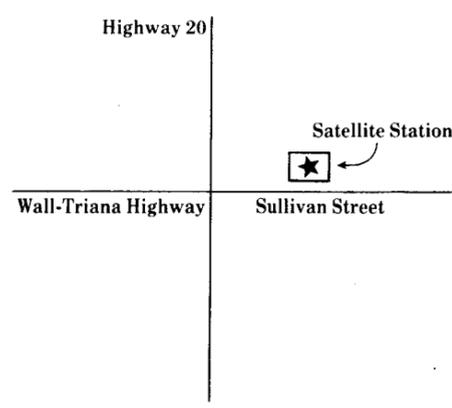
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Medical NCO course produces u

By Mary Storms

U.S. Army Academy of the Health Sciences, Fort Sam Houston, Texas

Sticking a tube down a patient's nose into his stomach isn't difficult, SSgt. Gregory Robinson told the 48 combat medics in front of him. Doing it painlessly — that's the tough part.

"There can be complications," Robinson warned the U.S. Army Academy of Health Sciences students. "You can damage the sinuses, or the tube can go into the lungs instead of the stomach." He completed the list of potential problems, then added some special advice.

"Be honest with the patient about what's coming," stressed the 28-year-old medical soldier. "It's not a comfortable procedure."

Robinson is an instructor and former student of the 16-week Medical Noncommissioned Officers Course at the academy on Fort Sam Houston, Texas. The 50 or more men and women he trains in each class represent a new breed of medics, commonly known by their military occupational specialty designation: 91B, or 91 bravo. Although the 91B Course formally began in 1983, only now are its graduates plying their craft throughout the Army.

"This course is designed to produce a soldier-medical who is well-trained in the first-line treatment of casualties, and who can function as a trainer and

leader," said Maj. Sharon Davis, chief of Branch 3, Combat Medical Specialist Division. Davis has been in charge of the Medical NCO Course since it began in early 1982.

The main mission of these medics is "to increase combat survivability by providing far-forward care," Davis explained.

"Today's combat medic NCO reflects doctrinal changes in the Army Medical Department and in supporting life on the battlefield," said Davis. The Army's combat medical plans put renewed emphasis on treating casualties at or near the front lines, then returning them to the fighting force as quickly as possible.

In a study published in the February 1984 issue of *Military Medicine*, Col. Ronald Bellamy cited figures showing "the majority of combat deaths occur on the battlefield before evacuation to medical treatment facilities takes place." The new 91B specialty is intended to reduce combat deaths by putting highly trained emergency-treatment NCOs near the action.

Before the Medical NCO Course began, combat medics were receiving no technical schooling after advanced individual training. In AIT they became medical specialists trained in basic emergency medicine. Today, the medical specialists (MOS 91A) still provide the first line of treatment on the battlefield as they literally work beside the combat soldier while he fights. However, with the advent of

the 91B course, the basic medic receives additional training to progress as a technician and as a soldier.

Emergency medical treatment

The 91Bs' specialized training covers initial trauma and pre-hospital care. During peacetime, most of the newly trained medical NCOs are slotted for three types of units: field medical units, emergency rooms, and troop clinics and dispensaries.

They learn such emergency medical skills as nasogastric intubation (tubes into the stomach), cardiac resuscitation (CPR, to restore the heart beat), urinary catheterization (putting a tube into the bladder to empty it), intravenous therapy (putting fluids into the veins), and suturing (sewing up wounds).

These skills are taught during classes regularly lasting from 7 a.m. to 4:30 p.m. Three or four hours of homework usually follow.

Robinson emphasized that, although technical competency is a priority for graduation, there's more to the Medical NCO Course than medical training. The "NCO" part of the title is just as important.

SSgt. Joseph Brenyas is a recent graduate of the Medical NCO Course from the 2/7 Cavalry, 1st Cavalry Division, III Corps, Fort Hood, Texas. He and his 36 medics provide medical support to a battalion of about 1,000 soldiers.

"I learned things I didn't think I'd learn," Brenyas said of the 91B training. "Things like suturing and intubation. Now I can show my troops what's going on."

For instance, Brenyas said his medical unit is equipped with military antishock trousers to use on casualties when they need their blood pressure elevated quickly. "I don't think anybody in my unit really knew when and how to use them."

Now Brenyas knows how, and he can train his unit. "I'm glad I learned it all. I feel 100 percent more confident," he said.

Confidence

Confidence is a word that's heard in almost every conversation about 91Bs. It even shows in the way the students refer to themselves: as they begin their four-month pilgrimage toward becoming choice medical NCOs, they're mildly chided with the title "Baby Bs;" by graduation, they've grown into "Super Bs."

The confidence seems to be a result of three aspects of their training — its thoroughness, its difficulty, and the level of responsibility it demands of them.

"This course is not just task-oriented," Davis stressed. "In 30 minutes I can teach you to intubate, but that doesn't mean you know when or why to do it or if you've done it correctly."

In the 91B course, students learn early to thoroughly evaluate the patients' illnesses or injuries before caring for them. This is a systematic approach to medical problem-solving in which the medics collect critical information about the patients before starting emergency care.

The 91Bs start at the top, examining the patients from head to toe. They observe the patients, ask them where it hurts, touch them, monitor their life-signs, examine the parts, generally collect as much information as possible. Then they treat, based on their assessments.

The students build on basic evaluation and treatment skills, combining them as they practice with simulated casualties. As the practical exercises become more involved, the number and type of skills become more complex, requiring the students to show an increasing understanding of the body and its treatment.

"They're walking away with a lot more than technical skills," said Davis.

Medical skills

The combat medics do leave the basic course with extensive training in technical subjects. The first clinical lessons, which begin with eight hours of math, teach them basic pharmaceutical skills.

In the field, 91Bs prescribe drugs only in restricted emergencies. They use predetermined drugs for well-defined, specific circumstances.

