

**AFSO21**  
Air Force Smart Ops For The 21st Century

Using wireless technology, maintainers will be able to complete aircraft maintenance documentation more quickly and accurately.



## Congratulations

**Air Combat Command  
Paralegal Noncommissioned  
Officer of the Year**



**Tech. Sgt. Leslie Crow**  
27th Fighter Wing  
Legal Office

*See Unit Spotlights on page 17*

## Community Events

### Employment opportunities

The Community Services Center is accepting applications for the following positions: part-time van driver, part-time coordinator for the foster grandparent and senior companion programs, and full-time director for the retired and senior volunteer program.

Pick up a job description and application at the Community Services Center, 1100 Community Way, Portales, N.M.

For more information, contact Vonnie Banther at 356-8576, extension 19.

### Financial management

The personal financial management program can help individuals and families meet their financial goals through education, information and counseling. Individual counseling is available by appointment.

Bank account management will be offered 3 p.m. to 4 p.m. May 24 at the Family Support Center.

For more information, call 784-4228.

*More Community Events on page 10*

# MACH METER

Vol. 51, No. 16

Cannon Air Force Base, N.M.

April 28, 2006



PHOTO BY AIRMAN THOMAS TROWER

**Senior Airman Wilfredo Nieves inspects the safety wires of the main gun system on a M61A1 20mm gun. Airman Nieves is part of the Armament Shop for the 27th Equipment Maintenance Squadron that has embarked on an initiative to eliminate three days of aircraft downtime for each aircraft maintenance unit.**

## Ahead of the curve

### ***Armament shop streamlines weapon inspection***

**By Airman Thomas Trower**  
27th Fighter Wing Public Affairs

Though maintenance shops throughout the Air Force perform preventative maintenance on their equipment, one Cannon shop has spearheaded the effort to minimize the downtime of operational jets in each aircraft maintenance unit.

The Cannon Armament got a head start on Air Force Smart Operations for the 21st Century (Smart Ops 21) eliminating three aircraft down days worth of maintenance on the M61A1 20mm gun through the Golden Gun initiative, said Staff Sgt. Christopher Craig, 27th Equipment Maintenance Squadron.

Before 2004, this weapon was removed every 18 months, or whenever a malfunction occurred, for the shop crew to perform required maintenance. The crew would spend three to four days taking apart and reassembling the 3,000 parts of the weapon, while the aircraft would be unusable until the weapon was replaced, said Sergeant Craig.

When the weapons are disassembled, maintainers are looking for any signs of damage. The guns are also given a thorough cleaning.

"When they come in, they are completely black," said Senior Airman Wilfredo Nieves, 27th EMS. "We have to clean off all of the carbon and rust."

Now, the weapons are swapped out

with operational guns on the spot.

This instantaneous swap of weapons allows the jet's gun system to become fully operational immediately, said Sergeant Craig.

The swaps became possible when three additional guns were acquired after Cannon received approval from Air Combat Command to purchase them at \$130,000 a piece, one weapon per aircraft maintenance unit, and store them in the Armament Gun Vault, said Sergeant Craig.

And while other ACC bases have begun to follow Cannon's program and acquire spare weapons, Sergeant Craig said, Cannon was the first to have a spare for each unit.



## FEATURE

# Celebrating Law Day

## Legal office sponsors 'Separation of powers' art contest

*Courtesy Cannon Legal Office*

Congress has declared Monday as "Law Day," a day for all Americans to celebrate the practice of law and justice.

In 1958 President Dwight Eisenhower proclaimed Law Day to strengthen the heritage of liberty, justice and equality under the law. In 1961 a joint resolution of Congress designated the first day of May as the official date to provide opportunities to reflect on America's legal heritage, the role of law and the rights and duties that are the foundation for peace and prosperity.

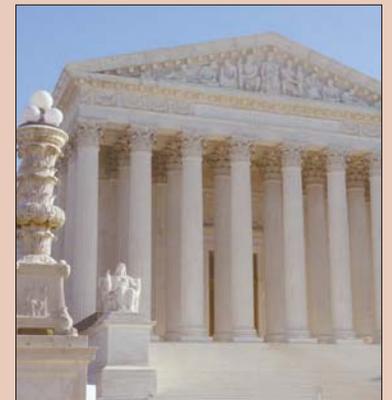
This year's theme, "Separation of Powers" was at the forefront for America's founders who wanted to ensure that powers granted to one branch of the government would be balanced by powers granted to other branches of the federal government.

Their ability to provide balance is evident in today's system where the three branches, legislative, executive and judicial have equal checks and balances. In honor of Law Day this year, the base legal office is sponsoring an art contest with a theme of "Separation of Powers." Prizes will be awarded to entries that best depict this principle and will be selected from four categories; kindergarten through fourth grade, grades five through eight, nine through 12 and special needs students.

Entries should be in original, poster-type display. Details and handouts can be found at the entryway to the base exchange and commissary, the youth center and the library. Entries also can be dropped off at these locations.

Deadline for submissions is May 12.

For more information, call 784-2211.



COURTESY PHOTO  
The Cannon Legal Office is celebrating Law Day, May 1, with an art contest that best depicts this year's theme, Separation of Powers. Deadline for entries is May 12.

# Experiment delivers battlespace awareness

**By Airman 1st Class  
Ross Tweten**

*Joint Expeditionary Force Experiment Public Affairs*

The Combined Air and Space Operations Center, or CAOC, houses systems that provide the U.S. and its allies with critical warfighting information.

Air Force Materiel Command's Electronic Systems Center, at Hanscom Air Force Base, Mass., delivers and manages those systems inside the CAOC, thus providing warfighters with integrated full spectrum command and control awareness.

As the lead systems engineer function for the Joint Expeditionary Force Experiment 2006, ESC's responsibility is to design, build and test the performance for future CAOC environments.

"We're responsible for all the systems in the JEFX enterprise which extends to

50 sites across the continental United States," said Lt. Col. Martin Kendrick, JEFX systems program manager. "Working with all the different program offices who own the systems, we're responsible for the integration of the systems into the CAOC during JEFX."

However, ESC doesn't design or manufacture equipment; civilian contractors do that. ESC serves as the systems manager by determining the warfighter's needs, and defines systems to best meet those needs.

Teams specializing in engineering supervise the design and testing of the command and control systems.

According to Col. David Madden, 753rd Electronic Systems Group commander, JEFX is one of the most important activities ESC participates in.

