

SPACE GUARDIAN

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Thursday, January 25, 2007

Base Briefs

Promotion ceremony

The monthly Team Pete NCO Induction and Promotion Recognition Ceremony is at 3 p.m. Jan. 31 at The Club at Peterson.

Air Force Ball

The 2007 Air Force Ball is scheduled for Feb. 2 at The Broadmoor hotel. The theme is "Heritage to Horizons." Social hour begins at 6 p.m., dinner at 7 p.m. followed by dancing.

Entertainment will be provided by the Air Force's "Tops In Blue." Dress is Mess Dress (or enlisted equivalent), and black tie for civilians.

The cost is \$15 to \$90 depending on rank. Special room pricing available at the Broadmoor. Call and ask for Air Force Ball rate. For tickets, call Capt Stephan Cummings at 556-7040, or Maj. Richard Purinton Jr. at 554-5747.

Free testing software

MilitaryHOMEFRONT, a Web site for the DoD family, has a special program for military members and their families to get the current SAT/ACT Standard Power Prep program for just the shipping and handling costs. For information and to order, visit MilitaryHOMEFRONT.dod.mil and under "QOL Resources" on left, click "Donation: VSG/NFL Players." The Web site also has a variety of other resources available.

Kids night out

There is a Kids Night Out from 5:30 to 8 p.m. Feb. 9 at The Club at Peterson. The theme is Star Wars. Tickets are on sale now for \$4 for children and \$7 for adults. For information, call 556-4181.

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Precision air drops

High-altitude system revolutionizes cargo delivery.

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To protect large, high-level public events from attack, NORAD utilizes a network of ground-based radars and fighters to detect any hint of an airborne threat and then intercept it or engage with if necessary.

Team Pete 'ready for some football'

By Debbie Evert
Space Guardian

When 70,000 spectators enter Dolphin Stadium in Miami on Feb. 4 for Super Bowl XLI, they likely won't see any Peterson personnel, but Team Pete members have been training just as much as the Chicago Bears and Indianapolis Colts for the big game.

To provide a strong defense against any game day attack, NORAD and US-NORTHCOM have been working with other national and local law enforcement agencies.

"NORAD and U.S. Northern Command personnel are supporting the primary federal agency, the Alcohol, Tobacco and Firearms agency and the Miami-Dade County Sheriff's Department for Super Bowl XLI," said Michael Kucharek, chief of current operations for NORAD and US-NORTHCOM public affairs. "While most of the security assets for these events come from the local law enforcement agencies, NORAD and USNORTHCOM provide support to the PFA, and these are mis-

sions we take very seriously, since it is an effort to protect and defend our homeland."

The Department of Homeland Security requested help from NORAD and US-NORTHCOM, which pass along their needs to appropriate agencies for support.

Protecting large, high-level public events from attack took and even greater precedence for military agencies like NORAD

See Football page 9

Bill proposes in-state tuition rates for military

By Debbie Evert
Space Guardian

A bill has been introduced in the Colorado legislature that could reduce the costs of higher education for active-duty military, their dependents and members of the Colorado National Guard.

The idea may sound good on the surface, but opponents say the measure would take money away from other state budgets.

Rep. Frank McNulty, a Republican from Douglas County, is sponsoring HB 1163, which seeks to exclude active duty military and their dependents stationed in Colorado from paying out-of-state tuition for higher education.

"It's the right thing to do," he said. "The burdens we place on our military families are tremendous. What we can do is try to help."

The impetus for the bill came from U.S. Senator Wayne Allard.

"In this time of tremendous sacrifice for our men and women in uniform, we should do all that we can to increase opportunities for our troops to earn a college degree," Allard said. "Higher education is the future of Colorado and the more Americans who achieve this dream, the better we can compete in the global economy. I hope that we can develop a system to grant some form of reciprocity to enable members of the military and their dependents to be eligible for in-state tuition in Colorado.

Allard said he recognizes the importance of higher education. He is a veterinarian and earned his degree from Colorado State University.

As of now, military members and their families get the in-state tuition break only if they're stationed in Colorado under a "permanent change-of-station" classification, meaning no future transfers are planned.

McNulty's bill would extend the tuition break to include those with a temporary assignment to duty in Colorado as well.

The provision also would allow members of the Colorado National Guard

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Staff Sgt. Shawn Andrews answers questions on a College Level Examination Program test. Rep. Frank McNulty is sponsoring a bill that would allow servicemembers stationed in Colorado to pay in-state tuition.



PUBLISHER

Lon P. Matejczyk
Lon.Matejczyk@csbj.com

EDITORIAL

Editor

Mike Boyd
Mike.Boyd@csbj.com

Managing Editor
Rob Larimer
Rob.Larimer@csbj.com

Staff Reporter
Debbie Evert
Debbie.Evert@csmng.com

Sports Reporter
Walt Johnson
Walt.Johnson@csmng.com

ADVERTISING

Advertising Director/GM
Tex Stuart
Tex.Stuart@csmng.com

Kathleen Gannon
Kathleen.Gannon@csmng.com

Mike Keplinger
Mike.Keplinger@csmng.com

Tabitha Kidd
Tabitha.Kidd@csmng.com

Linda Stuart
Linda.Stuart@csmng.com

Classified Ad Manager
Emily Frazee
Emily.Frazee@csbj.com

ART DEPARTMENT

Art Director

Rowdy Tompkins
Rowdy.Tompkins@csbj.com

Graphic Designer
Jeff Adcox
Jeff.Adcox@csmng.com

Colorado Publishing Company
(719) 634-5905, Fax: (719) 634-5157
31 E. Platte Avenue, Suite 300,
Colorado Springs, Colorado 80903-1246
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Lon Matejczyk, Publisher and Vice President



JPADS revolutionizes airdrop technology

By Tech. Sgt. Scott T. Sturkol

Air Mobility Warfare Center Public Affairs

FORT DIX, N.J. (AFNEWS) — Since October 2005, the Air Mobility Warfare Center has partnered in an effort to revolutionize the way the Air Force does its airlift airdrops in the expeditionary environment and around the globe with the Joint Precision Air Drop System, or JPADS, initiative.