"91Bs probably won't get prescription privileges, but they will be administering medications," said Davis. "When they go to hospitals they can be credentialed for specific privileges."

The pharmacy training for medical NCOs is similar to the pharmacy training for paramedics who



Medical NCO Course instructor, SSgt. Gregory Robinson instructor, SSgt. Dennis Reilly as they perform a tracheal intubation on a mannequin.

nique specialists

ve in the civilian community because both perform many of the same treatments. Civilian emergency medical technicians deal primarily with cardiac arrests, said Toni Sipila of the University of Texas Health Science Center in San Antonio. The first 91B instructors attended paramedic training at that center.

Because of the NCOs' potential assignments to station aid stations, troop medical clinics and emergency rooms, the 91Bs go on to receive a wider, deeper knowledge of pharmaceuticals.

After completing the pharmacy classes, combat medics learn about each body system, studying heart, lungs, nerves, skin, bones, organs and glands. The approach to each body system is the same: study the system's anatomy, learn how to assess problems in that system, study its diseases, disorders and injuries, learn to treat the system's problems, and practice assessment and treatment of that system.

Practice. Simulate. Throughout the course, students apply their textbook knowledge to mannequins or to each other for practical experience.

After studying the body's systems, 91Bs cover several categories. The module on surgical procedures includes the use of local anesthetics, closing wounds, and emergency surgical procedures. The mental health portion deals primarily with combat-stress behavior, often known as battle fatigue. Infectious and environmental diseases are also covered, as is preventive medicine.

Field exercise

After completing the lectures, labs and readings, combat medics get a chance to practice what's been reached during the course. At Camp Bullis, 20 miles from Fort Sam Houston, the medics practice their skills on moulaged — cosmetically made up — casualties from before dawn until after midnight during the three-day field training exercise, or FTX.

"The FTX gives students the opportunity to nonstrate technical, tactical and leadership skills," said Davis. In the field it's particularly important to "identify the tasks and prioritize them, determine what they'll do to the patient, do it,

evaluate their actions, and take further action," she said.

As Davis indicated, the FTX isn't strictly medical. It reinforces soldier survival and leadership skills, and treatment of NBC, or nuclear, biological and chemical casualties — everything it takes to be a soldier and to take care of injured soldiers in a combat environment.

During the exercise, students learn from their errors. Even the instructors learn. In one exercise, Robinson served as NCOIC for the Tactical Operations Center. He spent the FTX days and much of the nights with the field radio, making up scenarios and sending out encoded locations where the medical platoons would find their patients.

"I never realized how draining this could be," Robinson said. "We had three squads. When you have to coordinate all three of the patrols, plus the aggressor forces and the evacuation process, there are a lot of headaches."

Tough Army course

The combination of field exercises, classroom lectures, and military duties adds up to what Robinson and many other Army medics call the toughest course they've taken.

Current attrition rates are about 15 percent. Other than administrative and fitness problems, poor study

habits are the primary villain in the drop-out rate.

To keep up with the frenzied pace, students have to start out at full stride. "We're encouraging everyone to begin working on study habits before arriving here," said Davis.

Math is a major obstacle for most. Medics need a good grasp for the pharmacy classes, but often haven't studied math since high school.

Reading comprehension is also important, but it's attitude, not education, that really determines how students succeed in the course, said Robinson. He cites the example of a student with a bachelor's degree who didn't apply himself and did poorly. Then there are others who barely earned a high school diploma or who speak English as a second

language, yet end up at or near the top of their classes, Robinson said.

Students have more to deal with than just basic math and reading skills, and establishing strict study habits. They still have to deal with Army requirements like details, charge of quarters and physical training. In a recent class, eight of the 50 students failed because they couldn't pass the PT test, said Robinson.

During the course, they are told to want and expect responsible jobs which use their training.

"In a conflict there won't be enough physician assistants, or PAs, and physicians to go around, so medics will have to fill in," explained Robinson.

"There's a progression from easy procedures that the basic medic does to major work which the doctor does. We work somewhere in the middle.

"The 91Bs are doing advanced treatment, and that's what they expected when they came into the Army. They want all they can get. We really can't give them enough," Robinson said.

Robinson used his own case as an example of the level of responsibility medical NCOs can handle. "After the course I went back to Fort Ord and worked in the emergency room. I was the second 91B grad there, and they really didn't know what they could do with me."

To find out, his boss gave him a troop medical clinic. Robinson was supervised by four physician assistants but not co-located with them.

"When the PA said there would be no injections or medication given until SSgt. Robinson okayed it, that's when I realized the buck stops here," Robinson said.

Like some of his fellow 91B course graduates, Robinson has come full circle in his commitment to the soldier's medical needs — first as student, now as instructor and practitioner. His intimate knowledge of all three worlds gives him that much more confidence in helping the course produce top-notch specialists in field medicine. (Arnews)



Specialist Rhonna Wilburn and her classmate remove simulated casualty, Sgt. Darnell Wilson, from an Army tank during an extrication class in the Medical Noncommissioned Officers Course at the Academy of Health Sciences. During the exercise medics must immobilize a patient in the tank to prevent further injury while removing him from the tank.

UAB

(Cont'd from page 8)

The research program is intended to help physicians and their patients to determine how to best treat mild hypertension. "The trend in medical care seems to be moving toward the early detection of the disease process and prevention of the disease, avoiding the medically riskier and economically costlier cures or treatments of a disease or condition that already exists," Kitts said.

Assisting in the research are the division's physicians, two physician assistants, a nurse, clinical nutritionists and laboratory technicians. As in all of the studies conducted by the division, the volunteers' physicians are kept informed of treatment objectives and outcomes. The volunteers, who remain under their physicians' care during the program, are dropped if blood pressure continues to rise.