"JEFX is one of the only proving grounds where we bring all the systems together

to try to figure out how to make them interoperate," he said. "Without JEFX we wouldn't have a way to integrate and check out new capabilities across the enterprise to determine their value to the operator before fielding."

"The warfighter would never have an opportunity to assess the value of these new capabilities and provide feedback on how to make them better," Colonel Madden said. "Otherwise, what you'd have is a bunch of bright ideas that all sound and look great but they may not be effective."

According to Carmen Corsetti, JEFX chief engineer, the JEFX process generated the CAOC weapons systems fielding process.

"I think the intensity builds with each spiral," said Mr. Corsetti. "The intensity grows as more functions and test objectives are added while we're trying to enhance system performance to meet the operational objectives.

"We have several new systems we're integrating to meet the objectives of the experiment," said Mr. Corsetti. "So it's not just one new piece of equipment."

An important aspect JEFX provides is teams from several different agencies working together toward a common goal, Colonel Madden said.

"Our common goal here at JEFX is to transition new capabilities to the warfighter," the colonel said. "That's the end game and JEFX is a great way to get these new systems delivered faster to the warfighters so they can execute more rapid and dynamic operations."

ESC's responsibilities don't end with JEFX. ESC staff members build the core systems for CAOCs that warfighters are operating around the world today.

Two of ESC's best known programs are the airborne warning and control system, or AWACS, and the joint sur-

veillance target attack radar system, known as JSTARS.

The AWACS saucer-shaped radar simultaneously tracks up to 300 airborne and ocean-going targets up to 250 miles away. The JSTARS, using a modified Boeing 707 with a canoe-shaped radar mounted under the forward fuselage, provides real-time data on ground targets to Army and Air Force commanders.

This year JEFX is assessing eight new initiatives in technology — processes designed to increase command and control capability, enhance predictive battlespace awareness, and decrease the time it takes to find, fix, target, track, engage and assess a given target.

JEFX involves all services, plus coalition, joint and other Department of Defense agencies from bases across the United States, England, Australia and Canada.

The JEFX '06 main experiment ends today.



## NEWS

## Career reservation program aligns Air Force, Airmen needs

### Force Shaping calls for early career planning

By Master Sgt. Gary Thurman  
27th Mission Support Squadron

The Career Job Reservation (CJR) program is one of the tools used to maintain Force Shaping and to prevent surpluses and shortages of personnel in specific career fields in the Air Force.

The program is managed by Headquarters, Air Force Personnel Center to control first-term reenlistments according to the requirements for each Air Force Specialty Code (AFSC). For first-term Airmen to reenlist they must have a reservation.

To receive that reservation, Airmen must apply for one in their reenlistment window. If they do not apply for or receive a reservation in the appropriate window, they will have to separate at the end of their current enlistment.

Knowing the timeline to apply for the CJR is critical to an Airman's career. For Airmen who are four-year enlistees, the window for a reservation is from the first duty day of their 35th month of service to the last duty day of their 43rd month.

For Airmen who are six-year enlistees, the

window is from the first-duty day of the 59th month of service to the last duty day of their 67th month. Airmen are encouraged to apply for their reservation as early in their window as possible, so if a Career Job Reservation is denied, they may try other possible avenues to extend their reservation date or to stay in the Air Force.

Some specialties are over manned, which makes the process to obtain a reservation competitive. Airmen can check with the reenlistments section in the Military Personnel Flight for the most current list of constrained specialty codes before choosing one of two options.

The first option for Airmen in constrained career specialties is to cross train to an unconstrained specialty. Airmen interested in retraining can find additional information by visiting the Virtual Military Personnel Flight web site at [www.afpc.randolph.af.mil](http://www.afpc.randolph.af.mil).

The second, riskier option is to remain on the waiting list for a reservation during the window, and hope to be selected. If an Airman is not selected for a reservation in his or her current AFSC, the Airman will have to separate on his or her separation date.

For more information about Career Job Reservations, call 784-7239.



PHOTO BY JANET TAYLOR-BIRKEY

### Here 'ya go

Tech. Sgt. Miguel Cruz, 27th Fighter Wing legal office, dishes out a hot dog to Madison Bridges, daughter of Chaplain (Capt.) Donald Bridges during a wing staff agency picnic April 21. About 75 Airmen and their families attended the outing.

## Money-saving idea earns big award for Airman

By Senior Airman Danny Monahan

5th Bomb Wing Public Affairs

A good idea led to a great reward for an Airman from the 5th Maintenance Squadron at Minot Air Force Base, N.D.

Tech. Sgt. James Mazurek was awarded \$10,000 from the Air Force Innovative Development through Employee Awareness program April 13. He submitted an idea to insert a warning paragraph into the technical orders for hooking up a tow bar to a main landing gear of a B-52H Stratofortress. If the tow bar isn't attached correctly, it can cause extensive damage to the

aircraft brake assembly.

"I tried to think of various ways to avoid the contact between the [main landing gear] brake assembly and tow bar and the simplest way was to just tell people to not contact the brake assembly with the tow bar," said Sergeant Mazurek.

By eliminating main landing gear damage, the estimated first year savings at Minot is \$95,740.25.

Sergeant Mazurek found out about the IDEA program from his Air Force engineering and training representative.

"I wasn't too familiar with how the program works,"

Sergeant Mazurek said. "I just figured any extra money is a good thing."

Anyone with access to a military computer may submit an IDEA on the IPDS Web site, but only active-duty military and appropriated fund employees are eligible for cash awards. Also, an IDEA must be beneficial to the government.

IDEAs can earn 15 percent of the estimated first-year savings with a minimum award of \$200 and a maximum award of \$10,000.

For more information, contact the Cannon manpower office at 784-4549.



PHOTO BY SENIOR AIRMAN DANNY MONAHAN

Tech. Sgt. James Mazurek received \$10,000 from the Air Force Innovative Development through Employee Awareness program for his idea to insert a warning paragraph to the technical orders for proper hookup of a tow bar to prevent damage to the wheel's brake assembly. Sergeant Mazurek is assigned to the 5th Maintenance Squadron at Minot Air Force Base, N.D.



## COMMENTARIES

# By giving a little, we receive so much more in return

By Lt. Col. Roseanne Warner  
27 Medical Operations Squadron Commander

I'm sometimes asked why I would volunteer outside the workplace given the constant 24-7 demands on my time/life/family. I could easily agree that "Yes, my time is so limited I don't want to 'waste' another minute from my personal life." After all, I work hard and I deserve a break.

