

Redstone Rocket

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Armed Forces Celebration opens next week

No matter what your interests are, the third annual Huntsville Madison County Armed Forces Celebration probably offers activities that appeal to you.

Called "The Armed Forces— A Proud Heritage," this year's celebration will feature the bicentennial of the U.S. Constitution, with plenty of chances to learn more about the document which has kept our nation free for 200 years. The celebration is set for Tuesday, May 26 through Sunday, May 31.

The latest in military missile systems and technology will be displayed Tuesday through Thursday at the Von Braun Civic Center. Tuesday night has been designated Family Night, with plans for prizes and gifts for children. Military hardware on display will include the Pershing II missile and the Bradley Fighting Vehicle.

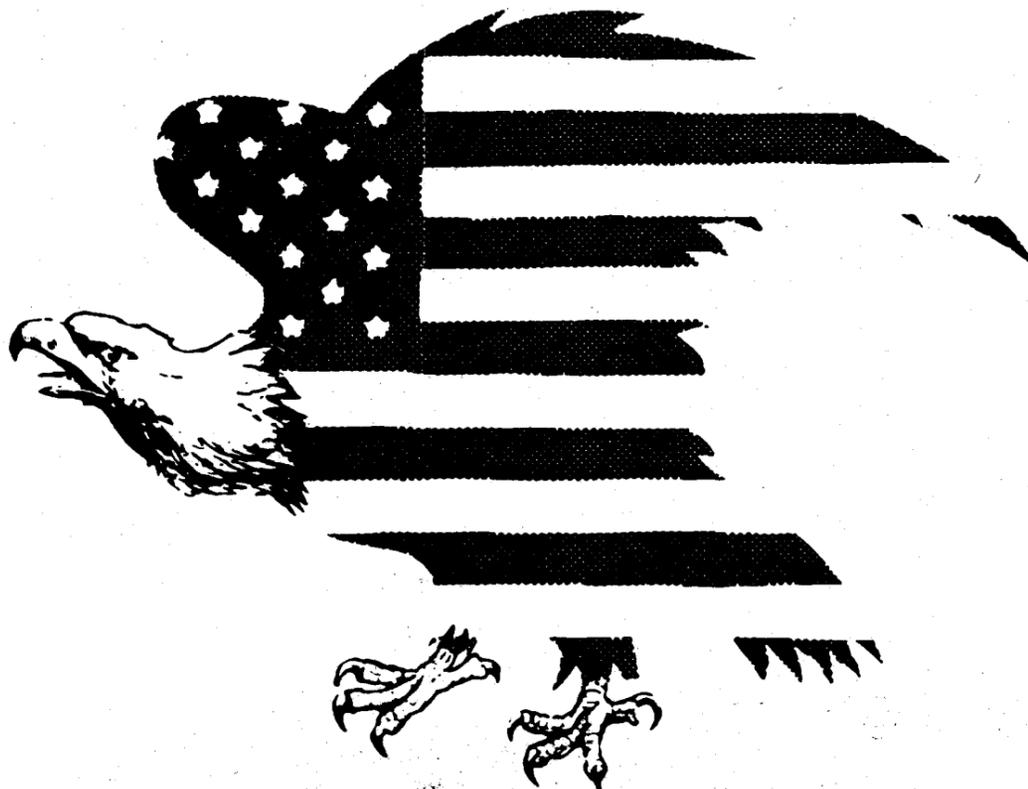
If baseball is your game, don't miss the match Thursday night between the Huntsville Stars and the Knoxville Bluejays, sponsored by the Association of the United States Army. The pre-game show will feature Miss Alabama— Angela Callahan, junior ROTC drill teams, and the 389th Army Band from Fort Monmouth, N.J.

Free tickets for the game can be picked up at the Chamber of Commerce, Colonial Bank branches, the Executive Lodge hotel, both Holiday Inns, the Huntsville Hilton and Towers, Lang's Sporting Goods, the Regis Inn, the Sheraton Inn, and the Skycenter Hotel at the Huntsville-Madison County Jetport.

If you love a parade, the Armed Forces Celebration can give you two. The first is a retreat and retirement parade at the Redstone parade field Friday afternoon. A historical parade will be held in downtown Huntsville Saturday afternoon.

Prefer listening to music of a less mobile nature? You can take your pick of concerts. Britt Small and Festival will present a patriotic show featuring Miss Alabama and the 389th Army Band at the Von Braun Civic Center Friday night. Tickets for the show are \$10 for adults and \$5 for senior citizens, students and active duty military. The 389th Army Band will also perform Saturday morning and afternoon in the downtown area, and Sunday afternoon at Madison Square Mall. The Huntsville Community Chorus will present an Armed Forces Concert at the Bicentennial Chapel Sunday evening.

More than 2,000 people are expected to turn out for the Armed Forces Celebration Volksmarch Saturday



morning. You can start anytime between 7:30 a.m. and noon, and can choose either a 10- or 20-kilometer route through historic areas in downtown Huntsville. Participants who pay the entry fee will receive a medal commemorating the bicentennial of the Constitution.

The "people's walk" will feature German food at the Chamber of Commerce building. The route will include the Twickenham and Old Town historic districts, Big Spring Park, Constitution Hall Park and the Huntsville Depot Museum. Pre-registration runs through May 28 and costs \$3. Late registration costs \$4.

Civil War buffs can relive their favorite era by visiting the War Between the States Living History

Camp at the Huntsville Depot Museum. The camp will be open Saturday and Sunday. Re-enactments of the Union capture of Huntsville Depot will be presented both days.

A picnic in Big Spring Park just before the 389th Army Band Concert will round out the downtown activities on Saturday. Tickets for the picnic cost \$3 and are available at the Chamber of Commerce.

For more information about the Armed Forces Celebration call 535-2023.

Please note the Armed Forces Celebration Schedule on page 2 of this issue.

Novel arrangement

Developers asked to share ideas on new offices

A major new office building proposed for Redstone Arsenal under a novel financing and ownership arrangement is attracting the interest of developers nationwide.

More than 60 construction and investment companies from across the United States were represented in a meeting here Friday to discuss a "unified development" concept being pursued for the new building.

Under this concept, a third-party would finance, construct and manage the building and sell it to the Army with payments like rent over a 25-year period, at the end of which the Army would assume ownership.

Envisioned is a building or complex of buildings with offices for 4,800 people, to be located on Martin Road east of building 5250. Proposed features would include a 1,500 seat auditorium, physical fitness center and shopping area with banks, barber and beauty shops, convenience store and other amenities. The plan calls for parking for 3,000 cars and improvements to access roads into the area. Projected cost is about \$80 million.

What it will look like is being left to the imagination of the developer but a modern, attractive design is sought. "The buildings we have now are basically Army ugly but we want this to be something comparable to what you find in private industry. We want something that looks better than the average government building," Keith Kirksey, chief of the master planning, construction and environmental office of Directorate of Engineering and Housing, told the developers.

Building 5250 which dates from 1961 is the last office building of any consequence to be constructed here.

An informational handout on the new office project describes it as "Redstone Arsenal's answer to a 25-year void in construction of administrative and support facilities."

Army planners told developers at the meeting Friday that they would like to see the project launched in 1988 with 30 months' construction time but conceded they have no firm dates at this point. The planners are op-

timistic required approvals, including congressional authority and an appropriation, will be forthcoming, since the project doesn't require up-front financing and is expected to more than pay for itself in economies resulting from consolidation of activities widely dispersed around the arsenal.

The developers were asked to share their ideas on how best to accomplish the project. Among issues they were requested to comment on were: is the concept sound; is financing available; should the developer handle long-term operation and maintenance; interest rate fixed or variable; how specific should the request for proposals be.

Don Burchett, a real estate representative with the Corps of Engineers Mobile District, said that, although the Army will put a cost limitation on the project, "what we want is not the lowest-priced facility but the best facility for the money.

"Tell us," he added, "this is what we'll build for you, and this is what we'll build it for."

(See Ideas, cont'd on Page 2)



Children's month

Editor:

The military is at its best when everyone— soldiers, military family members, civilian employees and contractor personnel — pull together to accomplish a mission. Let it be known that this happened, for the second year in a row, during April when various events were scheduled to celebrate the Month of the Military Child.

Literally hundreds of people, to include our Huntsville neighbors, were involved in planning and executing the Block Party, Child Development Center activities, Family Child Care parade, the Fishing Rodeo and the numerous other programs provided by Youth Activities.

There is no way to thank everyone personally but you know who you are, and you know what you contributed. On behalf of the military children who were the recipients of your caring attitude, we thank you all.

Shirley A. Sterbenk
Chairman,

Month of the Military Child Committee

A secretary

Editor:

Some of you may find it amazing that there are men working on Redstone Arsenal who do not know the value of an efficient, professionally trained secretary. These men are so insecure of themselves that they cannot and will not work with a secretary.

This was the problem I encountered. The individual concerned has an extensive history of not being able to get along with other people. In other offices where he worked he never had the luxury of being in a supervisory position or having a professional secretary. After much turmoil in another office, what does management do? They move him up to a higher echelon as a supervisor, no less, with a well established office and a secretary who had been there for a number of years. The word management is defined as: care, charge, conduct, handling, superintendence, executive ability. In the location where this took place, management will not correct this bad situation, not because they do not have the means and ability to do so, but because it's simply easier to pass the troublemaker along somewhere else. When you go to the next level of supervision and state the forms of harassment and cheap shenanigans that go on, their

reply is: "Oh yeah, I've known 'so and so' for years and he's always been like that. You just have to allow for him." No way would they "allow" for a secretary to conduct herself in such a manner.

Management does not care if this individual is belligerent, arrogant, and that people are treated shabbily, and if the working environment is unpleasant and unprofessional. You ask, why not leave? Why should you be the one to leave when you haven't created this deplorable situation? What if you had helped establish that particular office, knew how the entire organization operated, knew all the personnel— in other words, knew the heartbeat of the organization? I called the union rep at OMMCS for assistance. He was very incompetent and uncaring. I thanked him for his time and immediately called the Labor Relations and Grievance Branch of CPO. The professional manner in which I was treated was most welcome. It is nice to know that someone cares and is trying to make work

more enjoyable. One thing some supervisors forget is that people are very important— people should always come first. People who are treated fairly and are happy will work unceasingly for an organization. This individual's reputation speaks for itself, loud and clear. So does mine— impeccable. Unfair? You bet! Our name is legion.

Name withheld by request

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.