Additionally, "patients frequently ask questions about health concerns or problems which have not been mentioned to their own physician," said Dr. Jack Hataway, the division's clinical director. "These questions are always referred to the patient's physicians. Occasionally some of the problems turn out to be significant problems which require further medical treatment."

Kitts said some volunteers have been uncomfortable about participating in the program because of the research aspect. "This treatment is standard medical treatment and the medical condition is watched very closely," he said.

Because the rate of volunteers coming to the program has been insufficient, the program has begun to go where potential volunteers are. During the coming months, the division will send teams to work sites to find people who fit the criteria for participation in the program.

Anyone interested in participating in the research program can call Jerry South at 1-934-2294 to schedule an appointment.



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Chilled meat shipped to Europe in test

WASHINGTON — Shoppers in selected commissaries in Europe soon will have a choice when buying beef and pork as part of a six-month test mandated by Congress. Chilled grade-A meat from American grain-fed stock will be available beginning in February in five commissaries in Germany and one in England.

"The purpose of the test," said Shirlee Elliott of the Defense Personnel Support Center in Philadelphia, "is to evaluate commissary patrons' preferences for U.S.-produced red meat as compared to the meat from European-procured grass-fed animals that is available now, and to offer the same products that are available to shoppers in the states."

The test will also determine if sufficient demand exists to warrant purchase and shipment from the U.S. on a permanent basis.

Once in commissary coolers, customers will find the American chilled meat next to the European meat. Customers will also notice a slightly higher price per pound, said Elliott.

The American Meat Institute recommended boneless beef for the test because it contends that the

meat stays fresher longer and that the bones won't protrude through the packaging during shipment. However, short loins will be shipped with the bone left in.

Meat shipped will be hard chilled and have a shelf life of about 45 days. Meat should arrive in the commissaries 25-28 days after it is packaged and the stores will then have seven days to process and display the product without any degree of deterioration.

Meat will be shipped across the Atlantic every Friday from warehouses in Cheatham Annex near Williamsburg, Va., to either the port of Rotterdam or Bremerhaven and transported at 28-32 degrees to the store.

Once at the commissaries, meat cutters will cut the beef into a variety of steaks, sirloin butt and rounds. Meat cutters will cut the short loins into t-bone and porterhouse steaks in a bone-in state. Center-cut chops will be the only pork cut available.

About 698,000 pounds of beef and 66,000 pounds of pork will be shipped in the test. (Arnews)

National Guard unit goes to Germany

WASHINGTON — Secretary of the Army John O. Marsh Jr., flew to Germany on a chartered commercial plane on Jan. 15th with soldiers from the 32nd Separate Infantry Brigade (Mech.), Wisconsin Army National Guard, to observe this year's Return of Forces to Germany activities.

This is the first time in history an entire Army National Guard combat infantry brigade has deployed for the REFORGER exercises. Participating in REFORGER '86 will give the unit the opportunity to test their warfighting skills and the procedures for mobilizing and deploying to an overseas area of operation.

This year's REFORGER is the 18th in a series planned and executed by the U.S. Readiness Command and the U.S. European Command. (Arnews)

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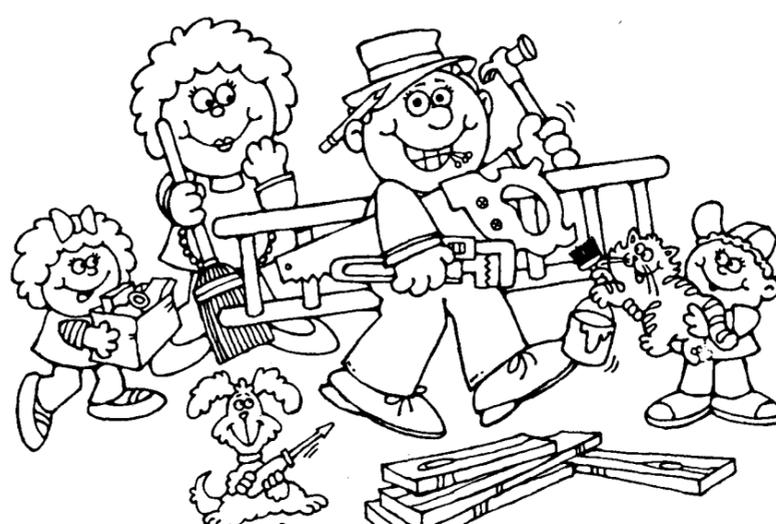
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EQUAL OPPORTUNITY LENDER

Traveling teams explain regimental affiliation

WASHINGTON — Combat arms soldiers assigned to Alaska, Hawaii, Korea and Europe will have the opportunity to affiliate with a combat arms regiment by the end of March.

The Army's Military Personnel Center has scheduled visits to each location by regimental affiliation teams to brief personnel managers, personnel staff non-commissioned officers, and brigade and battalion adjutants on affiliation policies and procedures, said Maj. John A. Hamilton, chief of Milpercen's regimental operations section.

The teams are currently visiting Alaska, Hawaii and Korea, a visit to the V Corps area of Europe is scheduled for Feb. 17-March 12 and to the VII Corps area March 5-28.

"Our mission is to affiliate all combat arms soldiers by Oct. 1, 1986," Hamilton said. "We felt that personal contact by representatives of this office would be the most effective way to explain the regimental system and to issue the instructions needed to give soldiers their regimental preferences."

The regimental system is not a tactical organization, Hamilton said, but affiliation is expected to improve cohesiveness and morale among soldiers.