This is a partial truth and can easily blind us to the whole truth. To volunteer is to receive. The more a person gives, the more energized and inspired we they become. The incredibly simple act of giving opens doors to many different worlds and reminds us that life is more than just work and more than just me. That profound simple truth reveals that life is giving and giving is life.

When I teach a Sunday school class I'm amazed at the spontaneity, goodness and brilliance in the young kids as they ponder a question or describe a reading. This helps sustain me for the following week. While leading a fitness class, I receive far more from the students than I could ever give.

America, and our Air Force, is built on the spirit of volunteerism. The very fabric of

our way of life would not exist if not for the many people who give of their time and talent to help a cause. It is estimated that if we had to pay for the cost of volunteering, it would approach billions of dollars. There are more than 100 million volunteers in the United States — many of them are here. They help make Cannon great.

Volunteering takes many forms. Perhaps it's service such as Meals on Wheels, advocacy in the form of supporting a cancer research foundation, or empowerment through helping organization like Big Brothers/Big Sisters. Perhaps one of these volunteers has helped you or a family member.

Ralph Waldo Emerson said, "It is one of the beautiful compensations of life, that no man can sincerely help another without helping himself." If you talk with those around you, it would be difficult to find someone who has not been touched by volunteerism — both the giver and the receiver.

Martin Luther King Jr. said that "everyone can be great because everyone can serve." Think about it — serving leads to greatness, not in an egotistical way but in a humbling way. Some of

the greatest leaders are the most unassuming. It has been my experience during the last 20 years of military service that those Airmen, civilians and family members who volunteer have been the most successful in all areas of their life — from work to home. They earn awards, are given greater responsibility and become the leaders we look to in all endeavors.

"No person was ever honored for what he received. Honor is given by what he gave," said Calvin Coolidge. I would say that those honored people would proclaim that in giving, not in a self-serving way, they became the messenger of a greater truth. If you talk with them, they will tell you that they don't think it's a big deal — they just devoted some of their time. The real story is that they are part of something bigger than all of us. They are the change they want to see — the change they want the world to be.

Remember, Mother Theresa said, "We ourselves feel that what we are doing is just a drop in the ocean. But the ocean would be less because of that missing drop." That's the secret! In giving we receive, and it is only revealed to those that step out, step up and extend a hand.

## Volunteer opportunities

The following are just a few opportunities for Cannon Airmen who want to volunteer.

Contact the Family Support Center at 784-4228 for more information on how to volunteer.

**Trek for Trash**, 8 a.m. to 1 p.m. Saturday at 500 Sycamore St. Teams will collect bags of trash along the road for the Clovis Park and Recreation Department.

**All-4-One car wash**, 10 a.m. to 1 p.m. May 6 next to Applebee's in Clovis. Volunteers, buckets and old rags are needed.

**Letter Carriers canned food drive**, noon to 4 p.m. May 12 at the 21st Street post office.

# Air Force works to protect natural resources

By Maj. Gen. L. Dean Fox  
Air Force Civil Engineer

The Air Force is a leader and devoted guardian of the environment. As trustee to more than 8 million acres of natural habitat, we take considerable measures to defend and enhance America's rich landscape and cultural heritage.

The natural resources we

protect — air, land and water — are a great source of strength, providing capability to build, equip, train and deploy the world's most powerful and agile air force.

Today, the Air Force environmental program works to ensure valuable natural resources are available to meet flying, training and other operational needs. To meet current needs in fighting the war on

terrorism and future mission requirements, we must harmonize environmental management goals with military operations.

This new management philosophy called Natural Infrastructure Management, or NIM, allows the Air Force to sustain, restore and modernize its environmental resources, or "natural infrastructure," in full compliance and support of air

readiness challenges. Our new mantra is "compliance and beyond" as we transform to a more proactive, performance-based approach.

Our recently published 2006 Environmental Strategic Plan introduces this new concept of applying asset management to environmental stewardship. Sustaining the Air Force mission is

the overall goal of this plan. The plan seeks to prevent encroachment, boost compliance, restore contaminated property and improve land use compatibility.

Our commitment to restoration, conservation and pollution prevention will continue to show results, ensure military readiness and protect our natural world for generations to come.

## MACH METER

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News articles, local notes and other items for the *MACH METER* should be brought to the 27th Fighter Wing Public Affairs Office, 110 E Sextant Ave. Suite 1099, or e-mailed to the Mach Meter at

27fvmachmeter@cannon.af.mil.

All submissions will be considered for publication based on news value and timeliness.

Every article and photograph will be edited for accuracy, clarity and brevity, conformance with the Associated Press Stylebook and Libel Manual and with Air Force Instruction 35-101. Coverage of upcoming events should be arranged in advance by calling the Public Affairs office at 784-4131.

If you have a suggestion you would like to make, or a kudo you'd like to give, call the **ACTION LINE at 784-2722** — If you have a problem you need resolved, call the responsible agency first so they can provide better service to everyone promptly.

**Deadline for submitting articles is noon Friday the week prior to publication. Deadline for free classified advertisements is noon, the Tuesday prior to publication.**

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Staff Writer





*This week's*  
**Viper Wingman is**



Staff Sgt.  
Cameron  
Bruggeman

*Sergeant Bruggeman, 27th Component Maintenance Squadron, saved the Air Force \$10,000 by rebuilding a lighting wiring harness and was recognized as a superior performer by the Unit Compliance Inspection team, said his first sergeant, Master Sgt Michael Dols. .*

*The Viper Wingman showcases outstanding work ethic and accomplishments of exemplary Airmen with the highest standards of personal performance. To nominate a Viper Wingman, notify your first sergeant.*

*This week's*  
**Viper Volunteer is**



Airman 1st Class  
Emilio Becerra

*Airman Becerra, 27th Comptroller Squadron, has been a dedicated volunteer to both the Cannon and Clovis communities. In his free time he coaches soccer for youth enrolled in the American Youth Soccer Organization and also volunteers for his church's drama team.*

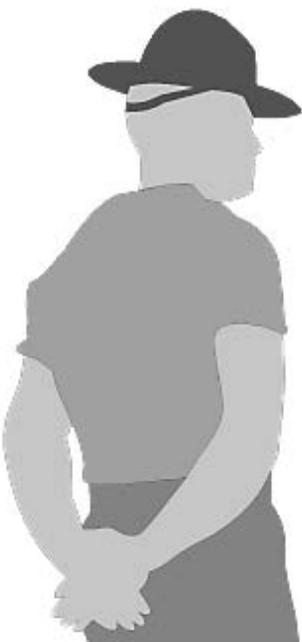
PHOTOS BY AIRMAN 1ST CLASS TIFFANY CURBEAM