Armed Forces Celebration schedule

Tuesday, May 26

9:30 a.m. - 4 p.m. — *Military and Industry Exhibits*, Von Braun Civic Center Exhibit Hall - Free
6-8 p.m. — *Exhibits Family Night*, Von Braun Civic Center - Free

Wednesday, May 27

9 a.m. - 4 p.m. — *Exhibits open* - Free

Thursday, May 28

9 a.m. - noon — *Exhibits open* - Free

11:30 a.m. — *Huntsville Ministerial Association May Luncheon*
Redstone Arsenal Officers Club

7:30 p.m. — *AUSA Baseball Night, Stars vs. Bluejays—pre-game show at 6:30*
Joe Davis Stadium - Free, ticket required

Friday, May 29

4 p.m. — *Retreat/Retirement Parade*
Redstone Arsenal Parade Field - Free

8 p.m. — *Britt Small and Festival Patriotic Show*
VBCC Arena - Tickets \$10 for adults, \$5 for students, senior citizens and active duty military

Saturday, May 30

7:30 a.m. - 4 p.m. — *Volksmarch*, Start/finish at Chamber of Commerce Building
Pre-registrants \$3, others \$4

10 a.m. — *389th Army Band in concert*, Chamber of Commerce Building - Free

11 a.m. — *Volksmarch Award Ceremony*, Chamber of Commerce Building - Free

11 a.m. — *Veterans' Organizations Memorial Ceremony*, Maple Hill Cemetery - Free

11:30 a.m. — *War Between the States Living History Camp, opens with artillery demonstration*
Railroad Depot - Free

1:30 p.m. — *Historical Parade*, Downtown - Free

2:30-3:30 p.m. — *Re-enactment of Union Capture of Huntsville Railroad Depot*, Railroad Depot - Free

3:30-5:30 p.m. — *Picnic in the Park*, Big Spring Park - Tickets \$3

5:30 p.m. — *Vietnam Veterans Association College Scholarship, Award Ceremony*, Big Spring Park - Free

5:30-7 p.m. — *389th Army Band in Concert*, Big Spring Park - Free

Sunday, May 31

11 a.m. - 3 p.m. — *War Between the States Living History Camp*, Railroad Depot - Free

2-3 p.m. — *Re-enactment of Union Capture of Huntsville Railroad Depot*, Railroad Depot - Free

2 p.m. — *389th Army Band in Concert*, Madison Square Mall - Free

7 p.m. — *Huntsville Community Chorus Armed Forces Concert*, Bicentennial Chapel - Free

Constitution delegates arrived late

In these days of high speed travel by car, bus, plane or train, it is hard for us to understand the trouble created by the conditions of travel in the 18th Century. Horseback and carriage were the norm, and these modes of travel caused more than one man to arrive late in Philadelphia that summer of 1787 to write the new Constitution.

The gathering, which became known as the Constitutional Convention, was supposed to begin on May 14, 1787. In September of 1786, representatives of five states, meeting in Annapolis, Md., had requested a national (13 state) meeting to rework portions of the Articles of Confederation.

The national meeting was mandated by the Continental Congress only to make revisions on the Articles. As we now know, they went further than that.

George Washington, the hero of the American Revolution, was selected as one of Virginia's 10 delegates. Leaving his estate— Mt. Vernon — on the banks of the Potomac River on May 9, Washington did not arrive in Philadelphia until four days later.

The man who led the fight for independence was accorded the hero's welcome he deserved. General Washington at first secured a room at Mrs. House's, one of the city's more select rooming houses, but moved into the home of Robert Morris, himself a delegate to the Convention, at the invitation of the Morris family.

Actually, George Washington's trip was a comparatively easy one. Except for those delegates from Philadelphia, or close by, trips of three to four weeks were not uncommon. As a result, when it came time to convene the Convention on May 14, 1787, it was formally noted that a quorum was not yet present. In fact, it wasn't until 11 days later, May 25, when the

South Carolina delegation and two New Jersey delegates arrived that a quorum was achieved, and the work at hand could begin. (Copied from the Department of the Army's "Bicentennial of the Constitution: A Resource Guide.")



Ideas

(Cont'd from Page 1)

After evaluating proposals a developer would be selected. Cost and quality would be half of the selection criteria, while references, work history, financial condition and related considerations would make up the other 50 percent.

Dwain Elder is the project officer at Redstone Arsenal, replacing Sam Fields, who has assumed engineering responsibility for the steam-generating incinerator being developed by the Army and the city of Huntsville.

THE REDSTONE ROCKET

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Intelligence director believes in consolidated effort

BY SKIP VAUGHN

As director of intelligence and security here, Col. George Lewis leads an organization he helped design.

A model for the intelligence structure of major subordinate commands within the Army Materiel Command was developed last year. At that time, Lewis was serving in the office of the deputy chief of staff for intelligence at AMC headquarters. All nine of the major subordinate commands, including the Missile Command, have adopted the plan.

"It consolidated the intelligence-related functions which were fragmented throughout the command into one directorate under the chief of staff, both at the headquarters Army Materiel Command and at the major subordinate command levels," Lewis said. Each subordinate command has formed an intelligence-type structure that "correlates with what is found in most other Army organizations."

At the Missile Command, what are now the counterintelligence and security divisions were split from the provost marshal and combined with the foreign intelligence office. The result is the Intelligence and Security Directorate which consists of 79 civilians and six military people. It is responsible for intelligence, counterintelligence, security, and support of special access programs.

Lewis arrived in March as director of Intelligence and Security Directorate. His predecessor, Col. David Adderley, is retiring from the Army.

"My priority goals are to upgrade our mission capability, and to improve the quality of life and productivity of the work force," Lewis said.

His organization is not responsible for physical security nor law enforcement. "In other words, I'm not responsible for the gate guards or the MPs or crime," he said. It is responsible for such things as foreign intelligence, technology security, and the visitor center. The visitor center processes an average of 150-175 people daily. "We're presently exploring the feasibility of moving the visitor control center, which is now at gate 1, to gate 9 which will be more convenient for everybody concerned," Lewis added.

The counterintelligence division provides personnel security and does security clearances for civilian workers and military people assigned to MICOM.

"The Army has what it calls 'special access programs' which are programs that require security above and beyond that for normal programs," Lewis said. "We're responsible for security and overall administration of those programs."

Lewis, 48, was born and raised in Sharon, Pa., located about 70 miles northwest of Pittsburgh. His father owned a small business—a gas station and grocery store. Lewis has a bachelor's degree in industrial management from Ohio University, and a master's in public administration from the University of Northern Colorado. His Army career began in 1961 as an enlisted special agent in military intelligence. He served two tours in Vietnam (1967-68 and 1971).

His military intelligence career has been "very challenging and very rewarding," Lewis said. He and his wife Jeannette have a daughter and son. Julie, 21, is finishing her junior year in business administration at Texas A&M University. Eric, 19, is a sophomore

majoring in aerospace engineering at Notre Dame. Lewis likes to play tennis and "dabble" in the stock market.

"You have all of the like functional areas in one staff element," he said, regarding the benefits of a consolidated intelligence organization. "And there's a certain synergism that develops from that."



LEWIS

Academy here for NCOs 'trains the trainers'

BY JEFF WATSON

Leadership 1: the office or position of a leader; 2: the capacity to lead.

Leadership. Easy to define, yet sometimes hard to develop. If it is true that leaders are made and not born, then whose responsibility is it to assure they receive the proper training?

"In the Army, training is the responsibility of the NCO," said Sgt. Maj. Thomas M. Young, NCO Academy commandant. "And, the NCO Academy is responsible for training the noncommissioned officer. We train the trainers."

The NCO Academy, or NCOA, was established at the Ordnance Missile and Munitions Center and School at Redstone Arsenal in February. It is the only NCOA for missile and munitions NCOs in career management fields 27, Land Combat and Air Defense System Intermediate Maintenance and 55, Ammunition. As a result, students attending the academy represent other Army installations inside and outside the continental U.S.

The purpose of the academy is to help NCOs progress and develop their leadership, soldiering, and technical expertise at an advanced level in their professional careers. The objectives of the academy according to Army Regulation 351-1, 6-2 are as follows:

- To train soldiers in the fundamentals of techniques of leadership
- Prepare the soldiers to train their subordinates
- Offer soldiers increased career educational opportunities.
- Instill increased self-confidence, a sense of responsibility which further enhances their capabilities as leaders, and provide selected soldiers with critical training in their specialty.

The academy at OMMCS consists of two primary courses, taken separately in a soldier's career: the Basic and Advanced NCO Courses. Training for the students will last anywhere from five to 19 weeks depending on their specialty; and all students live in the NCO billets while attending.

Basic course

Of the two courses, the basic (BNCOC) training places the most stress on the students. The course is designed to prepare sergeants and staff sergeants to be technically competent and tactically proficient leaders and trainers of ordnance soldiers. This is done by emphasizing standards, practical application of leadership skills, esprit de corps, and technical competence through hands-on and small-group instruction.

During BNCOC students participate in three different phases of training. In phase 1, lasting four weeks, students are trained in common leadership, soldierization, and technical-specialty skills. Phase 2, which Young considers the most enlightening and fascinating in BNCOC training, also lasts four weeks and offers students the chance to assist drill sergeants of the 832nd Ordnance Battalion in their normal everyday duties. This gives students a chance to see firsthand, and practice, the leadership training they have been receiving in the classroom.

In the third and final phase students resume their leadership and soldierization training and, as with the first two phases, their technicalspecialty instruction continues within the academic departments at OMMCS.

"I thought the academy was really good, I learned a

lot," said Sgt. David Kelly, an instructor-writer in the Land Combat Department, Tow-2 section at OMMCS, and a basic course graduate. "Even though the academy was new and had a few 'bugs' in it, the instructors and cadre were really good. It was challenging and I enjoyed it."

Because of the amount and intensity of their training, the basic course students' time is highly regimented. Their day begins before 5:15 a.m. and does not normally end until after 7 p.m.

"The schedule is very tight, but it teaches you time management," said SSgt. David Pelletier, a basic course graduate. "The environment is strict, and it gives you an idea of how they treat privates in basic now, but I thought BNCOC was overall very good."

Advanced course

The ANCO training within the academy is less strenuous and stressful than the basic course. Students in the advanced course are not as strictly controlled, but are still required to complete technical-specialty, leadership, and soldierization training. Their training emphasizes professional skills, military studies, resource management, communications, leadership, and technical proficiency—all subjects introduced in the basic course, but now presented at a more advanced level.

"The ANCO training was conducted very professionally," said SSgt. Andy Davis, an assistant platoon sergeant with the 515th Ordnance Company. "I was there for almost four months and a lot of improvements were being made in the course. I thought

(See NCOs, cont'd on Page 5)



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New test tower rising above trees on south arsenal

BY PAM ROGERS

The steel has started going up on the new test tower facility located in the southeastern part of the arsenal. When it's completed, the 325-foot tower will be visible for miles, according to officials at the Missile Research, Development and Engineering Center.

