

The Redstone Rocket

Vol. XXIX; No. 20

Circulation 14,000

October 1, 1980

IMAAWS contract is \$35 million

The Army Missile Command has awarded competitive contracts totaling approximately \$35 million for advanced development of a new Dragon replacement for the 1980s.

McDonnell Douglas Astronautics Co., of Huntington Beach, Calif., has received approximately \$20.5 million and Honeywell, Inc., of Hopkins, Minn. approximately \$15 million for development of the Infantry Manportable Anti-Armor Assault Weapon System (IMAAWS).

Lt. Col. Thomas Kunhart heads the IMAAWS development office at Redstone Arsenal where much of the testing under the two-year flight demonstration program will be conducted. In addition to the Honeywell and McDonnell Douglas concepts, the Army is managing another program for the Advanced Research Projects Agency called Tank Breaker.

MICOM earlier this year awarded approximately \$1 million each to Hughes, McDonnell Douglas, Texas Instruments and Rockwell International for concept definition studies on Tank Breaker. Additional contracts will be awarded in the near future for the flight demonstration program.

After completing flight tests on IMAAWS and Tank Breaker, the Army will select the most promising concept for further development.

Age rule begins today in lounges

BY SKIP VAUGHN

Beginning today, 50 liquor-licensed lounges in the Huntsville area are off limits to everyone under age 19 regardless of military or marital status.

Lorraine Krzyzewski, state Alcohol Beverage Control agent in Madison County, said violators will face possibility of confinement in the city or county jail or, is under 18, in the local juvenile detention home.

"When on a military post it could be one thing, but when off post and outside military jurisdiction it comes under state law. In this state, it's 19 and above that could drink," Krzyzewski said.

The state law effective this date forbids physical presence of minors on premises classified as liquor-licensed lounges. In the past, officials had to observe a minor drinking before an arrest could be made, Krzyzewski said.

Act 80-529, passed in April, set two classifications for liquor licenses. Liquor-licensed lounges are off limits to persons under 19 but restaurant liquor establishments are not.

These restaurant liquor establishments, which primarily serve food, can be frequented by minors who are forbidden from drinking alcoholic beverages. "They can go and enjoy the entertainment at those but they can still not be drinking alcoholic beverages," Krzyzewski added.

About three weeks ago, two 17 and 18 year old soldiers were caught drinking in a local club now classified as a liquor-licensed lounge. They were allowed to take a taxi back to the base.

"They were under the impression that because they were in the Army they could drink regardless of age," Krzyzewski said.

The penalty for being "a minor on a liquor lounge licensed premise" is a misdemeanor charge punishable by up to a \$500 fine and-or six months in jail.

Those 18 years old would be booked into the city or county jail. Those under 18 would go to the juvenile detention home "where the only one who could get (soldiers) out at that particular point in time would be their company commander," she said.

(Continued on page 9)

Air travel

Advance notice saves money and time

BY SKIP VAUGHN

Amid rapidly rising airline fares, the Army encourages personnel anticipating official trips to inform their transportation office as soon as possible.

Officials point to the Airline Deregulation Act of 1978 which they say allows airlines to file fare changes on one day's notice or less. A day's delay in filing for airline travel may mean a jump in fare of \$10 or more.

"If we did have advance notice, everyone would benefit," said Dorcas Throneberry, chief of the passenger branch in RASA's Transportation Division.

"We could do a better job for less money, the traveler would be able to perhaps get the desired schedule and the necessary paperwork could be done in a more orderly manner," she said.

By mid-September, there had been at least seven fare increases this year ranging from 2 to 12 percent, according to Throneberry.

Fares can increase so rapidly, she said, publishers of the tariffs "can't keep up with the paperwork."

The number of transportation requests from civilian and military personnel at Redstone Arsenal totaled 1,301 in June and 1,706 in July. This included 106 permanent change of station

requests in June and 157 permanent changes in July.

The majority of the TDY's for both months were civilians while the majority of the permanent movers were military.

"In the case of military personnel, I guess 99 percent of the travelers walk in a day or two before they have to leave here," Throneberry said. "You can't save anything that way. The officials at Military Personnel need to give us advance notice."

The airline fare charged is the one in effect at the time a ticket is issued — not the fare which may have been quoted earlier, according to officials.

Prospective travelers on official business can put in for a monetary allowance in lieu of a transportation request or for a government transportation request.

Before rising airline fares, more persons put in for the allowance which gives a specified amount of money for each mile, Throneberry said.

"Since the fares have increased so very, very much, if a member elects to do this he goes in the hole because he cannot buy a ticket on the amount he gets for mileage," she said.

If someone opts for a transportation request, the transportation office makes

arrangements for air or bus travel and issues a transportation document needed to buy that person's ticket.

"Our workload on that score has doubled since two or three months after deregulation when fares started escalating so fast," Throneberry said.

The transportation division takes care of official travel for the Missile Command, Patriot Project, Missile & Munitions Center and School, and the Army Ballistic Missile Defense Command.

Army officials say travelers should plan their trips so schedules will not have to be changed or tickets reissued. Any change in original flight or some part of a multiple flight schedule means the Army will have to pay any increase in fare which took effect after the original ticket was issued.

Early planning and advance reservations may also mean tickets can be purchased at discount fares, officials said.

Throneberry's files show the increase in fares since Jan. 1. A one-way ticket to Washington, D.C. cost \$102 that date and \$195 July 1; a one-way ticket to Los Angeles, \$220 Jan. 1 to \$287 July 1; and a one-way ticket to Charleston, S.C. cost \$93 Jan. 1 and \$118 July 1.

(Continued on page 9)

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Letters

Women soldiers 'uncomfortable, out of place' in parade

Editor:

Once again we have participated in a retirement parade here on Redstone Arsenal and felt uncomfortable and out of place. The reason we feel this way is because of the uniform we women are required to wear for parades. Why can't we wear helmet liners, pistol belts, and bloused boots? It would look

much more uniform than it does now with low quarters and berets.

We realize there is little protection from the sun with helmet liners on, but there is no protection with berets on and if there is ever any wind all those berets are going to end up flying away.

In our duty uniform we wear boots and we are more comfortable marching in bloused boot, because we do it everyday.

Women before us to include some of us, complained about the uniform to the Inspector General in April of this year during the annual inspection, but to no avail.

Army policy is that everything is to be uniform, but there is nothing uniform about a small number of berets and low quarters among a sea of helmet liners and bloused boots. We realize with the issuance of green shirts and blouses that it won't be for another year or two till we have total uniformity, but can't we have a little uniformity till then?

The above is the feelings of the undersigned.

4th Student Company Pamela Bashett Beverly Brown Susan Fouiot Donna Stephenson Tammy Summers	6th Student Company Susan Lowell Estella Gandar Brenda Whitman Mary Dvoroznak
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7th Student Company Melody Pyle Lana Jantz Alicia Leal Ann Stowe	8th Student Company Marlys Cox Marily Johnson Cynthia Jones Sylvia Hernandez
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Designate locally, writer urges

Editor:

When a live week old baby is cut into pieces with a sharp instrument, the butcher is called a maniac and the act is called murder of the worse type. When the same act is performed a few weeks earlier, the victim is called a fetus, the butcher is called a doctor, and the act is called abortion. Let's stop using the words "abortion" and "fetus" and just say "killing the unborn baby" and see if our attitude toward this practice will change.

Planned Parenthood-World Population promotes-encourages-performs the killing of unborn babies (terminating unwanted pregnancies) as a form of birth control. March of Dimes Birth Defects Foundation promotes the option of killing the unborn child if it has been determined that the child is "defective".

And United Way (our own CFC) helps fund these agencies. Although Planned Parenthood Assn. of Madison County has withdrawn from the local CFC, undesignated funds will still be distributed at the national level. Is this how we want our money spent? I say no — not a penny! If you participate in CFC at all, be sure to designate your donation to local agencies.

Since you began reading this letter, at least two unborn babies have been cut into pieces by — doctors? One and one-half million unborn children were killed in this way last year in this country — more than the total number of Americans killed in all the wars in which this country has ever engaged.

Can we remain indifferent to this situation?
Fred D. Peace



How did your day at the Northeast Alabama State Fair for the Exceptional People of Madison County affect you?



Sp4 Sandra A. Campbell, Co. A — "I enjoyed it because it was something good to do. It gave the kids the time of their life. Some of those kids never had someone to take up the time with them. I really enjoyed it."



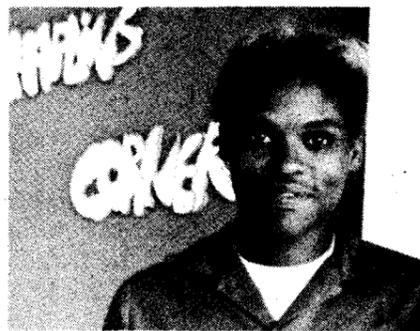
PFC Kerry D. Thomas, 6th S.C. — "I had a deep feeling inside. I had a little girl and I thought she was the sweetest girl to have. When the clown took her to put her on another ride, she ran back to me because she knew who I was. It was like she was my very own. I really enjoyed myself and I wouldn't mind doing it again."



Pv2 Alberta S. Williams, 8th S.C. — "It made you feel good helping others. The kids enjoyed it. It was an experience and I'd like to do it again."



Pv2 William F. Haines, 4th S.C. — "I enjoyed myself. I felt I was doing something for somebody that couldn't do it themselves. Everybody did their good deed for the day."