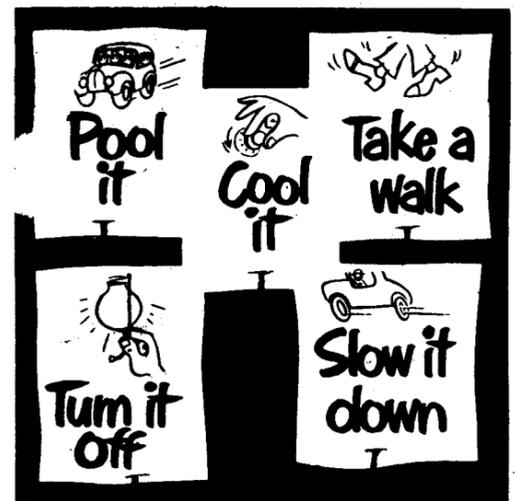
It offers soldiers the opportunity for long-term iden-

tification and the potential for recurring assignments to battalions of the regiment. It also helps to carry on regimental history, customs and traditions.

Soldiers will be allowed to affiliate with any regiment for which their military occupational specialty and skills qualification indicators qualify them, Hamilton said. By October, the Army expects to have established 183 combat arms regiments. No limit will be set on the number of soldiers assigned to each regiment. Soldiers may transfer from one regiment to another at any time, he added.

The Milpercen teams have completed their visits to 15 stateside locations, offering regimental affiliation to all stateside combat arms soldiers. Soldiers who did not sign up for a regiment when the teams were in their areas should do so through their local military personnel offices.

Based on the success of affiliating combat arms soldiers, the Army's chief of staff recently approved the concept of affiliating soldiers in the combat support, combat service support and engineering fields, Hamilton said. Officials in the Army's Training and Doctrine Command are developing more detailed plans for establishing such affiliations. (Arnews)



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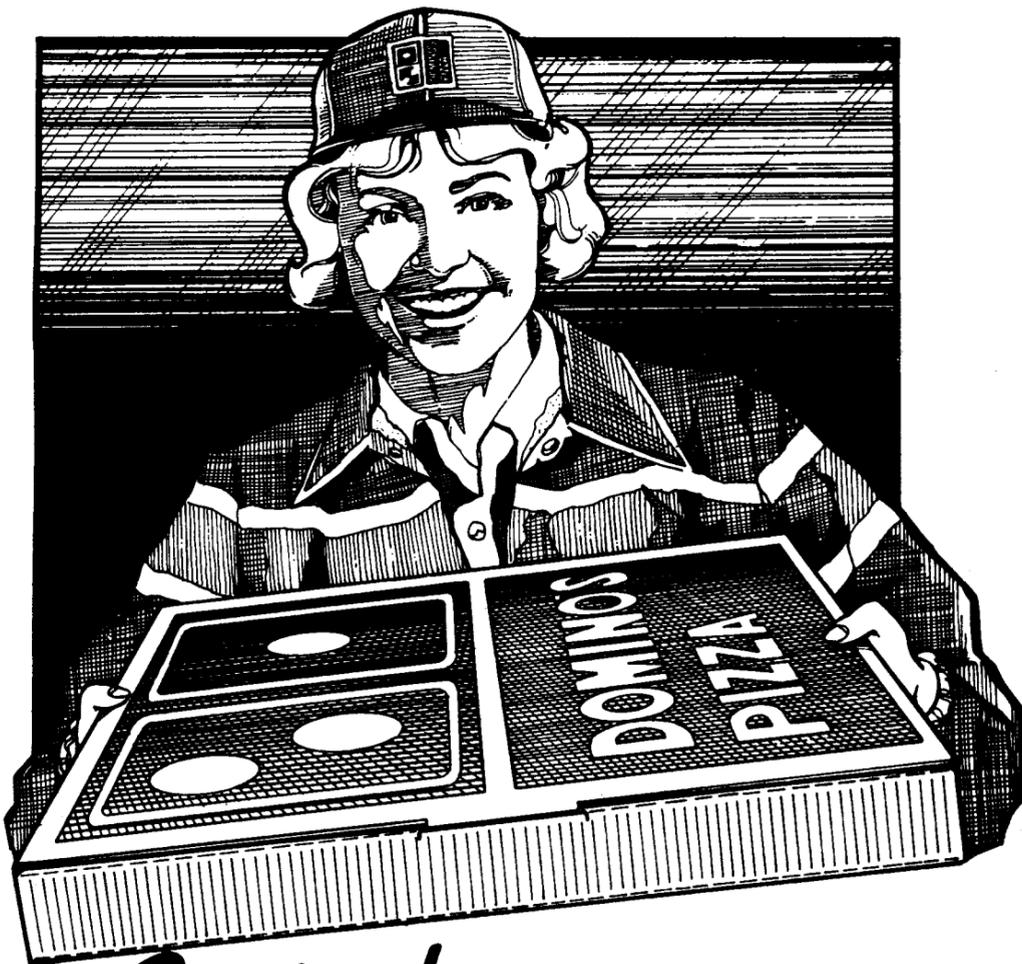
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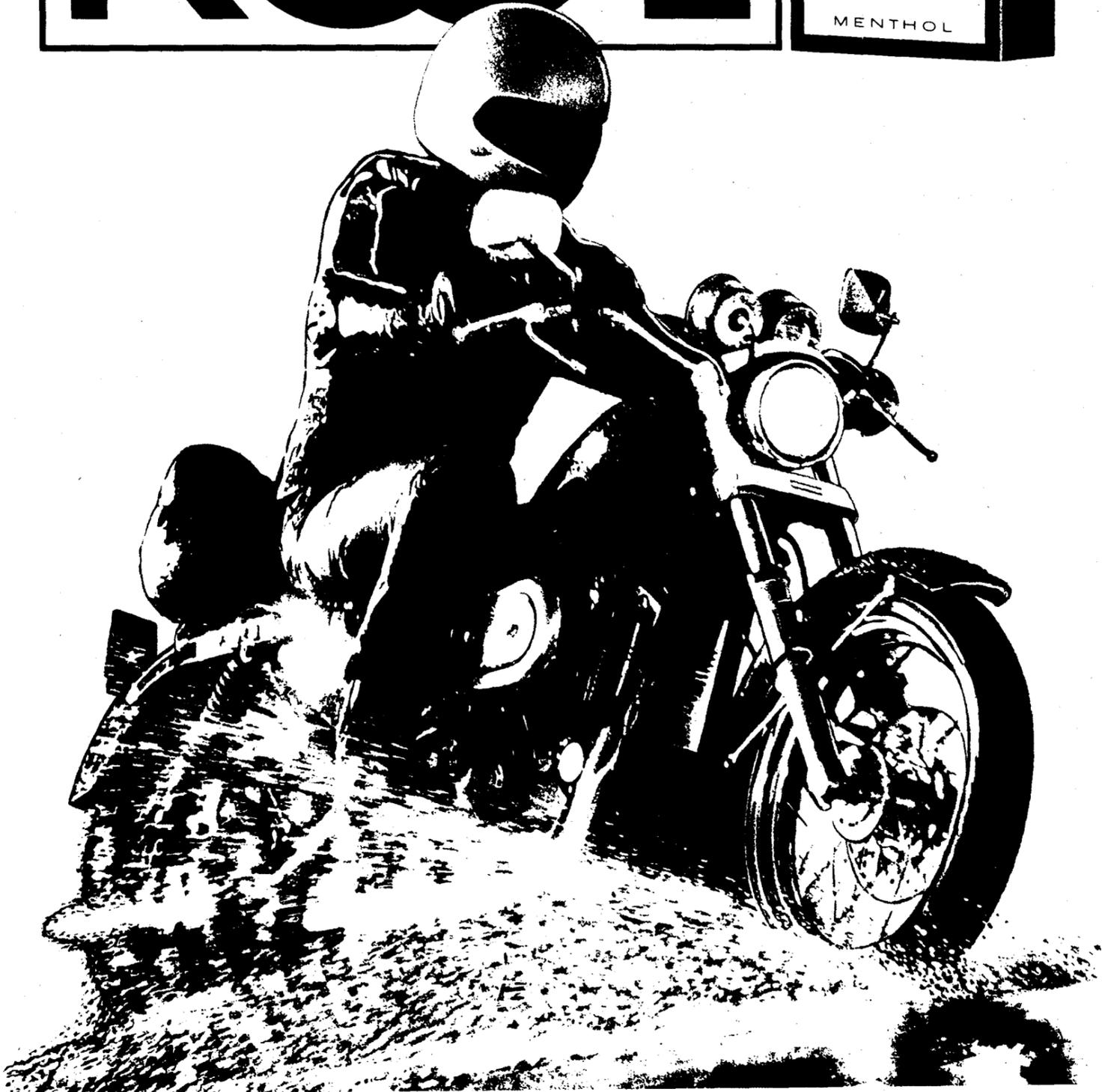
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NEW KOOL BOX