*The Viper Volunteer highlights the spirit of volunteerism and extraordinary contributions to the Cannon community. To nominate a Viper Volunteer, call Ellen Saccoia-Smith at 784-4228.*

**Sgt. Afi's 36-2903**

**Tip of the Week**

**Decorations proffered by foreign governments are addressed by Air Force Instruction 36-2803, the Air Force Awards and Decorations Program, which specifies how to accept foreign decorations. Wear criteria depends on the type of device the decoration represents.**





FEATURE



PHOTO BY AIRMAN 1ST CLASS BRIAN ELLIS

Cannon Airmen complete a 3.1 mile Earth Day fun run April 19 around Whispering Winds Golf Course. The 27th Communications Squadron had the most runners of the 282 participants, but the 27th Comptroller Squadron won the Earth Day trophy because it had the greatest percentage of runners.

# Celebrating Earth Day Cannon-style



PHOTO BY STAFF SGT. APRIL WICKES

George Duda, an urban forester for New Mexico State Forestry, explains the life cycle of a tree to Ranchvale Elementary School students during an Earth Day presentation April 19.



PHOTO BY STAFF SGT. APRIL WICKES

Staff Sgt. Jose Guardiola, 27th Civil Engineer Squadron, plants a tree at Doc Stewart Park April 19 as part of Earth Day activities conducted by Cannon Airmen and students from Ranchvale Elementary.



## FEATURE

## Pet-friendly rooms at Caprock Inn

By Janet Taylor-Birkey  
27th Fighter Wing Public Affairs

Cannon's "pet friendly room" program has been in operation for nine months at the Caprock Inn to provide guests with a cost-effective means to allow animals to travel with them.

Caprock has nine rooms that are considered pet-friendly and appropriate for families traveling with their pets, said Michelle Fry, Caprock Inn's manager.

Guests pay an additional fee of \$10 per night, but more charges will be assessed if damage is done during the guest's stay.

Guests may bring up to two pets: cats and dogs only, and must show the pet's shot record upon checking in.

The Caprock Inn offers a dog walk area and kennels in each pet-friendly room.

Animals must be kept in the kennels when the owners are not in the room.

To reserve a room, call 784-2918.



PHOTO BY JANET TAYLOR-BIRKEY

### Many helping hands

Members of Cannon's Torch Club gather around a box of animal food they donated to the Clovis Animal Shelter April 19. The club is for "tween"agers, from nine to 12 years old at the Cannon youth center. The club started in February and meets at 4 p.m on Wednesdays. It reinforces service to the community and provides education and fitness guidelines in a social atmosphere. For more information, contact Thomasine Darnes at 784-2747.



PHOTO BY JANET TAYLOR-BIRKEY

### Safety pays

Emily Aulson of Clovis and Michaela Williams, 5, daughter of Tech. Sgt. and Mrs. Nick Williams won miniature fire dogs from the Cannon Fire Department. Emily and Michaela found 15 fire and safety hazards in the fire safety house at the Kite Karnival, April 8. The names of everyone who found the 15 items were placed in a hat and two winners were drawn. Presenting the awards are Mr. Tony Bogusz, Sparky and Chief Master Sgt. Ivan Godwin of the Cannon Fire Department.

## Source of outbreak unknown

by Raquel Vincent  
59th Medical Wing Public Affairs

Between January and April, there were more than 600 possible mumps cases reported in the Midwestern United States.

The source of the outbreak and why it has spread in such large numbers is unknown.

"The Air Force has not seen an increase in cases of mumps within our active duty or beneficiary populations, but we have increased our efforts to identify new cases in the face of the outbreak," said Col. Thomas Stedman, commander of the 59th Medical Wing public health flight, Lackland Air Force Base, Texas.

Mumps is a viral infection of the salivary glands in the cheeks, which can cause fever, swelling of the cheeks and respiratory symptoms. Though the disease is rarely fatal, it often requires several days of home care and possibly hospitalization, he said.

Vaccination is the best way to prevent mumps. Although many children receive two doses of the mumps vaccine — including measles and rubella — known as MMR, some people may have only received one dose as a child. People should contact their primary care manager to request the MMR vaccine.

"Individuals should use precaution when around people they believe are infectious," said Tech. Sgt. Annette Reid, noncommissioned officer in charge of the communicable disease section.

"Washing hands frequently is always a good way to prevent infection," she said.

"If you are concerned that you or someone in your family may have mumps, contact your primary care manager immediately."

"Medical treatment facilities should report laboratory - confirmed cases of mumps through their service-specific system and to local public health officials immediately."



COURTESY PHOTO

### ***Pet of the Week***

Sgt. Randolph is a 2-year-old Dalmatian who loves walks and is great on a leash. For adoption information on Randolph or other dogs or cats, call the Family Support Center at 784-4228.

## COMMUNITY EVENTS

### **Airman's Attic**

The Airman's Attic, located in the same building as the Post Office and Community Center, is open 10:30 a.m. to 1:30 p.m. Tuesdays, 11 a.m. to 3 p.m. Friday and 10 a.m. to 3 p.m. May 20. Staff sergeants families and below are eligible to shop in the store. All items are free and donations are welcome.

### **Employment resources**

The Family Support Center offers a variety of employment assistance programs. Resume basics is 9 to 11 a.m. Thursday, and provides information on the critical elements of a resume and cover letter. A federal employment seminar is 9 to 10:30 a.m. May 25. One-on-one resume assistance is also available by appointment at the Family Support Center.

### **Transition assistance**

Pre-separation counseling is mandatory for all personnel separating or retiring and is required prior to signing up for the Transition Assistance Program Seminar (TAPS) scheduled for 8 a.m. to 4:40 p.m. May 9, 10 and 11. Spouses are welcome to attend and can call the FSC at 784-4228 to register.

The Veterans Affairs representative will conduct a VA Benefits Seminar and will also be available for one-on-one appointments Tuesday and May 16 at the Family Support Center.

Tricare for retirees is 1 to 2 p.m. May 16.

### **Getting ready to leave or just arrived?**

Right Start for all newcomers is 7:30 to 11:30 a.m. Wednesday and May 17 at The Landing.