Although plagued with problems ranging from finding a site out of Federal Aviation Administration Flight Paths to lengthy coordination with other Missile Command organizational elements, construction is on schedule, according to Reb Russell, chief of the Millimeter/Microwave Guidance and Technology Branch of the Advanced Sensors Directorate.

The facility has survived two major budget cuts, and although it won't be exactly as originally planned, it will be unique to this part of the world, Russell said.

"We have a fixed price of 2.1 million dollars. Originally the price was 5 million," he said. The cuts resulted in the directorate giving up a planned lab building at the base of the tower and a personnel elevator.

"We'll have to use the test elevator to move people or they'll have to walk up 300 feet of steps," Russell said.

The test elevator will be capable of stopping every 10 feet to simulate missile approach angles. At the top of the tower will be a 19-by-32-foot building which will include a weather station for monitoring environmental conditions during testing.

The tower will be used to test seekers and sensors as well as other instrumentation. Tests currently are being performed in a variety of ways at several different locations, according to Keith Hilliard, an electronics engineer in the Advanced Sensors Directorate.

Testing is now being done from the F1 tower at the Marshall Space Flight Center, test vans, helicopters, and from a tower at Eglin Air Force Base, Fla. The new tower will centralize testing and reduce costs.

Another feature planned for the facility is a mobile turntable, situated on the ground near the tower, capable of holding a 70-ton tank, and tilting it to angles of up to 45 degrees, Hilliard said. The turntable, which will be self-propelled, should be completed by June 1988.

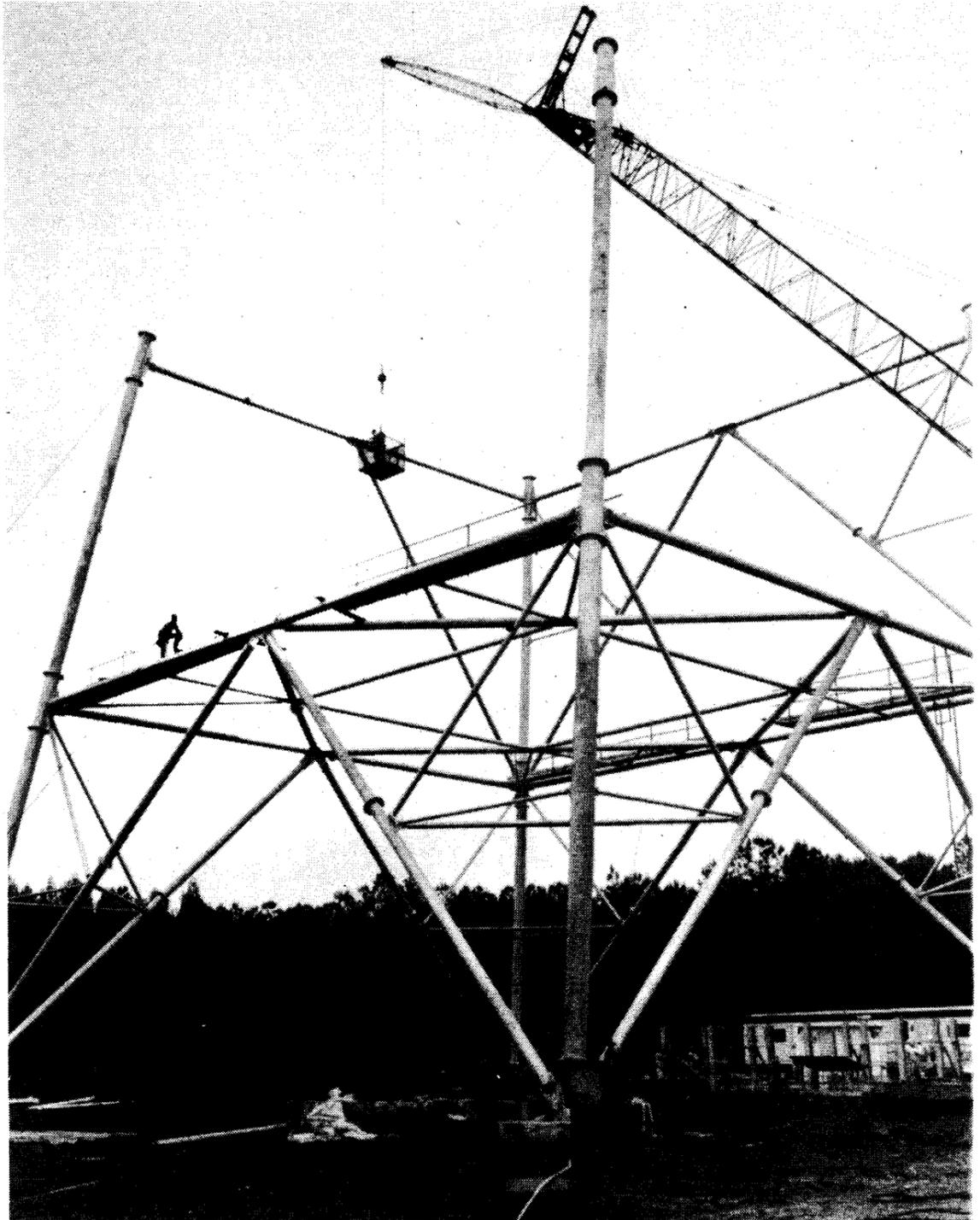
"When we're doing measurements, we like to look at the target from different angles," Hilliard said. The turntable will make that easier, and since it will be mobile, tests with different background clutter can be achieved relatively simply.

"We can use the tower without the turntable, but the turntable will really add utility," he said.

The tower will be more stable than those currently in use. Stability is crucial in the testing of some of the newer, millimeter-wave seekers, according to Russell.

"Nobody has a stable place to test them. Any movement translates into an error. A fraction of a wavelength can cause trouble," Russell said.

The tower is being built by Beckman Construction Company of Fort Worth, Texas. The specifications and construction method required for the tower caused



UNDER CONSTRUCTION — When finished the tower will be used to test missile seekers and sensors, as well as other instrumentation.

ed a few headaches for the contractor in the beginning, but work is going smoothly now, said David Vale of the U.S. Army Corps of Engineers' Mobile District.

"Most towers are built from I-beams, and they're

easy to walk. This one is made of tubular steel. It's almost impossible to walk," he said.

Construction of the tower is expected to be complete by late December.

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OMMCS displays 'Freedom Shrine'

The team leader branch of the Professional Development and Training Department at the Ordnance Missile and Munitions Center and School was chosen to receive the "Freedom Shrine" May 14.

Given each year by the Exchange Club of Greater Huntsville, the Shrine consists of 28 documents from U.S. history. Some of the documents include the Mayflower Compact, Declaration of Independence, U.S. Constitution, 13th Amendment, and the German Instrument of Surrender during World War II.

Michael Kirkpatrick, president of the Exchange

Club, said at the dedication ceremony that his group is a service club devoted to supporting charities and community events. The Freedom Shrine is part of the club's "American Heritage" program.

"The reason we give this shrine is so that we might educate people about the importance of the documents and how it adds to our American heritage," he said.

The Shrine, measuring 4 feet by 21 feet, can be viewed in building 3329. Each document has been authentically reproduced and individually laminated on a framed display board.



BOUQUET— Lena Aldrup holds the bouquet of roses she received on Mother's Day at the Post Exchange for being the oldest grandmother present. The 81-year-old resident of Whitesburg Nursing Home is the widow of Col. Earl Aldrup, former commandant of the Anniston Army Depot, and is the mother of retired lieutenant colonel Earl Aldrup Jr.

Wave Your Flag



NCOs

(Cont'd from Page 3)

the whole academy was very professional and ANCO was an excellent course. I learned a lot from it."

The responsibility of leadership and soldierization training lies within the academy. It strives to develop excellence in soldier performance and apparently has set a good example.

Recently the academy passed with flying colors an accreditation visit by the Logistics Center at Fort Lee, Va., according to Young. This is a reflection of the high caliber of people the academy has and the excellent job they are doing, he says.

In the future Young would like to see a facility built specifically for the academy. But for the time being, he believes it offers an excellent place for students to live and train while assigned, completing what he sees as the most important step in their careers.

THOMSON-CSF



Electronic Systems Division In Research Park

Thanks For A Great First Year HUNTSVILLE!

Visit Our Exhibit At
Armed Forces Celebration '87
Von Braun Civic Center
May 26, 27, & 28, 1987

Insects can be controlled with good sanitation

BY SKIP VAUGHN

In the words of the little girl watching television in the "Poltergeist" movie: "They're here." They crawl, they fly and they hide in household cracks and crevices. The dreaded, warm weather...insects.

Area residents can expect to see more insects this season because of the mild winter, according to Maj. Shannon Johnson, environmental science officer at Preventive Medicine Service.

"When you have a harsh winter which produces snow and freezing type conditions, this has a tendency to lower the insect population," he said. "With the milder winter, an increased insect population is usually observed in the early spring months."

Insects that plague many households this time of year include roaches, ants, flies, and mosquitoes. Those with pets may have problems with other warm weather insects— fleas and ticks.

"Good sanitation practice can eliminate roach problems in a majority of the homes," Johnson said. This means eliminating or reducing their source of food. Residents should do such things as clean dirty dishes, pick up crumbs, and empty trash cans. They should also try to avoid bringing roaches into the home in grocery bags, for example.

Roaches tend to hide in cracks and crevices in walls and furniture.

"If you see roaches during the daylight hours when people are active, then a general rule is you've got a roach infestation," Johnson said. One family with poor sanitation practices can contaminate an entire apartment building with roaches.

Ants can be combated with pesticide. Fire ants can cause serious allergic reactions.

"Different types of flies breed in different types of organic matter," Johnson said. "Some breed in garbage, some breed in animal feces. If you eliminate the breeding sites, you effectively reduce the fly population."

Mosquitoes normally don't infest a home in large



TRAP— Johnson shows a trap designed to catch roaches.

numbers. They can be avoided with proper screens on windows; and people can use an insect repellent to keep mosquitoes away from them. An old tire with water inside can be a potential breeding place for mosquitoes.

"Mosquitoes are the vectors of various diseases," Johnson said. These include such illnesses as encephalitis. The so-called Asian Tiger Mosquito, a relatively new mosquito identified in the U.S., can transmit dengue fever. Johnson has conducted surveillance on post in search of the Asian Tiger Mosquito but, he said, "none have been identified (here) as of this point in time."

