

# Redstone Rocket

Vol. 37 No. 7

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February 17, 1988

## Telephone system here entering the computer age

BY SKIP VAUGHN

Telephones at the Missile Command will be modernized over the next two years, thanks to a new computer coming on line in early March.

A new electronic switching system is replacing telephone switchboard equipment used here since 1954. The automated system will allow for gradual changes in telephone features.

"Initially on Monday, March 7th, you won't notice any difference," said Bill Dortch, the staff communications officer for U.S. Army Information Systems Command-MICOM. "Your call, when you rotary dial, might go in a little bit quicker. Then over a two-year time frame, we'll start replacing the telephone sets with single line sets."

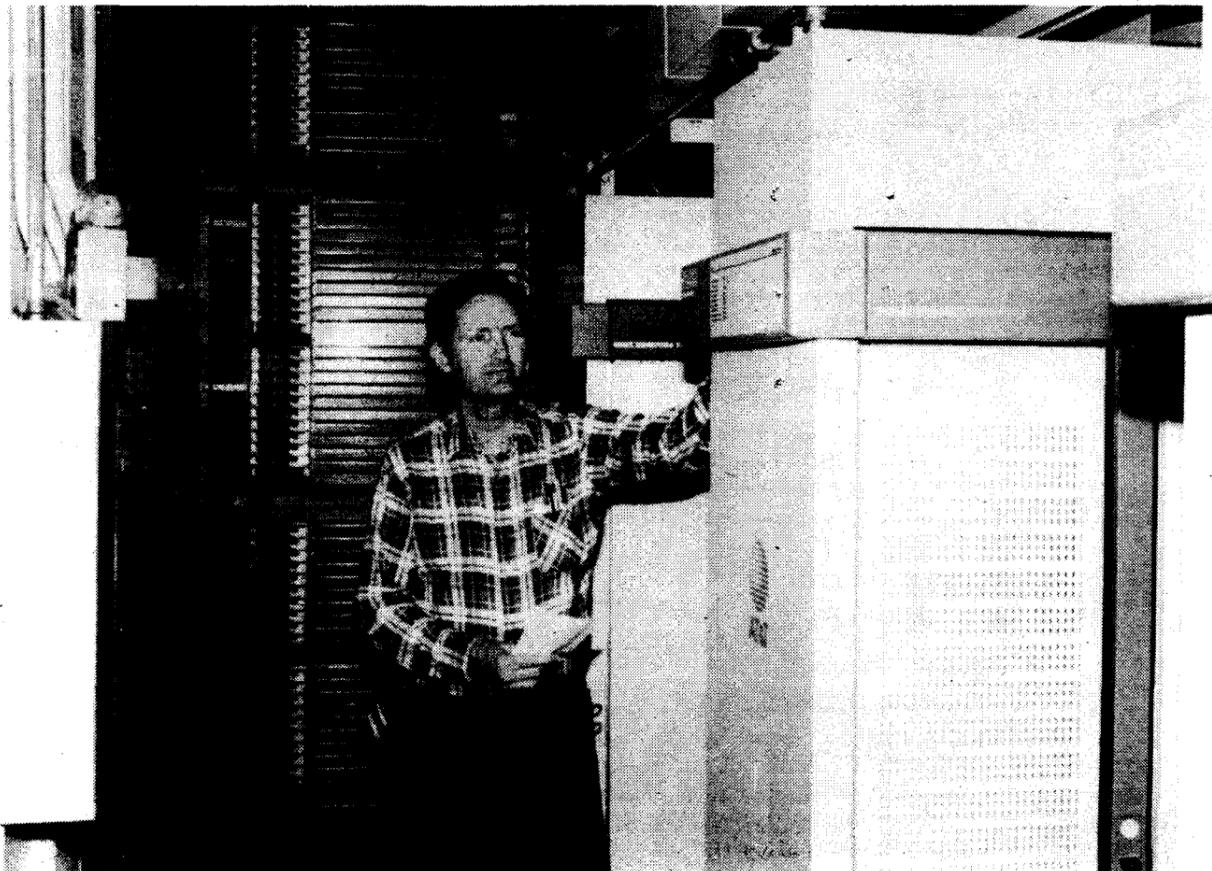
Single line sets mean that each worker will have his or her own telephone line with calls coming in at individual desks. Some multi-line sets will remain for top managers who have others answering their calls for them. The rotary-dial telephones will be replaced by touch-dial phones with buttons. "That'll be available on everybody's set," Dortch added.

The new system should help prevent telephone abuse. Besides providing statistics on such things as peak periods of telephone use, it will generate a detailed list of calls.

"Everytime you make a call, your number and the called party's number will be available on a readout," Dortch said. "It's kind of an anti-abuse feature."

The computer, replacing an old electromechanical switch, is provided by South Central Bell. A telephone modernization program is happening Army-wide, not just at Redstone Arsenal.

(See Telephone, cont'd on page 5)



ELECTRONIC SWITCHING — W.C. Seymour, a switchman, looks at part of the new switching equipment that will

replace rows of towering, old hardware which loom behind him.

## Reserve forces policy advisers report on training

WASHINGTON — "Reserve Component Programs," the latest (FY 87) annual report to the president by the Defense Department's Reserve Forces Policy Board, has much to say about the training status of the National Guard and Reserve.

According to the report's "executive summary," "Progress can be seen in almost all facets of reserve component training. Additional equipment and better planning and scheduling have helped. But progress is primarily due to innovative programs and effective leadership within the services."

The summary goes on to place training in perspective. "The primary peacetime mission of the reserve components is to train to be ready to execute mobilization missions should deterrence fail. National Guard and Reserve units must be prepared for the same mobilization missions as active component units. They are expected to maintain mobilization readiness in less than 20 percent of the time available to active components. Therefore, training must be realistic, challenging, and oriented to wartime missions."

That responsibility requires that training detractors within each unit be identified and eliminated "so that limited available training time can be efficiently utilized." Equipment and facilities for effectively training guardsmen and reservists are essential to overall mobilization readiness, the report stresses.

The board acknowledges that training simulators and devices can satisfy some training requirements and help the reserve components attain and sustain individual and unit readiness. But, in the words of the report, "Funding for such systems has been limited, and sufficient numbers of simulators and devices are not available." The board emphasized that the use of simulators and devices should complement, not replace, training with actual equipment and weapon systems.

On the more positive side, the report observed that "overseas training provides excellent training for reserve component individuals and units. Last year, more than 94,000 guardsmen and reservists trained in 84 countries. This was nearly a 15-percent increase over the previous year. Actions required to prepare for and execute an overseas training mission closely parallel those required for mobilization and deployment. Increased morale and retention in the reserve components are additional benefits of overseas training. The board believes that the overseas training program has been a key element in making the reserve components the ready force that they are today. Overseas training also demonstrates, to allies and potential adversaries, the capabilities of the National Guard and Reserve."

In the joint-service arena, the report says, "Reserve component participation in joint exercises provides realistic training and increases readiness. Guardsmen and reservists are able to train as they would fight.

Wartime missions are executed with U.S. and foreign forces, just as would occur upon mobilization. Joint exercises train the reserve components to face the challenges of extended and integrated battlefields within a combined environment."

The rest of the report reviews such aspects of reserve component life as:

- Force structure — "an appropriate balance should exist [in mission assignments] between the active and reserve components."

- Personnel — almost 70 percent of National Guard and Reserve personnel are in units. In fiscal 1987, more than 266,000 persons were recruited into the reserve components. Enlistment objectives were met or exceeded by four of the seven reserve components.

- Equipment — the status of which "has significantly improved in recent years. Equipment modernization of the reserve components helps

(See Reserve, cont'd on page 11)

## Rape victim, rapist slated for seminar

A rape prevention seminar at Redstone next week will feature a victim and a convicted rapist.

The one-hour seminar is set for Monday, Feb. 22 and Tuesday, Feb. 23. Sessions will be held from 2-3 and 6-7 p.m. Monday, and from 2-3 p.m. Tuesday at the Post Theater.

Everyone in the Redstone community is welcome to attend this event which is part of a continuing series of crime prevention seminars provided by the Investigations branch of Provost Marshal Office. This includes civilian workers, military people, their spouses, and anyone else who would like to attend.

"We've had two rape prevention seminars in the

past— one in '85 and one in '87. And we had good attendance at both of them," said Charles Thorpe, an investigator in the investigations branch. "That seems to be a subject everybody is interested in."

Scheduled speakers include Susan, a woman who was raped; Nick, a man serving time in a state prison for an unrelated rape case; and Carol Hogue, executive director of Helpline. Susan and Nick will talk at separate times from behind a reverse screen that conceals their identity from the audience.

"I think this will be educational for everyone that comes out," Thorpe said. Plans are to allow time for questions and answers at the end of the program.



## BSEP funds

**Editor:**

The staff of the Basic Skills Education Program wishes to thank the many people of Redstone Arsenal for their immense effort in finding operating funds for BSEP. The program is still operating, although the student population must be limited. Our professional staff continues to provide services to those in need in the hope of making the soldier at Redstone the best he can be.

**Lola Haas**  
BSEP coordinator

## Civilian pay

**Editor:**

Flash! Government gives civilian employees a 2 percent raise. As a GS-12 step 8 who just reached age 60, the \$30.69 increase per pay period broke down as follows: federal income tax— up \$8.09; state income tax— up \$1.04; medical insurance— up \$2.44; Medicare— up 44 cents; Thrift Savings Plan— up \$1.52; retirement deduction— up \$2.13; and optional life insurance— up \$51.70. Net result of the 2 percent raise was a loss of \$36.67 per pay period.

Extra Flash! The rolling "food" wagon raises prices 20 percent (sausage biscuit from 50 cents to 60 cents). Why does everyone take it out on civilian employees? You do know that a percentage of the money from the food and beverage sales is supposed to go to the Civilian Welfare Fund, but none has been forthcoming for the last two months. Why?

Name withheld by request

## Competition award

**Editor:**

Subject: *Redstone Rocket*, Jan. 20, 1988, page 8, "Five from MICOM receive Army competition awards."

# THE REDSTONE ROCKET

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There was an article written in the *Redstone Rocket* dealing with the G/VLLD transceiver assemblies that was awarded last August.

This MICOM field office is located in El Segundo, Calif., which gave important data for the names that were mentioned in this article.

The MICOM field representative at this location would like the *Redstone Rocket* to publish a short article about his feeling on this competition award dealing with G/VLLD. MICOM field office and Hellfire Project Office were not mentioned for their support in this article and also the key people from both locations were not invited to the presentation on Jan. 28 at Fort Belvoir, Va.

**Joseph R. Mayzel**  
MICOM field representative

## Bad attitudes

**Editor:**

During my husband's current assignment to Redstone Arsenal, I have made many phone calls and visits to offices and facilities on post. With the exception of the staff of Fox Army Community Hospital emergency room and pediatric clinic, it is my experience that most civilian and military personnel share the same unacceptable attitudes. These attitudes being: service to dependents is an infringement on their precious time; and, personnel are doing dependents a "favor" by serving us at all. These attitudes are not isolated to facilities serving dependents on a space available basis and those in retail sales services.

A few examples I have personally experienced: a telephone picked up and immediately slammed in my ear; incompetent, rude, uninformed remarks such as "it depends," "I don't think so," "why are you asking me," and "if your husband wants you to know something he can tell you."

Not all information is strictly pertinent to the

soldier. Much affects dependents. Sponsors are not always available to get information because of school, TDY, separated tours, etc. Dependents that need information and service should receive the same quality as their sponsors. We should not have to struggle with government representatives to obtain information that affects us. We should not be viewed as a nuisance when requesting services.

Supervisors and commanders should remind personnel that courtesy and professionalism should be extended to all people. Respect should not be given only to those with sufficient rank. Personnel should not automatically consider dependents intellectually inferior to their sponsors. The words dependent and imbecile are not synonymous.

Dependents should act immediately when they are mistreated and dissatisfied. We do ourselves an injustice when we tolerate incompetent service and obnoxious attitudes from government employees. Substantiate complaints with dates, times, offices and names. Present facts, not emotions and generalizations. Seek satisfaction from the appropriate chain of command. If necessary write letters to voice your complaints to appropriate office heads, and carbon copy (to) the installation commander.

The abusive nature of service to dependents should not continue. Dependents exist. We are entitled to courteous treatment and respect under all circumstances.

**Marlene Naughton**

## 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: *Redstone Rocket*, AMSMI-IN.

## Chapels observe black history Sunday

The president of Miles College and the college's choir will be featured at the Protestant services on post this Sunday in observance of Black History Month.

Dr. Leroy Johnson, president of the school located in Birmingham, is scheduled to deliver the sermon at services set for 9 a.m. at Post Chapel and 10:45 at Bicentennial Chapel.

A former Army chaplain, Johnson began his military career in the Navy. He was the first black person to receive a line officer's commission under the Navy Reserve Officer Candidate Program. His military career spanned World War II, the Korean Conflict, and Vietnam.

Johnson was licensed to preach in 1952. He was ordained Traveling Elder in 1956 and pastored for 10 years in the California Conference of the Christian Methodist Episcopal Church.

He holds an associate of arts degree from City College at San Francisco State University, a bachelor of theology from Western Theological Seminary, a bachelor of divinity and a master of divinity from Golden Gate Theological Seminary, a master of arts from Chapman College in California, and a doctorate from Kansas State University.

Johnson entered the Army Chaplain Corps in 1963 and held numerous assignments. While at Kaiserslautern, West Germany, he pastored what was said to be the largest Protestant military-civilian congregation in Western Europe.

Included among his 25 military awards and decorations are the Legion of Merit, Bronze Star, Meritorious Service Medal, the Army Commendation Medal, and the Navy Unit Citation.

Johnson served at numerous military locations including Fort Lewis, Wash.; South Vietnam; the Federal Republic of Germany; Fort Hamilton, N.Y.; Fort Polk, La.; Fort MacArthur, Calif.; Fort Riley, Kansas; Fort Gillem, Ga.; and Fort Rucker, Ala.



JOHNSON

## Champion parachutist honored in Washington

WASHINGTON — Ex-Army sergeant Terry Vares, two-time world cup parachuting champion and former member of the U.S. Army Parachute Team (The Golden Knights), received special recognition in Washington Feb. 4.

During a Pentagon visit, she accepted the Meritorious Service Medal for her past achievements from Army Chief of Public Affairs Brig. Gen. Patrick H. Brady. At the ceremony Vares' husband, SFC Gregory Vares, joined the other well-wishers. He had led one of the Knight's two demonstration teams until his recent assignment to Germany. "Receiving this medal means a lot to me because it says how well I did my job, and I'm very proud of it," Terry said after being recognized as a parachutist, an ambassador of

goodwill and a soldier who excelled in every aspect.

For the past six years, she has competed in skydiving contests around the world. "I still feel confident and I'm excited about jumping. I don't think I've ever reached my peak," she said after being named overall world champion at the 1986 world parachute meet in Ankara, Turkey.

In 1987 Terry walked away with the world championship for accuracy in Seoul, Korea. There, she won out over men and women alike from 31 countries and took the women's gold medal at the 4th World Cup of Champions. Terry accumulated numerous other awards and honors during her career as a competitor. (Arnews)

# New ballistic missile should strengthen ground forces

*Editor's note: This is the ninth in a series of articles about weapon systems managed by the Missile Command.*

**BY SKIP VAUGHN**

Using proven technology, the Army will soon have a ballistic missile that can a-ttack 'em deep.