A loan locker full of various household items and toys is available for check out at the Family Support Center. The loan locker hours are 10 a.m. to 3 p.m. weekdays.

Families PCSing in/out may be entitled to 20 hours of free childcare. Smooth Move Stateside is 8:30 to 11:00 a.m. May 23 and Smooth Move Overseas is 8:30 to 11 a.m. on May 31. Make moves as stress-free as possible with these helpful classes. Sponsor Training is held Mondays. All unit sponsors are required to attend this training session.



## FEATURE

# Military children volunteer, earn college money

Courtesy 27th Services Squadron

Cannon youth programs can help teens earn money toward their college tuition. The Youth Employment Skills (YES) program, funded by Air Force Aid Society, offers high school dependents of active duty military members an opportunity to learn valuable work skills while positively impacting base agencies.

High school students, grades nine through 12, attending public, private or home schools may participate in the program, starting as soon as eighth grade is completed. This program allows high school students to "bank" volunteer dollar credits toward their college education at a rate of \$4 per hour volunteered. Students may accumulate up to 250 hours during their high school years, a total of \$1,000 for tuition, books, fees and other direct educational costs. "It doesn't take long to get the [250 hours]," said Danny McBride, Cannon's Youth Center director.

Earned funds are held for the students by the Air Force Aid Society until they begin their post-secondary education of college or vocational school.

Dependent children of active duty Air Force members are eligible to participate in the YES program. A parent's retirement or separation from service immediately terminates eligibility for program participation, said Mr. McBride, however all funds the child earns before the parent leaves the military are still available to the child and are held, the same as the funds earned by children of active duty military, in an account until graduation from high school.

The Cannon Youth program also benefits from the volunteers by receiving \$2 for every hour volunteered by participants. Teens will have input in to how the program's money is spent, to enhance programs or purchase equipment.

Work centers on Cannon may request a YES volunteer by contacting Mr. McBride or Mr. Lionel Alston at 784-2747.

Work centers must complete a job description for participating youths and complete a simple time sheet for the participants. Interested teens must also complete enrollment forms for eligibility.

"So far we have had kids work at

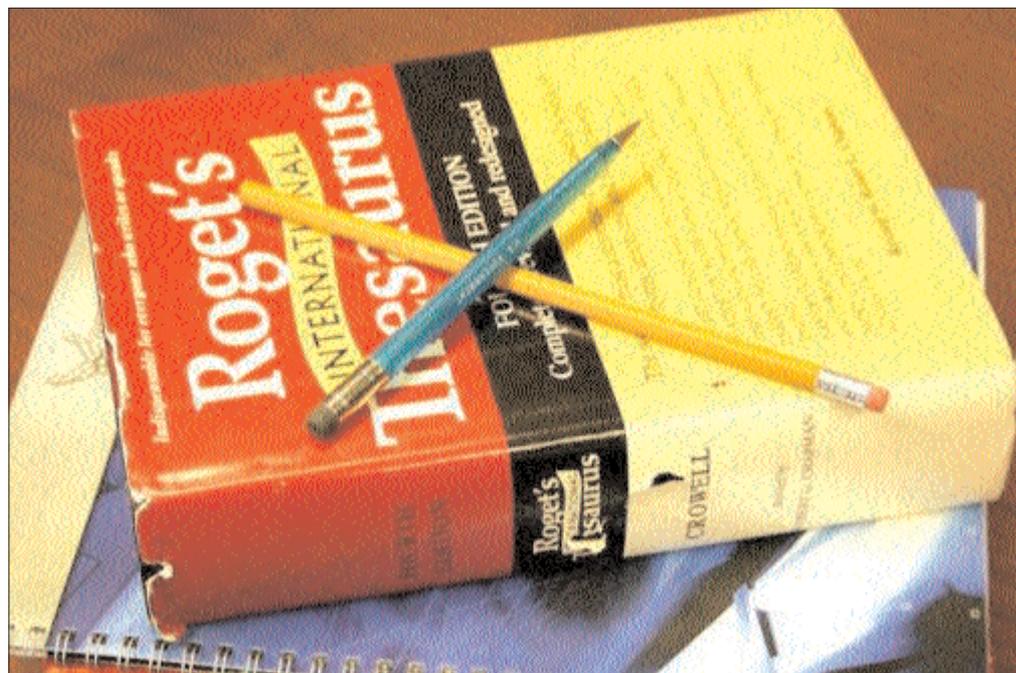


PHOTO BY JANET TAYLOR-BIRKEY

Military dependent children can earn money for themselves and the Cannon youth program by volunteering at participating base agencies. Students will earn \$4 per hour volunteered for college expenses and \$2 per hour for the Cannon youth program to purchase equipment. Students have a say in how the program spends its money and will receive their scholarship after graduating high school.

the youth center, the fitness center, marketing and the golf course," said Mr. McBride, adding that students are almost always able to find something

to fit their interests.

(Contributions to this article were made by Janet Taylor-Birkey, 27th Fighter Wing Public Affairs)



## What's happening?



### Today

Parade — 9:30 a.m. at the CDC\*  
Seafood Buffet — 11 a.m. at The Landing  
Yu-Gi-Oh Challenge Plus — 4 p.m. at the Clovis CC\*  
Steak Special — 5 to 9 p.m. at The Landing  
Family Bowl-A-Rama — 6 p.m. at Cannon Lanes  
All Night Party — 9 p.m. at The Landing  
Entertainment — 9 p.m. at The End Zone  
Penny Pincher Daily Lunch Special — Cup of Soup and half a turkey sub \$3 Members First

### Saturday

Gathering of Nations — 6 a.m. with Information Tickets and Travel  
Quilting Class — 10 a.m. to 2 p.m. at the Central CC  
Cosmic Bowling — 6 p.m. to midnight at Cannon Lanes

### Sunday

Free Billiards — 3:30 p.m. at The End Zone

Dart League - 6:30 p.m. at The End Zone

### Monday

Junior and senior cheer — 4 p.m. at the Clovis CC  
Chess Club — 5 to 6 p.m. at the Portales CC  
Community Theater — 6:30 p.m. at the Central CC  
Penny Pincher Daily Lunch Special — Cup of Soup and half a turkey sub \$3 Members First

### Tuesday

Oriental Buffet — 11 a.m. at The Landing  
Country Fried Steak — 5 p.m. at The Landing  
Penny Pincher Daily Lunch Special — Cup of Soup and half a turkey sub \$3 Members First