In case of infestation by fleas and ticks, a resident is advised to do the following at the same time: bathe his or her pet in a flea/tick dip solution; have the yard and the inside of the home sprayed by a licensed pesticide operator. "It's imperative you eliminate the fleas in all three sources (the pet, yard and home)," Johnson said. Ticks can transmit Rocky Mountain Spotted Fever.

"The key to insect control is proper sanitation procedures," Johnson said. "With proper sanitation procedures, you prevent the occurrences of insect populations. Sometimes proper sanitation procedures must be combined with pesticide operations to reduce or eliminate insect populations."

John C. Calhoun State Community College

Registration May 26, 1987

Classes Begin June 16, 1987

Building #3711, 3:30-5:00 p.m.

DAY CLASSES

BUS 244 Accounting II
ECO 232 Economics II
ENG 101 English Composition I
ENG 102 English Composition II
MTH 091 Developmental Algebra I
PSY 200 General Psychology
SOC 200 Introduction to Sociology

EVENING CLASSES

BUS 243 Accounting I
BUS 244 Accounting II
BUS 262 Business Law II
BUS 279 Small Business Management
CIS 180 Introduction to CIS
CIS 211 Basic Programming
ECO 231 Economics I
ECO 232 Economics II
ECO 232 Economics II
ELT 102 AC Circuits
ELT 119 Introduction to Semi Conductors
ELT 209 Micro Processors
ELT 211 Industrial Electronics
ENG 090 Basic Writing
ENG 101 English Composition I
ENG 102 English Composition II
ENG 251 American Literature I
ENG 262 English Literature II
HED 231 First Aid
HIS 101 Western Civilization I
HIS 102 Western Civilization II
HIS 102 Western Civilization II
HIS 201 US History I
MTH 090 Basic Math
MTH 091 Developmental Algebra I
MTH 092 Developmental Algebra II
MTH 101 Mathematical Insights
MTH 110 College Algebra
MTH 217 Calculus IV
*ORI 100 Orientation
*ORI 100 Orientation
PHS 112 Physical Science II
POL 211 American Government
PSY 200 General Psychology
PSY 230 Abnormal Psychology
SOC 247 Marriage & Family
SPA 202 Intermediate Spanish II
SPH 106 Fundamentals of Speech
RDG 085 Reading
TRT 219 Interstate Commerce Law

DAY	TIME	CREDIT	BLDG.
T-TH	8:00-10:20	5	3222
T-TH	10:30-12:50	5	3222
M-W	8:00-10:20	5	3222
M-W	10:30-12:50	5	3222
M-W	8:00-10:20	5	3222
T-TH	10:30-12:50	5	3222
T-TH	8:00-10:20	5	3222
T-TH	4:30-6:50	5	3305
T-TH	7:00-9:20	5	3305
T-TH	7:00-9:20	5	3305
M-W	7:00-9:20	5	3305
M-W	7:00-9:20	5	3222
M-W	4:30-6:50	5	3222
T-TH	7:00-9:20	5	3650
M-W	7:00-9:20	5	3650
T-TH	4:30-6:50	5	3305
M-W	8:00-10:20	5	3650
M-W	5:30-7:50	5	3650
T-TH	8:00-10:20	5	3650
T-TH	5:30-7:50	5	3650
M-W	4:30-6:50	5	3305
M-W	4:30-6:50	5	3305
M-W	7:00-9:20	5	3305
T-TH	7:00-9:20	5	3305
M-W	7:00-9:20	5	3650
T-TH	5:00-6:30	2	3650
T-TH	7:00-9:20	5	3650
T-TH	4:30-6:50	5	3650
M-W	4:30-6:50	5	3650
M-W	7:00-9:20	5	3305
T-TH	4:30-6:50	5	3305
T-TH	4:30-6:50	5	3495
M-W	4:30-6:50	5	3305
M-W	7:00-9:20	5	3305
T-TH	4:30-6:50	5	3650
T	6:00-7:30	1	3222
W	6:00-7:30	1	3222
F	4:30-9:20	5	3650
T-TH	4:30-6:50	5	3650
M-W	7:00-9:20	5	3305
M-W	4:30-6:50	5	3305
M-W	4:30-6:50	5	3650
M-W	4:30-6:50	5	3650
T-TH	4:30-6:50	5	3305
M-W	4:30-6:50	5	3650
M	4:30-9:20	5	3650

*Meeting dates are June 22 or 23, July 13 or 14, August 3 or 4

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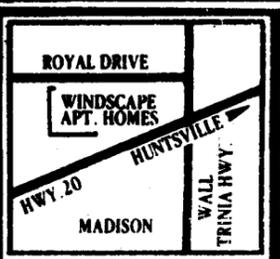


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Rights explained for spouses of service members

BY PAULA RAMSBOTHAM

One of the most common questions asked legal assistance attorneys is: what are my rights as a spouse of a service member during and after marriage?

Rights during marriage

Soldiers are required to meet the minimum support requirements of Army Regulation 608-99. Soldiers must support their dependents in an amount equal to the Basic Allowance for Quarters at the dependents rate if the family is not living on post and there is no outstanding court order. If the military family resides on post in government housing, the soldier should support the dependents at the difference between BAQ at the with-dependents rate and the BAQ at the without-dependents rate. If soldiers have been married more than once, their support obligations are based on the court-ordered support combined with a proportional share of their BAQ for their second family.

Some other military spousal benefits include the services of CHAMPUS and the privileges of the com-

missary and the post exchange. Medical, dental and legal care are also available to the military family.

Rights after marriage

The military spousal entitlements after marriage are in part based upon the length of marriage, the time in service and the overlap between the two. Under the Former Spouses Protection Act, military retired pay may be considered as marital property if:

- The court has jurisdiction over the defendant, and
- There has been 10 years of marriage and 10 years of active service towards retirement.

Payments end upon the death of the soldier or the former spouse. Payments to the former spouse cannot exceed 50 percent of the qualifying retired pay. Service members cannot be ordered by the court to apply for retirement in order to initiate payment under this law. Arrearages—payments owed—will not be considered in determining the amount payable from retired pay.

The act has some retroactive applications, depending on the date of the divorce decree.

Commissary, medical and PX privileges are available if the spouse has been married for 20 years, there has been 20 years of service and there is an overlap between the marriage and the service of 20 years. The former spouse must not be covered by any other medical insurance and must remain unmarried in order to qualify for assistance. To receive medical care alone, the former spouse must have been married for 20 years, with 20 years of service and have an overlap of only 15 years. In some states, soldiers can also be required to have former spouses named as beneficiaries to the Survivor Benefit Plan.

State law may grant additional benefits such as alimony and child support payments when the circumstances so require. More specific information may be secured through the local legal assistance office.

(Capt. Paula Ramsbotham is a legal assistance attorney.)



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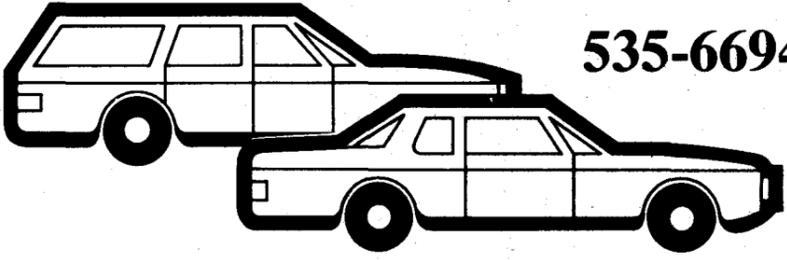


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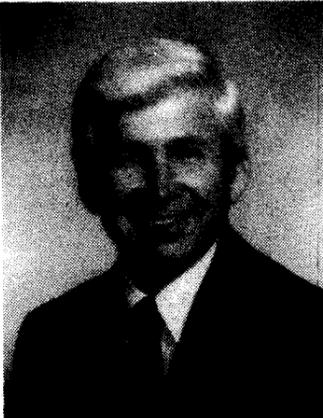
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Officers Wives end year with luncheon

The Officers Wives Club brought the 1986-87 club year to a close with its traditional end-of-year luncheon featuring contributions to charities and presentation of merit awards to outstanding students.

The club donated more than \$10,000 to 56 charitable, service and educational organizations in the Huntsville area.

Merit awards for academic excellence were presented to a member of the OWC and to graduating high school seniors and college undergraduates.

Receiving awards were OWC member Linda Vining, a student at Calhoun Community College; Kimberly Taylor, daughter of Col. William and Toni Taylor, a student at the University of Southern California; Monica Parsons, daughter of retired Lt. Col. John and Emily Parsons, a student at the University of Alabama; Robert Sikorski, son of retired Lt. Col. Robert and Barbara Sikorski, who will attend Vanderbilt University; and Kellie O'Donnell, daughter of retired Col. Robert and Nancy O'Donnell, who will attend Auburn University.

The club's executive officers for the 1987-88 club year were installed, with current president Diana Lamb passing the gavel of her office to Toni Taylor.

Other officers for 1987-88 include Mary Almond, first vice-president; Sharon Jordan, second vice-president; Susan Tower, recording secretary; Cathy Ryan, corresponding secretary; and Mardie Butler, treasurer.

Entertainment for the luncheon was provided by

Kim Smith, Tom Melton and Bill Sisson, accompanied on piano by Lisa Sides. The trio sang several songs from the 1940s and '50s.



PASSING THE GAVEL — 1986-87 OWC President Diana Lamb (left) passes the gavel to Toni Taylor, president of the club for the 1987-88 season.

AER carnival draws 800

The second annual Army Emergency Relief Fund carnival last Saturday raised \$318 for AER.

