



Space Observer

"2003 AFSPC Best Large Wing PA Office"

Thursday, July 29, 2004

Peterson Air Force Base, Colorado

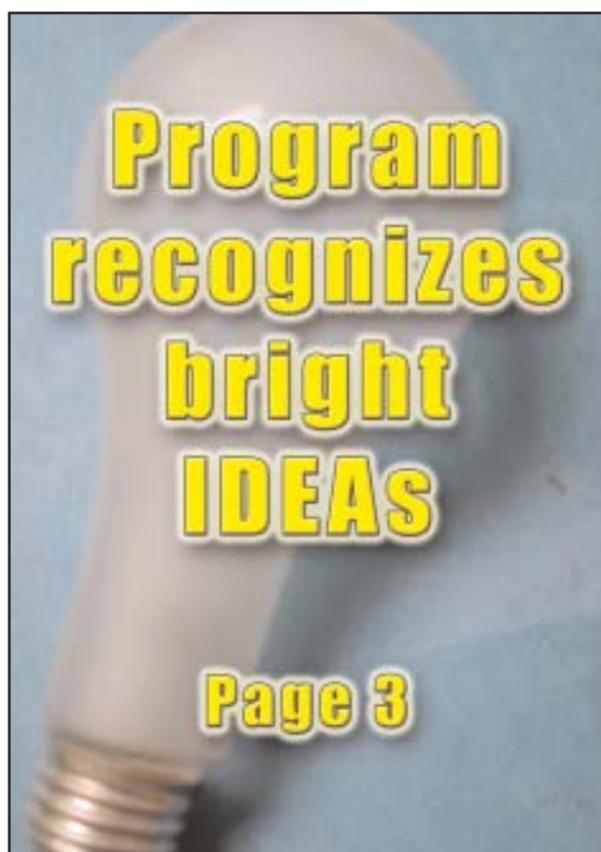
Vol. 48 No. 30



C-130 Reserve unit carries heavy mission

Pages 10-11

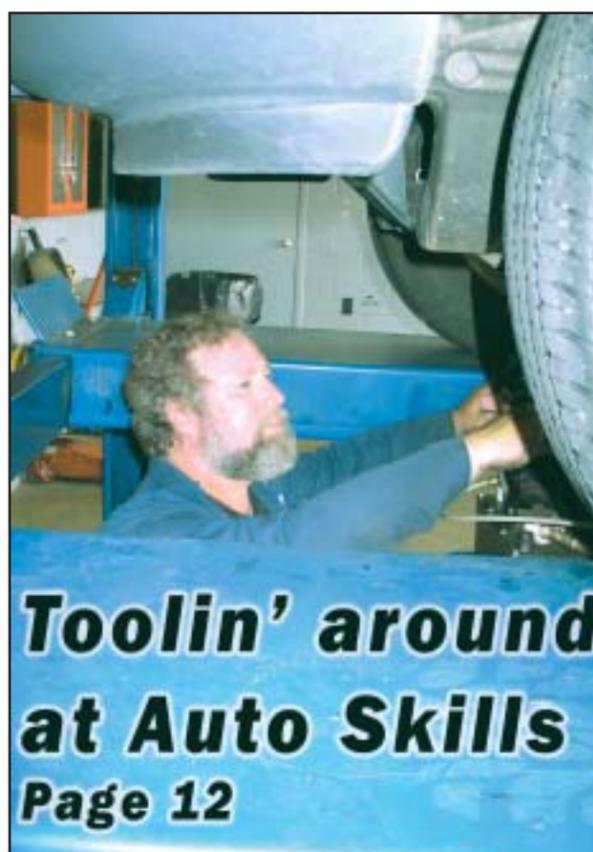
Courtesy photo



Program recognizes bright IDEAS

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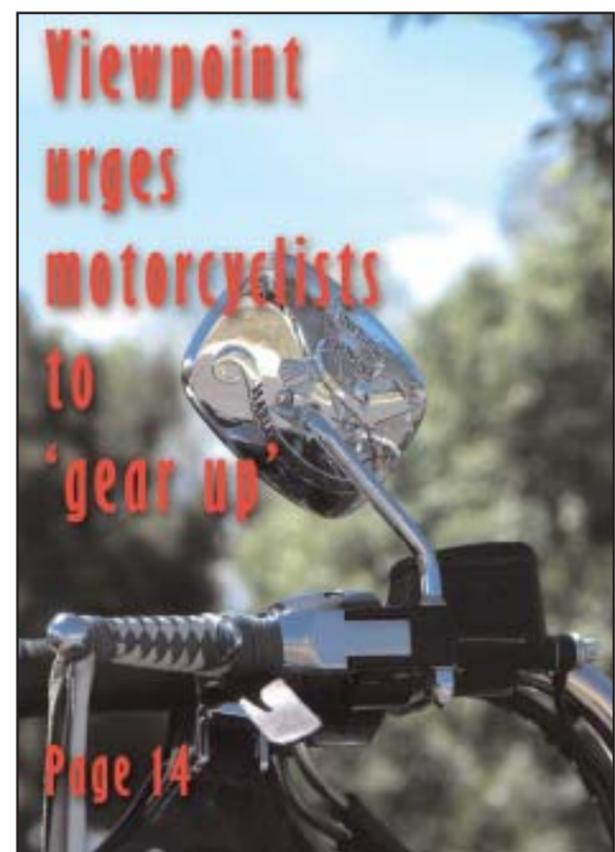
Photo by Staf Sgt. Sue Mrowiec