Pvt. Wanda F. Stokes, 7th S.C. — "It replaced my children that I couldn't be with at the time. It's an experience in itself. I hope it will inspire others who are not military to participate. Hopefully more military and civilians will be out in the future."



Pvt. Christine E. Lawrence, 8th S.C. — "I was really educational. It really made you feel good to help out somebody that couldn't really help themselves. I'd like to do it again."

THE REDSTONE ROCKET

The Rocket is published weekly, on Wednesday. The publisher will receive editorial content for publication in the Rocket through the Information Office, Army Missile Command, Redstone Arsenal, Ala. 35809, Bldg. 5250, Room A-134, Extension 876-1400 or 876-1500.
All advertising copy and payments therefor are received by Mrs. Patricia Brooks or Mrs. Pam Osborne, P. O. Box 5351, Huntsville, Ala., 35805, telephone 533-2703, as representatives of the publisher. The advertising office of The Rocket is located at 2400 Bob Wallace Avenue, Suite 210. Advertising deadline — both display and wanted — is 10 a.m. Monday before publication.
The Rocket is distributed free of cost to personnel at Redstone Arsenal. Mailing rates off post for The Rocket are \$12.72 a year, or \$7.42 for six months, tax included. Mailing arrangements may be made with the publisher, P. O. Box 930, Hartselle, Ala. 35640.
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Prayer services for hostages scheduled here next week

Members of the Redstone Arsenal community are invited to take part in special prayer services to be held here next week for American hostages in Iran.

President Carter has designated Monday, Oct. 6, as a day of national prayer and military chaplains worldwide have been asked by the Armed Forces Chaplains Board to conduct prayer services during the week Oct. 5-11 for the hostages and their families.

At Redstone a day of private prayer is planned, as well as a special 30-minute service for the workforce. The hostages will also be remembered here in regularly scheduled religious services.

Arsenal chaplains this Sunday will give time

in their regular services for prayers for the hostages. Sunday services are at 9 a.m. in the Post Chapel and at 10:45 a.m. in the Bicentennial Chapel. And on Monday, Oct. 6, altar settings for private prayer and meditation will be maintained at the chapels throughout the day. The prayer breakfast held Wednesdays at 6:15 a.m. in the Post Chapel will be dedicated to the hostages and their families.

All members of the military and civilian workforce are invited to a special 30-minute prayer service in the Post Chapel on Oct. 9 at 4 p.m. The service will be conducted by chaplains and soldiers, and an offering will be received which will be given to the International Red Cross for use in assisting the hostages.

Three honored with R&D awards

The Army's annual Research and Development Achievement Awards have been presented to three workers at the Army missile Laboratory here.

Dr. Marvin E. Lasser, Director of Army Research, presented the awards to Pat H. McIngvale, William W. Malcolm and Richard J. Thompson.

Thompson, a research aerospace engineer, was responsible for research, development and design for a low signature shoulder fired weapon for use in military operations in urban

terrain. "He has evolved a practical concept to fill an Army need," Thompson's citation read.

McIngvale and Malcolm are credited with "the analysis, design and development of an automatic target handoff correlation system for the Iris-Hellfire-TADS-AAH weapon system. The unique technically advanced concept will serve as the design standard to be followed by fire and forget fire control designers for years to come", according to the citation.

Missile lab cited for excellence

MICOM's Army Missile Laboratory has received the Army's prestigious Award for Laboratory Excellence.

Notification of the award came to Maj. Gen. Robert L. Moore, MICOM Commander, in a recent letter from General John R. Guthrie, DARCOM Commander. The letter read:

"Dr. Percy A. Pierre, Assistant Secretary of the Army for Research, Development and Acquisition, has announced the selection of the Missile Command Laboratory as a recipient of the Award for Laboratory Excellence for Fiscal Year 1979.

"This is a milestone achievement indicative of hard work and dedication.

You and all members of your command are to be congratulated. Please convey my appreciation for their demonstrated performance."

Gen. Moore added his congratulations to the MICOM soldiers and civilians who made it happen and who have made MICOM "... the best in the business."

"My sincere thanks go to each of you for your contributions," the general said, "and I ask for the same dedication and cohesive spirit to extend that same excellence into the future. With your help, I am confident we can continue to have the best Laboratory in DARCOM."

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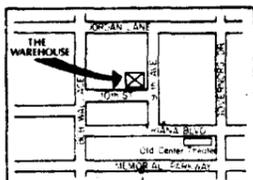
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Traffic violators must go to driving school

Motorists who are cited for traffic violations on Redstone Arsenal are likely to become classmates.

MICOM policy now requires that soldiers and civilians receiving tickets for moving traffic violations must attend a four-hour remedial drivers training course.

Don Rogers, safety specialist, said that the remedial course is a corrective measure presented by the Safety Office to deter repeated violations and is not to be confused with the defensive driving course sponsored by the National Safety Council. "The remedial class is designed to improve driver safety," Rogers said.

"Redstone Arsenal had to do something about the number of Army motor vehicle accidents," said Johnny Elliott, safety specialist and instructor. "Last year we had the fourth highest accident rate in DARCOM."

The Class is held on the last Wednesday of every month. Normally there is a two month lapse between the time the citation is given and the violator is scheduled for the class. That gives him time to protest the ticket in court.

Only in cases of illness or TDY can someone have his class time rescheduled for the next month.

The course focuses on safe driving practices, rules of the road, and night driving. Films lectures and discussions impress upon the delinquent driver the responsibilities of being behind the wheel.

"We want people to go away from here feeling that they are safer drivers," said Rogers, "although because of obvious negative feelings, some go away unchanged." Some resent what they consider a double punishment — a \$20 fine and mandatory class attendance.

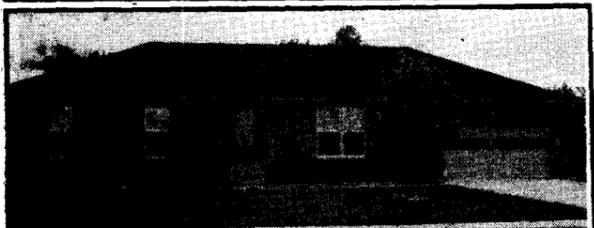
Some are concerned with how the citation will affect their driving privileges on the arsenal. Rogers stressed that the traffic citations given on Redstone do not count against the driver under the state's point system. However, they count under the arsenal's point system.

If travelling one to 10 miles an hour over the speed limit, the motorist will lose three points. When driving 20 or more miles over the limit, he loses six.

Driving privileges can be revoked after an accumulation of 12 points in one year. The Provost Marshall's Office will turn a person into the state if he has 12 or more points, or if convicted of driving under the influence.

Rogers would like all those in the remedial class to eventually take the defensive driving course. "It is a good block of instruction," he said. "The atmosphere is definitely brighter and more positive."

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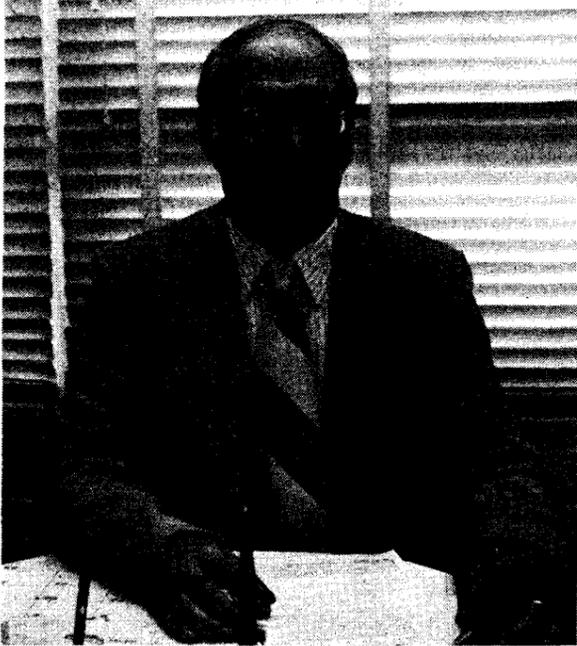
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 America's Storyteller

Good suggestions save \$3,000,000

Original ideas still pay off — over \$3,000,000 for MICOM and cash awards for two Army civilians, Virgil Hammack and Larry Hunt.

Hammack, an equipment specialist with the Pershing Project Office recognized a long-standing problem at Fort Sill, Okla. and Pueblo Depot Activity, Colo.



Hammack

As an inventory management specialist, Hunt is helping to improve the Stinger weapon system, a system that will gradually replace the Redeye missile.

To aid in this conversion, Hunt devised a way of calculating the failure rate of certain Stinger items. His idea grew from the existing computer method.

Pershing test equipment at the two sites was in mobile vans. Neither Sill nor Pueblo had a requirement for such mobility.

"The same testing procedures could be accomplished in one dismounted room," said Hammack. "It would save the cost of the four vans modification equipment and spare parts."