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Army scrubs plans for personnel command

WASHINGTON — Establishing a new Army command responsible for personnel operations is no longer being considered as an immediate solution for shortcomings in the present personnel system.

"We will not establish an additional headquarters at this time," said Lt. Gen. Robert M. Elton, the Army's deputy chief of staff for personnel. "However, we believe that major, positive improvements can be made in the efficiency and effectiveness of the personnel family."

An Army personnel command task force was established by Elton in July 1985, with a view towards establishing a new command. The concept came in response to results of studies conducted over the past 20 years that identified across-the-board deficiencies in the Army's personnel management system, particularly its inability to rapidly meet mobilization requirements.

However, because of the potential impact that congress' recent balanced-budget legislation could have on Army personnel programs, Elton decided not to establish a separate command at this time, said Maj. Dave Russell, task force spokesman. He also cited the concern of Army staff members that the project and the timetable for establishing it might be too ambitious.

Instead, Elton has directed the task force to continue its intensive review of the Army's personnel management structure, a review that already has produced the foundation for a more streamlined, functionally aligned personnel organization, Russell said.

The task force also has developed new procedures that will permit the deputy chief of staff for personnel to reorganize his staff along more clearly defined policy and operational lines.

The task force presently tackles two major objectives, Russell said. The first focuses on personnel mobilization and readiness issues. The second concerns realignment and consolidation of staff relationships within the office of the deputy chief of staff and its field operating agencies.

In addressing mobilization and readiness issues, the task force will analyze systems problems in such areas as personnel readiness, mobilization, recruitment, retention, distribution, community and family support, and separation.

As for simplifying the staff relationships, the task force will continue projects established for streamlining personnel operations. These include a pilot test to consolidate field artillery officer and enlisted personnel management programs within the U.S. Army Military Personnel Center and to enhance coordination and cooperation with reserve components with the intent of improving the Army's ability to mobilize rapidly.

"Our overall task force goal is to continue developing a streamlined organizational structure that responds more effectively to soldiers and commanders, that more completely integrates reserve component personnel, and more effectively focuses on personnel readiness in war and peace," Russell said. (Arnews)

Kodak offers rebate for instant cameras

DALLAS — The Eastman Kodak Co. is offering customers a new disc camera, coupons worth \$50, or a share of Kodak stock in exchange for their Kodak instant cameras.

Kodak must stop producing instant cameras and instant film because of a federal court decision concerning infringement of patents owned by the Polaroid Corp. The options for instant camera owners are a new disc camera and two rolls of film, a book of ten \$5 mail-in rebate coupons redeemable after Kodak purchases, or one share of Kodak common stock.

The company will accept any Kodak instant camera, regardless of when it was purchased. To take advantage of the offers, Army and Air Force Exchange Service (AAFES) customers in Conus should call Kodak toll-free at 1-800-792-3000. A representative will explain the options and send customers an option selection letter and a mailing container for returning the camera.