ATACMS (pronounced a-ttack 'ems) stands for Army tactical missile system. This will be a ballistic missile fired at long-distance stationary targets from a modified Multiple Launch Rocket System launcher.

"We're enhancing the launcher's capability by allowing it to fire missiles in addition to rockets," said Col. Tom Kunhart, project manager for Army tactical missile system.

The Army is two years into a four-year full scale development program with LTV Corporation, based in Dallas, serving as prime contractor.

The missile will be about 13 feet long, 2 feet in diameter and weigh about 4,500 pounds (in its container). Its range will be more than 60 miles.

"It's a solid propelled, inertially guided ballistic missile that will carry 1300 pounds of M74 anti-personnel, anti-material bomblets," Kunhart said. The launcher will carry two missiles.

"The real significance to the Army is that it will provide the corps commander with a capability that he does not have today," Kunhart said. "That capability is to fire deep— to attack the enemy's second echelon forces."

Much of the technology for the new missile has evolved from two previous Army programs— the assault breaker program and the corps support weapon system. This makes ATACMS a "low risk" development program, according to Kunhart. "We're not really pushing the state of the art technology. We're using off the shelf components, and they're go-

ing to be tested and integrated into a ballistic missile," he said.

Examples of its proven parts include the inertial guidance unit which is already used in commercial and military aircraft, the M74 bomblets which can be found in the Lance conventional warhead, and a motor propellant used in the MLRS rocket.

Traditionally, weapon system programs take 60 months to be developed and fielded. This particular weapon program's "streamlined acquisition strategy" aims at completing the job in 48 months. The contract was awarded in March 1986 and the first missile is scheduled to be fired this April at White Sands Missile Range, N.M. The system should be in the field in the early 1990s.

LTV Corporation has a \$183 million fixed price, incentive contract for the four-year development effort. The corporation also has a \$93 million contract to integrate the missile onto the launcher and support all the test firings.

"What the corps commander has to do (with current weaponry) is call for the Air Force to attack enemy targets deep," Kunhart said. He added that cost of this missile, probably around \$260,000 each, is a lot less than cost of ground support aircraft. Also, ATACMS will enable the corps itself to destroy the long-range enemy forces before they can reinforce their frontline forces, he said.

The project office consists of 55 civilians and seven soldiers. Bob Lee recently replaced Dr. Bill Tidwell as deputy project manager after Tidwell retired on early out.

"It takes a real team effort to make a project successful and support a missile system," Kunhart said. "Everyone in the project office is important to the development and fielding of the Army tactical missile system."



**FIRING —** This is an artist's rendition of what an Army TACMS firing will look like.



**MISSILE & LAUNCHER —** The new missile will be fired from a modified Multiple Launch Rocket System launcher.



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**Paris liaison**

# False claims cost MICOM officer his career

A MICOM officer serving in a liaison post in Europe was found guilty of larceny and other offenses in a general court martial last Wednesday and dismissed from the service.

Lt. Col. Charles E. Pitchford, liaison to the NATO Hawk Management Organization in Paris and a 21-year military veteran, was also reprimanded and fined \$6,000. He was convicted on two specifications of misuse of a government vehicle, three specifications of making false reimbursement claims on travel vouchers and three of larceny growing out of the false travel claims.

He was also charged with but found not guilty of dereliction of duty, stealing government gas coupons, false swearing, wrongfully attempting to influence a witness, and four drug-related specifications.

The judge granted a defense motion to dismiss additional charges of wrongfully transferring gas coupons to unauthorized users.

The charges against Pitchford, 40, stem from allegations of an ex-wife who lived with the officer during 1984-1986 in Paris.

According to a published account in the *Stars and*

*Stripes Europe*, Pitchford used two government vehicles for personal transportation in Paris for 2 1/2 years while his own car, a 1971 Porsche, was inoperable.

He also used the government vehicles for vacations to Holland, Germany and Belgium, according to the ex-wife's testimony.

Government documents and courtroom testimony showed that Pitchford also overcharged the government for lodging in conjunction with TDY travel and, in one case cited, stayed in a non-existent hotel.

(Cont'd on page 9)

## Leaders themselves 'can best judge leadership ability'

*Editor's note: The following article on leadership was written by Capt. Arthur L. Arnold Jr., a division chief and former company commander.*

**BY ARTHUR ARNOLD**

Every career man and woman in the military has one thing in common; each is now or will be a leader.

Leaders are called by a variety of titles: commanders, directors, supervisors, chiefs, OICs,

NCOICs, etc. But no matter what the title, the job is the same, "get the mission done through leadership."

Judging leadership ability, a leader's real effectiveness, is more difficult than it may appear. Subordinates are not always good judges of leadership because all too often that judgment is based on whether or not they like the leader. Immediate or second-echelon supervisors are not always good judges

of leadership for all too often their judgment is based strictly on a leader's managerial ability; and the same is true of higher headquarters inspectors, and that brings me to my point. Good leaders are automatically good managers, but good managers are not always good leaders. There are some managers who are totally mission oriented without regard for the people who accomplish the mission. The mission gets done but at the expense of morale, attitude and retention.

A poor leader manages the mission through direct orders, usually very specific orders. A poor leader stalks the periphery of mission progress shouting occasional orders. A good leader monitors progress mixing advice with pats on the back. When the mission is done right, a poor leader tells the boss, "Look what I did." A good leader says, "Look what our people did." Who can best judge leadership ability? The best judge is the leader him or herself. How? Easy. Don't look at mission accomplishment without looking at the attitude of the people who accomplished it.

Leaders need to ask themselves a few simple questions. Did the individuals take pride in a job well done? Did I give them pride in the job well done? Did the individuals show initiative or merely follow each order to the word? Do my people come to me with problems? Do they smile when they salute or say "Hello" when passing on the street? Is the smile genuine? In other words, are my people happy and motivated? How is my retention rate? Good leadership can be compared to riding a bicycle. The leader can stop pedaling, occasionally, but progress will continue. A poor leader can be compared with riding a tricycle; when pedaling ceases, so does progress.

A quote I once heard— source unknown —comes to mind: "There they go, off again, I must hasten for I am their leader." Obviously whoever said this had been a good leader for some time, or had recently replaced a good leader; for his or her subordinates showed *initiative*, a result of good leadership.

## Union loses again, vote contested

The ballot count in a vote among support contractor workers here indicates that they have again declined union representation. However, the union has contested the vote.

Workers for Holmes and Narver/Morrison-Knudsen voted last Wednesday to decide whether or not they wished to be represented by the International Brotherhood of Electrical Workers in combination with the United Association of Plumber and Steamfitters. The final count Wednesday afternoon was 200 against the union and 195 for the union. Six votes were contested.

"The union has objected to the election, saying the contractor took illegal action to win the election," said Talmage Reynolds, labor relations representative for the Missile Command.

The union has filed objections to the election with the National Labor Relations Board, according to Reynolds.

"If the objections are upheld, odds are we'll have a new election," he said.

A previous union vote, the outcome of which was also contested, took place July 15, 1987. The final outcome was 197 against the union and 191 for the union.

## Air defense contract totals \$71.6 million

The Missile Command has awarded approximately \$71.6 million to Martin Marietta Corp., of Orlando, Fla., for the Army's new air defense system that will protect front-line troops against attack by helicopters and fixed wing aircraft.

Martin's Air Defense Antitank System (ADATS) was selected Nov. 30, 1987, as the Line of Sight Forward-Heavy component of the Army's five part program to improve battlefield air defense for Army divisions.

Under the firm fixed price contract, Martin will refurbish one fire unit, used during the competitive test program that led to Martin's selection, for additional follow-on tests. A second contract option buys for the Army four additional prototype fire units, missiles and support for extensive operational tests before going into full production.

Col. John Gamino is the LOSF-H project manager at Redstone Arsenal, and Jon Spano is his civilian deputy.

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# Telephone

(Cont'd from page 1)

"It'll increase productivity several orders," Dortch said. "Phone calls will be made much quicker."

Many features of the new system here will be optional. An office may or may not want them, depending on its mission and workers. Expected to become available over the next two years, these features include the following:

- Call forwarding variable— enables you to forward your calls to another number;

- Call forwarding busy line— automatically routes your calls to another pre-selected line when your line is busy;

- Call forwarding don't answer all calls— after a pre-selected number of rings, the call will automatically transfer to another line;

- Call hold— lets you hold any call in progress, enabling you to answer another line or call someone else;

- Call waiting— while you're on the phone, this

feature sounds a tone to let you know you have another call;

- Speed calling— enables you to program up to 30 numbers so that pressing two buttons can dial an entire number for you (either a long or short list of digits);

- Three-way calling— allows you to add a third party to a call anytime you want to;

- Last number dial— when you get a busy signal, try later by pushing one button that automatically dials the last number you tried.



OUTDATED — This operator switchboard will become a thing of the past here in March.



CONSOLE — Operators like Jean Smith will use these individual consoles rather than a switchboard.

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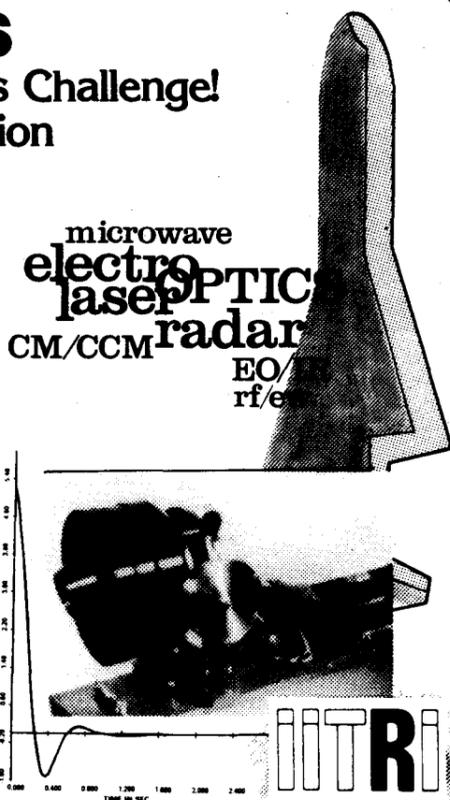
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# Leadership award winner took advantage of opportunity

BY PAM ROGERS

The former company commander of the 291st Military Police Company here claims he doesn't have a leadership philosophy.

Maybe not. But he definitely has a handle on leadership. During his assignment as commander, Capt. Terry Wilfong's MP company was selected as the Army Materiel Command nominee for the J.P. Holland Award, which recognizes the Army's most outstanding military police company.

Wilfong has also been selected as the AMC recipient of the Gen. Douglas MacArthur Jr. Leadership Award. The award, which will be presented to Wilfong at the Pentagon in April, recognizes outstanding leadership qualities in company-grade officers. Only one recipient is selected in each major command.

Wilfong, who just turned over his command to Capt. Barbara Norris, is on his way to the MP Officer Advanced Course at Fort McClellan, Ala. with a tentative follow-on assignment in Korea.

He believes he was selected for the award because he had good people working for him.

"I was fortunate enough to have junior leaders at both the NCO and junior officer level that were both motivated and enthusiastic in their approach to military leadership.

"Mine was simply the task of developing projects and then letting those junior leaders work in the innovativeness and carry the projects through to completion.

"In that same vein, the junior grade soldiers which I've had the opportunity to work with over the past year seem to have had no limit to their aggressive approach to every task," he said.

It could be that Wilfong's background gave him his leadership style.

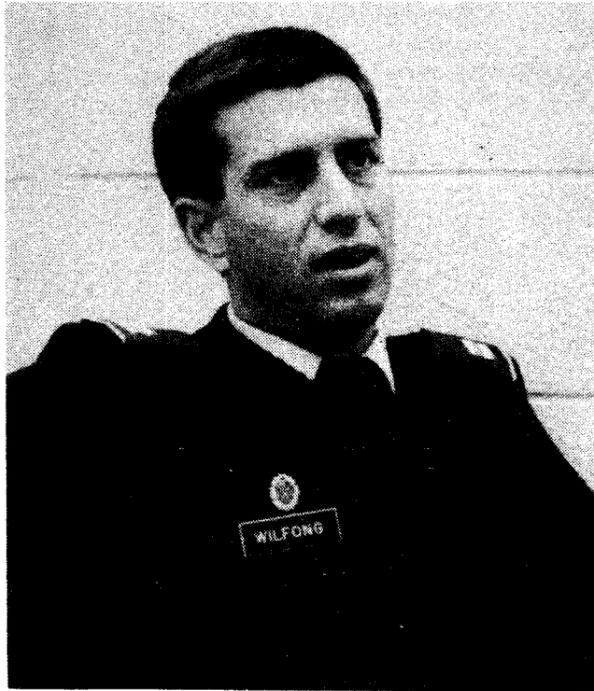
The son of a career Navy man, Wilfong, 30, moved around a lot when he was growing up. Then he spent the first eight years of his Army career in the enlisted

ranks. He's had plenty of chances to observe leaders—both good and bad.

"I enjoyed the Army, but I felt I could do more as a commissioned officer. I think I work well with people, and I've been fortunate to have leadership opportunities—especially as company commander for the past 13 months," he said.

"Being prior-enlisted gives me a chance to better feel what soldiers are going through. Although the circumstances have changed, the way of doing business is the same."

Wilfong received his commission through the



WILFONG

Reserve Officer Training Corps at the University of Michigan. He earned a bachelor of science degree in criminal justice from the University of Alabama at Birmingham.

He has served at Fort McClellan, Fort Stewart, Ga., Sierra Army Depot, and in Korea. He came to Redstone in 1984 for his first assignment as a commissioned officer.

He is the son of Archie and Joan Wilfong of Ann Arbor, Mich. His father is a retired chief petty officer. Wilfong is married to Wendy Darling, a native of Birmingham.

## Ruberton retires

WASHINGTON — On Feb. 5, the Department of Defense and the Department of the Army honored Lt. Col. (Ret.) Louis A. Ruberton for his 46 years of federal service.

In a ceremony in Ruberton's hometown of Hamonton, N.J., Gen. Maxwell R. Thurman, who commands the U.S. Army Training and Doctrine Command, and Maj. Gen. Donald E. Eckelbarger, assistant deputy chief of staff for personnel, presented Ruberton with the Department of Defense Distinguished-Civilian Service Award, the Army Exceptional Civilian Service Award and a certificate of retirement.

Ruberton's many contributions to the Department of Defense's classification and standards arena include serving as the program and resource manager for the Armed Services Vocational Aptitude Battery (ASVAB) and the developer of the Army's Weight Control Program. (Arnews)

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# 291st military police mourn loss of fellow soldier

The 291st Military Police Company recently held a memorial service for one of its own who was killed in a car accident last month while traveling to her home in Ogdensburg, N.Y.

PFC Michelle L. Howes, 21, had entered active duty in December 1986 and was assigned to the 291st MP Company in May 1987, according to Capt. Barbara Norris, the 291st company commander.

Howes was driving in a snowstorm and was within 20 miles of home Jan. 28 when her car was struck head-on. She was reported to have died instantly. Howes was seven months pregnant at the time of her death.

Norris, who referred to Howes as "an outstanding soldier," offered a eulogy during the Jan. 29 service.