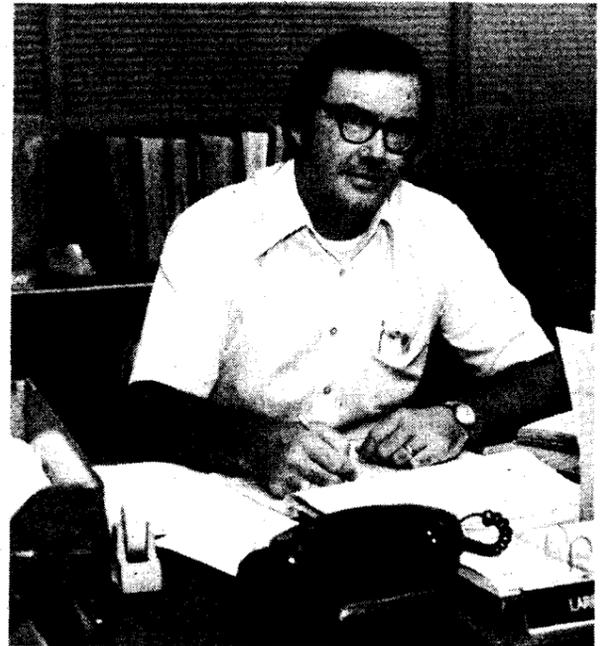
His "one shop" idea is cheaper and more practical. The estimated cost saving for MICOM is \$800,000.

"We (Materiel Management) will be better able to determine the number of replenishment items needed by the soldier," said Hunt. "The new method is really a way to compute Stinger training film stockage requirements based upon the failure data taken from similar Redeye items." MICOM can save \$3,638,198 by using the new system.

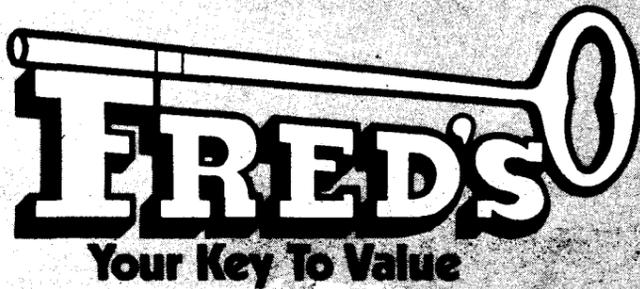
Hunt was nominated as MICOM's suggester

of the year, an award established by the National Association of Suggestion Systems in Chicago.

Both Hammack and Hunt were recently presented cash awards for their suggestions. A check for \$1,437 was awarded to Hammack. Hunt received \$4,740.



Hunt



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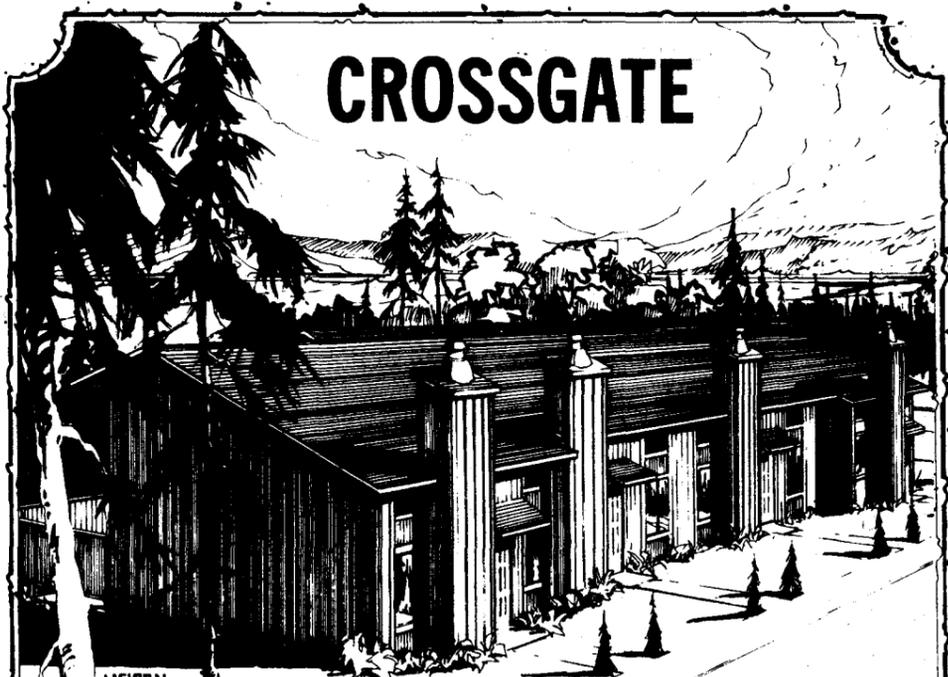
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- No. 969, 20 Acres ± located just off Barnickle Rd. in No. margin of Liberty Hill & Weakley Creek Rds., approx. 15 mi. from Pulaski, \$8,000.00
- No. 889, 13.2 Acres ± located at Rose Hill, approx. 14 mi. No. of Pulaski.
- No. 893, 15.5 Acres ± located in Hickory Glades Development off Vales Mill Rd., all pines, \$15,500.00
- No. 105, 30 Acres ± & 2 story - 3 br frame located on Donahue Creek Rd., approx. 7 mi. from Pulaski, \$34,500.00
- No. 948, 22.5 Acres ± located on Hwy. 166, approx. 5 mi. So. of Pulaski, \$22,500.00
- No. 930, 15 Acres ± located on Briarpatch corner, Elkton to Prospect Rd. \$20,000.00
- No. 108, 64 Acres ± located at Bee Springs, approx. 4 mi. from I-65 Exit at Dellrose, \$32,000.00
- No. 981, 97 Acres ± old 6 room frame dwelling with bath, located on Malone & Puncheon Rd., approx. 10 mi. from Pulaski, \$45,000.00
- No. 109, 95 Acres ± located on Little Rd. in Giles Co., some woodland, lots cropland, water, barn, \$80,000.00
- No. 985, 57 Acres ± & rustic wood & brick home on Dog Branch approx. 11 mi. So. of Pulaski, 3 br, 3 baths, full basement, barn, young timber, good spring, Only \$98,500.00
- No. 110, 132 Acres ± & 2 dwellings located 1 mi. from Coldwater, Tenn., in Lincoln Co., \$85,500.00
- No. 986, 73.6 Acres ± & 4 br frame located on Stella Rd., 1½ mi. W. of Hwy. 166, \$72,500.00
- No. 103, 79 Acres ± located on McAfee Hill to Bunker Hill Rds., old frame dwelling, cave springs, \$55,000.00
- No. 987, 100 Acres ± just No. of Peach Nill in Lawrence Co., a nature wonderland of peach and quiet, old dwelling, 2 wells, 2 springs, \$40,000.00
- No. 940, 300 Acres ± & 2 dwellings, Elkton to Prospect, and Poplar Hill Rds., lots of water, \$197,500.00
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On the other hand, you may elect to participate in the "S.B.P.", in which case, a part of your income will continue to your family after your death. However, the substantial amount your retirement check will have to be reduced each month to accomplish this, is unacceptable to many because the money that goes into the "S.B.P." purchases an annuity which is only activated upon your death. As long as you yourself are alive, you will never be able to reclaim that money. It is strictly a death benefit.

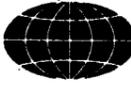
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Some cars used overseas barred from U.S. entry

DALLAS—Some cars purchased in the U.S. and used overseas with leaded gas, and "export" vehicles delivered overseas, cannot be returned to the U.S. or its possessions, according to PX officials in Dallas.

Vehicles affected are all 1981 GM cars and trucks; early 1981 Ford and Mercury models with the 2.3, and some 4.2 or 5.0 liter engines; the Lincoln with the 5.8 engine; and the Chrysler Imperial.

Domestic models of these cars and trucks will be delivered with special equipment designed to meet 1981 U.S. federal emissions standards. These vehicles are designed to run on unleaded gasoline only. The manufacturers report that if used with leaded gas (unleaded is unavailable overseas through PX service stations) these vehicles will probably not run properly.

Export models sold for overseas delivery will be without the new emission controls and since they do not meet the new emission standards they cannot be returned to the United States.

Persons who live in CONUS who are thinking about buying a 1981 GM or Ford

Motor Company vehicle should keep in mind that if they buy one of the domestic models, or the Chrysler Imperial; they will not be able to use it overseas without experiencing a deterioration of the fuel system which will probably cause operating and drivability problems.

Those living overseas who are thinking about buying a car or truck for use overseas and then shipping it to CONUS should remember the GM or Ford Motor Company vehicles listed above cannot be returned to the U.S. as they will not meet the 1981 federal emissions standards. Chrysler will not sell the Imperial overseas.

All cars not meeting the 1981 federal emissions standards will be impounded by customs at port of entry.

Vehicle buyers overseas will be advised by salesmen both orally and in writing about whether or not the particular model they buy

can be returned to CONUS. Buyers of the models cited above must sign a statement indicating that they understand they cannot ship their car or truck to the U.S.

Models not listed above will be equipped to meet the new federal emissions standards; however, they will be convertible to leaded gas and back to unleaded at a reasonable cost. American Motors and Chrysler vehicles (except the Imperial) can be converted for use overseas and can be reconverted for return shipment to the U.S. or its possessions.

GM says this situation will affect their entire line throughout 1981, Ford advises that they expect their problems to be temporary, and they may be able to have engines later in the year that can be converted from unleaded to leaded gas and back to unleaded. The customer will be advised by the salesman when this option becomes available.

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FORM GRAND CHAMPION	
1st Place Black Belt (Men) VS 1st Place Red - Brown Belt (Men) VS 1st Place Black - Red - Brown Belt Women	

TIME

REGISTRATION 8:30 A.M.
ELIMINATIONS 10:30 A.M.
FINALS 7:00 P.M.