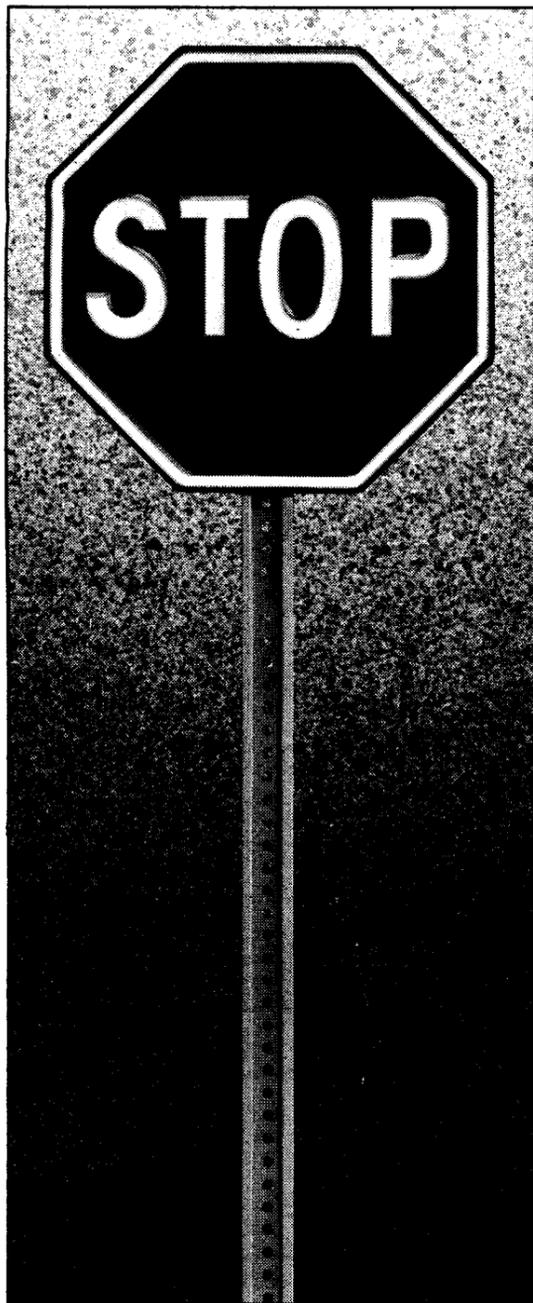
This increased the total raised in the local AER campaign to \$18,028, according to Juanita Adams, the Army Emergency Relief officer here.

An estimated 800 people attended the carnival held from 10 a.m. to 4 p.m. Saturday outdoors in the PX/Commissary area. "The events were great but we didn't get the people," Adams said.

"It was a beautiful day and a lot of people did have fun. The dunking booth was certainly a feature attraction. The people who came had a good time," she said. "We just needed more people." An estimated more than a thousand attended last year's carnival that raised \$890 for Army Emergency Relief.

The AER campaign began April 10 and was scheduled to end today with a \$40,000 goal. Adams found that some of the soldiers who came here to school had already contributed to Army Emergency Relief at Fort McClellan, Ala. "It doesn't matter where they contributed, it's all going into the overall AER program," she said.

"I certainly hope that we raise ten more thousand," Adams said early this week. "I hope we can reach \$30,000."



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Spouses tell of challenges, rewards of Army life

Editor's note: May 23 is National Military Spouse Day. The Army is recognizing Army spouses for their continuing contributions in supporting the Army way of life. In this article, three of Redstone's Army spouses give their views on Army life.

In honor of Military Spouse Day, ACS/AER is selling flowers to be delivered May 23. The flowers will be on sale through today, with delivery to designated areas May 22. If you want to buy flowers, see your unit first sergeant.

BY PAM ROGERS

They can pack up an entire household and move halfway across the world, sometimes with only a few days notice. They may raise families single-handedly for a year at a stretch. They learn to deal with growing pains and household crises. Some give up a chance for their own careers. And they know what it's like to be lonely.

They're people who are married to soldiers— people who, according to the Army, play a big part in keeping our soldiers ready for battle.

Erin Bingle has been an Army wife for less than a year, and she hasn't experienced the transience most soldiers' families usually go through. Still, the Army took some getting used to for the Indianapolis native.

"I lived in the same house all my life. I never moved, and it was very stable. I knew everybody (in the neighborhood). It was a change to move here, and I didn't know anything about the military," Erin said.

She and her husband, 1st Lt. John Bingle, chose to live off-post, and it made for some lonely times when John traveled. Her parents worried about her being alone in a strange town.

"At first, if John went away for a week, my mother wanted me to come home," she said.

She and John met while they were in college, but they didn't go to the same college. They were 70 miles apart. Then John joined the Army and came to Alabama.

"So we always had a long-distance relationship. He was here almost two years before we were married, and I was in Indiana. He would come to Indianapolis once or twice a month.

"I thought that after we were married— after our long-distance relationship, we would see each other every day. Then the trips started, and I wasn't prepared for that," she said.

That's when she learned that the old saying about the Army taking care of its own is true.

"A lot of times, people said to give them a call if I had a problem, or offered to let me sleep on their couches. People understand because they've been in the same boat. They know how it feels," she said.

Even though John isn't planning to make a career of the Army right now, Erin believes she could make the Army a way of life if he changes his mind.

"I like it. The Army community is very good. There are all sorts of people to meet, and they're friendly. There's a lot offered on post, like the groups that meet, and activities at the chapel.

"The moving probably wouldn't bother me, but it would bother me being apart from John if he had to go overseas for a year or if I had a baby and he wasn't around. That's what would worry me the most," she said.

The Davis family

Sandra Davis has been married to a soldier for the past 28 years.

"I love it— I always have," she said. Her husband, CSM Gene Davis, is command sergeant major of the Ordnance Missile and Munitions Center and School. They have two daughters: Kim, 27 and Gwen, who will be 23 next month.

Without the Army, Sandra said, she would never have had the opportunities to live in different places and meet all kinds of people.

"I never would have lived in Germany or Japan," she said.

The Davis family has moved about 15 times. Not as much as some Army families, but enough for Sandra to know the pain of making good friends and then leaving them behind.

"Your friends become your family because you have no one else, and I'm not one for saying good-byes. I'm real emotional.

"It's a different life. When I go home, I have nothing in common with the people in North Carolina where I grew up. They don't understand— they think we're gypsies," she said.

The only thing Sandra dislikes about being an Army wife is the inevitable periods of separation from her husband.

"In '65 he went to Vietnam. I've always been a big girl, but I lost down to a size 10, because of the stress. I never knew when I might get a phone call, or a taxi would pull up, and he'd be dead."

The other short tours were just a matter of waiting— and coping.

"You just count the days and the months. A year's not that long. You have to be to be mother and dad, and kids know— mine did— they can get away with more.

"I tried to stay active with the Red Cross and the Girl Scouts. You have to keep busy. You can't stay home and think, 'poor, pitiful me.' You learn to change light bulbs and piddle with the cars, because there's no one else to do it."

Sandra, who just finished a term as president of the NCO Wives Club, is concerned about the apparent lack of community involvement on the part of some enlisted and NCO wives.

"I think they think their husbands have nine-to-five jobs. They're not involved. And it's not just the young ones. A lot of them live off-post," she said.

Sandra would like to see more wives get involved in the NCO Wives Club and other activities on post.

"If the kids could only see the advantages of the Wives Club. You can join when your husband is a Spec 4, and you learn things through the club," she said.

It's important for young wives to remember that their husbands are soldiers, not people with nine-to-five jobs, according to Sandra.

"The Army comes first. It should come first. He may have extra duties, and so what if he doesn't get home at four o'clock. Keep dinner warm until he does get home.

"Get involved in the community. Get out and meet people, even if it's only for an hour a day. Be an ACS volunteer, join the wives club," she said.

"If they did that, they would enjoy Army life a lot more."

The Driver family

Chris Driver has made a commitment to support his wife's Army career. He's married to Capt. Carolyn Driver, head nurse of the Intensive Care Unit and Recovery Room at Fox Army Community Hospital.

It was something he hadn't really planned for when he and Carolyn married almost 10 years ago. He was just out of law school, and Carolyn was finishing up a tour of duty.

"I figured I was going to get her out. I did, but I couldn't keep her out," Chris said. Carolyn had a break in service of about a year before going back to the Army.

"The idea of her doing 20 and me going all over the world— that's something you have to be ready for. I wasn't ready— I had to decide," he said. Chris, an attorney, realizes that being an Army spouse probably will mean he won't be able to establish a law practice, at least for another 11 years.

Male spouses are something of an oddity on Army posts, according to Chris. Many people are surprised when they see his dependent identification, and some even question his status.

"Some are a little less rigid, less prejudiced. They don't have a problem at all. But I still get wide-eyed looks of disbelief," he said.

This is the Drivers' first experience with living as a family on an Army post. They lived for a while in Fayetteville, Tenn., halfway between Redstone and Tullahoma, where Chris works as a staff attorney for Legal Services of South Central Tennessee. They decided to move on post to make it easier to care for their two sons, Dele, 7 and Anthony, 1 and their daughter, Christina, 4.

Living with the relative lack of privacy common to any Army post has been a difficult adjustment for Chris.

"The military is not just like another job. It's a unique function, and makes the military environment different from the average life. Generally, you've got to go with the flow," he said.

"And it can be socially awkward at times. The Army for many years has been a macho thing, and women are still resented. By virtue of the fact you're married to a woman in the Army, supporting her, helping her further her career, they resent you. It's manifested in snide comments and nasty innuendoes. They ask me if I'm a 'house-husband,'— question my masculinity," he said.

The thought of separation bothers him more than any other aspect of Army life. They were separated for nine months when Carolyn was finishing a tour at

Walter Reed and he had already moved south to start a new job.

"Those were a tough nine months," he said.

Chris is in the Army Reserve, and believes he may be able to avoid separation by going on active duty if necessary.

"If anybody is well-placed and suited to a position, it's Carolyn. She's really cut out to be an Army nurse.

"The Army needs her, in my opinion, and the Army's good for her. I want to see her in the Army as long as feasible, up to 20 years, by which time I will have had enough, and she can start following me around."



LOVES ARMY LIFE— Sandra Davis has been married to a soldier for 28 years.



NEWLYWEDS— Erin and John Bingle have been married 10 months.



ADJUSTING— Chris Driver has decided to support his wife, Carolyn, in her career as an Army nurse. Carolyn is holding Anthony.

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Military comptrollers present scholarships

The Redstone/Huntsville Chapter of the American Society of Military Comptrollers awarded scholarships to two outstanding high school seniors last week.

The \$500 scholarships were presented to John M. Holdcraft II, a student at Stevenson High School in Stevenson, Ala. and to Kimberly K. Greene, a student at J.O. Johnson High School in Huntsville. Greene will now compete for a \$2,000 scholarship to be awarded by the national office of ASMC.

The scholarship program recognizes high school seniors for past academic achievement, and provides financial assistance to them for accomplishing their financial management baccalaureate educational goals.

To be eligible for a scholarship, students must plan to enter a field of study directly related to financial management, such as business administration, economics, finance, computer science, or accounting.

Goals of the Redstone/Huntsville chapter include: assisting in maintaining and improving the high standards of military comptrollership, stimulating interest in and appreciation for comptrollership matters, facilitating the application of advanced comptrollership knowledge and techniques in the several services and fostering a spirit of good will and good fellowship among members.

Active membership is restricted to military personnel, government civilians and non-appropriated fund workers employed in the field of comptrollership. Associate memberships are offered to people who demonstrate an interest in military comptrollership and honorary memberships are conferred upon those who have made outstanding contributions to the field.

For more information about ASMC, call Polly Cason 876-1635.