Toolin' around at Auto Skills

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Photo by Airman Mandy Weightman



Viewpoint urges motorcyclists to 'gear up'

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Photo by Duncan Wood

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Straight Talk Line 556-9154



Senior leader offers views on leadership

Editor's note: The following is a commentary from Chief Master Sgt. Gerald R. Murray, chief master sergeant of the Air Force.

Leadership has always been deeply seeded in the soil of our Air Force. From the early leaders who transitioned us from the Army Air Corps into a separate service, to those who lead our Airmen on today's battlefields around the world – strong, committed leadership has always been essential to our combat capability.

We must continuously improve the way we mature and develop our Airmen to lead, so they will be best prepared to meet the demands of the future. Force Development gives us a framework in which to do that.

It allows us to take the great capability of our Airmen and couple it with the right education, training and experience to produce world-class leaders – our Airmen deserve nothing less.

For the first time, the essence of Air Force Leadership and Force Development has been captured and published in a core doctrine document – AFDD 1-1. This recently created document formally establishes, the leadership levels – Tactical, Operational and Strategic – and the force development principles that apply to all Airmen serving in our Air Force. It provides the correct focus for leaders at all levels and provides the foundation for leadership development across

the Air Force.

Please don't let the word "doctrine" scare you off. The information is readable, credible and extremely relevant for today's Airmen, regardless of rank or position. I encourage each of you to take the time to read it and digest it. Within the doctrine, you should be able to find yourself in your current role and be able to apply the principles described to your mission today.

It is through our leadership today that future generations will continue to serve in the greatest Air Force in the world. AFDD 1-1 is available electronically at: <http://www.e-publishing.af.mil/pubfiles/afdc/dd/afdd1-1/afdd1-1.pdf>.

New commander takes control at Mountain

By Airman Mandy Weightman
21st Space Wing Public Affairs

As a captain nine years ago, he was stationed at Cheyenne Mountain Air Force Station as a deputy crew commander. In a change of command ceremony July 13, Lt. Col. Mark Vidmar took command of the 1st Space Control Squadron at CMAFS.

Lieutenant Col. Scott Shepherd has been the 1st SPCS commander since July 2002. He will be attending a National Defense Fellowship, at the Congressional Research Service.

Colonel Vidmar was stationed at CMAFS from November 1995 to July 1997 as the space control officer and deputy crew commander in the space control center.

"It is altogether fitting that former

crew members come back to take command of units, because the vision is that we leverage experience and develop expertise among our leadership," said Colonel Mark Vidmar, 1st SCS commander. "As a former crew member in the Space Control Center, I'm delighted that I'm getting the opportunity to be a part of fulfilling this vision by coming back as the commander."

Colonel Vidmar is excited to be back at CMAFS as a commander.

"I'm honored, humbled and excited to have the opportunity to take command of such an outstanding unit," Colonel



Vidmar said.

Prior to his current assignment, he was the chief of Western region weapons and tactics for the 14th Air Force at Vandenberg Air Force Base, Calif., from January 1998 to February 2000. Colonel Vidmar also served as the executive officer to the commander for the 14th Air Force

at Vandenberg AFB.

Colonel Vidmar earned Bachelor of Science degrees in mathematics and operations research from the U.S. Air Force Academy in 1986. In 1990, he earned his Master of business administration from the University of West Florida. He completed the Squadron

Officer's School at Maxwell AFB, Ala., in 1992 and the Air Command and Staff College in 2000.

Colonel Vidmar has been a distinguished graduate numerous times, to include at the Undergraduate Space and Missile Training, the Joint Air Operations Staff Course and he was an outstanding graduate as well as distinguished graduate at the U.S. Air Force Weapons School, where he was also a Robbie Risner Trophy nominee.

His major military awards and decorations include: the Defense Meritorious Service Medal; Meritorious Service Medal with three oak leaf clusters; Air Force Commendation Medal with two oak leaf clusters; Joint Service Achievement Medal; Global War on Terrorism Expeditionary Medal; and the Kosovo NATO Medal.