“When it was said to make this concept of JPADS a reality and we became Air Mobility Command’s lead on this project, we started work right away,” said Maj. Gen. David S. Gray, AMWC commander. “Gen. (Duncan J.) McNabb (the AMC commander), made this a command priority, and he definitely made it my No. 1 priority. I’m proud of how far we’ve come and how fast we got there.”

In November 2005, AMC opened a JPADS “Tiger Team” that included representation from dozens of agencies at command headquarters, including the Combat Operations Division and Plans and Programs, as well as people from the Air Mobility Battlelab and the Air Force Mobility Weapons School. The team was chaired by Col. Charles Stiles, the AMWC vice commander.

The team’s work paid off when the first combat airdrop using JPADS took place over Afghanistan Aug. 31.

“That effort put us a day ahead of the goal for combat operability by Sept. 1,” said Maj. Dan DeVoe, an AMWC project officer for JPADS who deployed to Afghanistan in 2006 as part of the mobile training team that established system operations in theater.

The system is a high-altitude, all-weather capable, precision airdrop system that provides increased control upon release from the aircraft, DeVoe said.

“When you’re able to complete airdrops at



higher altitudes for example, it keeps the aircraft and aircrews safer and out of range of the enemy,” DeVoe said. Additionally, with the ability to precisely drop bundles to multiple,

See JPADS page 7

In this photo illustration, a Joint Precision Air Drop System-equipped bundle is dropped from an Air Force aircraft. The illustration shows the global positioning system-guidance system attached to the deployment of steerable and traditional parachutes en route to the bundle landing within feet of a desired location. The JPADS bundles are now being used for combat air drop missions in the war on terrorism.

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Agenda

- 7:30 a.m. - 8:00 a.m.** Continental Breakfast and Registration
- 8:00 a.m. - 8:45 a.m.** HP Presentation C-Class Blades Technology, power and cooling, management, and customer experiences; all coupled with other relative topic highlights.
- 8:45 a.m. - 9:30 a.m.** Red Hat Enterprise Linux with BladeSystems
- 9:30 a.m. - 9:45 a.m.** BREAK
- 9:45 a.m. - 10:15 a.m.** Security Presentation
- 10:15 a.m. - 12:00 p.m.** Hands-on workshop. See how to:
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Desert demonstrations benefit checkpoint safety

By Michael P. Kleiman

Air Force Research Laboratory Space Vehicles Directorate
Public Affairs

When a vehicle that could be armed with explosives approaches a checkpoint at high speeds and refuses to stop, the warfighter usually has one of two options — kill or be killed.

That type of scenario prompted Air Force leaders and engineers to compete to find a way to stop warfighters in that situation a non-lethal solution.

They met on a cool November night in the southeast Arizona desert to test their ideas and inventions.

A radio-controlled automobile traveling at 40 mph steadily cruised toward its target, a mock checkpoint, on a floodlight-illuminated dirt track.

Suddenly, the car was stopped dead in its tracks and short of completing its mission when a contraption with two hooks emerged from the ground and caught the car's front bumper.

That drew applause from Maj. Gen Ted Bowlds, Air Force Research Laboratory leader, who watched the demonstration from a safe distance.

He's satisfied because it's a successful endeavor for his engineering team that's competing in the Commander's Challenge.

Bowlds created the Commander's Challenge to find innovative, non-lethal methods to stop uncooperative vehicles at deployed military checkpoints.

Since June, two six-member teams, consisting of junior Air Force officers and civilian employees with science and engineering backgrounds with five years or less experience, representing Wright-Patterson Air Force Base, Ohio, and Kirtland AFB, N.M., focused their energy on creating methods to stop hostile ground transporta-



The Air Force Research Laboratory-sponsored competition featured four vehicle-stopper prototypes developed to meet an urgent warfighter need.

tion — an urgent warfighter need.

With a \$60,000 budget, each squad provided two vehicle-stopper prototypes for evaluation at a test range in Huachuca City, Ariz.

"The fact we were tackling a real world problem the troops face today in theater and a problem we face even in protecting some of our valuable sites throughout the United States, the things done here will find their way there," Bowlds said. "From my perspective, this was a grand slam homerun in what we did here."

During the demonstration's initial session, the Wright-Patterson AFB squad placed their first vehicle-halting device, a wedge, in the desert soil awaiting contact with an oncoming Ford Taurus.

After a few attempts, the group's prototype stopped the radio-controlled car.

Their next mechanism for appraisal, nicknamed "El Diablo" — Spanish for the devil — because of its red color, did not stop the car, but some adjustments to the apparatus by the Ohio-based team during the afternoon in preparation for the nighttime evaluations paid off.