"Some of her personal accomplishments include her participation in all company sports events as either a playing member or one of its organizers. She was instrumental in the 291st MP Company being recognized as one of the most outstanding Military Police Companies in AMC... she was to have received an Army Achievement Award.

"Some of her personal attributes were her enthusiastic and cheerful approach to the most demanding tasks. She was an outstanding listener... she never had a problem expressing herself. I believe that if she had the opportunity and all things had carried through, she would have liked to thank many people for their assistance during her time preparing to bring a new life into the world... I believe PFC Howes showed a great amount of zeal and courage in attempting to bring this new baby into the world," Norris said.

Chaplain (Capt.) Barry Presley led the memorial service, and PFC Kathleen Kirby, a close friend of Howes, read passages from the Bible in a public farewell.



FAREWELL— PFC Michelle Howes, who died Jan. 28, is shown during adventure training in June 1987.

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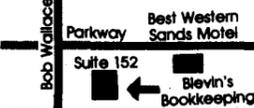
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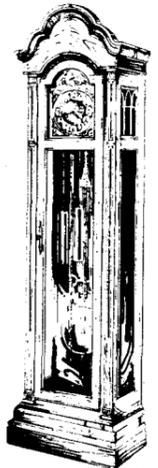
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# 76ers and MSID to have showdown

The 76ers and MSID, the two top teams in the Civilian Welfare Fund basketball league, are heading for a showdown Monday, Feb. 22.

After last week's action, the 76ers were the league's Bo Derek with a perfect 10 and 0 record. The MSID team was keeping pace at 9-0. The two teams will play each other at 6:15 p.m. Monday at the old post gym with less than six games remaining before the regular season ends March 14.

Last week the 76ers whipped MSIC-1 team 115-88 and beat Servicemaster 114-93; P&P-2 team pounded P&P-1 team 107-44; Reproduction ripped the Celtics 90-65; MSIC-2 got past Product Assurance 47-43; TMDE dropped COE 60-42; Servicemaster slammed the Untouchables 74-44; P&P-2 team edged Reproduction 84-82; MSL-2 team tripped TMDE 57-33; the Stars defeated CPO 114-93; and Product Assurance outlasted Servicemaster 83-75 in overtime.

Clyde Hobbs scored 47, Larry Cable and James Stevens had 18 apiece, and Derrick Lewis contributed 14 as the 76ers stopped MSIC-1. John Warren scored 30 and Don Carver 23 for the losers.

Hobbs and Stevens each scored 25 to lead the Sixers past Servicemaster. Cable added 20, Cleveland Billups 13 and Lewis 11. For Servicemaster, Don Davis tossed in 34 while Randy Whitman and Timothy Jackson scored 16 apiece and Tim Lightford 12.

Willis Epps pumped in 23, Joe Carter and Dante Emanuel had 19 apiece, Dewayne Moore 13 and Ken Gurley 10 as P&P-2 beat P&P-1. Anthony Gratson scored 15, Demetrius Howard 14 and Hanford Jones 12 for the losers.

Ivan Toney tallied 23 while Fred Jefferson, Mike Davis and John Horton had 15 apiece and Thomas Hall contributed 11 in Reproduction's win over the Celtics. For the Celtics Stuart Bogue had 14, Greg

Bogue 12 while Neal Todd, Greg Davis and Henry Jones added 11 apiece.

Steve Hammonds and Darren Newberry each scored 15 while Jeff Langford added 10 in MSIC-2 team's win over Product Assurance. Vinson Moore and Jonathan Chandler had 13 apiece for the losers.

Steve Burgess hit for 16 and Alan Paula 14 to lead TMDE past COE. Shed Askins, Al Love and Ed Carpenter scored 8 apiece for COE.

Davis dropped in 33, Lightford 18 and Junior Williams 14 in Servicemasters' win over the Untouchables. Steve Williams scored 12 for the losers.

Carter accounted for 30, Emanuel 16 while Moore and Harold Jones scored 12 apiece as P&P-2 beat Reproduction. Terry Nance had 26 while Ronnie Crutcher scored 14 and Jefferson and Hall had 12 apiece for the losers.

Risalah Muhammad tossed in 12 and Paul Blackwell 11 in MSL-2 team's win over TMDE. Greg Rigney scored 8 and Mike Ackin 7 for the losers.

A. Gibson scored 46, Coy Holden 21 and Wayne Gore 21 to lead the Stars past CPO. Lorenzo Jones had 42, Bobby Lightner 26 and Abdullah Muhammad 13 for CPO.

Norman Ziegler hit for 23, Moore 22 and Joe Martin 17 to pace Product Assurance past Servicemaster in overtime. Davis had 34 and Whitman 17 for Servicemaster.

In CWF Women's League action, COE beat the Dreamers (score unavailable). Lisa Horton, Toni Leo and Leslie Arnobions led COE while Cathy Heatherington paced the Dreamers.

# Troop intramural bowling standings

Here are the troop intramural bowling standings as of Feb 11:

Tuesday's Conference		
	Won	Lost
HHC-1	416	84
C Company 73rd-1	412.5	87.5
HHC-3	347	153
C Company 73rd-2	324	176
MEDDAC-1	306.5	193.5
Marines-2	297	203
D Company 832nd-1	249	251
MEDDAC-2	219	281
TMDE/95th	213	287
A Company 73rd-2	164	336
291st MPs	146.5	353.5
A Company 73rd-3	138	362
SSO, RDS	137.5	362.5
C Company 832nd	89.5	410.5

200 games bowled on Feb. 9:	
Frank Lasher	235
Chuck Gensel	221
Gary Miller	214
Doug Parmeter	210
Jim Morrow	207
Steve Pederson	204

Thursday's Conference		
	Won	Lost
A Company E&TTD	400	100
B Company 73rd-1	398	102
Marines-1	352.5	147.5
HHC-2	311	189
HHC-4	287.5	212.5
B Company 73rd-2	269	231
A Company 73rd-1	256.5	243.5
B Company SAD	243.5	256.5
B Company EOD	215.5	284.5
515th-1	180.5	319.5
D Company 832nd-2	180	320
B Company 832nd	157.5	342.5
515th-2	121	379
HHD	101.5	398.5

200 games/600 series bowled on Feb. 11:	
Keith Warters	235 & 618 series
Tom Rahn	211
Alan Livengood	202
Ben Sunday	200

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# Troop basketball

Here are the standings for troop basketball as of Feb. 12:

Eastern Conference		
	Won	Lost
A Company 73rd	11	3
B Company 73rd	10	3
D Company 832nd	9	4
C Company 832nd	5	7
95th	2	11
291st MPs	2	12

Western Conference		
	Won	Lost
NCOA	11	1
HHC	11	3
515th	8	5
C Company 73rd	7	7
B Company 832nd	6	7
Marines	3	10
Meddacc	0	18

Over 30 League		
	Won	Lost
HHD 269th	4	0
HHC	2	2
515th	2	2
B Company 73rd	2	2
RRG	2	2
C Company 73rd	0	4

Game results from last week for Eastern and Western Conferences:

HHC beat C Company 832nd 70-50; top scorer for HHC was Suttle with 24, high scorer for C Company was Saunders 23. D Company 832nd beat 291st MPs 49-38; top scorer for D Company was Mitchell with 18, high scorer for MPs was Bain 13. HHC beat MEDDAC 74-39; top scorer for HHC was Suttle 29. 95th beat 291st MPs 55-48; high scorer for 95th was Goodson with 16, high scorer for MPs was Bain 19. A Company 73rd beat B Company 73rd 64-58; top scorer for A Company was Jenkins with 20, top scorer for B Company was Patterson 17. C Company beat the Marines 47-41; high scorer for C Company was Sherrell 15, top scorer for Marines was Pace 9. A Company 73rd beat 291st MPs 76-40; top scorer for A Company was Green with 14, top scorer for the MPs was Wall 9.

515th beat B Company 832nd 78-59; high scorer for 515th was Moore with 25, top scorer for B Company was Crout 18. D Company 832nd beat C Company 832nd 64-42; high scorer for D Company was Lewis with 14, high scorer for C Company was Saunders 19. HHC beat Marines 53-45; high scorer for HHC was Suttle with 13, high scorer for the Marines was Campbell 15. C Company 832nd beat 95th 58-57; top scorer for C Company was Saunders with 30, top scorer for 95th was Sims 24. B Company 73rd beat D Company 832nd 54-42; high scorer for B Company was Jones with 25, top scorer for D Company was Mitchell 18. C Company 73rd beat B Company 832nd 66-56; high scorer for C Company was Jones with 29, top scorer for B Company was Mathew 19.

# MICOM

(Cont'd from page 4)

Pitchford did not testify at the trial but took the stand during the sentencing hearing to apologize to the court for misconduct. He asked to be allowed to retire.

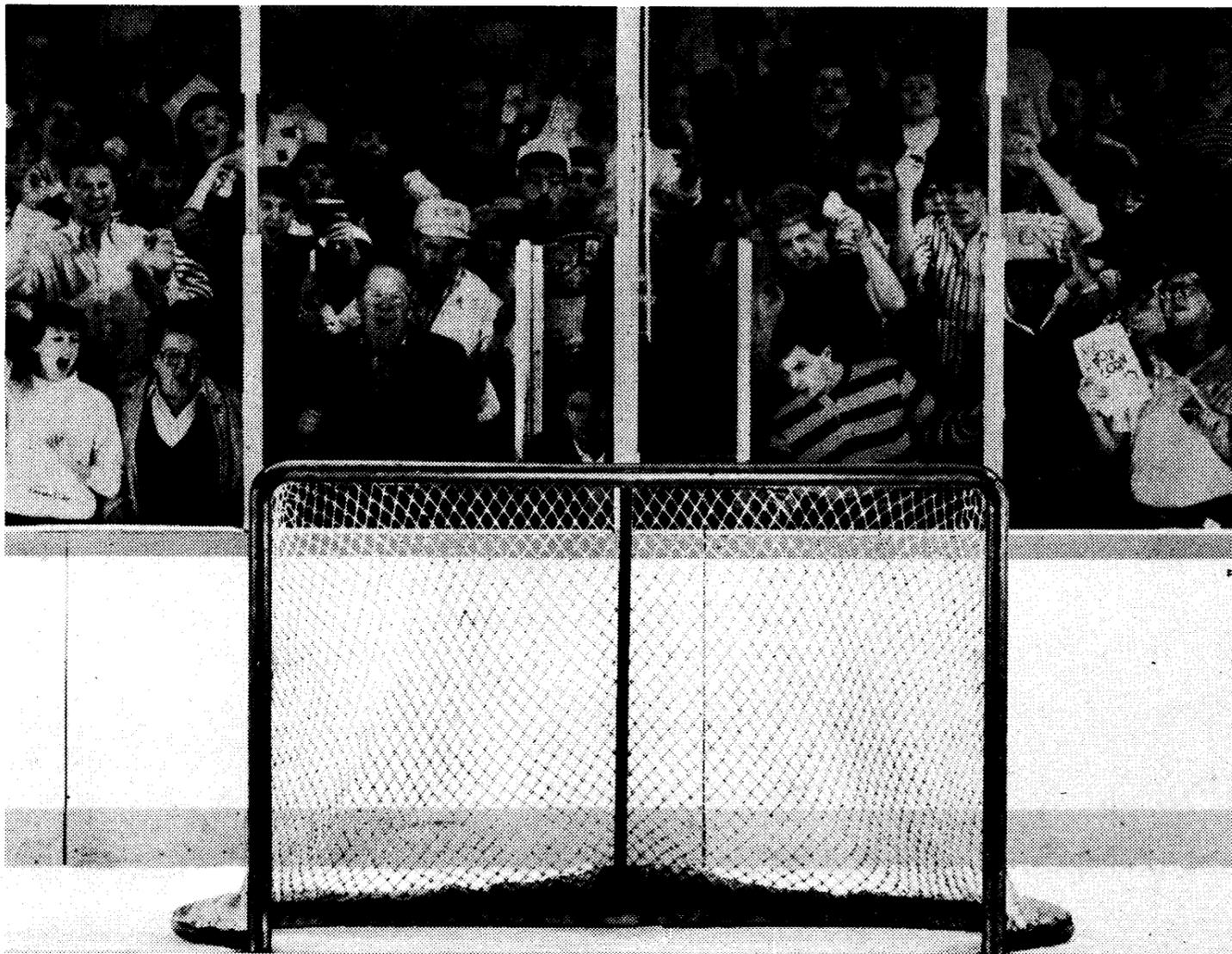
His civilian lawyer, R. Waco Carter, expressed gratitude after the trial that Pitchford was spared a jail sentence but termed it "obviously quite a blow for a man with 21 years in the military to lose his retirement, according to the *Stars and Stripes* account.

He still faces a year in prison if he does not pay the \$6,000 fine within one year.

Government prosecutors had urged the court to impose a minimum two-year jail term on Pitchford, characterizing him as "a liar, cheat, thief and embarrassment to our government and officer corps" who stole to maintain "a life in the fast lane" replete with membership in exclusive clubs, the *Stars and Stripes* said.

Pitchford was relieved of duty with the Paris office in September and reassigned as a "special projects officer" at Army Materiel Command's European headquarters in Seckenheim, West Germany.

The case was heard by a panel consisting of a brigadier general, six colonels and a lieutenant colonel. Trial proceedings took place in Kaiserslautern under auspices of the 21st Support Command.



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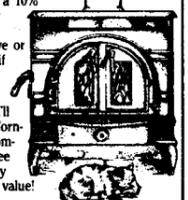
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# Preventing rape: being prepared to protect yourself helps

By EVELYN D. HARRIS  
American Forces Information Service

The audience filled the Pentagon conference room and listened to the speaker discuss such defensive tactics as biting, eye gouging and blood-curdling screams.

The enemy these military and DoD civilian women were preparing to face does not wear the uniform of an unfriendly foreign power. The enemy in this case is the rapist.

According to Ellen Schell, a community education specialist with the city of Alexandria, Va., 90 percent of rapes are committed by an offender who is a member of the same race as his victim. More rapes occur in homes than in any other place. And experts believe that more than half the rape victims are at least acquainted with their assailants.

That is not to say that you can't be raped by a total stranger in a dark alley or an office building elevator. And although rape can often be prevented, that's not always the case. As Schell said, "Never suggest to a rape survivor that she should have done 'x', 'y', or 'z'. If she survived, she did the right thing."

Last year, according to the Justice Department, there were 84,000 attempted rapes, 48,000 completed rapes. That means a large number of women successfully fought off assailants. Although there is no guarantee that you can always protect yourself in every situation, you stand a better chance if you're prepared.

Women are eager to learn how to protect themselves. Until recently, Army Capt. Cissy Lashbrook and some of her colleagues in the Arkansas National Guard gave seminars on self-defense for

military and civilian women around Arkansas. "The seminars were so popular we had to stop giving them so we could get our other work done," said Lashbrook.

Here are some rape and crime prevention tips from Schell, Lashbrook and other experts:

- Rape experts classify it as a crime of violence, not sex. Anyone can be raped: you, your grandmother or a child. But the most likely victim is the one who looks the most vulnerable, not necessarily the most attractive.

- Walk confidently, head up, shoulders back—look like you know where you're going. Be aware of your surroundings. The same grooming and bearing that earn you compliments as a "sharp troop" or a woman destined for success will discourage most rapists.

- Avoid alleys and dark, deserted areas. Walk close to the curb whenever possible—avoid walking right next to alleys, bushes or hidden doorways.