Courtesy photo

Wing commander visits 6th SWS

Brig. Gen. Richard E. Webber inspects reel-to-reel tape drives during a recent visit to the 6th Space Warning Squadron's PAVE PAWS facility at Cape Cod Air Force Station, Mass. The general observed new equipment in the Computer Maintenance Operations Center, where he was shown the complexity of the PAVE PAWS system's inner-workings. He was shown hands-on how the 66 active-duty Air Force members of the 6th SWS perform their vital missions of Missile Warning and Space Surveillance at the geographically separated unit.

Do you have an interesting or important job?

Everyone on Peterson Air Force Base has a unique mission. We would like to feature your office or shop in the "A Day in the Life" series, so people can learn more about how you contribute to Team Pete. To nominate your workplace, call the editor at 556-4351 or e-mail the Space Observer at space.observer@peterson.af.mil.

Space Observer

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A Moment in Time



■ **July 29, 1952** – An RB-45 assigned to the 91st Strategic Reconnaissance Wing flies from Elmendorf Air Force Base, Ala., to Yokota Air Base, Japan, making the first nonstop transpacific flight by a jet aircraft.

■ **Aug. 1, 1990** – Air Force Space Command establishes first space system infrastructure to directly support a military conflict. The satellite systems relay communications, provide meteorological data and detect short-range missile launches.

■ **Aug. 3, 1977** – Cadet 1st Class Edward A. Rice Jr. of Yellow Springs, Ohio, becomes the first African-American Cadet Wing commander at the U.S. Air Force Academy.



Photo by 1st Lt. Jennifer Tribble

Air Force's only tugboat underway

The United States Air Force Tugboat, TG-71-9001, is launched into North Star Bay. Assigned to Thule Air Base, Greenland, the vessel is the only tugboat in the Air Force inventory, servicing the world's northernmost deep-sea port. Operating through the two-month summer port season, the tugboat is utilized for running fuel hoses between DeLong Pier and docked tankers, deploying fuel spill containment booms if needed, pushing icebergs away from docked ships and helping ships maneuver in tight areas. The unique mission of the tugboat is essential for Thule, as sealift is the most cost-effective means of getting supplies to the base. The 821st Air Base Group operates and maintains Thule Air Base in support of missile warning and space surveillance operations missions, as well as satellite telemetry, tracking and control missions.



Photo by Dennis Plummer

'Hold on to your hats'

Amanda Wessel, the Girl of the West, and her aide, Amy Jo Fields, recently visited Team Pete to promote the Pikes Peak or Bust Rodeo Aug. 11-15. Rodeo tickets are available through TicketsWest at 866-464-2626 or www.ticketswest.com and at the World Arena box office, King Soopers, the Citadel Mall information booth, the Fort Carson Information Tickets and Tours Office and Independent Records. For more information on the Rodeo, visit www.coloradospringsrodeo.com.

'IDEAs' reward Team Pete members

By Amanda Braden
21st Space Wing Manpower

Eight Team Pete members earned awards in the third quarter of this fiscal year from the Innovative Development Through Employee Awareness Program.

The Air Force IDEA Program is a Web-based application that offers incentives to encourage both military and civilian members to submit their ideas to increase efficiency and effectiveness, save resources, or improve processes, equipment or products of the Air Force, Department of Defense and federal government. Awards for approved ideas range from a certificate to a \$10,000 cash award.

Daniel Wolbrecht, 21st Communications Squadron propagation systems chief, was awarded an IDEA certificate for the approval of his idea to use an existing building for the site location of the Peterson Trunking System rather than construct a new one. His idea avoided the expenditure of Air Force funds.

Maj. David Nuce, Senior Master Sgt. Charles Turner and Technical Sgt. James Franze, 21st Space Wing Inspector General's office, were awarded IDEA certificates for a database they created. Members of the 21st Space Wing can use the unclassified Joint Master Scenario Event List database to plan, execute and monitor base exercises. The group's idea will save countless man-hours.

Sharon Duell, 21st Services Squadron Fitness Center manager, was awarded \$200 for her idea, which was approved for optional implementation to post choking and cardio pulmonary resuscitation emergency instruction posters in all services facilities.

Maj. Darin Gibbs, 21st Logistics Readiness Squadron, was awarded \$200 for his idea, which was approved for optional

use and recommended for wider use, to mark moving conveyor belts with a zigzag pattern to improve the safety of this equipment.

Capt. Keith Jansa, 76th Space Control Squadron weapons and tactics chief, was awarded \$200 for his idea that was approved for optional implementation, to hardwire a lighting system to telephones in secure areas. This provides visual identification of unsecured telephone lines in these areas where an increased level of security is required.

"Protecting our nation's security has always been important to me, especially when dealing with classified information," Captain Jansa said. "This is why I chose to submit the idea to mitigate the chances of passing classified information while individuals are on a unclassified phone call."