FORM CONTEST

BLACK BELT	1st, 2nd, 3rd
BROWN OR RED BELT	1st, 2nd, 3rd
BLUE OR GREEN BELT	1st, 2nd, 3rd
ORANGE OR YELLOW BELT	1st, 2nd, 3rd
WHITE BELT	1st, 2nd, 3rd
WOMEN ADVANCED	1st, 2nd, 3rd
WOMEN BEGINNERS	1st, 2nd, 3rd
JUNIORS ADVANCED	1st, 2nd, 3rd
JUNIORS BEGINNERS	1st, 2nd, 3rd
PEE WEE ADVANCED	1st, 2nd, 3rd
PEE WEE BEGINNERS	1st, 2nd, 3rd
MINI PEE WEE ADVANCED	1st, 2nd, 3rd
MINI PEE WEE BEGINNERS	1st, 2nd, 3rd
SENIORS ADVANCED	1st, 2nd, 3rd
SENIORS BEGINNERS	1st, 2nd, 3rd
WEAPONS ALL BELTS	1st, 2nd, 3rd
BREAKING (you must supply your own materials)	1st, 2nd, 3rd
BLACK BELT	1st, 2nd, 3rd
BROWN BELT	1st, 2nd, 3rd
PEE WEE (under 12 years)	1st, 2nd, 3rd
MINI PEE WEE (under 8 years)	1st, 2nd, 3rd

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FREE SPARRING

BLACK BELT	Light	1st, 2nd, 3rd
	Heavy	1st, 2nd, 3rd
BROWN OR RED BELT	Light	1st, 2nd, 3rd
	Heavy	1st, 2nd, 3rd
BLUE OR GREEN BELT	Light	1st, 2nd, 3rd
	Heavy	1st, 2nd, 3rd
ORANGE OR YELLOW	Light	1st, 2nd, 3rd
	Heavy	1st, 2nd, 3rd
WHITE BELT	Light	1st, 2nd, 3rd
	Heavy	1st, 2nd, 3rd
WOMEN ADVANCED		1st, 2nd, 3rd
WOMEN BEGINNERS		1st, 2nd, 3rd
JUNIORS ADVANCED		1st, 2nd, 3rd
(age 13-15 yrs. Red & Brown Belt)		
JUNIORS BEGINNERS		1st, 2nd, 3rd
(age 13-15 yrs., Green Belt & under)		
PEE WEE ADVANCED		1st, 2nd, 3rd
(age 9-12 yrs.)		
PEE WEE BEGINNERS		1st, 2nd, 3rd
(age 9-12 yrs.)		
MINI PEE WEE ADVANCED		1st, 2nd, 3rd
(under 8 yrs. old)		
MINI PEE WEE BEGINNERS		1st, 2nd, 3rd
SENIORS ADVANCED		1st, 2nd, 3rd
(35 yrs. and older)		
SENIORS BEGINNERS		1st, 2nd, 3rd

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Lounges

(From front page)

Krzyzewski provided this list of 50 Madison County liquor-licensed lounges, all of which are off limits to persons under age 19. Any liquor establishment not listed is considered a restaurant liquor premise where minors can go but are forbidden to drink:

After Dark, 2404 Jordan Lane; Buster's Lounge, 4730 University Drive; Frontier Club, 1117 Jordan Lane (formerly The Canebrake); Carousel Club, 3000 University Drive; Cat & Mouse Club, 1303C Boxwood Court; Cher's Club, 4864 Governors Drive; The Crown Room & Social Club (the lounge in Pin Palace Bowling Lanes), 2006 Country Club Ave.; — Dee's Welcome Inn, 2501 9th Ave.; House of Alpha, 4301 Oakwood Ave.; Ebony

Club, Triana, Ala.; The Ember Club (at Queens Motor Lodge), 10013 South Memorial Parkway.

Finnegan's, 3310 South Parkway; Flamingo Club, 2313 North Parkway; Heavy Traffic Disco, 2407 Holmes Ave.; The Hideaway Lounge, 2011 Cox Ave.; Esquire Club (Hogue's Lounge), 3701 Governors Drive; Hour Glass Club, 1022 North Parkway; Jay's Lounge, 619 Meridian St.; Jetstar Club, 3414 South Parkway; Long Branch Lounge, 4710 University Drive; Patrick's, 115 East Clinton St. downtown; The Mirror Pub, 9021 South Parkway; Mister G's, 103 Queensbury Drive; Moody Monday's, 718 Church St.

Napoleon's Nook, 3305 Bob Wallace Ave.; Orbit Lounge, 2572 Sparkman Drive; Papa Joe's, 4714 Governors Drive; Silver Nugget, 2322 South Parkway; Plush Horse, 2021 Golf Road; The River Club, Triana, Ala.; Ruby's, 2002

13th St.; Steve's Cafe & Lounge, 2322 South Parkway; Stonehenge at the Mall; Sundown Club, 408 Oakwood Ave.; Bronco's, 5000 Balmoral Drive; The Gathering Spot, 2020 Golf Road; The Hickory House Lounge, 303 Oakwood Ave.; The Hunt (Raz's Go-Go), 3709 Governors Drive.

The Last Word, 1303A Boxwood Court; The Night Life Club (Chuckie's Disco), 1204 Posey St.; The Outhouse Lounge (the lounge inside South Parkway Lanes); The Pendulum, 13015 South Parkway; Xanadu (the Vapors Club), 2407 South Parkway; The 19th Hole Lounge, 7918 South Parkway; Top Hat Lounge, 502 Jordan Lane; Freddy's Lounge, 5009 Governors Drive; Cash McCools, 8924 South Parkway; Butch Cassidy's at The Mall; The Falcon Club (formerly The Cheyenne Club), 12531 South Parkway; Darlene's Place, 2901 North Parkway.

Air travel

(From front page)

The intent of the deregulation act was to rely on competition rather than government regulation to control the airlines. By 1983, the Civil Aeronautics Board will no longer have any authority over routes or fares, and, in the process of phasing out its control, is said to be

very liberal in carrier entry, new routes and fares.

Throneberry has advice for civilian and military people. "I think their (official) travel plans should be made known as soon as they know them, and make sure the transportation office knows," she said.

"The transportation office should know of their travel date as soon as possible."

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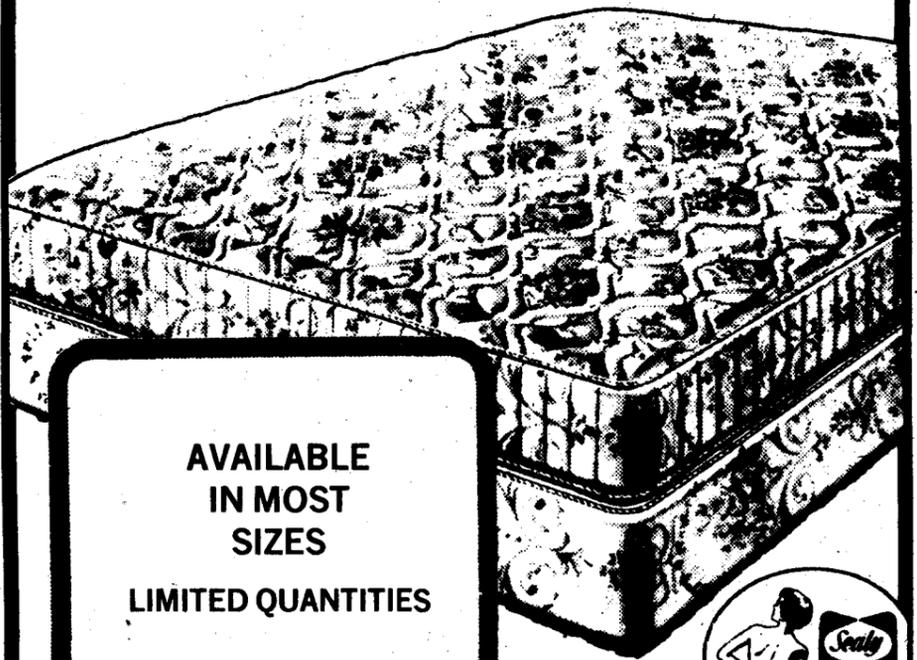


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Infantry, cavalry vehicles 'perfect companions'

Some officials are describing them as the perfect companions -- what you always wanted and needed. We're not talking about men or women or cats or dogs . . . we're talking about fighting vehicles!

The M2 Infantry Fighting Vehicle (IFV) and the M3 Cavalry Fighting Vehicle (CFV) -- perfect companions for the XM1 Abrams tank for combined arms actions -- are well on their way to the field.

Modernization of the mechanized part of the Army structure is the aim of the new IFV/CFV. They will replace the M113 Armored Personnel Carrier (APC) in mech infantry and armored cavalry/scout units beginning in 1981. About 7,000 fighting vehicles are planned for the Army.

The IFV will be the first U.S. combat vehicle to give infantry squads the ability to go on a mounted attack and will give the added advantages of:

- * providing ground troops the mobility to keep up with the XM1 Abrams,
- * permitting infantrymen to deliver accurate fire while moving, and
- * providing increased armor protection for the infantry squad.

What advantages over the M113 do the IFV and CFV offer? Let's look at mobility.

Mobility improved

The IFV/CFV's increased battlefield mobility is a result of a combination of engine performance, power train efficiency, and improved suspension.

A 500-horsepower turbo-charged diesel engine gives the IFV/CFV the ability to go from zero to cruising speed much faster than the APC and allows for longer periods of high speeds.