- If you're going to use a protective device, Schell recommends a whistle or air horn. Lashbrook recommends filling a empty squeeze bottle, such as a plastic lemon, with ammonia. She says if you practice (using water), you can squirt up to 20 feet. This device should blind the rapist long enough for you to escape. Carry whichever device you choose: It's worthless in the bottom of your purse. Both experts discourage carrying Mace: it can be turned against you, and it often doesn't work.

- When driving, keep your doors locked and your windows rolled up high enough so no one can reach in.

Keep your purse on the floor not the car seat. If someone suspicious is following you, find another occupied car and "bump" it. This should discourage the potential attacker.

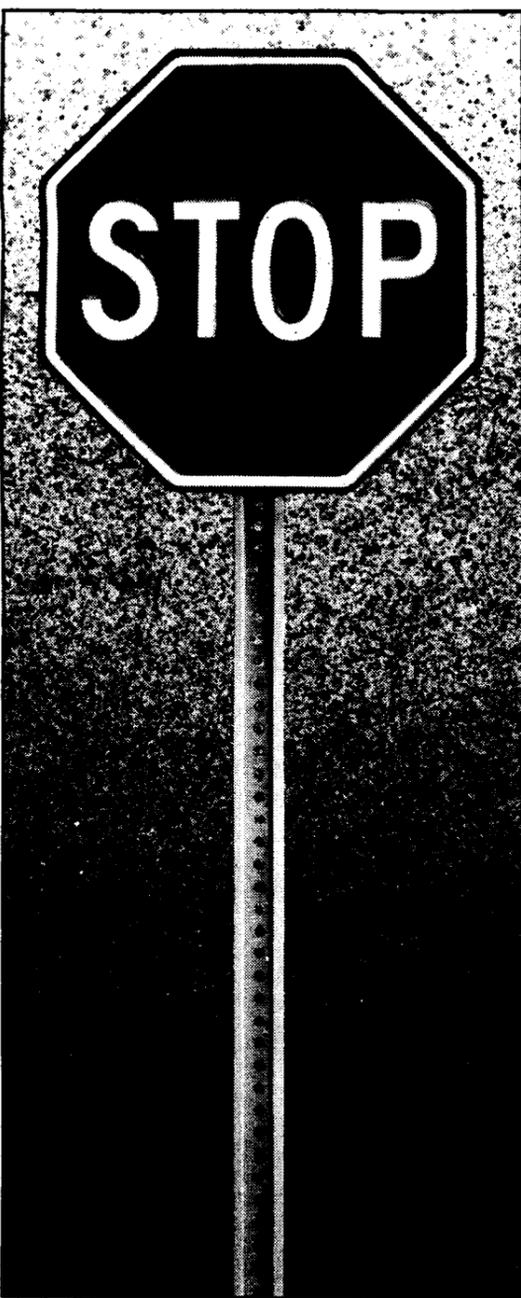
- Don't be afraid to fight back. "It often works," said Lashbrook. "And if the tactic you've chosen isn't working, stop doing it and try something else."

- Keep the doors and windows of your home locked.

- Be sensible in dealing with acquaintances. Often, acquaintance rape can be foiled by making a really loud noise and doing something definite—like delivering a hard slap. According to Schell, many women in "date rape" situations report that they didn't know what was happening until it was too late—and that they were afraid to hurt or even embarrass the rapist. Afterwards, these women have difficulty trusting their own judgment.

- If you are raped, Lashbrook said to go to a hospital and get a rape exam. "Don't bathe, douche or even change clothes before you go to the hospital—you don't want to destroy the evidence."

- Finally, said Lashbrook, "Get counseling whether you think you need it or not. Even the most emotionally strong need counseling to successfully recover from rape. Some military installations and most communities have counselors trained to help you—use them."



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# Road races set for Engineer Week

The annual Engineer Week 5-kilometer and 10-kilometer road races will be held Saturday, Feb. 27 on Redstone Arsenal.

Presented by the Huntsville Post of the Society of American Military Engineers (SAME), this year's event is sponsored by RUST International Corporation.

All races are scheduled to start at the Rocket Auditorium on Redstone Road. Registration and packet pickup will begin at 7:30 that morning, the 5K race at 9, the 10K at 9:10 a.m. and the one mile fun run/walk at 10:30 with awards at 11. Both 5K and 10K courses are described as flat, fast and certified.

The pre-registration fee is \$7 (if postmarked by Feb. 19) and \$9 thereafter and on race day for the 5K or 10K events. Those participating in the one mile fun run/walk have a \$5 registration fee. Entry fees are non-refundable.

Entry forms can be obtained at sports stores in Huntsville and Birmingham and at the Special Services office on Redstone Arsenal. Forms can also be obtained by writing to this address: Engineer Run, Attn: Jack Phelps, HND-ED-PM, P.O. Box 1600, Huntsville, Ala. 35807-4301.

All registrants will receive long sleeve T-shirts with the race logo and sponsor's name on the back. Awards will be given to the overall male and female winners in the 5K, 10K and one mile races. Trophies will be awarded to the first three winners in each age group in the 5K and 10K events, and to the three teams with the lowest combined times. For more information, call Jack Phelps 895-5256.

Race participants can enter the arsenal through Gate 3, Redstone Road; Gate 9, Rideout Road; Gate 8, Drake Avenue; but Gate 10, Patton Road will be closed. People traveling on the arsenal are requested to avoid the area of Redstone Road, Patton Road and Buxton Road until noon. These roads will be open, but due to race activities traffic delays can be expected, according to SFC Kenny Renew of Military Police Operations.



# Reserve

(Cont'd from page 1)

establish commonality, compatibility and standardization with the active component and, in some cases, among services."

- Medical readiness — about two-thirds of the medical care and three-fourths of the medical evacuation capability required during a major conflict, involving the United States, will be provided by the reserve components.

- Facilities — for which additional appropriations are required to meet current construction and maintenance needs.

- Budget — under which allocations for reserve component manning, equipping, and training programs must be proportionately increased to accommodate additional and enhanced missions. "Failing to sustain these programs and to protect the investment in the ready, deployable, and growing National Guard and Reserve force will result in degradation of our military capability."

The 185-page report is scheduled for distribution to the field in early March. Major commands, headquarters' staff agencies, key government officials, ROTC units, libraries, institutions, and selected individuals should receive their copies automatically. Other persons desiring copies may address their requests to the board by telephone at Autovon 224-4282 or commercial (202) 694-4282.

Since 1947, the board has served as the principal policy adviser to the secretary of defense on reserve component matters. Its membership consists of a civilian chairman, the assistant secretary from each service responsible for Guard and Reserve matters, an active component general or flag officer from each service, two general or flag officers from each of the several reserve components, and a military executive of general or flag officer rank. (Arnews)

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# DoD team cracks fraudulent contracts

By TOM JOYCE  
American Forces Information Service

When the United States was new and its population small, deals were made and fulfilled on the words of the men and women involved. Today, its citizens are guided from the cradle to the grave by the law.

The "fine print" in legal contracts can work for those who know what it means and against those who don't. That's why many attorneys make a successful living specializing in contract law.

Contracts are also an important part of the way the Department of Defense does business. More than 60,000 are signed each day. Unfortunately, some contractors violate those contracts, and the government doesn't get what it pays for.

Before 1982, not one major DoD contractor had ever been convicted of defrauding the Defense Department, said Howard W. Cos, deputy assistant inspector general for criminal investigations policy. The reason, said Cox, was that many U.S. Attorneys were reluctant to prosecute because they didn't understand the complexities of the contracts.

"Major defense contractors can pay for attorneys who are well versed in the complexities of defense contracts," said Cox. "In many cases, U.S. Attorneys do not have those resources."

Since 1982, more than 10 top-100 defense contractors have been convicted of defrauding DoD. Among them are giants like Avco, GTE, General Electric, Gould, Litton, Martin-Marietta, Rockwell International and TRW. The ITT Corporation is currently being investigated.

The primary reason for the successful prosecution of major defense contractors is the Defense Procurement Fraud Unit. The unit consists of 12 Department of Justice and five DoD attorneys, and representatives from each of the four defense criminal investigative

organizations, the Defense Contract Audit Agency and the FBI.

"The unit has three primary goals," noted Cox. "The first is to screen all the investigations involving major defense contractors to assess those that are good cases and see that they are prosecuted.

"The second goal is to provide advice, guidance and assistance to 94 other U.S. Attorneys around the world who may not be as knowledgeable about contract fraud."

The third goal, said Cox, is for the unit itself to prosecute some cases. The attorneys can practice anywhere in the country, most often in areas where contract expertise is not available.

The fraud unit was organized specifically to target major defense contractors that usually have the expertise necessary to successfully defend themselves against criminal charges.

"The members of the fraud unit are chosen carefully," said Cox. "Each has contract fraud, law and prosecution experience. They understand the complexities of contracts and are able to get convictions."

Cox said another reason major contractors had been getting away with violating contracts was that local U.S. Attorneys were not able to give the contract cases the attention they deserved. "U.S. Attorneys in some states are up to their neck in narcotics cases. Contract fraud is a low priority, and contractors know it. With the fraud unit, DoD is telling contractors they are no longer immune from prosecution," he said.

Cox said prosecuting unscrupulous contractors continues to be the highest priority of the Inspector General's Office. "Since 1982, there have been more than 1,200 fraud convictions of both large and small companies in the Department of Defense," said Cox. "And DoD has received more than \$400 million through fines and civil fraud judgments."

## Guard chief blasts television movie

WASHINGTON— An accurate portrayal of National Guard training accomplishments in Central America would generate great pride in most Americans. Unfortunately, "Weekend War," an ABC TV movie, is not such a portrayal.

"The movie misleads the American people," declared Lt. Gen. H.R. Temple Jr., chief, National Guard Bureau. Broadcast on Feb. 1, the movie portrays Guardsmen as naive, easily manipulated, misled soldiers and suggests that the Guard is deploying to combat areas or war zones in Central America.

Temple said, "The movie does a great disservice to the more than 560,000 men and women who serve in the National Guard. These are intelligent, motivated people serving their country. They come from all walks of life and more than 4,000 communities nationwide.

"Clearly, they are not the naive, manipulated group implied by the ABC movie," he added.

The suggestion that the Guard is being deployed to combat areas or war zones is equally misleading, ac-

ording to Temple. He also emphasized that

"the Guard is not being deployed to combat areas or war zones. Numerous congressional, General Accounting Office, Department of Defense and Department of the Army reports support this fact, as well as numerous reports by journalists who have actually visited the Guard training sites.

"No Guardsmen participating in training in Central America have been involved in hostilities, let alone wounded or killed," Temple stressed.

"Three Guardsmen have died during training in Central America; one in an off-duty swimming accident, and two in an aircraft crash off the coast of Honduras as a result of mechanical failure."

"There is no similarity between the training the Guard is performing in Central America and the activities depicted by the ABC movie," Temple added.

"The Guard is employed in tough, meaningful, and realistic training," Temple concluded. "It has to be if the Guard is to fulfill its mandate to contribute to our national security." (Arnews)

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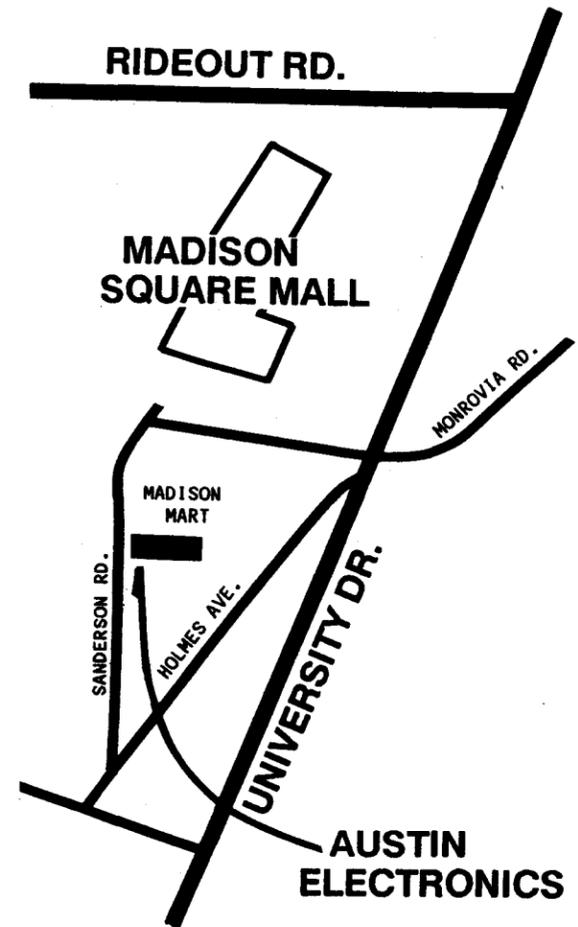
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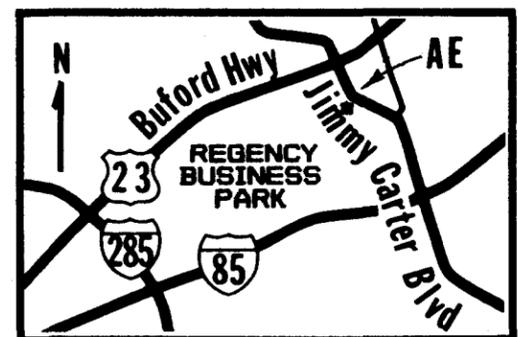
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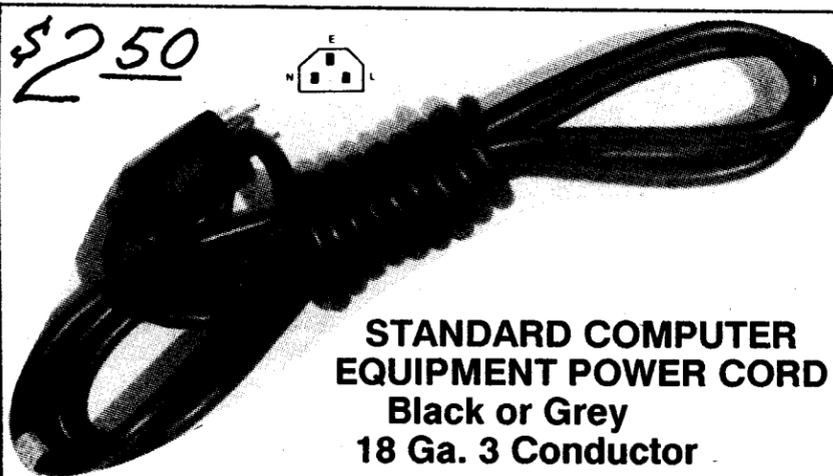
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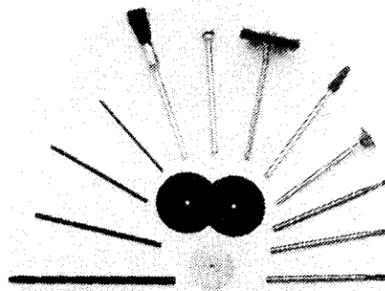


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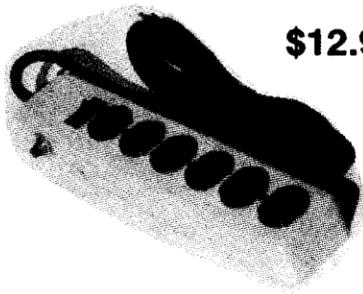