Kodak coupons will be available in overseas main exchanges in 2-to-4 weeks. They will explain the options, and should be mailed to Kodak with the customer's name and address and the camera model number. When Kodak receives the coupon, an option selection letter and a mailing container will be sent to the customer. AAFES has stopped selling Kodak instant cameras but will sell Kodak instant film until further notice. (Arnews)

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Announcements

Officers wives

The Officers Wives Club will hold a newcomers coffee for all wives of commissioned and warrant officers who have arrived here since Oct. 1. The coffee will be held at the Officers club Jan. 28, beginning at 10 a.m. For more information call Carolyn Hutchins 830-4753.

Southern Institute

Military personnel can now apply for Veterans Administration benefits— Old GI Bill, VEAP and New GI Bill —to attend Southern Institute. The college, located at 1001 Airport Road, awards degrees in fashion merchandising, interior design, computer information systems, secretarial science, word processing, and travel and tourism. For more information call 882-3082.

Seat belt proclamation

Governor George Wallace has proclaimed January as "Buckle up Alabama Month." A mandatory safety belt law was expected to be introduced in the legislative session that began Jan. 14. If passed, the law would require all front seat occupants to be buckled up while riding in a motor vehicle.

West Point preparation

The United States Military Academy Preparatory School is an alternative to reserve officer training and officer candidate school, both of which require some college. Through academic, physical and military training, USMAPS readies young men and women to successfully compete for appointments to West Point. A preparatory school briefing for MICOM personnel is set for 10 a.m. Jan. 23 in the Special Troops classroom of building 3437. For more information call Capt. Holmes 876-1654/2089.

Parenting classes

Parenting classes are offered to individuals who are having problems with their children, and those who wish to increase their parenting skills. Classes are open-ended so individuals may enter the program at anytime. Classes are held Tuesdays with parents of pre-adolescent children meeting from 4-5:30 p.m. and parents of adolescent children meeting from 6-7:30.

Protestant youth

Protestant Youth of the Chapel will meet at 6:15 p.m. Jan. 24 at Bicentennial Chapel for a trip to Whitesburg Baptist Church in Huntsville to hear Michael Chard, a contemporary Christian rock singer. After the concert, the group will stop for refreshments at Dairy Queen. All youth in grades 4-12 are invited.

Military briefings

On Jan. 28, there will be separate mandatory briefings for all commissioned and warrant officers assigned to MICOM. The briefing for commissioned officers will be held from 8:30-11:30 a.m. in the post theater, building 3712. Representatives from DA Milpercen will discuss the officer personnel management system, the officer evaluation report system, and the materiel acquisition management program. The warrant officers briefing will be held from 8:30-11 a.m. in the Toftoy Hall auditorium, building 3495. Representatives from DA Milpercen warrant officer division will discuss current warrant officer issues and the Total Warrant Officer Study. Officers and warrant officers from other activities on post and in the Huntsville area are invited to attend. For more information call Capt. Paul Proffitt 876-2010.

Found property

Security officials say a girl's bicycle— brown, Huffy brand —has been found. For more information call 876-2090.

Spot bid sale

A local spot bid sale of government surplus property will be held Jan. 28 in the Defense Reutilization and Marketing building 7427 on Warehouse Road. Registration starts at 8 a.m. and the sale begins at 9. Items for sale include typewriters, calculators, drafting machine, pressure gauges, oscilloscopes, copying machines, power supplies, desk, chairs, clothing, books, televisions, bicycles, coffee tables and dental unit. The items may be inspected from 8-3 each day, excluding weekends, in building 7431.

W-2 forms

The amount shown as taxable income on the IRS Form W-2 for civilian employees is wages paid and received by the employee during a pay calendar year. Wages for the pay period that ended Dec. 14 or check received Dec. 26 is the last pay included in the taxable year 1985. Wages for the pay period that ended Dec. 28 and check received Jan. 8 will be included in the taxable year 1986, according to Finance and Accounting officials.

Recreation center

Tonight— *Hearts tourney* at 7. Thursday— *Video game contest, Bingo* at 7. Friday— *Scrabble & Wordpix contests* at 7. Saturday— *Belly dance class* at 10 a.m., *Belly dance show* at 7. Sunday— *Super Bowl party*. Monday— *Trivia Quiz* at 7. Tuesday— *Pool tournament, Computer Club* at 7.

Alcoholics Anonymous

The Redstone Arsenal Group of Alcoholics Anonymous has its "happy hour" meeting at 5:15 p.m. each Friday in room 11 of the Bicentennial Chapel. This is an open discussion meeting. Anyone interested in the subject of alcoholism is invited to attend.

Indian education

The Huntsville City Schools Board of Education will hold a public hearing on American Indian education for the 1986-87 school year at 6:30 p.m. Jan. 27. The hearing will be held at the Annie C. Merts Center, 604 Randolph Ave. Election of members to serve on the Parent Committee will be held at this time. The public is invited.

AUSA luncheon

The Redstone-Huntsville chapter of the Association of the United States Army will have an NCO luncheon Jan. 24 at the NCO Club. Social is set for 11:30 to noon, followed by the lunch/program. The speaker will be Alfred M. Kaczmarek, a retired command sergeant major. For reservations (due by noon Jan. 22), call Madelyn Babb 881-0611 or CSM Robert Whiteford 876-1874.

Hockey games

The U.S. Air Force Academy Falcons arrive in Huntsville to challenge the University of Alabama in Huntsville Chargers in two hockey games at the Von Braun Civic Center on Friday, Jan. 31 and Saturday, Feb. 1. Friday night is UAH Homecoming and Saturday night is Armed Forces Recognition Night with a special tribute being paid to all armed forces personnel. Tickets may be purchased at the VBCC ticket office beginning Jan. 27. Prices are \$4 for adults and \$2 for students. Game time is 7:30 each night.

Boy Scouts

The Tennessee Valley Council of the Boy Scouts of America will present its 1986 theme, "Linking Generations Together", and preview of the year's activities at the Space and Rocket Center on Jan. 30 at 11 a.m.