In the evening exhibitions, both Wright-Patterson AFB Commander's Challenge creations performed successful auto stops.

"We took the approach to make a difference," said 1st Lt. Philip Gaudet, team lead, Wright-Patterson AFB team. "We came together as a team that night in the machine shop in getting our vehicle-stopper prototypes repaired from the demonstrations earlier in the day."

Day two in the desert featured demonstrations by the Kirtland AFB squad's two ve-

hicle-stopper inventions, the hook and the wedge.

The hook consisted of two remote-controlled hooks with twin near-the-ground aluminum boxes hiding air bags, which provided "lift" to any form of transportation passing above it.

The wedge, constructed of wood with radio-controlled components, served to raise up and high center the car so its wheels were off the ground. In addition, upon impact, the equipment released carbon dioxide gas to disable the engine.

Similar to the Wright-Patterson AFB team's demonstrations 24 hours before, the Kirtland AFB group tasted victory during night testing. Both vehicle stoppers operated effectively during several evaluations, and with the contest now complete, Commander's Challenge participants anxiously awaited the four judges' decision.

"We were looking for stuff that should be simple to set up, parts that could be replaced, and equipment that could be field maintainable," said judge Eric Werkowitz, AFRL's Munitions Directorate.

At the competition's conclusion, Maj. Gen. Bowlds announced that the Kirtland AFB team had won the inaugural Commander's Challenge contest, but he also said that both squads' efforts had contributed to viable solutions in resolving a current, critical problem for the warfighter.

"We are the Air Force Research Laboratory. We are about solving the Air Force's problems and warfighter's problems, and so, we are actively seeking what that next challenge is and we'll put together another team under the same type similar constraints, a limited budget, a limited timeframe, and they got to deliver," Bowlds said.

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Program seeks to curb terrorist-related activities

By Steve Brady

21st Space Wing Public Affairs

Force protection is at the forefront of many minds, especially while working on a military installation.

The Air Force Eagle Eyes Program is one avenue to report suspicious activity.

"It's for deterring terrorism by recognizing and reporting pre-attack activities," said Peterson Special Agent Crystal Morado, Air Force Office of Special Investigations, Detachment 803. "It is a global 'neighborhood watch,' and is applicable to on-base and off-base populations."

Recently, a civilian employee made an Eagle Eyes report. He reported the passenger of an SUV operating a laptop computer while parked near Building 1013, and said there was a coaxial cable running through the luggage rack into the rear of the vehicle and a six-inch cable on the rear of the vehicle.

After an investigation by OSI, it was determined the individuals were on base for a legitimate reason. But reporting suspicious activity is still paramount.

"The program is important because every terrorist act is preceded by observable planning activities," Morado said. "When troops and citizens know what to look for and how to report suspicious activity, terrorist acts can be prevented."

Anyone can make a report by calling the AFOSI Detachment 803 at 556-4347 or the 21st Security Forces Law Enforcement desk 24 hours a day at 556-4000. Suspicious activity can also be re-

ported to local, county, state or federal law enforcement.

Officials recommend reporting the following activities:

Surveillance — the recording or monitoring of activities

Elicitation — the attempt to gain information about military operations, capabilities or people without an obvious need to know

Test of security — assessments of response strengths and weaknesses

Acquiring supplies — purchasing or stealing of dangerous or controlled items

Suspicious people who don't belong — people who look out of place

Dry run — note people moving around from place to place without an apparent purpose of doing it, perhaps several times

Deploying assets, getting into position — people loading vehicles with weaponry/ explosives, people in military uniforms who don't look right or ones standing around looking like they're waiting for something to happen

"Every Airman and citizen can make a difference by recognizing what to report and reporting it to law enforcement," Morado said. "Too often individuals feel they are being paranoid or silly and therefore do not contact law enforcement. However this information may be the piece of the puzzle the law enforcement agencies need. Law enforcement officers can not be everywhere. We need the eyes and ears of the community."

Non-combat injuries qualify for tax-free compensation

RANDOLPH AIR FORCE BASE, Texas (AFNEWS) — Just because an Air Force veteran was not injured storming the beaches at Normandy does not mean he or she might not be entitled to receive combat-related special compensation, or CRSC.

Many Air Force veterans could be missing out on hundreds, if not thousands, of dollars every month because they have not applied for the compensation, said Ann Lacey, of the Randall CRSC office.

"Don't let the term 'combat' throw you. There are many circumstances which are combat-related that could justify approval of extra tax-free money for you," she said.

CRSC is designed to restore military retirement pay that has been offset by Department of Veterans Affairs compensation in the event that combat related disabilities are confirmed.

For example, if a veteran is currently rated for a disability of 10 percent with the VA, he or she receives a check from the VA for \$115 each month, but his or her retired pay is reduced by that same amount. If the CRSC review board finds the disability to be combat-related, he or she would continue to receive the monthly check from the VA for \$115 along with the remainder of the retired pay, but begin to receive an additional monthly check from CRSC for \$115.

Many disabilities resulting from conditions during peacetime may meet the criteria for CRSC, Lacey said. As examples, she cites an aircraft mechanic who worked on the flight line and began to lose his hearing while in the service. A personnel technician who dove for cover during a simulated air

raid and injured her shoulder, and a pararescue journeyman who broke his ankle while landing a peacetime parachute jump.

"If you're not sure the circumstances surrounding your disability meet the combat-related criteria, it would be beneficial for you to apply for CRSC and let the board make a determination for you," Lacey said.