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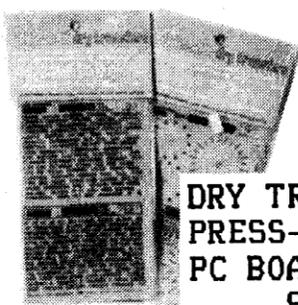
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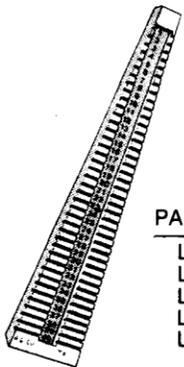


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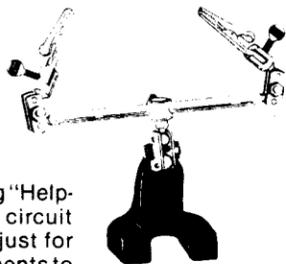
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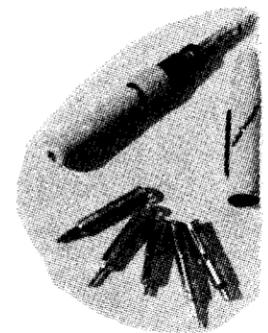
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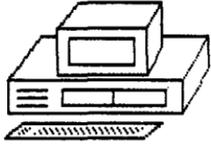
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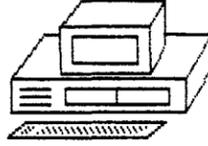
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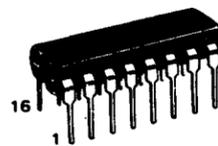
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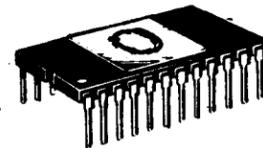
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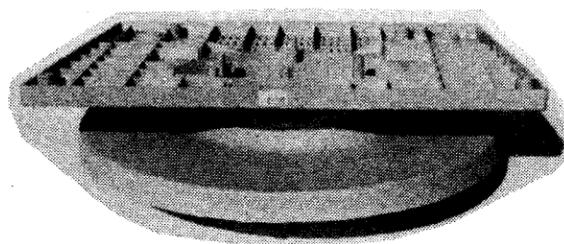
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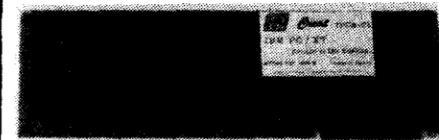
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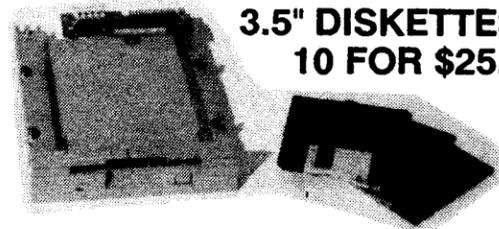
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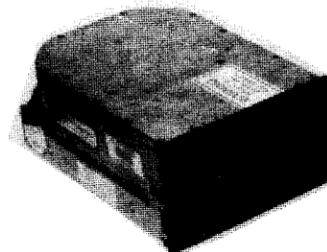
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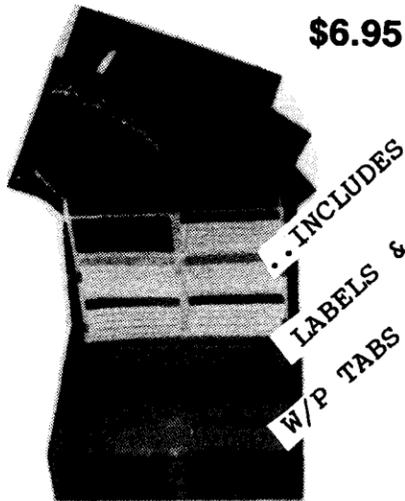
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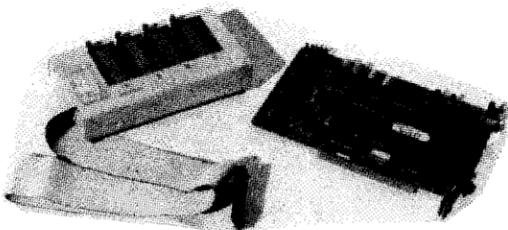


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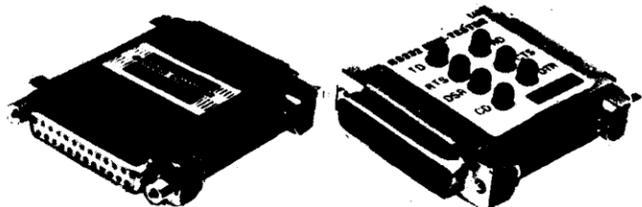
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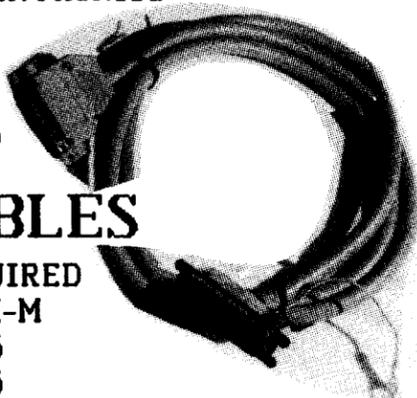
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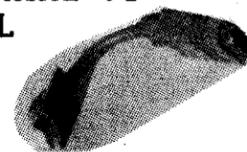
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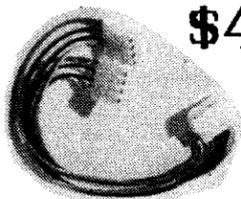
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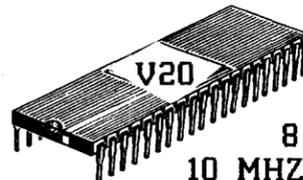


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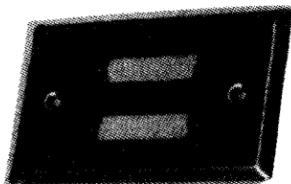
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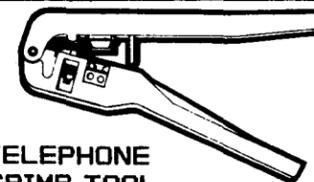
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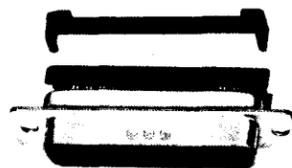
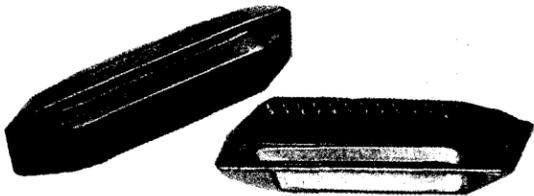
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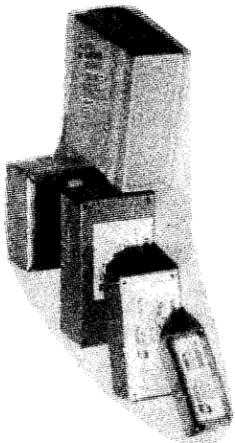
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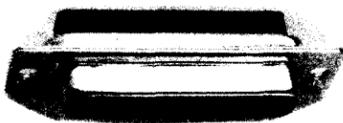
Part#	Solder Cup		
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DE9P	.75	.56	.45
DE9S	.80	.60	.48
DA15P	1.03	.78	.62
DA15S	1.10	.83	.66
DB25P	1.10	.83	.66
DB25S	1.20	.97	.78
DC37P	2.14	1.61	1.28
DC37S	2.41	1.81	1.45
DD50P	2.62	2.38	2.18
DD50S	3.70	3.36	3.08

Part#	Ribbon Cable		
	1-49	50-99	100-499
IDC9P	2.35	2.17	2.01
IDC9S	2.53	2.34	2.17
IDC15P	3.10	2.86	2.66
IDC15S	3.25	3.00	2.79
IDC25P	3.73	3.09	2.62
IDC25S	3.73	3.09	2.62
IDC37P	4.75	4.38	4.07
IDC37S	5.63	5.20	4.83

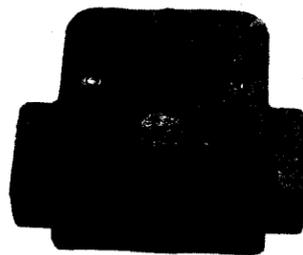
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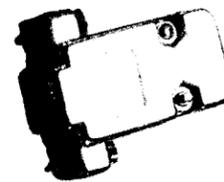


Part#	Crimp Shell		
	1-49	50-99	100-499
C9P	.70	.46	.32
C9S	.70	.48	.34
C15P	.73	.52	.36
C15S	.73	.53	.37
C25P	.75	.54	.38
C25S	.75	.57	.40
C37P	.96	.87	.80
C37S	1.00	.91	.83
C50P	1.12	1.02	.93
C50S	1.14	1.04	.95



Part#	Grey Hoods		
	1-49	50-99	100-499
GH9	.68	.47	.42
GH15	.80	.56	.50
GH25	.85	.64	.58
GH37	1.06	.96	.88
GH50	1.10	1.00	.92

Part#	Chrome Hoods		
	1-49	50-99	100-499
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SH15	.86	.65	.57
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SH37	1.72	1.56	1.43



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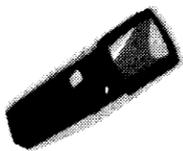
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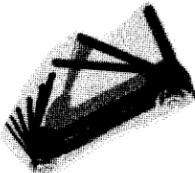


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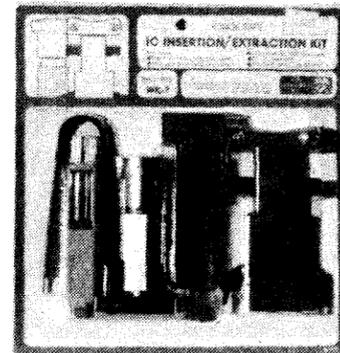
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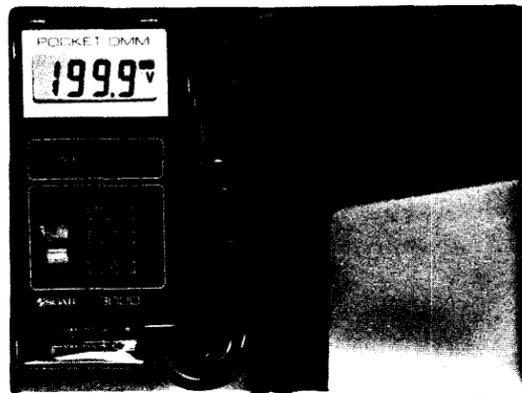
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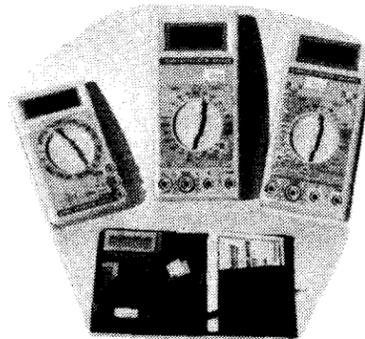
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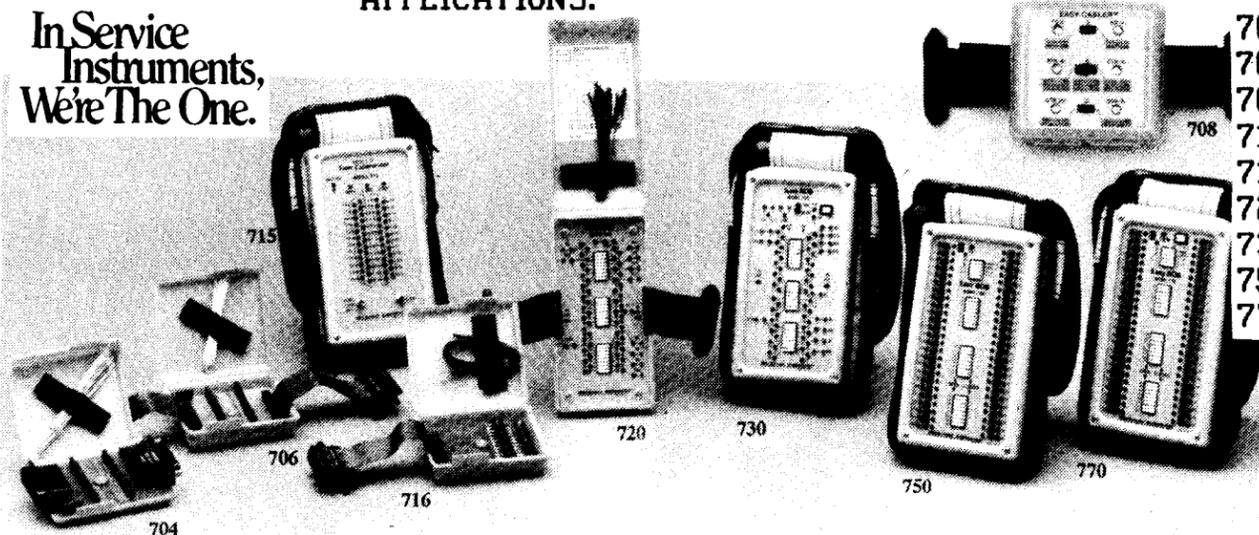
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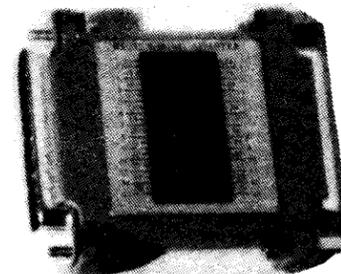
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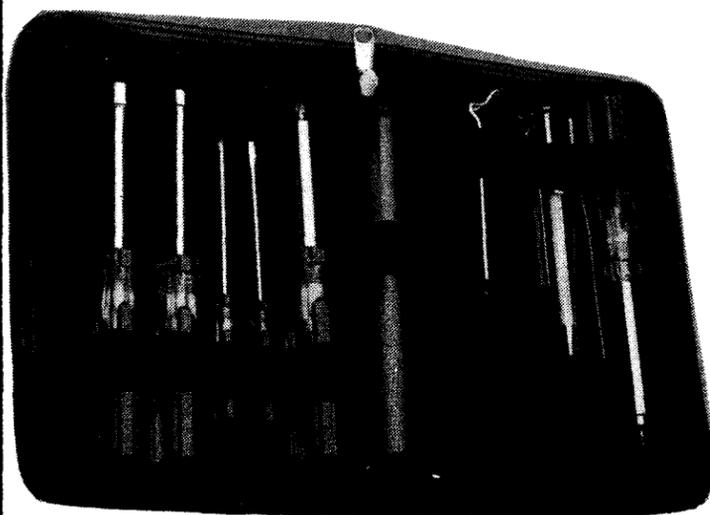
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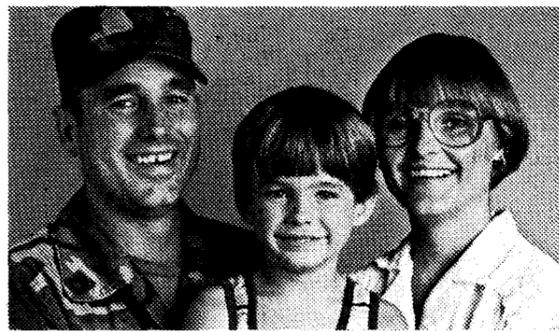
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# Black chaplains in the past faced discrimination

By SGT. MAJ. RUDI WILLIAMS, USA  
American Forces Information Service

It wasn't until midway through the Civil War, after the Emancipation Proclamation was signed, that black clergymen were accepted as chaplains in the Army. Before that, the spiritual, religious and educational needs of black soldiers were handled exclusively by white chaplains.