The fighting vehicles have a top road speed of 41 mph and a cruising range of 300 miles while loaded for combat at 48,000 lbs. The Cummins four-cycle turbo-charged engine can power the vehicles from standing to 30 mph in about 19 seconds.

Another positive mobility feature of the IFV/CFV is the hydro-mechanical transmission which permits the driver to operate in all types of terrain. The suspension, with three high performance shock absorbers on each side of the vehicle, allows the IFV/CFV to go through mud and snow and over sand with little shock to the soldiers inside.

'Swimming' easy

Another major improvement over the APC is the fighting vehicle's "swimming" ability.

During tests at Aberdeen Proving Ground (APG), Md., the "swim curtain", a heavy duty, vinyl-coated nylon sheet around the top of the vehicle, was put through a series of tests.

John P. Sobczyk, head of the Material Testing Directorate at APG, explained, "The fighting vehicles went 4.4 miles per hour in the water -- over one mile faster than the M113. This speed difference is about a 30 percent increase and allows the fighting vehicle greater stability and mobility while operating in water. This swim curtain gives the vehicle a greater free board. That is, it provides less chance for water to come into the vehicle," commented Sobczyk. "The M113 has no swim curtain and has a free board of only eight inches." He added the swim tests were done with the vehicle at its combat weight.

Let's see . . . firepower! Yes, let's look at firepower improvements.

More firepower

With a stabilized 25mm cannon, 7.62mm coaxial M240 machine gun, and TOW antitank guided missile system, the fighting vehicle has more firepower than the APC.

In addition, the IFV has six ball-mounted XM231 5.56mm firing port weapons for infantry squad members to use in providing more coverage of the close-in fields of fire.

The 25mm cannon, with a range of over 2,500 meters, fires both armor piercing and

high explosive rounds. The two TOW missiles are fired from a two-tube, two-position, armored launcher attached to the turret weapon station. The TOW can destroy an enemy tank from as far away as 3,000 meters.

The M240C armor machine gun, the same weapon that's mounted on the XM1, is a gas-operated, air-cooled, belt-fed weapon which fires from the open bolt position. It features a quick-change barrel with fixed headspace and fires the standard 7.62mm NATO cartridge to a maximum effective range of 1,200 meters.

Six periscopes and firing ports within the squad area of the IFV let soldiers see from the vehicle and use the firing port weapons on targets to the sides and rear while on the move. And the gunner's sight on the fighting vehicle is the new thermal imaging kind which allows for increased ability to find and hit targets in all types of weather, both day and night. The vehicle commander also has a relay sight hooked into the gunner's thermal imaging device.

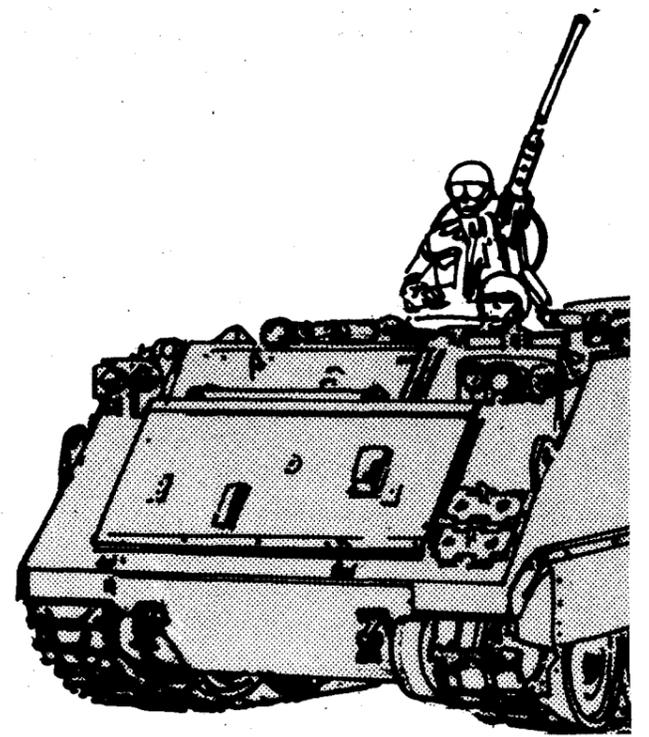
Two-man turret

The two-man turret, identical for the IFV and CFV, offers separate control handles for the commander and gunner, with the commander having an override capability. The turret is powered by an all-electric, stabilized drive system and permits the 25mm primary gun and the 7.62mm coaxially mounted machine gun to be fired accurately by either crewman while moving cross-country. That same power control system is used for the TOW missiles.

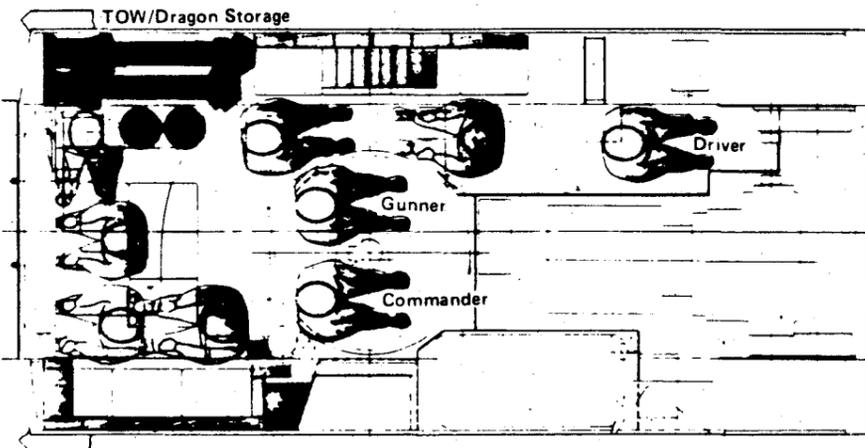
Well, we could go on about the improvements found in the fighting vehicles, but it would take days.

We could talk about the specially designed armor system of the fighting vehicle which provides increased armor protection for the crew, yet adds minimum weight to make sure the vehicle maintains its mobility; or we could talk about the advanced automatic Halon fire extinguisher system located in the engine and crew compartments; or a number of other items.

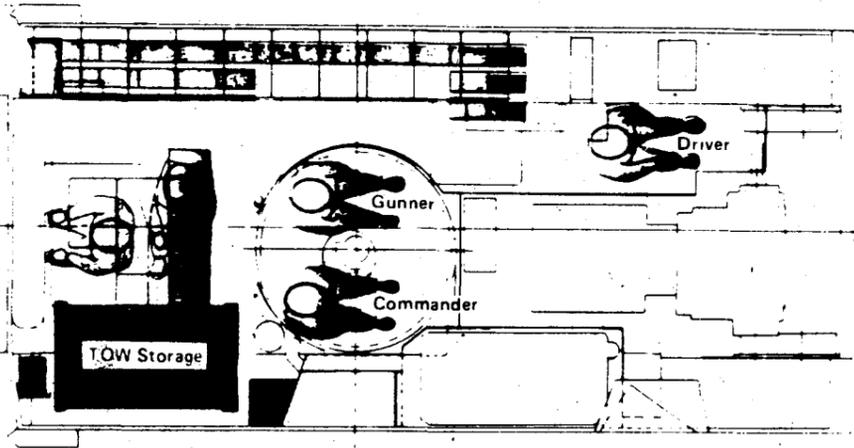
But, the best thing to do is let the fighting vehicle convince you it's the "perfect companion -- what you always wanted!"