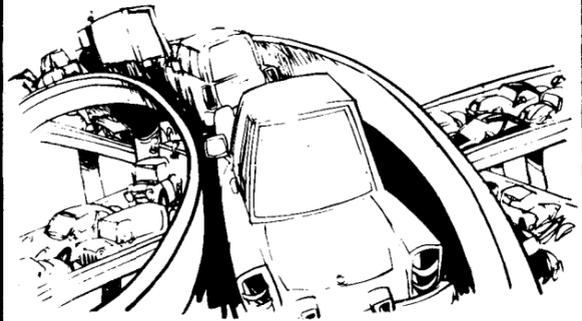
Girl Scouts

A series of international cooking and craft classes for girls in grades 4-6 will be held over four Saturdays beginning Feb. 1 at Redstone Arsenal's Recreation Center. Girls can sign up for all or any classes. Cost is \$7 for the first class and \$4 each for the others. A six-week class for sixth grade girls on "the world of communications" will be taught on Saturdays Feb. 1 through March 8 by Channel 19 news producer Denise Rich at Highlands Methodist Church on Broadmor Road. Cost is \$6. To register for these classes call 883-1020. To register call 883-1020.

Christian women

The Christian Women's Club will hold a luncheon meeting Jan. 27 from 11:30 a.m. to 1:30 p.m. at the Officers Club. Cookbook author Margaret Cole will give a presentation on menus, recipes and cooking, Clifford B. Calloway is special soloist and the speaker is Janie Buck of Birmingham, a world traveler and author. Cost of the luncheon is \$6. Make reservations or cancellations by Friday by calling Edna Nietman at 883-8486 or Kathryn Kelley at 881-2428. Free nursery service is provided. All interested women are invited to attend. Christian Women's Club is a non-denominational group with no membership and no dues.

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Exchange service tests medicines

Army and Air Force Exchange Service brand medicines, vitamins and minerals must meet Food and Drug Administration standards. To insure that they do, AAFES has three Army medical centers test these products. AAFES started having its house brands tested in June 1983 to ensure compliance with FDA regulations. Since AAFES did not have adequate laboratory facilities, assistance was requested from the Army.

Participating in the product testing are Brooke Army Medical Center at Fort Sam Houston, Letterman Army Medical Center at the Presidio of San Francisco and Walter Reed Army Medical Center in Washington D.C.

Although primary responsibility for product safety rests with the manufacturer, AAFES considers the follow-up testing an additional protective measure.

If a product should fail the lab test, AAFES would issue a recall.

Sunday forum

"Friends' Sunday Forum" will present Dr. Rolf Goebel from UAH on Sunday, Feb. 2, at 2:30 p.m. in the auditorium of the library in downtown Huntsville. He will speak on "Kafka and The Bible." Refreshments and conversation follows the presentation.

Book store hours

Friends of the Huntsville-Madison County Public Library will open their book store located in the bookmobile on the north side of the building every Sunday and Monday afternoon from 1 p.m. to 4:30 p.m. Recycled books and magazines are offered for sale. All proceeds are used for furnishing the new library building.

Personal property larcenies

Security Directorate cautions that most items of personal property that get stolen are in plain view and not secured and small enough to be carried off easily with a minimum of time, effort and risk. In most thefts, at least two people are involved, the thief and the victim who created the opportunity. People should mark, secure and protect their property. Thieves would rather take your property than work for it.

Family honored

Redstone honored a family here with a "Great American Family Award" on Friday, Jan. 17.

The recipients were CWO 2 William and Diana Engquist. The presentation was made by Maj. Gen. Peter Burbules, MICOM commander.

The local winner receives a nomination for honors at Army Materiel Command level.



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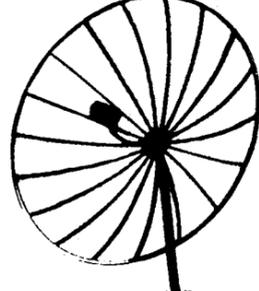
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P&P-2 team wins regular season title

P&P-2 is the 1985-86 fast league champion in the civilian welfare basketball league.

Both P&P-2 and Security finished the regular season with 6-1 records but P&P-2 grabbed the crown with a 69-45 victory over Security in their late-season tussle.

Security nailed down second place and MIA took third with a 5-2 record.

Willie Epps, P&P-2's 6-5 sharpshooter who led the league with a 20.2 points a game average, was named the league's most valuable player. Terry Boone, P&P-2 coach, was selected coach of the year, and Leon "Truck" Williams of Security won the league rebounding title averaging 11.1 a game.

A double elimination tournament begins Monday night (Jan. 27) at the old post gym, starting at 5:15 p.m., with the finals set for Jan. 31.

In final week action, Security bounced back from its loss to P&P-2 to beat Green Machine, 71-65, and nail down second place as Coy Holden spearheaded the victory with 26 points and 11 rebounds, with help from Williams with 16 points. Dave Kellam had 16 and Dave Smith 14 for Security.

Meanwhile, Missile Systems-1 turned back COE, 61-56, as Risialah Muhammad, Larry Cable and Leonard Luqman shared scoring honors with 12 each. Derrin Watkins had 24 for COE.

Elsewhere, CPO knocked COE from the unbeaten ranks in the slow league 43-38, behind Abdullah Muhammad who had 21 points and 11 rebounds. Grey

Young had 12 and Phil Loftis 11 for COE, which won the 35 and over crown with an 8-1 record.

Missile Systems-2 won second place with a 6-2 mark. Bob Noel of COE was named the league's most valuable player.

A double elimination tourney for the slow league began Monday night and ends Friday night.

Two games remain in the women's league with a tournament scheduled Feb. 10-14.