There are a few prerequisites to consider before submitting a CRSC application. To meet the basic eligibility criteria to be considered for CRSC, veterans must:

- Be retired with 20 or more years of active-duty military service, or retired at age 60 from the Guard or Reserve

- Be receiving military retired pay. Veterans who waived military retirement pay for Civil Service credit are not eligible to apply for CRSC.

- Have a compensable VA disability rating of 10 percent or higher.

- Receive military retired pay that is reduced by VA disability payments.

Copies of the Application for Combat-Related Special Compensation, DD Form 2860, and more information about the program can be downloaded from the AFPC Web site at <http://ask.afpc.randolph.af.mil/>.

Call the Air Force CRSC office at (800) 616-3775 for assistance, or e-mail them at afpc.dppdc.afcrsc@randolph.af.mil.

Lacey said applying is worth the effort.

"It will take a little time to complete the application and make copies of your documentation, but it could mean qualifying for monthly tax-free compensation for the rest of your life," she said.

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BASE BRIEFS

Troops to Teachers

A "Troops to Teachers" info-luncheon is scheduled from noon to 1 p.m. Feb. 22 at the Club at Peterson. To reserve a seat, contact Bob Leonard at 262-2106 or Megan Diderrich at 262-3486.

AFRC classes

The Airman and Family Readiness Center offers classes including readiness briefings, sponsorship training, spouse job orientation, pre-separation briefings, financial readiness, resume review and more. For a listing, call 556-6141.

Vehicle registration

The Pass and Registration office at the visitors' center is currently out of "year" stickers and has suspended registration until it has more stickers to resume vehicle registration and renewal. For information, call the visitor center at 556-6406.

Homebrew fest

The Club at Peterson is having a Homebrew Fest from 4:30 to 10 p.m. Feb. 23. Categories include: Stout, IPA, Fruit Beer, Light Lager and Winter Specialty. Admission is \$7 for club members and \$10 for non-members. For information or to register, call Curtis at 556-4181 or 574-4110.

Blood drive for armed forces

The U.S. Air Force Academy and Fort Carson are hosting a joint Armed Services Blood Program blood drive March 19-23.

Blood collected during this drive will benefit members of the armed forces, helping to meet the needs of those engaged in combat operations.

To generate the most participation, the armed forces is reminding military members, their families and friends, that they may only donate blood every 56 days. They respectfully ask that you do not donate blood to other organizations between now and the blood drive in March.

The Department of Defense is a prime customer for blood products and has a great need for blood, especially during this time of conflict.

During the academy's drive last year, blood collected was processed within 72 hours and sent to the AOR within seven days. Your contributions will save lives among those who are deployed.

For more information, contact Capt. Uriah Orland, 333-7608.

JPADS: Drop zone precision

From page 3

small drop zones, JPADS brings an entirely new capability to the warfighter while saving lives and resources in the process."

Traditional airdrops by Air Force airlifters, such as the C-130 Hercules and C-17 Globemaster III, are at altitudes of between 400 and 1,000 feet. With JPADS, those same aircraft have the potential to guide air drop bundles from as high as 25,000 feet.

JPADS includes a mission planner to plan the optimal release points using special software residing on a laptop computer. The computer is loaded with a high-resolution grid of forecasted winds.

The mission planner also receives updated real-time wind speeds while in the air using hand-launched dropsondes (hand-sized, parachute-equipped wind indicators).

There also are multiple types of JPADS parachute systems that have one or two types of parachutes — usually steering and traditional, which are airborne guidance-unit equipped with a GPS receiver that has steering lines attached to the parachute and a GPS retransmit kit mounted inside the bundle to ensure uninterrupted signal reception.

"When dropped, GPS receivers use the steering mechanisms to basically fly the bundles to their predetermined drop zones," DeVoe said. "In combat zones right now, JPADS-equipped bundles are being delivered in the 2,000-pound category, carrying everything from ammunition to food for troops in remote, hard-to-reach places."

JPADS mission planners also have found a role in improving traditional airdrops as part of the Improved Container Delivery System, or ICDS.

"Using their JPADS computer equipment, mission planners are now flying along traditional airdrop missions providing better aerial release points for those bundles as they are dropped from the

plane," DeVoe said. "They've been able to increase air drop accuracy and altitude for traditional CDS bundles. It's getting better every day with this technology."

As of December 2006, 120 ICDS airdrops and nine JPADS airdrops were completed delivering more than 1,000 bundles to troops on the ground.

DeVoe said combat operations using JPADS will continue to grow.

"This has been successful in Afghanistan, and soon we hope it will be further utilized in the Iraq theater of operations," DeVoe said.

Precision airdrops could eventually lessen the number of convoys military forces undertake in both Iraq and Afghanistan, DeVoe said.

"Fewer convoys means less exposure to improvised explosive devices and other hazards troops face on the roads," DeVoe said. "That translates to saving lives."

JPADS has been tested and deployed successfully in the 2,000-pound range, Major DeVoe said.

However, further testing to airdrop bundles eventually weighing up to 60,000 pounds is expected.

"This technology and its applications are only at the beginning," DeVoe said. "The sky is the limit on where this can go for improving operations on the battlefield."

The overall Department of Defense JPADS initiative is led by the Army, but is a joint effort involving the Air Force, Navy and Marine Corps. The AMWC's involvement has been a significant part of the Air Force's comprehensive effort and AMC's support for the joint development of JPADS will only continue to grow.