Black chaplains served in disproportionately low numbers compared to the number of all-black regiments during the Civil War. Some 158 black regiments formed the Union Army's U.S. Colored Troops; of the 139 chaplains assigned to these regiments, only 12 were black, which represented one black chaplain for every 15,000 men.

These units were comprised of more than 180,000 blacks who served in combat, about 10 percent of the total Union Army strength.

In those days—chaplains, both black and white—were not only responsible for service members' spiritual welfare. They were often in charge of the post exchange, serving as post treasurer, librarian and defense counsel at courts-martials, and they ran the schools for soldiers and children. Some even served as interim post commanders.

Establishing schools was essential, since an estimated 90 percent of the troops on all-black posts were former slaves who couldn't read or write.

Ironically, black chaplains, who were allowed to serve only black troops, were appointed to ranks equivalent to captain and received the same benefits as their white counterparts—\$1,000 a year, a free house and retirement at 64 on three-quarters pay.

But black chaplains often lived strange lives of official courtesy and social isolation.

## CHAPLAIN HENRY M. TURNER

The first black chaplain in the Army was Henry M. Turner, who was appointed chaplain of the First United States Colored Regiment on Sept. 10, 1863. After the Civil War, the president assigned him to further service with the Freedmen's Bureau in Georgia. The bureau, officially a part of the War Department, was active in the Reconstruction Era in providing for the welfare of former slaves.

Turner later became a member of the Georgia legislature, a bishop in the African Methodist Episcopal Church, founder of several religious journals and a college president, according to the book *The U.S. Army Chaplaincy—1791-1865*.

Turner was born to free parents on Feb. 1, 1834, on a farm in Newberry, S.C. They were brought to the United States as slaves in the late 18th century, but were set free when their royal lineage became known; Turner was the grandson of an African prince. South Carolina was a British colony, and it was against British law to enslave royal blood.

When he was 15, Turner was taught the alphabet and how to spell simple words by a white lady and a white boy he played with. After his mother moved to Abbeville, S.C., he got a job with a law firm, where he

read the firm's books and current literature and listened to speeches and discourses. The lawyers taught him arithmetic, history, the Bible, geography and astronomy.

"In defiance of the prohibition of the law, they (the lawyers) were so impressed with his talent for learning that they took pleasure in instructing him. He would listen to them talk and speak and then go in the woods and repeat what he had heard...by his 17th year, he became a member of the Methodist church. He was licensed to preach in his 20th year and displayed such intelligence in his first sermon that he made quite a sensation. From this time forth he attracted great crowds wherever he went," reads an extract from *Harper's Weekly* magazine dated Dec. 12, 1863.

## CHAPLAIN HENRY V. PLUMMER

The first black post-Civil War Army chaplain was Henry V. Plummer. He was appointed as chaplain of the all-black 9th Cavalry by President Chester Arthur on July 8, 1884 but was dismissed from the Army on Sept. 7, 1884, for "conduct unbecoming an officer and a gentleman."

Plummer, a former slave field hand, was found guilty of drunkenness, wearing a sergeant major's coat and socializing with enlisted troops. Considerable controversy surrounded the guilty verdict.

In acknowledging receipt of his dismissal orders, Plummer said: "I have violated no law of the Army, nor of morality...I gave my service, yea laid my life upon the alter (sic) of this country in the dark days of her peril. I was dismissed from the service upon false testimony and prejudice. I cannot help to remember...that patriotism and devotion to duty, counts for naught against falsehood and prejudice in the regiment under the present regime."

Ironically, years later, Plummer's counsel at the court-martial was forced into retirement when accused of racial prejudice.

In fact, while serving as the regimental chaplain at Fort Robinson, Neb., Plummer is credited with "persistently and aggressively advocating temperance, which placed him in direct conflict with the Army's canteen system...Moreover, his widespread popularity among the soldiers, which he institutionalized through the Loyal Temperance Legion, represented a threat to an all-white command structure. While these tensions grew, he made a unique proposal for the colonization of central Africa to the War Department, which rejected the proposal," according to records at the Chaplains Museum at Fort Monmouth, N.J.

## CHAPLAIN ALLEN ALLENSWORTH

Allen Allensworth was one of the most influential black men to become an Army chaplain in the post-Civil War era. President Grover Cleveland appointed him chaplain of the all-black 24th Infantry Regiment at Fort Bayard, N.M. in 1886.

Before his retirement in 1906, Allensworth reached the highest rank ever conferred on a black man at the time—lieutenant colonel. He went on to establish an all-black colony in California's San Joaquin Valley.

The town that bears his name is being turned into the Colonel Allensworth State Historical Park.

Allensworth is also credited as the man "most singularly noted for establishing the blueprint for the Army's educational and vocational program."

## CHAPLAIN WILLIAM T. ANDERSON

The first black chaplain to be promoted to colonel was William T. Anderson, who was appointed regimental chaplain of the 10th Cavalry Regiment in November 1897. He was promoted to full colonel on April 29, 1936.

The number of black chaplains didn't increase much until after World War I, when religious leaders and black clergymen convinced the Army that "direction of religious and social activities among the Negro soldiers can be managed most successfully by Negroes." As a result, the Army commissioned 59 black chaplains, bringing its total to 63.

"In 1945, after World War II, Negro churches were authorized 790 chaplains, but only 174 were in service at the end of the war," according to material provided by the Army Chief of Chaplains Office.

Black chaplains serving only black troops ended when all-black units were disbanded after the Korean War. During the Vietnam War, black and white chaplains conducted religious services for all ethnic groups, depending upon their denomination.



FORMER DEPUTY — Maj. Gen. Charles Murray, director of supply maintenance under Department of Army Chief of Staff for Logistics, shared his views on the budget process with the Society of Logistics Engineers last week. Murray, a member of the logistics engineers' group, is a former MICOM deputy commander.

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# New phone system encrypts classified calls

A 1983 report by the National Communications Security Committee revealed that the ordinary office telephone posed the single greatest threat to our government's secrets. Something had to be done—and done quickly—to stem the flow of sensitive information being intercepted from our telephone systems by potential adversaries.

Less than five years later, offices throughout the federal government, including the Department of Defense and the military services, are receiving low-cost, secure telephone terminals that encrypt conversations that can be deciphered only by the intended recipient.

The instrument, officially known as the Secure Telephone Unit III Low-Cost Terminal, is the size of an ordinary office telephone. It contains modern features, such as a stored-number speed dialer and last number recall, and plugs directly into a standard phone jack. The terminal can even replace standard telephones on the desks of government and corporate personnel.

The only noticeable difference from the standard phone is a two-line digital readout that appears when the instrument is being used for secure communications. The readout displays the highest security classification level common to both users, along with data identifying the distant party or organization.

"Unlike previous secure communications systems, the STU-III is extremely easy to use," said Bill Johnston, A National Security Agency STU-III user relations staff representative.

"Under normal conditions, it acts like a regular telephone. With a push of a button the STU-III enters the secure mode, and all the communications going over the line are automatically encrypted." It takes only about 17 seconds for the telephones to enter the secure mode of operation.

The National Security Agency produces and con-

trols the distribution of keying material for the system, which enables the highest common security classification level to be determined. If one STU-III is keyed at the confidential level and the other at top secret, for example, confidential will appear on both instruments during a secure conversation. If both are keyed for top secret, however, that is what will appear. "It is up to the users to be sure information higher than the level authorized is not discussed," said Johnston.

"People who don't have access to secure communications tend to try to talk around classified subjects," said Johnston. "That creates a serious problem. Any worthy adversary can figure out what is being talked about." Earlier-generation government secure voice systems had severe limitations, the most critical being the number of units that could be built, distributed and supported.

The STU-I was developed in the late 1960s, and fewer than 100 units were fielded. The STU-II, developed in the mid-1970s, featured a total population of less than 10,000 units. The STU-III, however, is expected to ultimately accommodate more than 1 million users.

"This was a remarkable effort on the part of

government and industry," said Johnston. "It normally takes up to 10 years to field a workable secure communications system. The STU-III evolved from a concept to a mature product in about four."

Once the STU-III encrypts information, Johnston said, the National Security Agency certifies that only the STU-III belong to the party you are speaking to can decipher it. He also said it would not do an adversary any good to obtain one of the telephones, since each one needs special keying material produced by the National Security Agency.

Contracts have been awarded to three companies, AT&T, Motorola and RCA, for the production and delivery of nearly 80,000 of these new secure phones by the end of 1988. Johnston said organizations that receive the units will determine where to place them. "It could be centrally located or given to an individual," he said. "The organizations are in the best position to determine where the instruments can be used."

A cellular version of the STU-III will also be available soon. "Then government officials will be able to discuss sensitive information securely while traveling," said Johnston.

## Rules for secure communications

It will probably be many years before the technology exists to put secure telephones on the desks of every federal employee. Until that happens, individuals have to do all they can to make sure sensitive information does not fall into the hands of adversaries. Be sure to practice the following communications security rules.

- Do not discuss any aspect of classified activity over the telephone. Discussion of unclassified points often drift into classified areas.
- Never attempt to "talk around" classified or sensitive information. Any adversary worth his salt

will be able to figure out what is being talked about. Use secure communications.

- If possible, talk to the person face to face. It's easier to clarify points, and the risk of interception is greatly reduced.
- Don't use an unsecured phone in a room where classified information is being discussed. Telephones can pick up background discussions.
- Always depress the hold button after you hang up a multiline phone. Even with the handset in the cradle, a telephone can pick up and transmit conversations when a line button is engaged.

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BIO 105 Plant Biology	S	8:00-12:50	5	3650
BUS 243 Accounting I	T-TH	8:00-10:20	5	3222
BUS 275 Principles of Management	T-TH	8:00-10:20	5	3222
ECO 231 Economics Composition I	T-TH	10:30-12:50	5	3222
ENG 090 Basic Writing	M-W	8:00-10:20	5	3650
ENG 101 English Composition I	M-W	8:00-10:20	5	3222
ENG 102 English Composition II	M-W	10:30-12:50	5	3650
ENG 262 English Literature II	M-W	10:30-12:50	5	3222
HIS 101 Western Civilization I	M-W	10:30-12:50	5	3650
MTH 090 Basic Math	M-W	10:30-12:50	5	3650
MTH 091 Developmental Algebra I	M-W	8:00-10:20	5	3222
MTH 092 Developmental Algebra II	M-W	10:30-12:50	5	3222
PSY 200 General Psychology	T-TH	8:00-10:20	5	3222
PSY 220 Human Sexuality	T-TH	1:00-3:00	5	3222
SOC 247 Marriage/Family	T-TH	10:30-12:50	5	3222
SPH 106 Fundamentals of Speech	T-TH	10:30-12:50	5	3222

EVENING CLASSES	DAY	TIME	CREDIT	BLDG.
BUS 243 Accounting I	T-TH	4:30-6:50	5	3650
BUS 244 Accounting II	T-TH	7:00-9:20	5	3650
BUS 245 Accounting III	M-W	4:30-6:50	5	3650
BUS 261 Business Law I	T-TH	4:30-6:50	5	3305
BUS 279 Small Business Management	T-TH	7:00-9:20	5	3305
BUS 285 Principles of Marketing	M-W	4:30-6:50	5	3305
CIS 180 Introduction to CIS	M-W	7:00-9:20	5	3222
CIS 211 Basic Programming	M-W	4:30-6:50	5	3222
ECO 231 Economics I	T-TH	4:30-6:50	5	3305
ECO 231 Economics I	M-W	7:00-9:20	5	3650
ECO 232 Economics II	M-W	4:30-6:50	5	3650
ECO 232 Economics II	T-TH	7:00-9:20	5	3650
ENG 090 Basic Writing	M-W	4:30-6:50	5	3305
ENG 090 Basic Writing	M-W	7:00-9:20	5	3305
ENG 101 English Composition I	M-W	4:30-6:50	5	3305
ENG 101 English Composition I	T-TH	4:30-6:50	5	3305
ENG 102 English Composition II	M-W	7:00-9:20	5	3305
ENG 102 English Composition II	T-TH	7:00-9:20	5	3305
GSC 212 Environmental Science	F	4:30-9:10	5	3650
HIS 102 Western Civilization II	M-W	7:00-9:20	5	3650
HIS 201 US History I	M-W	4:30-6:50	5	3650
MTH 090 Basic Math	M-W	4:30-6:50	5	3305
MTH 091 Developmental Algebra I	M-W	7:00-9:20	5	3305
MTH 092 Developmental Algebra II	T-TH	4:30-6:50	5	3305
MTH 101 Mathematical Insights	T-TH	7:00-9:20	5	3650
MTH 110 College Algebra	T-TH	4:30-6:50	5	3650
MTH 115 Calculus	M-W	4:30-6:50	5	3650
*ORI 100 Orientation	TH	4:30-6:00	1	3650
*ORI 100 Orientation	TH	7:00-8:30	1	3650
PSY 200 General Psychology	T-TH	7:00-9:20	5	3650
PSY 211 Child Growth & Development	T-TH	4:30-6:50	5	3650
QTY 103 Basic Probability & Statistics	T-TH	4:30-6:50	5	3650
SOC 200 Introduction to Sociology	M-W	7:00-9:20	5	3650
SOC 247 Marriage/Family	M-W	4:30-6:50	5	3650
SPH 106 Fundamentals of Speech	T-TH	4:30-6:50	5	3650

\*Meeting dates are March 31, April 21 & May 12th

# Defense Department eyes revised telephone policy

By TOM JOYCE

American Forces Information Service

Millions of times each day federal employees pick up telephones and dial numbers. Unfortunately, many of those telephone calls are not authorized. The U.S. government estimates that telephone-system abuse costs nearly \$100 million a year.

Although it's more difficult for employees to access dial-a-joke and daily horoscope services, the practice of making unofficial local and long-distance calls continues to be a problem.

The General Services Administration, the government's housekeeper, recently amended the Federal Information Resources Management Regulation to make the policy regarding the use of government telephones more manageable.

"The intent of GSA's revision to the regulation was to permit federal employees to make reasonable use of government telephones systems and, at the same time, to guard against abuse," said Raymond J. Lecuyer, staff assistant for base and support communications, Offices of the Assistant Secretary of Defense for Command, Control, Communications and Intelligence.

Lecuyer said DoD agrees with the General Services Administration's intent but will evaluate the financial implications associated with the agency's examples of what "may" constitute an official telephone call. The head of each agency now has the authority to designate subordinates to determine and certify what constitutes a call as necessary and in the interest of the government. Based upon this, DoD expects to implement a program that considers employee needs while making good economical sense.

Unlike the General Services Administration's Federal Telecommunications System, which has access to the public telephone system, DoD's command and control system and principal voice network, AUTOVON, is a closed system. To enable this system to access or be accessible from the public network (in

order for an employee to call home) would be a costly endeavor.