Troop basketball

Here are the troop basketball standings as of Jan. 13:

Eastern Conference		
	W	L
C Company	5	0
HHC	3	2
MEDDAC	2	2
A Company-2	2	2
7th Students	2	3
Marines	1	4
5th Students	0	4

Western Conference		
	W	L
515th	4	0
B Company	4	0
A Company-1	3	1
4th Students	2	2
291st MPs	2	3
6th Students	0	3
95th	0	5

Bowling standings

Here are the troop bowling standings after last week's games:

Tuesday's Conference		
Team	Won	Loss
A Company-1	259.5	90.5
C Company-1	216.5	133.5
Marines-1	216	134
515th-1	214.5	135.5
95th Maint	210	140
515th-2	185	165
TMDE	178	172
4th Students-1	171	179
291st MPs	148	202
6th Students-1	116.5	233.5
4th Students-2	103	247
4th Students-3	86	264

200 games bowled on Jan. 14

Chris Holt	234	
Cliff Ferby	201	

Thursday's Conference		
Team	Won	Loss
A Company (E&TTD)	286	64
B Company-1	238	112
Marines-2	231	119
MEDDAC-2	214.5	135.5
MEDDAC-1	166.5	183.5
5th Student Company	165	185
MEDDAC-4	159.5	190.5
C Company-2	156	194
MEDDAC-3	153	197
B Company-2	134.5	215.5
6th Student Company-2	98	252
7th Student Company	79.5	270.5

200 games bowled on Jan. 16

Dave Katolin	211	
Chuck Pennington	206	
Jim Stracke	202	
Dave Scott	201	
Dave Lubenow	200	

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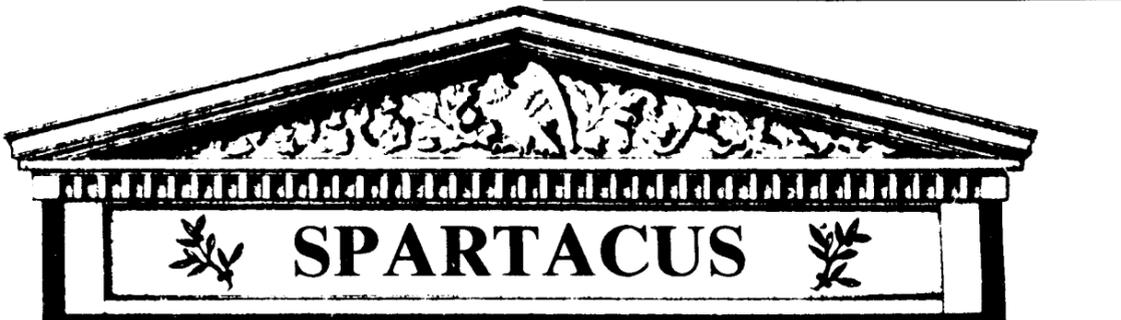
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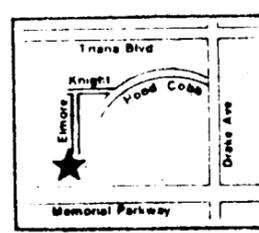
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VIDEO CAMCORDER FOR RENT: \$25 first day, \$15 per consecutive following days. Call 837-2885.

FOR SALE: J. C. Penny color console TV. Very good condition. \$125. Call 882-1004 after 1530.

1982 Datsun 210 4 door Sedan, AM/FM, automatic, air, SL Package, 44,000 miles, \$3900. Call 852-4540.

1985 Bronco II 18 K miles, excellent condition, air, power brakes and steering, AM/FM stereo, tilt, cruise, XLT package, 100 much more to list, call 876-6748 or 883-5929 after 4 p.m. \$11,800 negotiable.

1985 Honda 200X 3 wheeler showroom condition. \$1250. Call 876-6748 or 883-5929 after 4 p.m.

1981 Isuzu I-Mark, LS 4 cylinder, two door, 5 speed, silver with red cloth seats, PB, PS, air, AM/FM stereo (8 track), 46,000 miles, one owner, clean. \$3850. Call 876-2316 (work) or 881-0325 (home).

FOR SALE: '68 Black Step Side Chevy Pickup Truck, excellent value \$1450 call Ron 852-2185 after 5 p.m.

FOR SALE: 1984 Maxima, one owner, silver with gray interior, fully equipped, auto, air, PB, PS, PW, power door locks, cruise, AM/FM cassette stereo, child proof door locks, electric remote control mirrors, luggage rack, fog lights, tilt steering wheel, reclining seats. Excellent condition. Call 876-5435 or 881-3425.

FOR SALE: 14ft. aluminum semi V fishing boat, 20 hp Mercury motor, 6 gal. gas tank, and trailer (new lights on trailer). Excellent condition call after 5 p.m. weekdays anytime weekends 837-7133, \$1000.

FOR SALE: Refrigerator 2 door, 14 foot works good \$40; bumper pool table, balls and cues \$75; ping pong table net and paddles \$50; air conditioner, 12,000 BTU's, no case, works good. Call 881-6674.

1980 Pontiac Gran Prix one owner, V-6, automatic, air, power steering and brakes, AM/FM cassette stereo, 2 door hardtop with landau roof, bucket seats and console, case sport wheels with locking lugs and white raised letter radial tires, old gold color. Excellent condition in and out. \$4000 call 883-6133.

FOR SALE: '77 Dodge SE Charger one owner. Mechanically excellent, air, PS/PB, AM/FM tape, 1-top, 8 cylinder automatic. \$1695. Call Ron 852-2185 after 5 p.m.

1985 Ford Bronco II XLT 2.8 Liter V-6, automatic overdrive, 4 wheel drive, factory air, power brakes and steering, tilt wheel, cruise control, power windows and door locks, overhead console, 20,000 miles. Priced \$9950. Call 895-5610 days or 837-9257 (Huntsville) or 1-757-4219 (Florence).

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