"This is a revolution in the way air mobility supports the warfighter," Gray said. "We want to save lives and win the war. This will help us get there."

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H A P P E N I N G S

Springs museum serves to 'show you the money'

By Nel Lampe
CSMNG

If the holiday season has left you with little money to look at, take heart. You can take a trip to the American Numismatic Association Money Museum to look at their money.

And, it doesn't even take a lot of money to look at their money. There's no admission fee.

The national museum opened in Colorado Springs in 1967 with one of the world's largest collections of coins and paper money. The facility is near Colorado College and the Colorado Springs Fine Arts Center. It has administrative offices and a library.

Enclosed in glass near the entrance of the museum is what once was the most powerful coining machine in the world. It was manufactured in 1873 and was used in the San Francisco Mint.

The museum was remodeled and renovated a few years ago and now houses a valuable display, the Harry W. Bass Jr. coin collection.

The collection, on the main floor, contains the finest specimens from Bass' collection of American gold coins, patterns and paper money. The collection is displayed in a vault.

Although this exhibit is most interesting to people who are knowledgeable about coins or are collectors, computer enhanced displays explain various parts of the collection, and a timeline helps visitors relate the coins to historic events.

A wave of the special audio wand that can be checked out at the entrance desk brings the exhibit to life with sounds of the past and explanations about the coins.

Historic minting equipment is also on the first floor. There's a giant scale that was used to weigh gold bars. It has a 10,000-ounce beam balance that is so sensitive it can weigh a feather. An 1836 steam press used by the U.S. Mint also is displayed.

A new exhibit is in the Money Museum, "The Die is Cast: Money of the Ancient World." Visitors can see coins produced hundreds of years ago. They can learn why coins were created, how they were used and how the people lived who used them.

Coins that were used for political purposes and propaganda are also on display.

A number of rare, ancient coins are also part of the exhibit.

One particularly rare coin on display is an Eid Mar coin, or Ides of March coin, minted by Brutus to mark the assassination of Julius Caesar. It was coined in 42 B.C.

Along with the coins of ancient Greeks and Romans and other ancient cultures, other surprises are replica statues of Julius Caesar and Caesar Augustus, as well as the Venus de Milo and an ancient Olympian.

Pictures of leaders and Latin words inscribed on paper and coin money show that our modern money decoration stretch far back into the past.

One display shows the cost of everyday goods used by Romans and the wages a Roman soldier might receive.

The first floor has valuable American money displayed, such as a silver dollar that could be the first silver dollar minted in 1794, which would make it worth millions.

There are sheets of uncut bills, doubloons and rare coins.



Children are allowed to take one free coin from the treasure chest near the entrance desk at the American Numismatic Association Money Museum.

A display near the entrance shows the state quarters which have thus far been minted. A new quarter is minted about every 10 weeks. The next one will be from Montana. All 50 state quarters are scheduled to be minted by the end of 2008. The newest quarters are available at the Money Museum.

Downstairs, visitors can learn how art is part of the way money is made and the process of engraving and making money. On the bottom floor is an exhibit called "The Faces of Money: The Good, The Bad, The Ugly." This exhibit explores more than 2,000 years of portraits used on money, including such faces as Genghis Kahn, Nero, Leonardo da Vinci, Mother Teresa, Hitler, Winston Churchill, Daniel Boone, Harry Potter, Pocahontas and others. Some images are stylized and others are precise and recognizable.

Visitors can vote for who they think is the best of the best or the worst of the worst.

Beginning coin collectors can buy books and coin holders, as well as money-related gifts and souvenirs. There are

money-themed cups, glasses, ties, T-shirts, pens and pencils. And don't forget to buy the latest quarters for your state quarter collection.

Children are allowed to take one free coin from the treasure chest near the entrance desk.

The museum is open from 9 a.m. to 5 p.m. Tuesday through Friday. Saturdays from 10 a.m. to 5 p.m. Noon-5 p.m. on Sunday, and it is closed Mondays and holidays.

To get to the museum, take Highway 115 north until it becomes Nevada Avenue. Go north to Cache La Poudre and turn left (west). Go to Cascade Avenue and turn left (south). Go about a half-block south, to 818 N. Cascade. Or, take Interstate 25 north to the Uintah exit 143, and go west to Cascade. Go south (right) three and a half blocks.

A small, free parking lot is north of the museum. If no spaces are available in the lot, park at a meter along Cascade Avenue.

(Courtesy of the Fort Carson Mountaineer.)

G O G E T O U T

Imagination Celebration

The stage production of "If You Give a Mouse a Cookie," is scheduled for 6 p.m. Feb. 9 for art activities and 7 p.m. for the show at the Pikes Peak Center, 190 S. Cascade Ave. The performance is by the Omaha Theater Company, one of the nation's leading children's touring companies. Tickets start at \$8. For information, call 520-7469.

"If You Give a Mouse a Cookie" is also in the Sangre de Cristo Art Center theater in Pueblo at 11 a.m. and 2 p.m. Feb. 10. Tickets are \$6. For information, call (719) 295-7211.

Magic

David Copperfield performs his magic March 13, in shows at 5:30 and 8:30 p.m. in the Pikes Peak Center, 190 S. Cascade Ave. Call 520-SHOW for ticket information.

Carnivale

Manitou Springs will have its annual Carnivale Parade at 1 p.m. Feb. 17. The parade is a Mardi Gras-style celebration of art, food and good times. Call 685-4317 for information.