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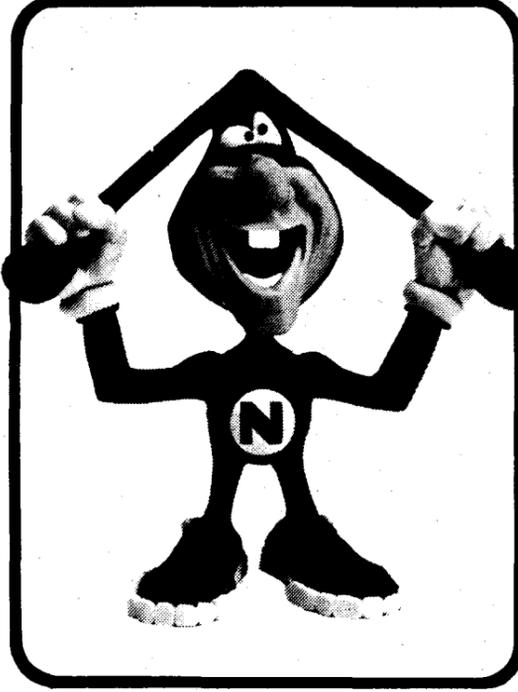
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Presidential sports awards offer challenge

WASHINGTON— "Sport is clearly one of the happier inventions of the human mind: one can think of few activities that yield so much pleasure and so many benefits."

So begins President Ronald Reagan's recent message about the Presidential Sports Award program, which is sponsored by his Council on Physical Fitness and Sports.

Open to all Americans aged 15 years and older, the program gets its impetus from the premise that "A strong, vital America depends on physically fit Americans." It consists of 43 qualifying sports, ranging from archery and back-packing to figure skating and weight training. Participants select one or more sports and keep a personal fitness log to meet the qualifying standards for each selection, thus earning the award. For example, to earn the award for the sport of running, the runner must:

- Run a minimum of 200 miles;
- Run continuously for at least three miles during each outing. No more than five miles in any one day may be credited to the total (longer runs are not discouraged, but miles counted toward 200-mile total must be spread over at least 40 outings);
- Have an average time of nine minutes or less per mile (27 minutes for three miles, 45 minutes for five miles, etc.).

The award itself consists of a personalized presidential certificate (suitable for framing), a congratulatory letter from council chairman George Allen, and an embroidered emblem signifying the sport in which the award was earned.

"May's being National Fitness and Sports Month," said Maj. Dick Hayford in the Army's Office of the Deputy Chief of Staff for Operations and Plans, "presents an opportune time for Army people to join in the program. Besides that, now that the council's headquarters have been moved from New York to Indianapolis, where the Army's physical fitness center is located, we have all the more incentive to get behind the program."

Hayford, who coordinates physical fitness training with the center, the Army staff and the major Army commands, views the presidential awards program as "especially valuable to soldiers in the reserve components — because it offers them a formal means for achieving the same kind of fitness regularity that's available to their active component counterparts."

For more information on the program — such as a full listing of the 43 sports, application forms and log sheets — write to the Presidential Sports Award, AAU House, P. O. Box 68207, Indianapolis, Ind., 46268. (Arnews)

Carter hits five homers

Joe Carter provided most of the spark for a power display by the Athletics in civilian softball league action.

Carter slugged five homers plus a triple and drove in eight runs as the Athletics clobbered the MSIC-2 team 44-3. Kurt Wheat delivered seven runs while Willie Watson brought in five.

Meanwhile, the MSIC-1 team scored five runs in the bottom of the seventh inning for an 11-10 come from behind win over Patriot. Joe Neal Warren homered twice in the game.

The Cougars won two games: 15-2 over CPO and 18-2 over COE. Kenny Brooks homered and drove in four runs against CPO. Sam Meadows hit a homer and delivered four runs against COE.

In other games, the Athletics clipped COE 6-4, the MSIC-1 team beat MED 14-7, CPO nipped Redrocks 15-14, Pershing edged Redrocks 16-15, RADS whipped Stallions 24-10, RADS defeated Patriot 14-8, the Hawaiinoids pounded Pershing 35-1, and the Hawaiinoids beat SEPD 19-9. Also, T&E defeated Thiokol, Stallions got past Servicemaster, MED outdid Servicemaster, and Thiokol beat MSIC-2; scores were not available for these games. Jay Loomis got five hits in five at-bats for RADS in the win over the Stallions.



HOW TO PLACE A REDSTONE ROCKET CLASSIFIED AD

The *Redstone Rocket* provides the *Rocket Classified* section as a free service to active duty military personnel and Army civil service personnel at Redstone Arsenal. To place a *Redstone Rocket Classified* ad:

- Type or legibly print a brief description of what you want to sell on an 8½ by 11 piece of paper (no 3 by 5 cards or torn paper accepted). You must list a price, your home phone number, your home address and your duty status (active or civil service).

- Sign the ad.

- Deadline is Friday at noon, before the Wednesday publication. Ads will run for one week. You may resubmit them.

- The *Redstone Rocket* will not publish FREE ads concerning businesses. The ad must be a personal item for sale.

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Drill sergeants honored

WASHINGTON— Drill sergeants representing the active and reserve components accepted awards as Army Drill Sergeants of the Year in ceremonies at the Pentagon May 11.

SFC Jeffrey S. Buczkowski, Company D, 1st Battalion, 390th Regiment, 2nd Brigade, 98th Division, Training, New York, accepted the Ralph E. Haines Jr. Award from Army Chief of Staff Gen. John A. Wickham Jr. The award recognizes the outstanding drill sergeant from the reserve components.

Former Secretary of the Army Stephen Ailes presented the award named in his honor to Ssgt. Michael A. Garman, 136th Engineer Brigade, Fort Leonard Wood, Mo., as the outstanding Drill Sergeant serving on active duty. (Arnews)

Early transition program updated

WASHINGTON— The Army's Early Transition Program for fiscal year 1987, which was begun in February as a budgetary move, calls for soldiers' involuntary release from active duty two months before the expiration of their term of service.

The program was expected to affect 32,000 soldiers and save the Army \$109 million. But recent official estimates indicate the program may be falling short of its goal. To meet that goal, Army personnel officials have stressed that commanders may not grant unauthorized exceptions.

Under the program, early release is mandatory except in cases of extreme hardship. Inconvenience for

the soldier is not considered a hardship. There are no provisions for commanders to grant a soldier an exemption because he is needed at the unit.

An unanticipated increase in re-enlistments is also affecting the program. Re-enlistments exceeded projected levels by 1.2 percent for the first half of fiscal year 87.

The program is in its final three months and there are no plans for extending the program beyond July. Soldiers who would normally be leaving by Sept. 30 will face transition by the end of July. (Arnews)

COLUMBIA COLLEGE

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Session III
May 25-July 18, 1987



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CLASS SCHEDULE

MONDAY/WEDNESDAY 5:00 PM — 7:30 PM

Course #	Course Title	Prereq.	Instructor
BUS 331	Consumer Behavior	BUS 150	Smalley
ENG 104*	Developmental English	None	Yates
HIST 302	The American Constitution	None	Cushman
SOC 111	General Sociology	None	Bill

*Tuition Free Course

MONDAY/WEDNESDAY 7:30 PM — 10:00 PM

Course #	Course Title	Prereq.	Instructor
BUS 361	Human Resource Mgmt.	BUS 150	LaFleur
BUS 438	International Business	BUS 330	Smalley
		Or Instr. Perm	
ENG	English Composition I	None	Yates
PSY 325	Research & Methodology	MA 250	C. Patty

TUESDAY/THURSDAY 5:00 PM — 7:30 PM

Course #	Course Title	Prereq.	Instructor
CIS 493	Mgmt. Information Systems	CIS 150 or CIS 170	Thomas
CJ 301	Criminal Law	CJ 101	Moon
ENG 112	English Composition II	ENG 111	Mills
MUS 323	Music of the United States	None	Cox
PSY 101	Introduction to Psychology	None	Kilgore

TUESDAY/THURSDAY 7:30 PM — 10:00 PM

Course	Course #	Prereq.	Instructor
BUS/HIST	History of American	BUS 150	Thomas
371	Business		
ENG 190	The Short Story	ENG 111	Mills
		& 112	
GEOG 302	Urban Geography	None	Foster
MA 150	College Algebra	None	S. Patty

GENERAL INFORMATION — 1987

ACADEMIC CALENDAR-SESSION III May 25-July 18
 Registration Begins April 27
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 Late Registration Ends June 2
 Tuition Assistance Form Deadline June 2
 Last Day to Drop June 5
 Classes End July 18
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Constitutional Convention began May 25, 1987

(Historical background of the U.S. Army in the United States in 1787: The U.S. Army in 1787 was a small force made up of regulars and state militiamen. In the days preceding the opening of the Constitutional Convention on May 25, 1787, the city of Philadelphia witnessed the arrival of 55 delegates attending the convention.)

WASHINGTON— May 25: On this date, the Constitutional Convention, which was called by Congress to amend the Articles of Confederation, formally convened in Philadelphia with delegates from seven states in attendance.

Robert Morris, a delegate from Pennsylvania, proposed that Gen. George Washington be chosen president of the Convention. This was seconded by John

Rutledge of South Carolina, and Gen. Washington was unanimously elected to that position. Washington, according to James Madison's notes, "thanked the Convention for the honor they had conferred on him, reminded them of the novelty of the scene of business in which he was to act, lamented his want of better qualifications, and claimed the indulgence of the House towards the involuntary errors which his inexperience might occasion."

Other business of the day consisted of the election of Maj. William Jackson, who was not a member of any state delegation, as Secretary and of a committee consisting of George Wythe (Va.), Alexander Hamilton (N.Y.) and Charles Pinckney (S.C.) to draw up rules of conducting the Convention's business. (Arnews)

Ordnance hall inducts six

ABERDEEN PROVING GROUND, Md.— Six new members were inducted into the Ordnance Hall of Fame during ceremonies held at the Ordnance Center and School marking the 175th anniversary of the Ordnance Corps May 8.

The inductees were Lt. Gen. Donald Melton Babers, Lt. Gen. Robert L. Bergquist, Brig. Gen. Frederick G. Waite, Dr. Robert J. Eichelberger, Charles B. Salter, and CSM Donald Lee Turner.

The Hall of Fame, located in the Ordnance Museum, was established May 9, 1969 in order to give perpetual recognition to those who have made significant contributions to the ordnance mission of the U.S. Army. In addition, it preserves a substantial amount of historical information about the Ordnance Corps, and serves to promote greater awareness of its traditions, missions, and achievements.