### Wednesday

Soccer/Kick Competition — 11 a.m. at the fitness center  
Italian Buffet - 11 a.m. at The Landing  
Country Fried Steak 5 to 8 p.m. at The Landing  
Penny Pincher Daily Lunch Special — Cup of Soup and half a turkey sub \$3 Members First

### Thursday

Mexican Buffet — 11 a.m. at The Landing  
Tween Torch Club — 4:30 p.m. at the youth center  
XBox Challenge — 5 p.m. at the Portales CC  
Pasta Bar — 5 p.m. at The Landing  
Book Club — 6 p.m. at the Cannon Library  
Chess Club Casual Play — 6 p.m. at the Central CC  
Push-up Competition — All day at the fitness center



\* CC — Community Center WWGC — Whispering Winds Golf Course CDC — Child Development Center



## FEATURE

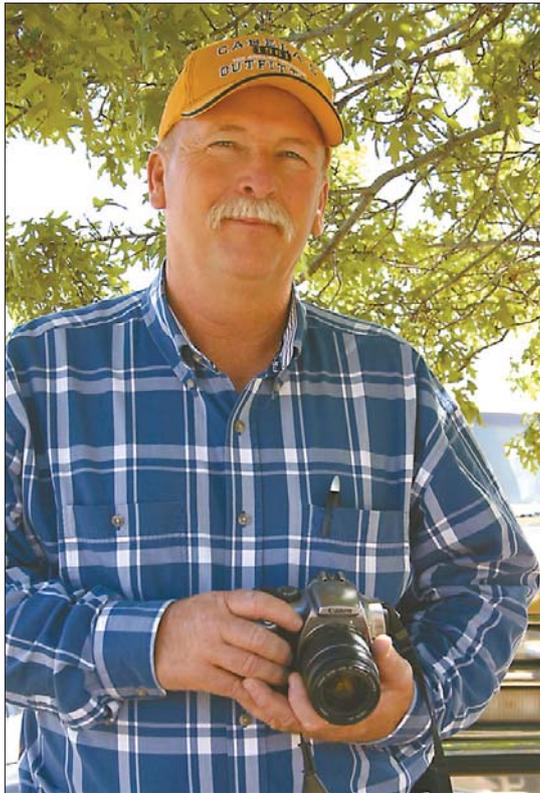


PHOTO BY GREG ALLEN

Mr. Chandler is a weekend photographer from the 27th Civil Engineer Squadron.



PHOTO BY RICK CHANDLER

While on a recent trip to Africa, Rick Chandler took advantage of his photography skills to capture the scenery.

## Photography technology gives new vision to local hobbyist

### Cannon CES member takes passion to new level

By Janet Taylor-Birkey  
27th Fighter Wing Public Affairs

While Rick Chandler spends his work day at the 27th Civil Engineer Squadron office, much of his free time is spent playing in a bluegrass band, doing leather work and taking shots at just about anything that will stand still.

While he shoots with a gun on hunting ventures, his weapon of choice for preserving nature is a camera.

The serious hobbyist photographer in Mr. Chandler developed about 13 years ago, but not because he bought a camera for himself.

"My wife had a fancy camera. I bought her one and she never used it," said Mr. Chandler. So he decided to use it himself. After taking a class to learn film developing, he said he "kind of got the knack of it."

A long-time film shooter, Mr. Chandler has recently found a new area to explore in the digital side of photography. Awaiting the birth of his

and his wife Judy's first grandchild gave Mr. Chandler the impetus to purchase, and learn to use, his first digital camera.

"I'm just learning digital ... getting the equipment and learning how to use the software," said Mr. Chandler.

"I like slide film [to make projector slides] better than anything," he said. Mr. Chandler's partiality toward slide film comes from the fact that it is easily backed up in case of loss, and can be saved in several formats, he said. But the days of film are going the way of most slide projectors.

"It's going to be cost prohibitive pretty soon [to develop film], because there are no labs to develop film," said Mr. Chandler. He said most labs are going digital and estimates there are about 30 percent fewer labs developing film than there were eight years ago.

But whether he's working with a roll of film in his camera or a small digital card, Mr. Chandler's favorite subjects are, "Animals, nature, anything outside," he said.

To develop his natural talent and interest in photography, Mr. Chandler has been the student of famous nature photographer John Shaw, and joined internationally known photographers at a workshop, in addition to taking advanced photography classes at

Clovis Community College.

When asked if beginners should take photography workshops, "You bet. That's where you learn all the little things. It's different from learning out of a book," was Mr. Chandler's answer. "What's in the book may not actually work out in the field."

He knows from personal experience what works in the field. Taking 650 photos while on a 2003 mission trip to Africa gave him plenty of practice to tell photo journalistic stories of African tribesmen and their families.

Mr. Chandler recalls many more opportunities of walking close to animals in the African bush and hanging out of the vehicle to take pictures of animals such as warthogs, gazelles and hyenas.

Out of the hundreds of photos Mr. Chandler has taken, he says it's difficult for him to pick a favorite. His current favorite is of a building in Luckenbach, Texas, but his choice photo preference

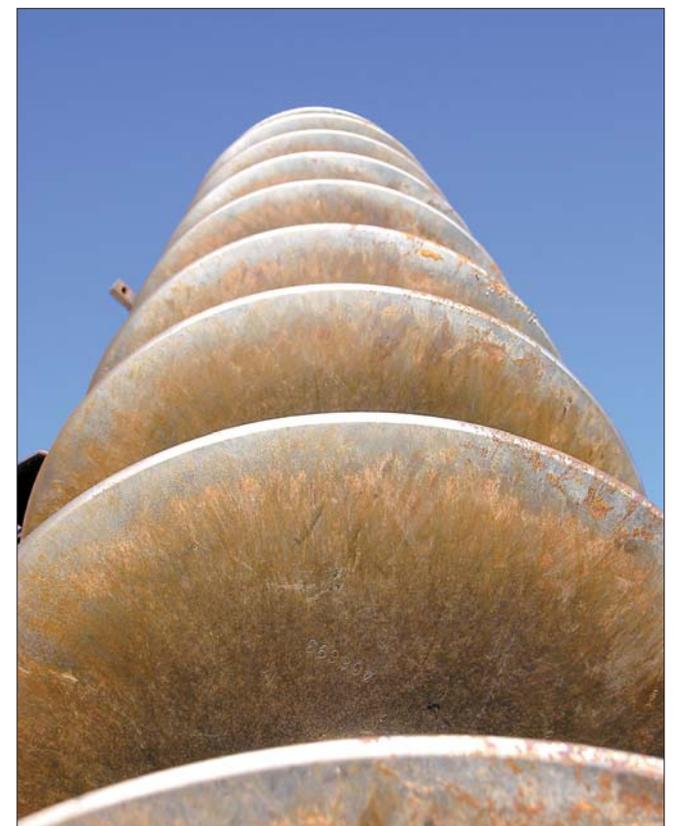


PHOTO BY RICK CHANDLER

Mr. Chandler uses his new-found fondness of digital photography and imagination to create one-of-a-kind photographs, like this one of plow discs.

changes as new photos are shot.