Before the parade, the Mumbo Jumbo Gumbo Cook-Off is scheduled for 11 a.m. at Soda Springs Park.

IMAX festival

The IMAX theater in the Denver Museum of Nature and Science is re-running its top six films, as selected by the public. "Everest," "Blue Planet," "Dolphins," "Seasons," "Africa: The Serengeti," and "Shackleton's Antarctic Adventure" will be shown daily. Admission is \$8 for adults and \$6 for children ages 3-18. Call (303) 322-7009 or visit www.dmns.org for schedules. The festival runs through March 15. The Denver Museum of Nature and Science is at 2001 Colorado Blvd.

Concerts

The Goo Goo Dolls will play at the Pikes Peak Center on Feb. 19. Tickets start at \$37. Lyle Lovett, John Hiatt, Joe Ely and Guy Clark are scheduled to perform at 7:30 p.m. Feb. 8. Tickets start at \$49.50. For information, call 520-SHOW.

Academy concerts

The Air Force Academy Concerts series includes Bill Engvall on Feb. 10, "Wonderful Town" on March 3 and Chip Davis and Mannheim Steamroller on May 4. Call the academy box office at 333-4497 for information. Shows are at Arnold Hall Theater.

Musicals

"Jesus Christ, Superstar" is scheduled for 7:30 p.m. Feb. 13 and 14 at the Pikes Peak Center. Tickets start at \$32. For information, call 520-SHOW.

Theater

"The Last Night of Ballyhoo," a comedy, will be performed at 8 p.m. Fridays and Saturdays and at 2 p.m. Sundays through Jan. 28 at the Colorado Springs Fine Arts Center, 30 W. Dale St. For information, call the box office at 634-5583. Tickets are \$22.

(Compiled by Nel Lampe, Fort Carson Mountaineer)

Football: Agencies set to respond

From page 1

and USNORTHCOM after the Sept. 11 terrorist attacks. The Super Bowl is considered a "high-level" security event.

Each year, the department decides which events will be designated as high-level events. High on the list are the Super Bowl and various presidential events, like the State of the Union Address. Events like college football's Rose Bowl are lower on the list.

"Historically we have supported other National Special Security Events and Special Events Homeland Security on a recurring basis, including support for previous Super Bowls, the Republican and Democratic National Conventions in 2004, Group of 8 Summits and the funerals of former U.S. presidents, to include those of former Presidents Ronald Reagan and Gerald Ford," Kucharek said.

A high-level event's geographical location also dictates who provides security.

"The geographical locality of last year's Super Bowl (Detroit) required partnership on the U.S. and Canadian sides," Kucharek said.

Although Miami is a long way from Canada, NORAD is still involved in heightened security measures for the Super Bowl. Fighter jets, F-15s and F-16s, will be on alert for air support.

NORAD's mission is to safeguard the continent's airspace, and USNORTHCOM's is to provide civil support for other enforcement agencies.

NORAD's Super Bowl game plan includes providing a defense against the threat of terrorist-related chemical and biological weapons entering the continent's airspace.

The agency utilizes a network of ground-based radars and fighters to detect any hint of an airborne threat and then intercept it or engage with if necessary.

USNORTHCOM has been tracking intelligence and coordinating with local and federal agencies.

They provide satellites and radios, including communication equipment for different units — such as police, fire and other emergency teams — to talk with one another.

Forces have been allocated to USNORTHCOM for any Super Bowl specific missions, but they won't be at Dolphin Stadium on game day. They, like the fighter pilots, will be on standby.

While USNORTHCOM's responsibility would become involved in the event that a chemical or biological attack did occur, they've been on offense for some time now, monitoring airwaves for any Super Bowl threat.

"We would be foolish to wait until something happens," Kucharek said.

Most of what the agency does is precautionary. Kucharek said nothing is pointing to a heightened security alert level.

Bill: Tuition rates

From page 1

to qualify for lower tuition.

The bill is awaiting consideration by the State, Veterans and Military Affairs Committee and will appear before legislators in the coming weeks.

"The bill needs to be heard in committee by Feb. 8, unless the deadline is waived," said committee chair Rep. Paul Weissmann, a Democrat from Longmont. "The committee will schedule a hearing in the next couple of weeks on this bill."

Just how much military members could save on tuition under the proposed legislation isn't known because the bill has yet to undergo fiscal analysis.

Fiscal analysis will also show how much money the state stands to lose if tuition rates are cut.

"This might be unaffordable at this time," Weissmann said. "We are in a tight budget and the money lost will have to be made up somewhere in state government. Again, not having a fiscal analysis yet, this will be hard to measure at this time."

McNulty, however, noted that lower tuition might encourage more military members to enroll in higher education classes.

"To me it's not a question of revenue loss," he said. "It's about bringing in revenue that schools wouldn't already have."

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Mission Support Group team off to a running start

Story by **Walt Johnson**
Guardian staff

Consistent offense and tough defense led the 721st Mission Support Group to a 62-45 victory over the 21st Communications Squadron on Jan. 17.

The win brought the 721st's record to 7-1 and gives the team sole possession of first place in the base's competitive league.

The support group team has had a mediocre record during the past few years, according to coach Donterio Acree, who said this year the team has set its sights on winning more consistently with a new group of players and a new attitude.

"We have a lot of great guys who know how to play together and are very unselfish," Acree said. "We are a team that likes to pass the ball to each other and support each other on defense. We have gone to the next level and we are now playing as one of the better teams on base."