Infantry Fighting Vehicle



Cavalry Fighting Vehicle



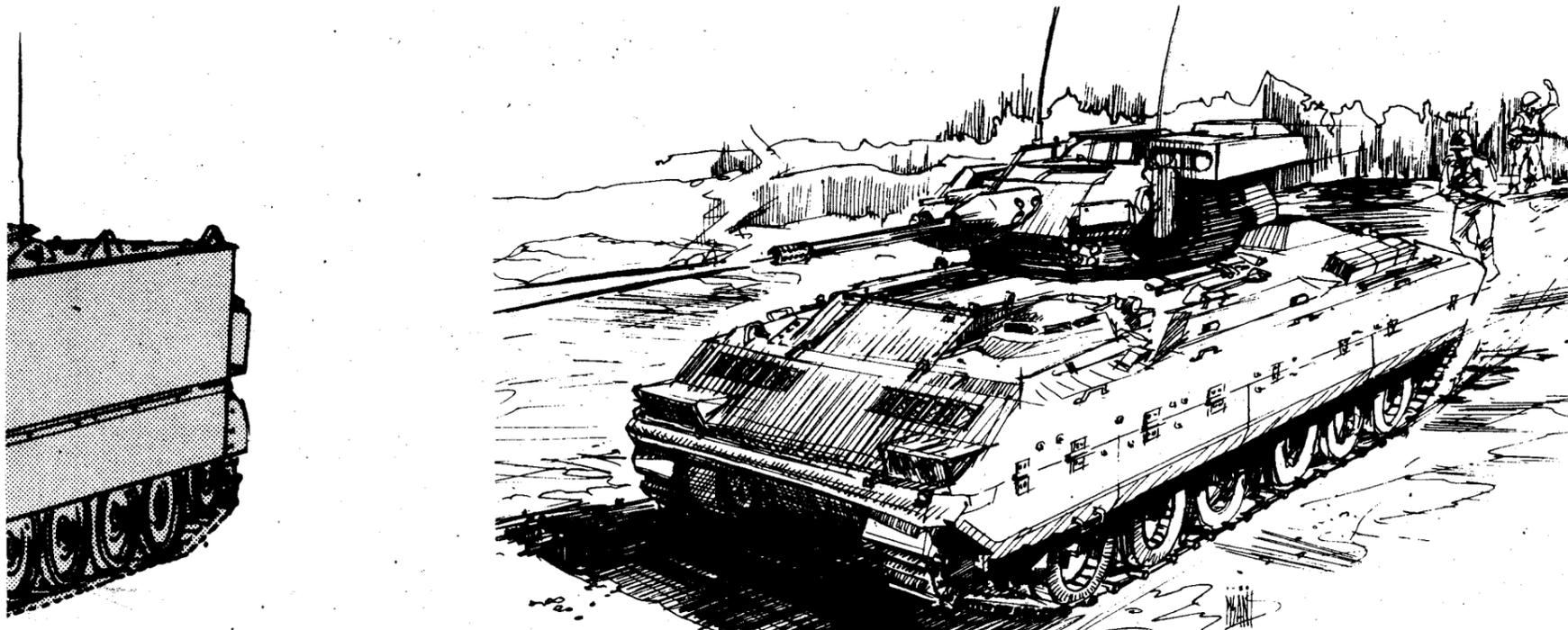
CHARACTERISTICS

INFANTRY FIGHTING VEHICLE

Vehicle Weapons	25mm automatic cannon TOW missile launcher 7.62mm M240C machine gun
Squad Weapons	XM231 5.56mm firing port weapons (six each); M60 7.62mm machine gun (one each); M16A1 5.56mm rifles (nine each)
Ammunition	Ready/Stowed
25mm	300/600
7.62mm (M240C)	800/1,400
7.62mm (M60)	2,200 stowed
5.56mm (firing port)	4,000
5.56mm (M16A1)	2,160 stowed
TOW Missiles	2 in launcher
TOW/Dragon missiles	5 stowed, any combination
LAW (M72A2)	3 stowed
Weight (combat loaded)	48,500 lbs.
Speed (on land)	41 mph
Speed (in water)	4.5 mph
Cruising Range	300 miles
Fuel Tank Capacity	190 gallons
Power Pack	Cummins 500-hp, 4-cycle diesel engine
Personnel Capacity	nine
Vertical Wall Climbing	36 inches

CAVALRY FIGHTING VEHICLE

Vehicle Weapons	25mm automatic cannon TOW Missile launcher 7.62mm M240C machine gun
Squad Weapons	M60 7.62mm machine gun (one each); M16A1 5.56mm rifles (five each)
Ammunition	Ready/Stowed
25mm	300/1,200
7.62mm (M240C)	800/3,600
7.62mm (M60)	3,200 stowed
5.56mm (M16A1)	1,460 stowed
TOW missiles	2 in launcher/10 stowed
Weight (combat loaded)	47,964 lbs.
Speed (on land)	41 mph
Speed (in water)	4.5 mph
Cruising Range	300 miles
Fuel Tank Capacity	190 gallons
Power Pack	Cummins 500-hp, 4-cycle diesel engine
Personnel Capacity	five
Vertical Wall Climbing	36 inches



Anti-missile test program ends; technology is termed feasible

A test in the Pacific of major components for a second-generation anti-missile system has successfully concluded one of the Army's efforts to prove technology for a defense against intercontinental ballistic missiles.

On Sept. 15, the Systems Technology Test Facility at Kwajalein Missile Range in the Marshall Islands, successfully detected and tracked a specially designed ICBM-type target from the time it came within range until it splashed down into the lagoon of Kwajalein Atoll. The Test Facility consists of a radar and its integrated data processor and enabling software, all housed in the radar building on Meck Island.

The target was launched by a Minuteman I booster fired from Vandenberg Air Force Base, Calif., 5,000 miles away.

This mission marked the end of the Ballistic Missile Defense (BMD) Systems Command's Terminal Defense Validation effort to prove technology related to ICBM defense during the final or "terminal" portion of its flight (roughly the last 60 seconds, from about 300,000 feet to impact). It was the 48th in a series of tests that began three-and-a-half years ago. During this time, the Test Facility experienced a high success rate.

The Test Facility's data processing system will continue to operate until all the data collected from the last mission is evaluated.

BMD officials are confident that the test program surpassed its objectives. Maj. Gen. Grayson D. Tate Jr., the BMD Program Manager in Huntsville Research Park, has said that the Terminal Defense Validation testing at Kwajalein "has proven beyond reasonable doubt that we have the technology to build radar and data processing subsystems for an effective terminal defense system capable of countering ICBM warheads even under the most stressing conditions."

The effort began in 1972 as the Site Defense Prototype Demonstration Program which would demonstrate a system that could be used to augment the then-deployed Safeguard system, or by itself, to defend U.S. land-based ICBM's.

The Site Defense effort was later redirected by Congress into a technology validation program concentrating on the radar and data processing systems. Construction of the Meck Island test facility began in 1974, and the radar became operational at the end of 1976. In June



Systems Technology Test Facility on Meck Island

1977 the radar successfully tracked its first target of opportunity.

The radar, while more sophisticated than its Safeguard Missile Site Radar predecessor, is significantly smaller and less expensive.

The Test Facility's integrated radar and computer are able to handle more complex targets than the earlier Safeguard system.

Construction of the test facility also demonstrated that a terminal defense system can be more rapidly emplaced using modular construction techniques.

Army officials now consider Terminal Defense technology to be "on the shelf" for future defense of United States strategic

ICBM forces. The technology proven during this program also provides a strong basis for possible follow-on defense systems.

For example, the Army is proceeding with a preprototype demonstration of technology for a new Low Altitude Defense System called LoAD. Although it is much smaller and designed to operate at much lower altitudes (less than 50,000 feet), according to Tate, "LoAD technology owes much to the Terminal Defense Validation."

The Systems Technology Test Facility is operated by McDonnell Douglas Astronautics Company, the system contractor for the BMD system contractor for the BMD Systems Technology Program.

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'Bama by 20 in week's picks

BY SKIP VAUGHN

After a seven victory, five defeat record last weekend — despite Auburn — this picker is ready to forge ahead.

UCLA travels to Ohio State and Maryland visits Pittsburgh in major college football action this weekend.

This picker says the Ohio State Buckeyes will tackle UCLA's Bruins while Pitt's Panthers jump on Maryland's Terrapins.

Closer to home, Alabama's Crimson Tide shouldn't have any trouble with Kentucky's Wildcats, and Louisiana State's Tigers should nip Florida's Gators.

Here are some predictions for selected major college games Saturday:

- Penn State at Missouri — Penn by 7
- Notre Dame at Michigan State — Notre Dame by 14
- UCLA at Ohio State — State by 10
- Kentucky at Alabama — Bama by 20
- LSU at Florida — Louisiana by 3
- Fla. State at Nebraska — Nebraska by 7
- Richmond at Auburn — Auburn by 7
- Maryland at Pittsburgh — Pitt by 7

- Oklahoma at Colorado — Okla. by 14
- Harvard at Army — Army by 3
- Georgia Tech at North Carolina — Carolina by 30
- Houston at Baylor — Baylor by 3
- Texas at Rice — Texas by 14
- VPI at Clemson — Clemson by 14



Co.A nips HHC in overtime win

Leon Jones threw three touchdown passes, including the game winner in overtime to lead A Company to a 22-14 victory over HHC Wednesday night.

HHC needed only to hold Company A on its final play in overtime to win the game, but Jones passed 45 yards to Alva Benjamin, forcing HHC to also score a touchdown. Three unsuccessful passes by the HHC quarterback ended the game.

Trailing 6-0 at the half, HHC battled back and lead 14-6 with less than two minutes left in regulation time, but penalties helped A company move the ball to the HHC two yard line where they scored to make the score 14-12. With 52 seconds remaining James Holloman wrestled the ball away from two HHC defenders to tie the game and force the overtime period.