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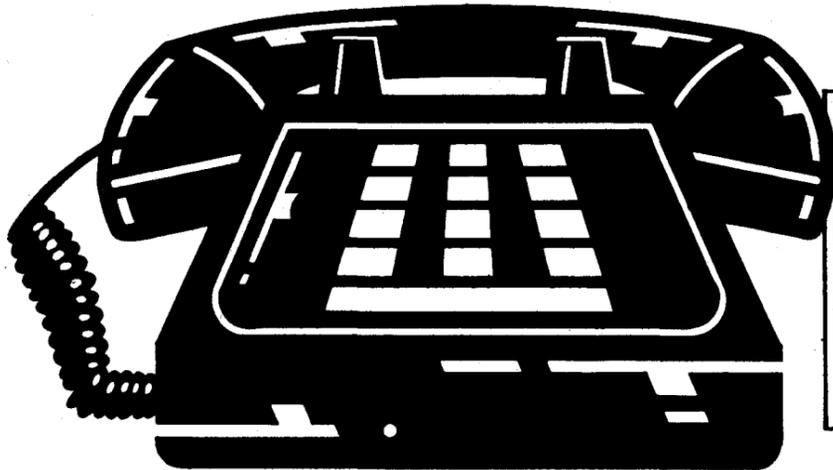
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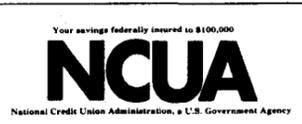
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Soldiers' mortgage interest payments ruled tax-deductible by IRS

WASHINGTON— Soldiers who receive tax-free housing allowances will be permitted to deduct mortgage interest and property taxes on their homes, according to a recent Internal Revenue Service ruling. Soldiers are eligible to receive tax-free housing allowances if they do not reside on military installations.

The ruling is based on provisions in the Tax Reform Act of 1986 and applies to future years as well as past years. Mortgage interest and property taxes can be claimed only if the taxpayer itemizes the deduction on the 1040 long form.

The IRS previously had announced it was studying the question of whether members of the uniformed services were entitled to take deductions for mortgage interest or property taxes to the extent they received tax-free housing allowances from the federal government. However, the IRS also said that any determination on this issue that would adversely affect members of the uniformed services would not be applied to mortgage interest and property taxes paid before Jan. 1, 1987.

The IRS advises members of the uniformed services to file an amended return—from 1040X—if mortgage

interest or property taxes were not claimed on a tax return filed for a prior year and claiming them would mean less tax. An amended return must generally be filed within three years from the date the taxpayer's return was filed or two years from when the tax was paid, whichever is later. (Arnews)

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CM 5012 Proc. & Control Mgmt. & Admin. II	6 July	14 Sept.	Mon.
SM 5084 Materiel Acquisition Management	6 July	14 Sept.	Mon.
*SM 5000 Financial Accounting	7 July	15 Sept.	Tues.
SM 5021 Business Law	7 July	15 Sept.	Tues.
CM 5014 Cost Prin., Eff. & Control	7 July	15 Sept.	Tues.
OR 5104 OR Computer Techniques I	7 July	15 Sept.	Tues.
SM 5032 Personal Mgmt. & Indus. Relations	7 July	15 Sept.	Tues.
SM 5001 Managerial Accounting & Control	8 July	16 Sept.	Wed.
SM 5026 Computer Applications for Managers	8 July	16 Sept.	Wed.
CM 5017 Control & Subcontrol Formulation	8 July	16 Sept.	Wed.
OR 5024 Decision Theory I	9 July	17 Sept.	Thurs.
SM 5013 Behavioral Science & Management	9 July	17 Sept.	Thurs.
SM 5022 (A) Analysis Methods in Mgmt.	9 July	17 Sept.	Thurs.
SM 5029 Comp. Operations Management	9 July	17 Sept.	Thurs.
Sm 5109 Organizational Theory & Design	9 July	17 Sept.	Thurs.

*Course will meet at Huntsville Hospital

Approval has been granted for Veterans Administration tuition assistance for eligible persons. For more information contact F.I.T. Resident Director. 876-1581 or visit the Center in Bldg. 7446 Warehouse Road. Weekdays between 0900-1630.

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830-1300

Announcements



Top graduates

The following service members received Honor or Distinguished graduate awards at OMMCS May 4-8: Lance Cpl. Robert E. Watts, distinguished, PFC Stephen Thomas Secules, honor, Ammunition Specialist; Cpl. Clark R. Phillips, distinguished, Cpl. James W. Stencil, honor, Improved Hawk Continuous Wave Radar Repair; Sp4 Mark D. Roland, distinguished, and Sgt. Daniel L. Wells, honor, Tow/Dragon Repairer.

Hot-air balloons

More than 50 hot-air balloons will ascend from Decatur's Point Mallard Park during the Alabama Jubilee's 10th anniversary, May 23-25. Five hot-air balloon "races" (actually navigational tests, since balloons must ride the wind) are scheduled for the Alabama Jubilee Hot-air Balloon Classic, Alabama's first regularly scheduled balloon event. All Alabama Jubilee events are free to the public. For more information, call the Decatur Convention and Visitors Bureau 350-2028.

Girl Scouts

Camp Trico, a summer resident camp for girls age 6-17, is now accepting registrations for sessions scheduled June 21-July 25. Located on the shores of Guntersville Lake, the camp is owned and operated by Girl Scouts of America Inc. and is accredited by the American Camping Association. For more information or a camp brochure, call the Girl Scout Service Center in Huntsville 883-1020.

Federally employed women

Federally Employed Women will have its regular meeting at the Officers Club at 11:15 a.m. May 21. All members should attend in order to elect new officers. Dr. Slate from Athens State College will speak on "Using Psychology to Enhance Our Daily Lives." For reservations call Meador 876-5414, Ducote 876-1841, or King 876-4206.



Learning center

Army Learning Center offers the following self-paced, in-house courses: "Engineering Review Program," a 100-hour course, and "Story of Radiation," a three-hour videotape and text material course. Areas covered by Engineering Review Program include mathematics, statistics, strength of materials, dynamics, electrical theory, chemistry, engineering, economy, fluid mechanics, thermodynamics and heat transfer, and materials engineering. Story of Radiation covers energy in motion, particles and waves, interaction with matter, measurement and detection, biological effects, human effects, interpretation of dose, risk vs. benefit, and safety precautions. To enroll in these courses, send a DD Form 1556 to building 7446, AMSMI-CP-TC/ALC, Attn: Army Learning Center. For more information, call 876-1061/1416.

Frisbee golf tourney

A Frisbee Golf Tournament will be held at the Redstone Arsenal Disc Golf course on May 30 and 31. The course is located on Vincent Drive at the Morale Support Area. The tournament is open to everyone with different divisions for varying skill levels. Divisions include Pro-Open, Pro-women, Expert, Amateur, Masters (35 and older), and Juniors (16 and under). Trophies and prizes will be awarded in all divisions. Registration begins Saturday, May 30 at 9 a.m. and the tournament starts at 11:30.



Chapel events

Protestant Women of the Chapel will have its regular monthly meeting at 9:30 a.m. May 28 at Bicentennial Chapel. Anyone needing child care is reminded to make reservations at the post Child Development Center.



OMMCS picnic

The Ordnance Missile and Munitions Center and School will have its annual summer picnic at the NASA Recreation Area from 1-6 p.m. June 27. The picnic will include a cookout, sports events for adults, children's games, and door prizes. This function is open to all OMMCS permanent party military and civilian personnel and their families. Tickets will go on sale June 1-19 and may be purchased, at a nominal cost, through committee representatives assigned to each division or department. In case of rain, the alternate date for the picnic will be July 11. For more information, call Capt. Callaway 876-1081/4354.



Fun in sun

The Yellow Binder Business Guide will sponsor a "Fun in the Sun 87" activities day for the Harris Home for Children on Saturday, May 23 at Childer's Riding Stables in Capshaw, about 9 miles from Huntsville. The event will be held from 10 a.m. to 6 p.m. Activities include horseback riding, a cookout, softball, volleyball, fishing, swimming, a survival class, and the arrival and departure of an Army helicopter. For more information, call Jim Patrick 876-6850.



MICOM family picnic

Anyone interested in forming a tug of war team or participating in the horseshoe competition at the MICOM picnic, scheduled June 6, should call SSgt. Jesse Beauford 876-1297.



Army birthday ball

A ball in honor of the Army's 212th birthday will be held June 12 at 6:30 p.m. at the NCO Club. All active duty and retired military, national guard and reserve members, veterans, civilian workers and their families are invited. The cost of \$12 includes a twilight tattoo and ceremony, dinner, complimentary Army birthday glass, music and entertainment. Shuttle service will be available from the main post exchange parking lot and the troop barracks. Taxi service to anywhere in Huntsville will be available at a reduced rate. For more information call 876-7611.

Pre-separation orientation

A pre-separation (not retiree orientation) for soldiers with ETS or Release from Active Duty dates through Sept. 30 will be held June 1 in Toftoy Hall, building 3495, room 119. Representatives from various organizations will be available to answer questions. Spouses are encouraged to attend. Attendance is mandatory for specified personnel.

Bicycle registration

Today is the final day for bicycle registration in the housing area. Registration will be conducted at Tripp and Hughes Drives and at Dyer Circle at Niblo Drive from 4 until 6 p.m.

Atari users

The Atari Users Group will meet May 21 at 7 p.m. in the Universal Data Systems cafeteria. ST-SIG Thursday, May 28, Abax Data Systems. For information call Levin Soule 534-1815 after 5 p.m.



Singles group

The Huntsville Singletarians' discussion will be held during a picnic at Monte Sano State Park at 5 p.m. Saturday, May 23. At dusk the group will view "Double Indemnity," a Film Co-op presentation. This night includes serious conversation plus a chance to socialize. For more information, call 539-7085 or 852-1141.



Space Camp

Time is running out to apply for a space camp scholarship for children, grades 5-10. Stop by Army Community Service, building 3491 on Honest John Road, for an application. Application and essay must be returned to ACS by May 29.

Carpool Hotline



Arab

Carpool wanted from Arab to 4488, hours 7-3:30. Joyce Clemmons 876-1352.

Laceys Spring

Ride or carpool wanted from Laceys Spring to 4251, Morris Road, hours 7-3:30. Kerry Laxson 544-7974 or 881-1228 (home).

Lincoln, Tenn.

Carpool wanted from Lincoln or Park City, Tenn. to 5400 area, hours 7:30-4. Becky Massey 876-3440.

Call 876-1500 to place your free carpool ad.

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.

FOR SALE BY OWNER: Acreage, partly wooded, five acres \$2,500, 23 acres \$9,000. Terms. Near Pulaski, TN. Call 615-833-5280.