"It's whatever the day is," he said, looking forward to his new favorite — his grandchild.



# Congratulations ALS Class 06-D graduates

**John Levitow Award winner**  
Senior Airman Lucas McGlone,  
27th Civil Engineer Squadron

**Distinguished Graduate Award winner**  
Senior Airman Peter Spoelstra,  
27th Aircraft Maintenance Squadron

**Distinguished Graduate and Academic Achievement winner**  
Senior Airman Skyler Howard,  
27th Civil Engineer Squadron

**Distinguished Graduate and Leadership Award winner**  
Senior Airman Aaron Taylor,  
27th Equipment Maintenance Squadron

**27th Fighter Wing Administration**

Senior Airman Brian Davis

**27th Fighter Wing Command Post**

Senior Airman Sandra Gibb

Senior Airman Michelle Martel

**27th Aircraft Maintenance Squadron**

Senior Airman Gabriel Austin

Senior Airman Brandon Bailey

Senior Airman Daniel Cavazos

Senior Airman Michael Forseth

Senior Airman Scott Horant

Senior Airman Brad Huthsteiner

Senior Airman Roland Jacala

Senior Airman Javier Reyna

Senior Airman Randy Rubisch

Senior Airman John Swearingen

**27th Component Maintenance Squadron**

Senior Airman Samuel Trappett

**27th Civil Engineer Squadron**

Staff Sgt. James Johnson

Senior Airman Stephanie Brown

Senior Airman Benjamin Bullock

Senior Airman Monique Sadler

**27th Communications Squadron**

Senior Airman Lance Bowers

Senior Airman Michael Garza

**27th Equipment Maintenance Squadron**

Senior Airman Christopher Carpenter

Senior Airman Vincent Frosig

Senior Airman Karl Morgan

Senior Airman Brian Mowry

Senior Airman Christopher Phifer

Senior Airman Juan Reyes

Senior Airman Alan Tafoya

**27th Logistics Readiness Squadron**

Staff Sgt. Theresa Byron

Senior Airman Casper Garcia

Senior Airman Fredrick Sarten

Senior Airman Brian Thorpe

**27th Security Forces Squadron**

Senior Airman Angela Miranda

Senior Airman Brian Mitchem

Senior Airman Tanya Perez

## Chapel Schedule

### CATHOLIC

The Sacrament of Reconciliation is at 8:30 a.m. Sundays and 4 to 4:30 p.m. the third Sunday of the month.

Sunday Mass 9:30 a.m. and 5 p.m.  
Weekday Mass 12:05 p.m. M,W,F  
Religious Education (grades K-6) 10:45 a.m. Sunday  
LifeTeen youth ministry (grades 7-12) 6 p.m. Sunday

### PROTESTANT

Little Blessings children's class (under four years old) is available during all services and Wednesday ministries.

Sunday Services:

Traditional Service 8 a.m.  
Contemporary Service 11 a.m.  
Fellowship Noon  
Inspirational 12:30 p.m.

Wednesday Services

Prepared meal (small donation requested) 5:30 p.m.  
AWANA (Three years old to 6th grade) 6:15 p.m.  
CrossFaith (grades 7-12) 6:15 p.m.  
Alpha Course (Cyber Café) 6:15 p.m.  
Old Fashioned Bible Study 6:15 p.m.

## At the Movies

The Cannon Movie Theater is located on the corner of Torch and D.L. Ingram.  
Movie prices are \$3.50 for adults, \$1.75 for children and \$1 for all viewers on Thursdays.

### V for Vendetta

7 p.m. today and 4 p.m. Saturday

**Description:** Set against the futuristic landscape of a totalitarian Britain, a young woman named Evey is rescued from a life-and-death situation by a masked vigilante known only as "V." Incomparably charismatic and ferociously skilled in the art of combat and deception, he urges citizens to rise against tyranny and oppression.

**Rated:** R — strong violence and some language

**Running time:** 132 minutes

### Failure to Launch

7 p.m. Saturday and 4 p.m. Sunday

**Description:** A 30-something man who still lives with his parents falls in love with the woman of his dreams and begins to suspect she has been hired by his parents as a way to get him out of the house.

**Rated:** PG 13 — sexual content, partial nudity and language

**Running time:** 97 minutes

### She's the Man

7 p.m. Sunday

**Description:** Viola Johnson had her own good reasons for disguising herself as her twin brother Sebastian and enrolling in his place at his new boarding school. She was counting on Sebastian being AWOL from school as he tried to break into the music scene in London. What she didn't count on was falling in love with her hot roommate, Duke, who in turn only has eyes for the beautiful Olivia.

**Rated:** PG-13 — some sexual material

**Running time:** 105 minutes



**LIGHTER SIDE**

1	2	3		4		5		6		7	8	9	10	
11						12	13			14				
15						16				17				
18						19				20				
				21						22				23
	24	25	26					27						
28							29					30	31	
	32						33			34	35			
36						37				38				
				39				40		41				
42		43		44										
45	46		47				48		49			50	51	
52						53						54		
55						56						57		
58						59						60		

**AFMC in depth**

**ACROSS**

- 1. AFMC base
- 6. AFMC base
- 11. Bar code
- 12. Sly \_\_\_ fox
- 14. Rest or disaster
- 15. German word of ownership
- 16. Tree type
- 17. Various small, biting, two-winged flies
- 18. Commercials
- 19. AFMC base
- 20. Point on stem where a leaf is attached
- 21. Edible part, as of piece of fruit or nut
- 22. Depend on
- 24. \_\_\_ Air Logistics Center; AFMC mission at 19 ACROSS
- 27. Armor piece used to protect or ornament horse
- 28. AFMC base
- 29. Tree type
- 30. Wonder inspired by authority
- 32. Tear apart
- 33. Secretly keep watch on another
- 34. Type of water?
- 36. Golf prop
- 37. Best pilot
- 38. Bungling or clumsy