Acree said his team has emphasized being a good defensive unit this year, which has allowed it to achieve success.

A key to Acree's success with a zone defense, which the support group relies on heavily, is the fact that a number of his players have used it in the past.

"We understand the importance of calling out picks, switching to help when a player gets beat and the other things that make a defense work," he said. "We like to play zone because we have a lot of front-court players, but we don't have what you would call a true backcourt player. Sometimes we have the equivalent of five front court players in the game at the same time and players that usually play down low have to play guard at times and its tough."

Acree said the season has progressed well so far for his team, but the players realize there is a lot of time left in the season. He said the team knows its formula for success during the first part of the year will be a key to success during the second half.

"If we are going to keep up this pace we are going to have to rely on teamwork, relying and trusting each other and defense," he said. "Everything starts with defense. Teams are taking us more seriously than they did at the start of the season, so we are going to have to keep playing at the level we are playing at now. If we keep playing the way we are playing now, I don't see failure as an option for this team."

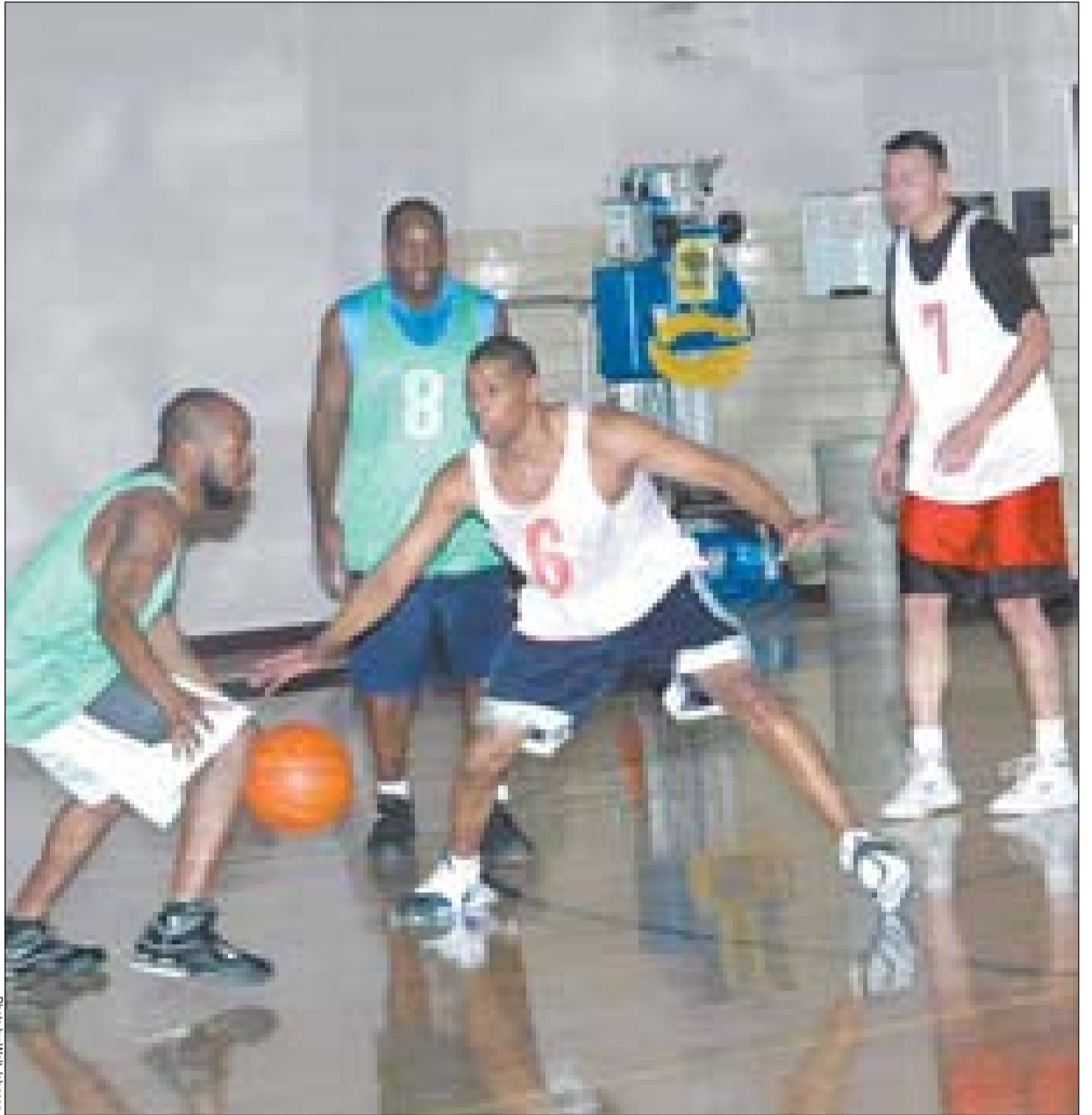
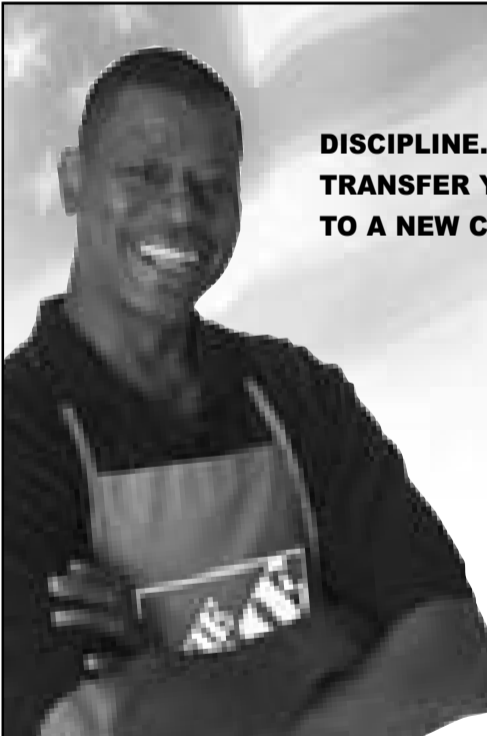