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7th S.C.	2	4	515th Ord. Co.	4	2
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COURSE NO.	COURSE TITLE	INSTRUCTOR	PREREQUISITE	DAYS	TIME
BUS 150	Introduction to Business	Huggins		M-W	7:30-10
BUS 296	Basic Business Finance	Smalley	BUS 150, 293, 294, or Soph. Standing	M-W	5-7:30
BUS 366	Administrative Office Man.	Smalley	BUS 260	M-W	7:30-10
ENG 102	English Composition II	Dyar	ENG 101	M-W	5-7:30
GOVT 320	Political Philosophy	Brumett	Junior Stand.	M-W	5-7:30
MA 222	Analytic Geometry and the Calculus II	C. Patty	MA 201	M-W	7:30-10
MA 350	Statistics	S. Patty	MA 100 or Ins. Permission	F	5-8:30
PSY 230	Educational Psychology	May	PSY 101	M-W	5-7:30
PSY 450	Abnormal Psychology	Blanchard	PSY 101	M-W	5-7:30
PSY 381	History & Systems of Psy.		PSY 101	M-W	7:30-10
BUS 260	Principles of Management	Rouse		T-Th	7:30-10
BUS 293	Economics I	Traylor	Soph. Standing	T-Th	5-7:30
BUS 325	Retailing Management	Shepard	BUS 260	T-Th	5-7:30
BUS 422	Advanced Small business Man.	Dodson	BUS 321	T-Th	7:30-10
CJ 311	Police	Moon		T-Th	5-7:30
ENG 101	English Composition I	Dyar		T-Th	7:30-10
SOC 112	General Anthropology	Wilson		T-Th	5-7:30
SOC 331	Juvenile Delinquency	Bill		T-Th	7:30-10

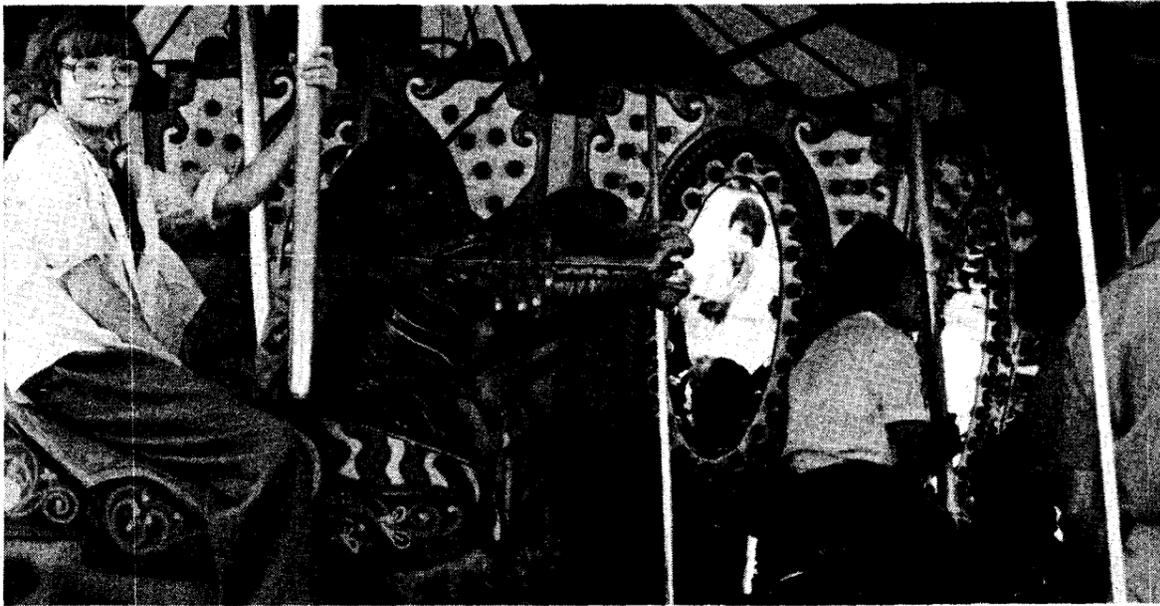
ACADEMIC CALENDAR — SESSION V80

Early Registration Begins	Sept. 22
(Early registration is continuous from Sept. 22 until Oct. 17)	
Tuition Assistance Form Deadline	Oct. 10
Regular Registration	Oct. 17
Classes Begin	Oct. 20
Late Registration Ends	Oct. 27
Last Day to Drop	Oct. 31
Classes End	Dec. 13

Classes are open to Active Duty Military, their dependents and civilians employed on the Arsenal. The Columbia College office is located in Building 3658 on Cajun Dr. The office hours are 9:00 A.M. to 5:00 P.M. (Monday through Friday). ALL TUITION ASSISTANCE FORMS MUST BE IN BY FRIDAY OCTOBER 10, 1980.

Phones: 881-6181
or 876-4851.

Servicemen escort handicapped people at the fair



At the fair

Sp4 Gary Sykes accompanies young friend on carousel

BY GREG KENDALL

September 24, 500 Soldiers, Sailors, Marines and Airmen of Redstone Arsenal volunteered for a joint-service operation. The mission required the ultimate in patience and understanding, and over 572 civilians were counting on the troops to come through.

The ensuing smiles, laughter and overall delightful time enjoyed by the handicapped of Madison County on "Exceptional Persons Day" were testimony that the military volunteers had succeeded admirably.

In cooperation with the Huntsville Jaycees, the troops from the Missile and Munitions Center and School came to the fair as escorts for 572 physically and mentally handicapped people from 11 centers throughout Northeast Alabama. For some of the exceptional

citizens, it was a day for riding a carousel for the first time in their lives, for others a day highlighted by eating a hot dog and drinking a coke with a soldier. But more than anything else it was a day for smiles for kids and adults who all too often seldom have reason to.

"A lot of these kids had never seen animals before and it's the biggest thing of their lives to see a horse," said Airman Jeff Andrews, escorting 10 year old Donny Spell inside the Farm exhibit.

PFC John Morgan, after accompanying a 40 year old crippled man in a go-cart, expressed satisfaction at being able to make life a little more pleasant for the handicapped. "I think it's great that the Army and other services help out, and I wish we could do more," added Morgan.

At the puppet show Sp5 Kenneth Wolf

confessed he didn't know who was having the most fun, seven year old Tommy or himself. "I always have liked kids, but these are extra special," said Wolf, throwing a hug around Tommy.

Lt. Col. Jon R. Morgan said he had never seen so many people having a good time and that he was extremely proud of the troops for making it happen.

"They've gone out of their way to show the people a good time and should be highly commended," Morgan added, as a soldier assisting a lame woman to the conservation exhibit passed by.

After the festivities had ended and the exceptional people had boarded their buses to return home, most of the volunteer escorts agreed it was a learning experience well worthwhile. Pvt. Joseph Ware said, "I think we showed a part of the military a lot of people never get a chance to see. We're kind of an exceptional group, too."



Friends

Airman Jeff Andrews has a firm grip on his friend Donnie Stone.

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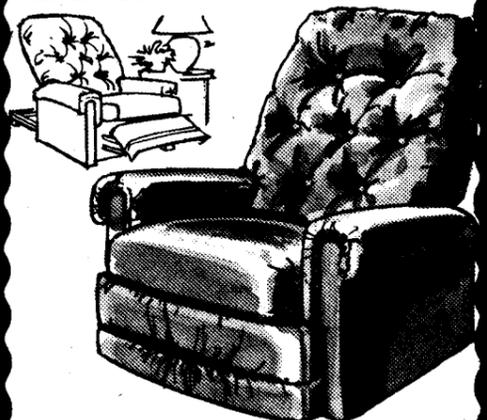
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TERMS

New veterinarian's animal collection resembled zoo

BY SKIP VAUGHN

The new deputy for veterinary activities here is a Georgia native who raised several dogs and quarter horses, but sold all his pets when he joined the Army.

Capt. Roy Franklin Stinson, who goes by "Frank," says his pets included dachshunds, a springer spaniel, a labrador retriever, quarter horses, parakeets, three aquariums and two snakes. He said it was like a zoo.

But there weren't any cats. "Just never got around to it," said Stinson. "I don't know. I guess I had my hands full with the rest of it."

Stinson, 33, was granted a transfer here from Honolulu to replace Maj. Kenneth Mitchell who permanently transferred to Fort Carson in Colorado in early September.

He said he became interested in veterinary medicine while in high school at his hometown of Thomasville, a small community in southwest Georgia. "Seemed like a good idea at the time," Stinson added.

He moved here Sept. 15 from Schofield Barracks in Honolulu where he was chief of veterinary activities for two months. Before Schofield, Stinson was assistant chief of veterinary activities at Fort Shafter at Honolulu.

Stinson was graduated from Auburn University with a B.S. in zoology in 1968. He earned a masters degree in microbiology there in 1970 and a DVM (doctor of veterinary medicine) degree in 1974.

"Participation in public health," he says of his veterinary interest. "Preventive medicine, alleviation of problems animals can

have such as cruelty to animals. You can try to help stop that.

"Just enjoying doing something you like doing."

Stinson heads an eight-member office at the

Animal Disease Prevention & Control Facility in Building 3543. The staff includes Stinson, SSgt. Thomas Girardi (the NCOIC), an animal specialist, four food inspectors and a secretary who is the only civilian.

Their clients include pets of active duty military and retired military personnel. The work they can do on animals is limited by regulation. They provide "minimum care" which includes vaccinations, wormings and treatment of zoonotic (communicable to humans) diseases.

The office has about 1,300 outpatients a year and conducts about 2,700 vaccinations a year. Its primary mission, Stinson said, is inspection of subsistence — food inspection.

They inspect about 50 million pounds of food a year, he said.

Animals with other than zoonotic diseases are referred to civilian vets.

"The only animals we can keep overnight are strays the MPs have acquired or rabies suspects," Stinson said. "This is not a boarding facility."

Unmarried and living in Huntsville, Stinson says he's happy about the move from Honolulu. "I was glad to go. It was an enjoyable stay. It's nice to get back to the continental United States."