DoD has an overall general policy on the use of government telephones. It is stated in DoD Directive 5500.7, "Standards of Conduct.":

"All DoD personnel are responsible for using office telecommunications services for official use only. The term 'official use' means services directly in support of government business or as otherwise approved by DoD component authority, as defined by the DoD component, who is in the supervisory or managerial chain of command, as being in the best interest of the government."

The bottom line continues to be that government telephones in DoD, like those in all of the federal government, are to be used for official business only.

However, DoD recognizes that establishing hard and fast rules, and providing specific examples for a telecommunications system that spans the world, is difficult if not impossible to enforce from one central location.

"The military services and the defense agencies pay their own telephone bills," said Lecuyer. "Therefore, the rules regarding telephone use are easier to implement and monitor at the lower levels. DoD provides the overall general policy guidance, and the services and defense agencies write their own implementing instructions in consonance with the general guidance."

An important question remains: When is a call authorized? Until DoD estimates the financial consequences of implementing the General Services Administration examples, Lecuyer is hesitant to cite specific examples of what constitutes an official call within DoD. He said military and civilian employees should use common sense and refer to local regulations when making calls from government telephones.

Lecuyer was not hesitant to talk about practices that are strictly prohibited—practices that could result in

criminal, administrative, Uniform Code of Military Justice or civil action. Unless it is an emergency or the call has been determined to be in the best interest of the government, using any of the following services or facilities for other than official business is not allowed:

- Federal Telecommunications System;
- AUTOVON, Defense Switched Network or any other government-provided long distance telephone service;
- Commercial networks where the government pays the call;
- Making unauthorized telephone calls with the intent to later reimburse the government.

Those who are still unsure about their local policy regarding personal phone calls (for example, many detachment commanders allow health and welfare calls for those assigned to remote sites) should refer to local regulations.



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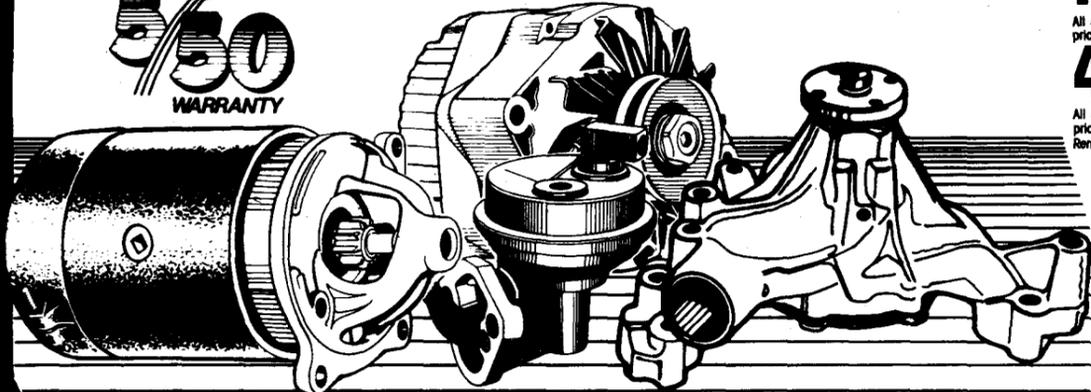
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# Dinner planned for single soldiers of the 73rd

Single soldiers of the 73rd Ordnance Battalion are invited to a spaghetti dinner hosted by the 73rd Ordnance Battalion Wives Support Group on Feb. 28 at 3 p.m. in the Post Chapel annex.

Two special spaghetti sauces will be prepared by battalion commander, Lt. Col. Richard Hochberg and battalion sergeant major, Command Sgt. Maj. Phillip Fredrich, along with salads and desserts provided by volunteers, as well as pasta and extra sauce prepared by the group.

Pam Mandrell, wife of A company's commander, Capt. Albert Mandrell, said that the idea is to provide a home-cooked meal and foster a feeling of family within the battalion. The only requirement is to sign up and come hungry.

"Signing up by Feb. 24 is very important, as we need to know how many people to plan to feed," said Mandrell. "Though we have many who are bringing salads and desserts to round out the meal, if anyone wants to bring a dish, that's fine, too. The main thing though, is to come."

The spaghetti dinner is the second meal being hosted by the Wives Support Group. A Company 73rd Ordnance Battalion is helping with planning and coordinating for support for the dinner. The 515th Ordnance Company is also providing support, through the use of its field kitchen equipment.

"This dinner is free, with no obligation to those who want to come," said Nancy Nimmons, wife of 1st Sgt. David Nimmons of A Company. "I feel good about doing this for the soldiers. As an NCO's wife, I feel that it's part of my responsibility to help take care of the troops when I can. The benefit of the troops, that's what's important about this dinner."

The 73rd Ordnance Battalion Wives Support Group's goal is to establish communication and show that someone cares about soldiers and their families in the battalion, said Jean Hochberg, wife of Lt. Col. Hochberg.

"We want to establish a 'chain of concern' in the battalion and make soldiers feel welcome," said Hochberg, "this wives group is for all wives who are

interested in getting involved, not just officers and seniors NCO's wives."

Hochberg also said that many of the companies are forming their own company groups and that interested spouses are urged to contact their first sergeant's wives for more details.

The first dinner was headed by the Wives Supports Group members of B Company, 73rd Ordnance Battalion and the next will be headed by the wives of C Company 73rd Ordnance Battalion.

Soldiers planning to go to the Single Soldiers' Dinner are encouraged to sign up with their companies as soon as possible.

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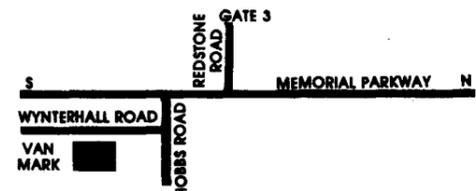
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# Bass anglers eye tourneys

Local bass anglers will get together tonight and begin pairing up for this year's point tournaments.

The North Alabama Military Bass Anglers Association meets at 7 tonight at the NCO Club. A major item of business will be the pairing of partners for the first 1988 MBAA point tournament trail.

CSM Billy Prysock of the Missile Command is the scheduled guest speaker. After the meeting Gary Woods, a national champion, will demonstrate the technique of "flipping." Flipping is a unique style of fishing with artificial bait.

"We're still looking for new members," said Don Larimore, the north Alabama district director for MBAA. "And anybody that works for a government contractor is eligible to fish MBAA." Others eligible include active duty or reserve military, Army civilians, veterans, and their family members age 16 or older.

"We fish every month but there are five 'point' tournaments," Larimore said. These include Feb. 27 at Decatur Boat Harbour; March 26 at Wilson Lake, Turtle Point; April 16 at Wheeler, Lee High Bridge; May 28 at Goose Pond, Guntersville Lake; and June 11 at Browns Creek, Guntersville Lake.

The state tournament is set for July 9-10 out of Lake Point Marina on Eufaula Lake. The nationals will be held Sept. 5-10 at Kerr Lake on the North Carolina and Virginia border; headquarters will be the Holiday Inn at Henderson, N.C.

North Alabama MBAA has about 40 members. For more information, call Larimore at 876-4138 or 582-0346 (after 5 p.m.).

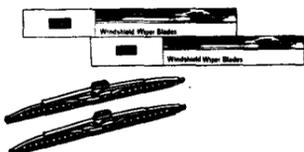


**CASINO NIGHT DANCERS** — (From left) Debbie Miller, Ann Patterson, Jean King and Romey Johnson practice steps from the routine they're planning for the Officers Wives Club Casino Night Feb. 20. The evening, centered around a showboat theme, will feature a cash raw bar, games, a floor show, auction and door prizes. Admission to the casino

night is \$5 for advance sales and \$6 at the door. The Officers Club is offering a cajun dinner in conjunction with the event. Tickets are available at the Officers Club cashiers cage. For more information call Nancy Hecker 830-1913, Anne Lewis 880-6701 or Christa Devanney 881-0033.

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Date: March 12, 1988, Saturday  
 Time: 9:00 am to 4:00 pm  
 Location: UAH Campus  
 Fee: \$145 (includes lunch)  
 CEUs: 0.7

Our featured speaker, Bernd Billmeyer, is a Professional Photographer. He earned his bachelors degree in Fine Arts and has received the New York Institute of Photography Certificate. His work is acclaimed worldwide and has made him an award-winning photographer.

This seminar also counts as an elective in the UAH Continuing Education Photography Certificate Program.

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# Model Installation Program slashes red tape

By **JIM GARAMONE**  
American Forces Information Service

Commanders of posts and bases around the world now are taking advantage of a program that allows them to help rewrite or get a waiver to regulations that stop them from doing their jobs "smart."

Called the Model Installation Program, it has been adopted and expanded throughout the Department of Defense and the services. The expanded version is called the "Graduate Program," and the idea is that all installations will benefit from the model installation experience.

The Graduate Program places the responsibility for running an installation with the commander.

"In the past, the commander had all the responsibility for an installation but little of the authority to run it," said Gerry Kauvar, the director of the Model Installation Graduate Program. "This program gives the commander the authority to make decisions on what is best for his base and how to accomplish the mission."

The Graduate Program came from a one-page directive issued on Sept. 4, 1986. The services have phased in the program according to their own schedule. The program starts with four working points.

First, the commander is responsible for what goes on at his installation, and he should have the authority to actually run the base or post. He doesn't need to have his hands tied by superfluous regulations.

Second, headquarters is there to help, not hinder, the commander. This translates into giving the post and base commanders the leeway to determine the best way to accomplish their missions. In addition, it means a thorough scrub of all regulations by the services. This will help eliminate some micro-managing, that all headquarters tend to be guilty of.

Third, the program lets installations commanders purchase goods and services wherever they get the best combination of quality, responsiveness and cost.

Fourth, the commanders get to keep a share of the

resources they save and shift it to other programs that, in their estimation, can use it.

There are several examples where the four working points have aided commanders. "At McGuire Air Force Base (N.J.), a regulation said that C-141s (Starlifters) were brought in for a major maintenance inspection every 150 days, even if they had just been in for unscheduled depot repairs or inspections," said Kauvar. "The 'clock' on those 150 days ran whether the plane flew or not. So the Air Force changed the regulation when the base commander sent in a waiver request. The result was the equivalent of an extra \$30 million C-141 on the flight line."

Another example occurred at the Naval Research and Development Center in China Lake, Calif., where miles and miles of roads were painted every few months. The center bought paint from the General Services Administration. "When they looked at the California roads, they noticed that they needed painting only every two years," said Kauvar. "Instead of buying the paint from GSA, they bought the paint from the California Highway Department. Not only did it last longer, but it was cheaper to begin with."

To show how detailed some rules and regulations get, Kauvar cited a case at a depot where a woman repaired clipboards. "Rules said she couldn't take the spring out of the clipboard before repairing it. Now why would a rule get that detailed?" he asked.

Kauvar gave an example of how a base commander was able to shift money from one account to another to get the mission accomplished. "The commander of Fairchild Air Force Base (Wash.) needed to pave the hospital parking lot. He didn't have the money in the hospital budget, so he transferred it from another account," said Kauvar. "He would not have been able to do that under the old way of doing business."

The commander of Fort Hood, Texas, estimated that under the Model Installation Program, he had saved \$900,000 in fiscal 1987.

"The beauty behind the program is commanders get

to 'keep' the savings at their posts and bases. You're 'saving' it for yourself," said Sonny White, the deputy director of the Graduate Program. "If a commander effects a savings, he doesn't turn it over to a higher headquarters. In the past, he would. Under this program, local commanders keep the money and invest it in their installations. This means there is a strong incentive to do things smarter."

The Army has started a scrub of its more than 5,700 regulations with the goal of eliminating one-third of them. Air Force officials granted waivers on cases that reached them for the entire Air Force, not just one base, 32 percent of the time.

But all this effort is not worth anything unless there is a corresponding rise in combat readiness, according to Kauvar. "From everything we've been able to gather, there appears to be a 3 percent increase in effectiveness at the test installations. If you program this over the whole of DoD, you get an improvement worth \$3 billion. That's just for doing business smarter."

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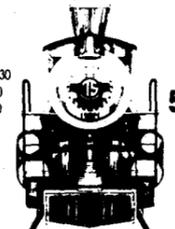
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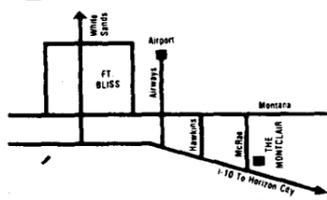
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# Announcements

## West Point grads

Graduates of the U.S. Military Academy and their guests will celebrate West Point's 186th anniversary at the Officers Club at 6:15 p.m. Friday, March 4. Graduates, parents of graduates, and former cadets of all U.S. and foreign military, Air Force, and Naval Academies are welcome together with their spouses. For more information, call retired Col. Louis G. Hergert Jr. 882-3031 or 533-5900.

## Volunteer of year

The Redstone Arsenal Volunteer of the Year Awards Program is being implemented as part of the installation volunteer coordinator's efforts to increase volunteer recognition in the community. Anyone who wishes to nominate a candidate for this award may pick up a nomination form at building 112, room 203. Nominations must be received by March 1. For more information call Sue Paddock, the installation volunteer coordinator, 876-7391

## Engineers week

Roland Tibbets, who created the Small Business Innovative Research program in 1977 and serves as the SBIR program manager for the National Science Foundation, is the scheduled speaker for the Engineers Week Banquet set for 6:30 p.m. Thursday, Feb. 25 at the Von Braun Civic Center. Engineers Week is sponsored by 28 science and engineering organizations in Huntsville representing more than 4,000 practicing engineers. Activities in addition to the banquet include projects with local high schools, the "Mathcounts" competition, and the Engineers Week 10-kilometer race at Redstone Arsenal. For more information and banquet tickets, call Dr. Ken Thompson of the UAH College of Engineering 895-6474.

## Federal women

North Alabama Chapter of Federally Employed Women will meet at 5:30 p.m. Feb. 24 at Shoney's, 3301 Memorial Parkway SW (near Drake Avenue). The program will feature a panel from HOPE Place, a center for abused women. Panel members will include counselors, staff, and victims who will discuss abuse of women and its effects. Reservations are not necessary. For more information, call Marie Osmer 876-4150/4158 or Sheila Jarvis 876-3564.

## OWC scholarships

The Officers Wives Club will present one or more Merit Awards of up to \$1,000 each to eligible graduating high school seniors who plan to attend an accredited two or four year college, and to undergraduate college students. Applicants must be a family member of active duty, retired, or deceased commissioned or warrant officers whose mothers have maintained continuous membership in OWC and joined within 90 days of arrival at Redstone Arsenal. Students on fully paid scholarships or who have previously received this award are not eligible. Also, Merit Award applications are now available to OWC members who have been accepted or who are attending an accredited two or four year college as an undergraduate or graduate student. Applicants must have maintained continuous membership in OWC and joined within 90 days of arrival at Redstone. The deadline to apply for merit awards is March 15. For more information call Ann Patterson, the merit awards chairman, 837-6579.

## Old GI Bill

If you had a break in service and are eligible for "Old GI Bill" benefits, you should contact the Veterans Administration 539-7742 and they will tell you the forms that must be submitted in order to activate a file, according to the Education Center. This must be done immediately; otherwise, there will be a delay in VA payment.



## Effective writing

The Basic Skills Education Program is offering NCO effective writing classes Feb. 22-March 25 and April 11-May 27. If your unit is interested in this 40-hour, two-week block of instruction, call Lola Haas 876-3205.