Photo by Walt Johnson

21st Communications Squadron's Ken Tarver, left, tries to make a move around 721st Mission Support Group's Kameron Beckett, 6.



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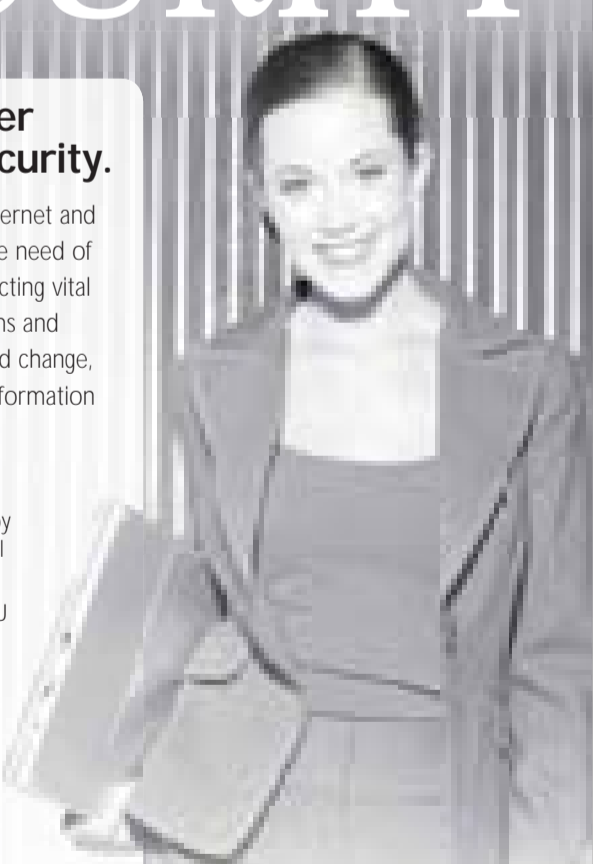
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Photo by Walt Johnson

Peterson's Mike Caldwell, second from left, who scored a team high 22 points, hauls in a rebound as he is surrounded by members of the F.E. Warren Air Force Base team during action Saturday at the base sports and fitness center. The Sabers won the game 76-66. The base team will host Buckley Air Force Base at 2 p.m. Saturday.

Over 30 League Standings

Here are the standings for the Over 30 and competitive leagues as of Jan. 17

Competitive league

721st Mission Support Group	7-1
21st Contracting Squadron	6-1
1st Space Battalion	6-3
21st Space Communication Squadron	5-3
21st Security Forces Squadron	5-3
21st LRS	4-5
21st Civil Engineer/Fire Department	3-6
721st SFS	3-6
JPPSO	0-7

Over 30 Monday and Wednesday

HQ AFSPC	9-1
21st Services	7-3
AFSPC/A1	7-4
AFSPC/A2	3-7
JIOC-N	2-5
76th SPC	1-9

Over 30 Tuesday and Thursday

Det 4 AFOTEC	8-1
HQ AFSPC/IG	6-3
Team Colorado	5-5
USNORTHCOM Navy	4-5
21st CES	4-6
Norad/J3	2-3
21st CONS	1-7

TWO-MINUTE DRILL

Ring of Fame Nominations

The Peterson Sports and Fitness Center is accepting nominations for the Ring of Fame, an award honoring distinguished Peterson Complex athletes who have excelled in various sports. Nomination packages may be picked up at the fitness center. All nominations must be received by the Fitness Center no later than May 25. Those selected will be recognized with a photograph and a plate inscribed with their accomplishments, both of which will be displayed in the main hallway of the fitness center.

Winners will be announced at noon June 14, Sports and Fitness Day, in the Fitness and Sports Center. For more information, call Tech. Sgt. Jason Merriam, 21st SVS/SVMP, at 556-6240.

Super Bowl Party

Fort Carson's Special Events Center will host a Super Bowl party, including showing the game on a 25-foot video screen, Feb. 4.

The party will feature an appearance by members of the St. Louis Rams cheerleading team, who will be available for autographs and photo opportunities beginning at 2 p.m.

Complimentary pizza and Pepsi will be served to the first 1,000 Military ID card holders. No coolers or lawn chairs will be allowed at the event.

Academy Men's Basketball Schedule

- 1/27 at BYU 4 p.m.
- 2/03 vs. Wyoming 1 p.m.
- 2/06 at San Diego State 8 p.m. PT
- 2/10 at New Mexico 3:30 p.m.
- 2/14 vs. Utah 8 p.m.
- 2/17 vs. Colorado State 3:30 p.m.
- 2/20 at UNLV 7 p.m. PT
- 2/24 at TCU 1 p.m. CT
- 2/27 vs. BYU 7 p.m.

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