Stinson

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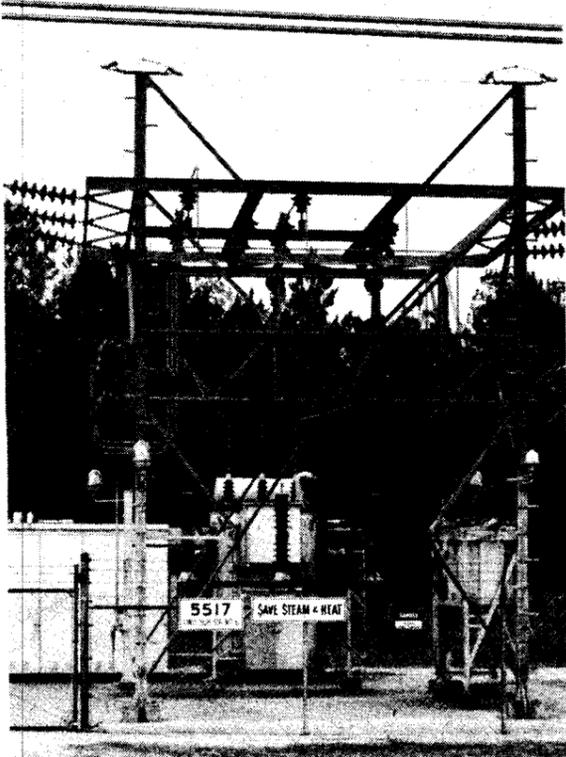
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Power management system expansion eyed

Redstone utilities engineers are eyeing an expansion of the arsenal's computerized energy management system that would permit some lights and industrial machinery to be turned off automatically when not needed or during power emergencies.

The engineers are looking at the possibility of tying some indoor lights, athletic field lights and some machinery such as big pumps and compressors into the power management



Electricity flow at 18 substations will be monitored by computer

computer in building 5414. The computer presently controls air conditioning and heating in major arsenal buildings, turning the units on and off automatically according to time of day and outside temperature.

In another facet of the expansion that is already in progress, a second computer is being added to keep track of the electricity that flows from the arsenal's 18 power substations. "It will give us a much better handle on where the electricity's going — who's using it and at what times", said Arthur Barnette, chief of the electrical section at Facilities Engineering's utilities branch.

Barnette said the installation energy conservation program has been hampered by lack of information on where electricity is used and when and in what amounts. He explained that under the present setup, electricity is monitored only at the 161,000 volt level at the two points where it enters the arsenal from TVA generating stations.

"We're now metering at two points and we'll be adding an additional 18", he noted. Each of the 18 substations serves a certain area of the arsenal. They break down and distribute electricity from the 161,000 volt stations. The new computer will monitor all 18 simultaneously.

"One thing we will be able to determine is how the load changes from night to day", Barnette continued. "If a substation is putting out the same day and night, we need to know why. It should drop at night. If it doesn't, it could mean that equipment is being left on."

He said the computer will also show at what times each substation has its lightest load. During those times it may be possible to save substantial quantities of electricity by de-energizing a substation and switching its load to another substation.

The computer will also show where capacitors can be installed to prevent line loss as a result of electrical current in lines being dissipated as heat.

Utilities branch hopes to have the computer on-line by next summer. Barnette's group is modifying it for energy management. "It was picked up on excess from the State Department. For \$300 for shipping and crating we got a \$75,000 computer", he said.

Redstone's original energy management computer — the first ever put into operation by a Department of Defense activity — has been in use here about five years. It controls air conditioning and heating in approximately 250 buildings. In its expanded role it will be tied to more air handling units and possibly some lights and machinery.

The only industrial control at present is a tie in to battery chargers at the motor pool. Engineers are looking at the possibility of connecting the computer to water pumping stations, big air compressors and other machinery that could be turned off briefly during periods of peak power demand.

When arsenal electricity demand exceeds the amount contracted for, as may happen in summer, Tennessee Valley Authority imposes heavy penalty charges.

Barnette would like to see the powerful lights on arsenal athletic fields brought under computer control to insure that they aren't allowed to burn more than necessary. "At 7 a.m. today the soccer field lights were on. That's electricity and money wasted."

Barnette said utilities branch is also studying whether some interior lights could be turned on and off automatically. "Say you've got three rows of lights. Maybe you could cut one row off at certain times of the day. You save twice when you turn off light. You save a kilowatt of light and a kilowatt on cooling."

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Announcements

Command, general staff course

The Huntsville USAR School is enrolling students in the nonresident Command and General Staff Officer Course for the academic year beginning in October. Officers, captains or higher, of any Army component may enroll if they have completed an Officer Advanced Course and have eight but not more than 18 years' commissioned service if in the active component (7 to 17 if in the reserve component). Waivers of the years having approximately 6½ years of commissioned service. Qualified Air Force, Marine, and Navy officers, active and reserve, may enroll if they meet the requirements for enrollment in the command and staff course of their own service. DOD civilians, GS-9 or higher, whose duties require knowledge of the subject matter may also enroll. The curriculum for USAR School option is identical to the correspondence option; therefore, officers now enrolled in the correspondence option who have completed Phase II or IV may transfer to the USAR School program without loss of credit. Phases I, III, and V will be conducted beginning in October. For applications and information, call Lt. Col. Yates, 453-5961, or Lt. Col. Talbot, 453-2080.

Free financial course

The Association of Government Accountants, North Alabama Chapter, is sponsoring a free Financial Management Course for small business persons in the Huntsville-Madison County area. Class will begin Oct. 7 and end Dec. 2 (8 weeks). Class will be held from 6-8 p.m. on Tuesdays and Thursdays at the Westside Community Center, 125 Earl Street. Register by calling the Northern Alabama Business Development Organization at 533-6306.

Toastmistresses celebrate

The Redstone Toastmistress Club will celebrate its 10th anniversary with a Supervisors-Founders Day luncheon meeting on Wednesday, Oct. 15 at 11 a.m. at the Officers Club. Everyone is invited to attend the celebration. For reservations call Bobby Bradley, 876-3686-3843.

New veterinary clinic policies

The Veterinary activity has adopted two new policies. No children under 13 years of age will be allowed in the clinic under any circumstances, and all animals must be restrained either on leash or in portable cage. There will be no exceptions to these rules. They are for your protection.

New dental appointment system

As of Sept. 26 the Dental Clinic will begin utilizing a new appointment system. Personnel desiring dental appointments may call 876-1643 between 3:00-4:15 on Friday afternoons. Emergency problems can be seen on a walk-in basis. The stand-by system will continue in effect. The following categories of patients are authorized care: active duty, active duty dependents, and retired personnel.

Presentation on sexual harassment

A presentation on "Sexual Harassment in the Workplace" by Air Force Master Sergeant Dale Armwood is scheduled locally by the National Association of Women. Armwood is an instructor in the leadership development center at Maxwell Air Force Base, Ala. She has conducted workshops on sexual harassment at military bases throughout the country. The presentation will be Oct. 19 at 7 p.m. in the community room of First American Federal Savings and Loan on University Drive. For more information call Betsy Walker 533-4125.

Motorcyclists plan Florida trip

The Redstone Riders Motorcycle club plans a trip to Mexico Beach, Fla. Oct. 10-13. They will leave Friday, camp out Friday, Saturday and Sunday nights, and return Monday. The campground is 1 half mile from the beach and near Panama City. Anyone interested in going should call Ken Blackmer, 876-2331, or John or Chris Bleshey, 837-8414.

Sparkman is AUSA speaker

Senator John Sparkman will be speaker at an AUSA luncheon honoring "The Old Missile Team" on Oct. 2. There will be music by Bob Tibbs and nostalgic slides shown. Social is at 11:30 with luncheon at noon. Cost is \$5. For reservations call Stephanie Moyers 837-7663.

Saddle club elects officers

Col. Ray Townley has been elected president of the Redstone Arsenal Saddle Club. Board members chosen in balloting when the group met Sept. 23 are Col. Bill Fiorentino of MICOM, Maj. Burt Washburn of MMCS and Maj. Dennis Foster of Readiness Group. Chosen to represent retirees were Art Decker and George Rauh.

Voyager is lecture topic

Photographs and first results of the highly successful Voyager missions to Jupiter and Saturn will be presented by Dr. Edward C. Stone in the von Braun Lecture Series to be held on Oct. 2 at 5 p.m. at the Space and Rocket Center. Stone, a Cal Tech physics professor and project scientist for the Voyager missions, entitles his presentation "Voyager Encounters with Jupiter." The public is invited. There is no admission charge.

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1. FOR RENT

FOR RENT
Destin Fla., condominium furnished 1 br, private beach, pool lighted tennis courts, shuffle board, new fall rates - Destins finest weather, \$200 wk, \$50 a night 3 night min. Call 534-0651 or 881-6045 after 5 p.m. tfc

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FOR RENT
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New listing at a fantastic price of less than \$30 per sq. ft. 4 br, 2½ baths, marvelous rec & hobby room, pretty airy kitchen overlooking backyard. Excellent neighborhood. Equity \$36,200, payments \$380.62. M2002 **LANDMARK Gallery of Homes, 539-0643.** 1tc

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RUSSELL-BROADHEAD REALTY 536-5277 tfc

BIG COVE AREA
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RESULTS REAL ESTATE 837-5634

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7 ACRES — \$3,500 BY OWNER
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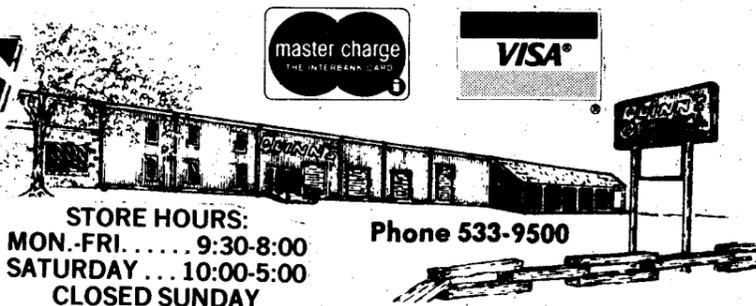
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