- 39. Woodwind instruments
- 41. More recent
- 44. \_\_\_ Father, who art in Heaven...
- 45. AFMC base
- 52. Ireland, formerly
- 53. Kitchen utensil
- 54. The Greatest
- 55. Large African antelope
- 56. Mining goals
- 57. Air Force Safety Center magazine Road & \_\_\_
- 58. Soccer star
- 59. Very small island
- 60. Communist Party founder Zedong

**DOWN**

- 1. 311 \_\_\_ Systems Wing; AFMC mission at Brooks
- 2. Mocked
- 3. Navy equivalent to AFOSI
- 4. Passing grade
- 5. Secret criminal organization in Sicily
- 6. British nobleman next in rank above viscount
- 7. German composer
- 8. AFMC base
- 9. Prepared
- 10. Sweet, edible, oblong or oval of fruit
- 13. Particles between sand and clay in size

- 19. Female chick
- 21. Make repairs or restoration
- 22. Zodiac animal
- 23. \_\_\_ Systems Command; AFMC mission at 1 ACROSS
- 24. "Lord of the Rings" creatures
- 25. Type of club?
- 26. Jumble of loud, usually discordant sounds
- 27. American poet, father of "men's movement"
- 29. Fencing sword
- 30. Again
- 31. Lightly rub
- 33. Zodiac signs
- 34. AFMC base
- 35. Operation begun Sept. 11
- 37. Borders on
- 39. \_\_\_ and aah
- 40. Long bench with a back
- 42. Clean or clear
- 43. Type of infection
- 46. Stir to anger
- 47. Kiss member Simmons
- 48. AFMC mission conducted through these labs, in short
- 49. Flight mission accomplished at 6 ACROSS
- 50. Poet Teasdale
- 51. Margarine

**Puzzles compiled by Capt. Tony Wickman 71st Fighter Wing**



SPORTS & HEALTH

*Fitness Center events calendar*

**Today**

**Yoga**  
5:30 - 6:30 a.m.  
8:30 - 9:30 a.m.

**Saturday**

**Yoga**  
8 - 9 a.m.

**Sunday**

**No Classes**

**Monday**

**Yoga**  
5:30 - 6:30 a.m.  
8:30 - 9:30 a.m.  
**Cardio Cycling**  
11:45 a.m. - 12:30 p.m.

**Yoga**  
5:30 - 6:30 p.m.

**Tuesday**

**Cardio Cycling**  
5:30 - 6:15 a.m.  
9 - 10 a.m.  
**Aerobics**  
5:30 - 6:30 p.m.

**Wednesday**

**Yoga**  
5:30 - 6:30 a.m.  
8:30 - 9:30 a.m.  
**Cardio Cycling**  
11:45 a.m. - 12:30 p.m.  
4 - 5 p.m.  
**Aerobics**  
5:30 - 6:30 p.m.

**Thursday**

**Cardio Cycling**  
5:30 - 6:15 a.m.  
**Step Aerobics**  
5:30 - 6:30 p.m.  
**Yoga**  
6:45 - 7:45 p.m.



PHOTOS BY MASTER SGT. ROBERT VALENCA



**Cannon shows force in Vegas**

Above and left: Jared Moreland, 27th Equipment Maintenance Squadron, performs a lift and toss on his opponent and teammate, Anthony Brooker, at the USA National Senior Men's and Women's Wrestling Championship in Las Vegas on April 15.

Below: Brooker, Vandenberg Air Force Base, Calif., recovers and is declared the winner in the Greco Roman 55-kilogram (121-pound) class. Brooker finished seventh overall and will compete in the USA Wrestling World Team Trials May 27 and 28.





## SPORTS SHORTS



COURTESY GRAPHIC

**Memorial run**

Airmen and their families are invited to the 5.5 mile Gate to Gate Memorial Run 7:15 a.m. May 25 at Unity Park. Participants will receive a flower to be placed at Memorial Park. Buses will take runners to the Portales Gate for the start of the run. There will also be a 1.5-mile walk from the base theater. Both events will end at Unity Park.

**Cannon Lanes**

**Family Bowl-a-Rama** — Bowl two hours with up to six family members on the lane for \$12 from 6 to 9 p.m. today. Price includes shoes and one pitcher of soda.

**Cosmic Bowling** — Saturday and Wednesday 9 p.m. to midnight for only \$2.50 per game.

**8 Pin Bowling Night** — Bowl from 6 to 9 p.m. May 6. Cost is \$5.25 for three games.

An automatic strike will be awarded to anyone who knocks down eight pins or more on their first ball. Everyone in the family can participate.

**Fitness center**

**Soccer/Kick Competition** — The Cannon fitness center is searching for the base's strongest kicker with a competition at 11 a.m. Wednesday at the fitness center.

**Push-up Contest** — Participants may come to the fitness center any time Thursday to enter the push-up contest. Fitness center staff will keep a list of participants and announce a winner the next day.

For more information, contact the fitness center at 784-2466.

**Youth sports**

**Instructional programs** — Sign up for cheerleading, dance, yoga and preschool tumble at the youth center.

Classes are Tuesdays and Thursdays and cost \$30 per child.

**Whispering Winds**

**Monday Night Scrambles** —

Nine hole scrambles begin at 5 p.m. Mondays for two-person teams. Handicaps will be used and players may pick their own partners.

Players must sign up by 3 p.m.

**Tee Time Policy** — Tee times will only be given to groups of three, four or five people on weekends or holidays.

Groups of five must have at least one electric cart per group. Singles or groups of two are encouraged to come out and try joining another group to make a three, four or five-some.

If the course is not crowded, the counter attendant or course marshal may allow smaller groups to play.

**Senior Days** — Senior golfers 50 years and older receive \$2 off daily green fees and 50 percent off electric carts Monday through Friday.

**Retiree Wednesdays** — Golfers with a retired military ID card receive \$2 off daily green fees and 50 percent off electric carts on Wednesdays.

**Member First Discounts** — Members receive 10 percent discount off annual, quarterly and monthly greens fees.

Also, they receive discounts on club and cart rentals for 18 holes.

**The End Zone**

**Dart League** — The Cannon dart league is looking for new players and teams. Register for league play at 6 p.m. Wednesdays in the End Zone game room. Three person games played, five team Cricket and three single 501 Match Duration.

For more information, contact Master Sgt. Wendell Pugh at 784-2332.