FOR SALE BY OWNER: In Southeast, 1,550 square ft. rancher, three bedrooms, 1 1/2 baths, den with fireplace, eat-in kitchen. Central heat and air, screened patio, \$76,900. Call 883-5351.

FOR SALE: Coleman upright central gas furnace, 80,000 BTU/HR. \$250. Whirlpool 1/2 ton window air conditioner \$200. All in excellent working condition. Call 852-4420.

FOR SALE: 1984 Ford Tempo GL. Blue, cruise, air, AM/FM stereo, tilt wheel. Asking \$4,700. Call 536-9190 or 534-5238 and ask for Mary.

FOR SALE: Chevrolet truck with cabover camper. Excellent condition. Asking \$5,000. Call Jan 536-2008.

FOR SALE: Sleeper sofa—excellent condition, off white and tan. Kenmore Refrigerator—five months old, three year maintenance agreement. Call 851-9880 (after 6:00).

FOR SALE: Contemporary sofa and loveseat. Blue plush, excellent condition, must see. \$245. Call 830-5924.

FOR SALE: Case heavy metal desk. Call 830-8928.

FOR SALE: 1981 Honda Civic 1500 GL, five speed, AM/FM stereo cassette with equalizer, \$2500. Call 539-0277 after 4:30 p.m.

FOR SALE: 1965 Mustang wheels, four new style wheels, fits 1965 Ford Mustang, center caps included \$650. Call 723-4900.

FOR SALE: 1973 Firebird, dual exhaust, roll and tuck, lots of chrome, stereo system, \$1700. Call Louise after 3:30 881-9248.

FOR SALE BY OWNER: 27-acre farm. Four-acre wooded, completely remodeled house; barn and three out buildings. Sixteen miles east of Huntsville. Asking \$82,500. Call 880-7167.

FOR SALE: AKC Labrador Retrievers. Five yellow (three female, two male); and four black (three male, one female). Males cost \$100, females \$85. Have papers and family tree. Must see. Call 772-8292 from 6-9 p.m.

FOR SALE: 1980 Suzuki GS450E motorcycle. Windshield, two helmets, 6,200 miles. Asking \$695. Call 830-4160.

FOR SALE: Sears Coldspot freezer. Frostless, upright. Asking \$200. Call Tracy 837-5815.

FOR SALE: Old Town Canoe. "Hunter," 14-foot, two bent shaft wood paddles, one youth PFD and two-adult PFD's. All for \$650. Call 721-0203 after 4 p.m.

FOR RENT: Two bedroom townhouse, unfurnished. Has bath and 1/4 microwave. \$345 per month. Call 721-0203 after 4 p.m.

FOR SALE: Kohler Campbell spinet piano. Walnut, very good condition. Asking \$800. Call Jan 536 2008.

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COURSE OFFERINGS — SUMMER TERM 1987

DATES: MW sessions July 6 - Aug. 26; TT sessions July 7 - Aug. 27; Sat. sessions July 11 - Aug. 22.

REGISTRATION: Continuous through first session. Reservations are required (telephone 837-9726 or 837-9769).

FEES: Full-term 300/600 level: \$270 tuition per course plus \$5 registration, or as noted. 700-level: \$120 per credit. Application (one-time): \$5 special (non-degree); \$25 regular. Textbooks additional.

FINANCIAL ASSISTANCE: Approved for tuition assistance from most governmental and industrial organizations; limited VA assistance. Half-tuition scholarships are available from Southeastern for qualified attendees. NOTE: Most training offices require assistance requests 30 days prior to course start.

INFORMATION: Telephone (205) 837-9726/837-9769 or write P.O. Box 1485; Huntsville, AL 35807.

11-504 SYSTEMS AND SIGNALS MW 6:50-9:00 p.m.
A survey of the characteristics of linear circuits and systems and their response to analog and digital signals. Background: basic knowledge of calculus and circuits. Instructor: Robert R. Parker, Ph.D.; IMPAR, Inc.

11-533 MILITARY COMMUNICATIONS MW 4:30-6:40 p.m.
A study of tactical and strategic communication systems used by the U.S. and NATO. Background: basic knowledge of communications. Instructor: Willard G. Preussell, B.S.E.E., Grad. Studies; Dynetics, Inc.

14-504 FLUID-THERMODYNAMICS TT 4:30-6:40 p.m.
A survey of the dynamical and thermal characteristics of fluids, with aerodynamic and propulsion applications. Background: knowledge of calculus and basic mechanics. Instructor: Terry F. Greenwood, Ph.D.; NASA MSFC.

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

17-301 COMPUTER PROGRAMMING Sat. 8:00-12:00 noon
An introduction to computer programming emphasizing Fortran; some Pascal included. Access to computer needed, or lab hours at SIT arranged. Instructor: Marvin Polan, M.Sc.; Teledyne Brown Engineering.

17-551 MICROPROCESSOR SYSTEMS TT 4:30-6:40 p.m.
An introduction to microprocessor hardware, software, and systems applications. Background: basic knowledge of computer organization and programming. Instructor: J. B. White, Ph.D.; General Electric Military Data & Info.

17-617 DATABASE DESIGN MW 6:50-9:00 p.m.
An examination of techniques for database design, emphasizing logical organizations. Background: knowledge of data structures; data models desirable. Instructor: Bobby C. Hodges, M.S.E.; NASA MSFC.

21-511 MANAGEMENT RESPONSIBILITIES TT 4:30-6:40 p.m.
An examination of the functional and societal responsibilities of management. Background: degree or equivalent. Instructor: Walter W. Tribble, D.Mgt.; U.S. Army Missile Command.

24-641 DECISION ECONOMICS TT 6:50-9:00 p.m.
A study of the tools of economics that are useful in managerial decision-making. Background: basic knowledge of economics; quantitative methods desirable. Instructor: Larry D. Gahagan, M.A.; John M. Cockerham & Assoc.

27-541 COST ESTIMATING TECHNIQUES Sat. 8:00-12:00 noon
A study of techniques for estimating costs of products, projects, and systems, emphasizing defense and space. Background: basic knowledge of quantitative methods. Instructor: Randy M. Sherrill, M.B.A.; Teledyne Brown Engineering.

31-561 NUMERICAL COMPUTING MW 4:30-6:40 p.m.
A study of numerical methods and computer algorithms for scientific programming. Background: knowledge of calculus and programming. Instructor: Robert R. Covelli, S.M.; John M. Cockerham & Associates.

34-531 INFRARED SYSTEMS TT 6:40-9:00 p.m.
An introduction to the theory, hardware, and applications of infrared systems. Background: basic knowledge of optics desirable. Instructor: Raymond C. Watson, Jr., Ph.D.; Southeastern Institute of Technology.

90-601/702 RESEARCH AND COMMUNICATIONS *M 6:50-9:00 p.m.
A seminar on in-depth literature research and the preparation of professional research reports. Primarily for persons writing master's project or doctoral qualifying project. (*) Three meetings only; other times arranged.

ENGINEERING BACKGROUND COURSES

Two special courses will be offered during the Summer Term for persons needing to refresh some of their engineering skills or who need additional preparation for advanced study.

Systems and Signals (11-504) will consider the characteristics of linear circuits and systems and their response to analog and digital signals. Persons desiring advanced courses in radar, signal processing, or telecommunications will need the topics in this course.

Fluid-Thermodynamics (14-504) will examine the dynamical and thermal characteristics of fluids. This course should be of particular value to persons who intend to pursue advanced study in aerodynamics or rocket propulsion.

TECHNICAL AND MANAGEMENT PROGRAMS

Southeastern offers specializations in the following areas for professional programs at the master's level:

- Applications Programming
- Applied Mathematics
- Business Management
- Computer Engineering
- Contracts Management
- Defense Systems
- Electronic Systems
- Electro-Optical Systems
- Engineering Management
- Human Systems
- Intelligent Systems
- Missile Systems
- Operations Research
- Radar Systems
- Signal Processing
- Software Engineering
- Space Systems
- Systems Engineering
- Systems Management
- Telecommunication Systems

At the doctoral level, professional specializations are available in the following areas:

- Computer and Software Systems
- Defense Management and Technologies
- Management and Business Systems
- Missile and Space Systems
- Optical and Electro-Optical Systems
- Research and Engineering Management
- Sensor Systems and Signal Processing
- Systems Engineering and Analysis

For persons with considerable prior studies toward the doctorate, other specializations might be developed for degree-completion programs.

BUSINESS MANAGEMENT OFFERINGS

Southeastern now offers expanded program offerings leading to master's and doctoral degrees in management of business operations. The Master of Science in Management (M.Sc.Mgt.) degree can be earned in business management, contracts management, engineering management, and human systems. The Master of Business Administration (M.B.A.) degree has options in general management as well as the following:

- Human Resources
- Management Science
- Law and Contracts
- Systems and Programs

At the advanced level, the Doctor of Management (D.Mgt.) degree now has a specialization in management and business systems, with options in

- Acquisitions Management
- Organizations/Human Resources
- Executive Processes
- Program Management

COMPUTERS AND SOFTWARE OFFERINGS

An outstanding selection of courses is offered by Southeastern for master's and doctoral programs in computers and software. The master's degree may be earned with specializations in applications programming, computer engineering, intelligent systems, and software engineering. The doctorate involves advanced courses in these same areas.

For persons desiring a firm background in professional-level programming, a series of Saturday morning courses will be presented. For admission, a degree (in any field) and a basic knowledge of programming is required.

NEW PROGRAM BROCHURES AVAILABLE

A number of new specializations are now available in master's and doctoral programs. New brochures are now available providing full descriptions of the programs. The brochures may be obtained by telephoning Southeastern at (205) 837-9726/9769.

AN INDEPENDENT PROFESSIONAL SCHOOL

Southeastern Institute of Technology is an independent, nonprofit institution of higher education, providing continuing education and professional degree programs for mature, working adults. Fully approved by the Alabama Department of Education, Southeastern offers programs leading to the following degrees:

- Master of Science
- Master of Science in Engineering
- Master of Science in Management
- Master of Business Administration
- Doctor of Science
- Doctor of Engineering
- Doctor of Management

Southeastern does not offer standard undergraduate degree programs. However, for capable, experienced adults who have a considerable amount of prior college-level study, there is a program allowing direct entrance into professional graduate study and culminating in the simultaneous award of a master's degree and a related bachelor's degree.

Southeastern's central facilities are located at 200 Sparkman Drive, Cummings Research Park. The mailing address is P.O. Box 1485, Huntsville, AL 35807. For additional information, telephone

(205) 837-9726/9769

Southeastern Institute of Technology admits attendees of any age, sex, race, color, or national and ethnic origin.