## Testing office

Due to federal budget cuts, the DANTES testing office will only be open one day a week. Call Sandra Sasso at 876-9764/3205 for an appointment.

## Musical

"Godspell," a musical based on the gospel of St. Matthew, will be performed Thursday through Saturday, Feb. 18-20 at Asbury United Methodist Church on Hughes Road in Madison. Performances are set for 7:30 Thursday and Friday nights, with a 2:30 p.m. Saturday matinee. The performers include Pamela Reece, an intelligence clerk at the Missile and Space Intelligence Center. Tickets cost \$5, or \$6 at the door. For tickets call Melanee Strahinic 837-7234.

## Chapel events

A Protestant Wednesday Service will be held tonight at 7 at Post Chapel. A Lenten Chapel Seminar will begin on Feb. 21 and run through March 27, each Sunday from 5-6:30 p.m., at Bicentennial Chapel. Adult seminars include the following: "Know your faith—know the faith of others" led by a rabbi, a priest, and a Protestant chaplain; "Growing in self understanding" led by Chaplain Whiteside and Chaplain Walker; and "Know your gospel—Luke" led by Chaplain Presley. Youth Seminars for CYOC Senior High are led by Maggie Coyne; CYOC Junior High are led by Mary Ann Kelly; PYOC Senior High are led by Ray and Debbie Spears; and PYOC Junior High are led by Jean King. The children's seminar, "Prince, Princess and Frogs," is led by Chaplain Meyer and Phyllis Gibat; this is for children ages 3-11. A nursery will be provided for toddlers and infants. All are invited to attend.

## Cancer support group

Huntsville Cancer Treatment Center announces the formation of a support group for cancer patients and their families. The first meeting is set for 7 p.m. Monday, Feb. 22 at the center located at 502 Governors Drive. For more information, call 539-2791.



## Spot bid sale

A local spot bid sale of government surplus property will be held Feb. 24 in the Defense Reutilization & Marketing Sale building 7427 on Warehouse Road. Registration starts at 7:30 a.m. and the sale begins at 8:30. Some of the items for sale include typewriters, calculators, desks, chairs, wall partitions, tables, light fixtures, dressers, televisions, books, cameras, slide projectors; and fired, empty shotgun shells. The items will be available for inspection Feb. 19, 22 and 23 in building 7427.

## Weather week

Gov. Guy Hunt, in cooperation with the National Weather Service and the Alabama Emergency Management Agency, has proclaimed Feb. 22-26 as Severe Weather Awareness Week in Alabama. Alabama experienced a relatively light year for tornadoes in 1987 with only seven tornadoes and one death—far below the average of 21 tornadoes and eight deaths per year. Alabama ranks fifth among all states in average number of tornado deaths. Also, lightning and flash floods continued as significant severe weather killers during 1987. Severe Weather Awareness Week will allow Alabamians "to focus on and to increase their knowledge of how to protect themselves from severe weather events such as tornadoes, thunderstorms, flash floods, and lightning."

## Childbirth classes

Lamaze classes will begin in March at Fox Army Community Hospital. Classes will be held on Tuesdays from 6-8 p.m. Call Ann Bianchi, RN, 830-4412 for details.

## Pipe band

The Huntsville Highlanders Pipe Band meets every Tuesday at 7 p.m. at Saint Charles Anglican Church, 212 Washington St. If you are interested in either Scottish piping or Scottish drumming, call Mike Lyon 880-1089 or John Allen (in Decatur) 355-9484.

## Canoe club

The Huntsville Canoe Club meets the third Thursday of each month at 7 p.m. at the Red Cross building, 1101 Washington St. For more information, call Buddy Flynn 772-0525.

## OWC charity fund

The Redstone Arsenal Officers Wives Club is accepting requests from charitable organizations for financial assistance. Written requests, outlining on-going programs and reasons financial assistance is needed, should be mailed to Patti Chatfield, welfare chairman, RSAOWC, 18 Ripley Drive, Redstone Arsenal, Ala. 35808. Requests should be received by March 15.

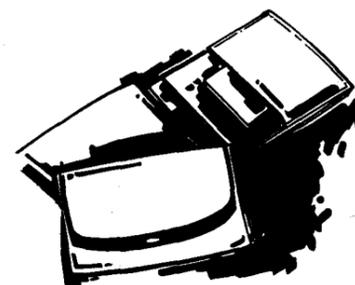
## Childrens club

The Rainbow Christian Childrens Club is starting soon. Children age 5-12 are welcome. Parents interested in having their children participate or who are interested in helping with the club can call Mrs. Davis 876-2873 or after 5 p.m. 721-0718.



## Youth soccer

All returning and new soccer players must register by Monday, Feb. 22 at Youth Activities, building 114. Evaluation and classification of players will be conducted that day. For more information call Ted Compoc, youth sports director, 876-2255.



## Financial planning

The Financial Planning/Consumer Affairs Office of Army Community Service can help active duty and retired military members and their spouses who are having difficulty meeting creditor demands for payment by giving advice, support and direct intervention. DoD civilians can also get assistance on a space-available basis. For more information call Dan Kelly 876-2859.

## Movie schedule

Here's the schedule for the Post Theater. Saturday, Feb. 20, *Pinocchio and the Emperor of the Night*, rated G, 87 minutes; Sunday, Feb. 21 and Tuesday, Feb. 23, *Overboard*, rated PG, 112 minutes; Thursday, Feb. 25, *The Principal*, rated R, 110 minutes; Friday, Feb. 26, *Steel Dawn*, rated R, 104 minutes.



# Carpool Hotline

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Two riders wanted from Gadsden, Boaz, Albertville or Guntersville area to 5681, 5678 or Research Park, hours 6:30-3. Hyman Paul 895-5515.

## Guntersville

Carpool or ride wanted from Guntersville to 5687, hours 6:30-3 or 7-3:30. Carolyn Spray 876-7035/7097.

# classifieds

Federal law makes it illegal to advertise any preference, limitation or discrimination in housing based on race, color, religion, or national origin. The REDSTONE ROCKET will not knowingly accept advertising that is in violation of the law, and readers and advertisers are hereby informed that all dwellings advertised in this newspaper are available on an equal opportunity basis.

According to the Inspector General, the use of office phone numbers in classified advertising is contrary to regulation. Please submit home numbers only.

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**FOR SALE:** Home in Arab, approximately 1,650 sq. ft., all brick, hardwood floors, 3 bedrooms, 2 baths, asking \$49,900. Half mile from high school, primary and elementary school. Call 586-5795 or 586-3527 (Arab) after 5:30 p.m.

**FOR SALE:** Two men's bicycles, 26 inch Nashiki 10 speed \$85 and 27 inch Murray 12 speed \$65. Two table lamps with neutral color shades and glass bases finished as antique brass \$15 each or \$25 pair. Electric Weed Eater \$30. Call 881-2561.

**FOR SALE:** 1982 Datsun 280 ZX. Two plus two, power windows, power steering, power antenna, power door locks, factory AM/FM cassette stereo, air, cruise control, rear window defrost, remote rear hatch and full access cover releases, intermittent front wipers, rear wipers, five speed. Excellent mechanically, 46,000 miles by original owner. Brown metallic paint, pin stripping, factory mag wheels, tan suede/leather interior, service manual. \$7,500 book value. Call 721-1791 after 6 p.m.

**FOR SALE:** 1987 Dodge Colt DL. Air conditioning, AM/FM stereo, automatic transmission, Michelin tires, rear window defroster, transferrable extended warranty package. Asking \$7,250. Call 882-9575.

**FOR SALE:** 1984 RZ 350 Yamaha, 2 stroke, asking \$1,100. And a 1985 XL 600R Honda, asking \$800. Both in excellent condition. Call 721-1726 after 5 p.m.

**FOR SALE:** Sliding cupboard doors, complete with tracks and hardware for opening 60 inches wide by 80 inches high, \$40. Call 883-0417.

**FOR SALE:** 1981 Chevrolet Chevette, silver, AM/FM stereo, air, one owner, except for approximately 9,000 miles, gets excellent gas mileage, must sell, \$795 or best offer. Two carpets, like new 9x12, one rust, one beige intermingled with tan color, carpets have no stains and are in excellent condition. Will sacrifice for \$75 each or \$140 for both. Please call 880-2018.

**WANTED:** Wallpaper hanging jobs. Quality work offered for reasonable price by Hill and Bennett. Please call 232-4577 or 729-6504.

**FOR SALE:** 1983 Mazda RX-7 GSL, white with red interior, sunroof, AM/FM cassette, \$5,500 or reasonable offer. Call 772-8799 after 5 p.m.

**FOR RENT:** Spend a week or weekend in the Smoky Mountains, Franklin, N.C. Two bedroom, one bath house. See major Tennessee and N.C. attractions. For reservations call Emerson (305) 238-6456.

**FOR SALE:** 1987 Sylvania 17 ft., V-Hull, walk-thru windshield, 130 HP OMC Cobra I/O, Supertrail trailer, top, gauges, sport deck, swim platform, approximately 15 hours operation, under warranty. List for \$10,300 will sell for \$8,850 or best offer. Call 353-4350.

**FOR RENT:** One bedroom apartment, duplex, \$150 per month, no deposit, private bath, share kitchen, near Redstone Arsenal. Call 534-5948 after 3 p.m.

**FOR SALE:** Big Blue Printer by Canon, 8.5" letter size, 80 column thermal printer, complete with Commodore 64/128 interface, if interested call 830-4952. Asking \$40.

**FOR SALE:** 1976 Plymouth Volare, air, power steering and brakes, very good condition, \$1,000 firm. Beige living room rug 12x5 \$60; Singer sewing machine, model 247, \$75; Cosco infant seat, \$20; weedeater, 14" edger/trimmer, \$25; Schwinn 10 speed with child carrier, \$45. Call Ed after 5 at 895-9894.

**FOR SALE:** 1986 Chevrolet Celebrity, four cylinder, four door sedan, new tires, new brakes, excellent gas mileage, one owner, 42,000 miles, very clean, \$7,500. Call 586-5795 (Arab) after 5 p.m.

**FOR SALE:** Two homes in Arab, approximately 1,100 sq. ft. Both have 3 bedrooms and 1 bath. Call 586-5795 or 586-3527 (Arab) after 5:30 p.m.

**FOR SALE:** 1974 Cadillac Deville. Four door, gold in color. Good condition. Asking \$500. Call 536-3362.

**FOR SALE:** Excess items. I buy things by the box, truckload or a complete house full. No clothes or shoes. Call MSgt Rice 830-1032 or 757-1967.

**FOR SALE OR TRADE:** 20 to 30 Army box springs from property disposal sale. Will trade for anything of equal value. Must sell or trade before March 1 to clear building. Call 830-1032.

**TDY UNITS:** Available on Old Madison Pike near Gate 9 and off Drake near Gate 8. Call 880-3207 or 721-0239.

**FOR SALE:** Excellent quality Bragg's sofa \$400; Cherry dining table and four chairs \$400; RCA 19" color TV (6 months old) \$175; Wicker grouping \$450; white iron bed (full size) with stearns and Foster bedding (six months old) \$450; assorted pictures and flower arrangements. Call 883-2847.

**FOR SALE:** Rust colored carpet 12x14 with pad \$45; beige carpet with pad 9x12 \$15; blue carpet 9x12 \$15; light brown carpet 6x9 \$15; two sets of drapes, 81 inches long, \$10 each set; two sets of Sears Mushroom curtains \$7.50 each set; kitchen table (white) \$10. Call 837-0395.

**FOR SALE:** Large house, approximately 3,000 square feet of living area, excellent for medium (5) to large (7) family, 2 1/2 baths, all large rooms, best deal in town at \$85,900 or best offer. Call 895-9399.

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With Lift Off Correction Tabs \$150  
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**FOR SALE:** Fully loaded, self contained mini motorhome, purchased in April 1987, immaculate condition, only 6,500 highway miles, cab is a one ton Chevrolet with tilt, air, power steering, brakes, automatic, AM/FM cassette, cruise, coach sleeps six and includes two twin beds in rear, new 4.0 KW ONAM generator with less than 60 hours running time, other major additional options are: microwave, 13,500 BTU roof air, wheel covers, spare, sideboards, mounted amplified TV antenna. Financed through RSAFCU with a loan value of \$32,700. If interested call Capt. Mandrell at 837-1081.

**OPEN HOUSE, SUNDA 2-4:** Cedar Rancher, 3913 Fair Oak Lane, between Conger and Squaw Valley, three bedrooms, two full baths, large living room with fireplace, separate dining room, single garage, fenced yard with screened porch, excellent condition, by owner, 883-5795.

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**FOR SALE:** Atari 800 XL computer with assorted software; educational programs, word processor, games \$275. Atari 1050 disk drive, uses 5 1/2 floppy disks \$110. Schwinn Predator racing bike \$175. Call 830-8334.

**FOR SALE:** 1986 Honda Civic station wagon, fully equipped, 19,000 miles, one owner, \$8,500. Call 880-1362 after 5 p.m.

**FOR RENT:** Condo in Destin, Florida, well equipped, sleeps six, six hour drive, \$50 per night, \$300 per week (\$60 per night; \$360 per week after Memorial Day). Call 881-9134.

**FOR SALE:** Dress Blues, worn once; coat 42 long; trousers 34 waist; \$150 or best offer; includes hat, tie, suspenders. Call 776-3168.

**FOR SALE:** Two European wedding dresses, headdress and hoop, \$150 and \$300. Utility shelving units. Three piece living room set, \$150. Queen German bed with slats and mattresses. After 1730, Ms. Watson 882-6269.

**FOR SALE:** Prom/dance dresses, royal blue sequin trim top, size six, Mike Benet, purchased for \$400 will sell for \$175. Red chiffon, Mike Benet, elegant with rhinestone trim, purchased for \$250, will sell for \$100, size 4-6. Multi-colored long dress, size six \$40. Short lace, mauve, size 4-6, low back with bow \$40. Beige dot lace, one shoulder, short, size six \$35. Call 776-9431 after 6:30 p.m.

**WANTED:** Six cylinder Firebird or Camaro. Call 881-0692 or 881-1373.

## Warning Signs of Kidney Disease

Following are seven Warning Signs that may indicate you have a problem with your kidneys:

- Swelling of parts of the body
- Lower back pains
- Burning or abnormal sensation during urination
- Bloody or coffee colored urine
- Changes in the pattern of urination such as increased frequency
- Puffiness around the eyes, particularly in children
- Listless or tired feeling

If any of these symptoms occur singly or in any combination, consult your physician immediately.



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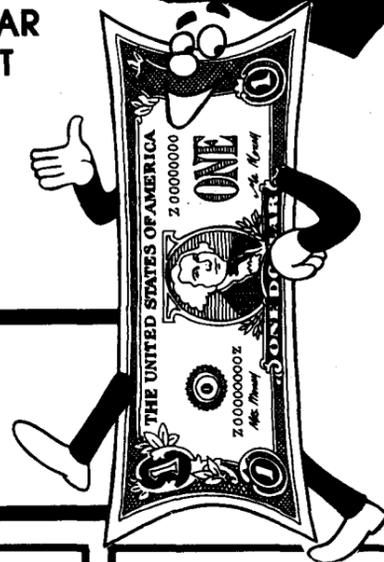
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