Capt. Aaron Bass, formerly of 1st Space Control Squadron and currently assigned at Ft. Meade, Md., saved the Air Force \$71,320 and was awarded \$10,000 for the approval and implementation of his idea to use the Space Event and Reentry Tracking Software, he created at the 1st SPCS.

"I started developing computerized tools to streamline operations at the Fourth Space Operations Squadron I brought that experience with me to the First SPCS," Captain Bass said. "When I saw the Space Control Center tracking mission critical items on dry-erase boards, I knew I could improve their situational awareness."

"After a few hundred hours of work, I gave them a program that tracked their ops status, gave spoken prompts for pending tasks and interfaced over the network to allow remote computers to see the current operational picture in real time."

For more information or to submit an idea, visit <https://ideas.randolph.af.mil>.

Team Pete's ups and downs of energy conservation

By Airman Mandy Weightman
21st Space Wing Public Affairs

Electricity and water – two resources most people couldn't imagine living without.

But we need to learn to conserve them to keep them readily available.

"When it comes to electricity, we are supposed to be at 28 percent below our 1985 goals," said Tim Pugh, an electrical engineer with the 21st Civil Engineer Squadron who is in charge of energy conservation for Peterson Air Force Base. "We are currently at a 65-percent increase."

At the workplace, simple things such as turning off unused or unnecessary electrical equipment helps tremendously.

While at home, there are many simple things that can be done to conserve electricity.

Keeping the sun out by closing blinds or curtains during the day and raising the temperature a few degrees on the air conditioner when the home is unoccupied are a few examples.

"Another resource to be concerned with this year and the past few years, obviously is water," Mr. Pugh said.

Peterson's water restrictions and goals for water conservation are parallel with those set by the city of Colorado Springs. In past years, Peterson has met the goal set by the city and is on track to meet that goal again this year.

"With the drought, the water restrictions should last another year or two," Mr. Pugh said.

There are numerous ways to conserve water on Peterson; some aren't well known. One way is to raise the blade on your lawn mower to at least 3 inches, which allows the grass to be higher cut. This

encourages roots to grow deeper, shades the root system and holds moisture better than a closely clipped lawn.

Sweeping driveways and sidewalks with a broom instead of using a hose is also an effective way to conserve water.

"Even though Peterson isn't meeting all its goals set for energy conservation, there are good programs in place," Mr. Pugh said. "Peterson is doing well."

The energy conservation team has a motto "there are no silver bullets in saving energy – everyone has to do their own share."

Andy Vehige, the 21st Space Wing energy manager said that this saying fits perfectly.

"Just one person doing their part doesn't make much of a difference in conserving energy, but if 7,000 people do their parts, it makes a big difference," Mr. Vehige said.



BASE LIMITS

PEDESTRIAN TRAFFIC

Beginning Wednesday, pedestrian traffic will no longer be permitted through the North Gate between 7 p.m. and 5 a.m. Pedestrians entering or exiting the installation between these hours should use the West Gate.

SCHRIEVER AFB

CDC ANNOUNCES

COOK OPENING

The Schriever Air Force Base Child Development Center has an opening for a full-time cook. Pay is \$9.33 per hour with benefits, Monday through Friday. Applications should be submitted by Friday. For more information and application requirements, call 567-4737.

FINANCE OFFICE, 21st CPTS ANNOUNCE CLOSURE

The Finance Office and the 21st Comptroller Squadron closes at noon today due to an official function.

AIR WAR COLLEGE

HOLDS SEMINAR

The Air War College will hold its first planning meeting 3 p.m. Monday at the Education Center, Room 102. The AWC Nonresident Program is enrolling eligible officers, grades 0-5 and above, and federal employees above GS-13 for the new 2004-2005 Seminar method. Topics include joint operations, senior leadership, national security strategy, regional studies and the employment of air and space power. Those interested should apply online at www.au.af.mil/au/awc-ns.htm.

TECHNOLOGY EXPO

The 721st Communications Squadron will host a technology exposition from 10 a.m. to 2 p.m. Wednesday at the Officers' Club. Displays will include Information Assurance and security technology, mobile computing and hardware, software and services. For more information, call 1st Lt. Garrett Best at 474-2193.

TEAM PETE, SCHRIEVER

WELCOME NEW

SENIOR NCOs

There will be a senior NCO Orientation for all master sergeant selects held through Friday, concluding with an Induction ceremony. All selects from Team Pete and Schriever Air Force Base are invited to attend the events, which include an orientation seminar and formal induction ceremony. The orientation seminar is at the NCO Academy through Friday. The induction ceremony is at the Officers' Club Friday. Cocktail hour begins at 6 p.m. with dinner at 7 p.m. The guest speaker will be Chief Master Sgt. Michael Morey, 20th Air Force command chief. Team Pete members can make reservations by calling Master Sgt. Bea Macliz at 556-6794 or Master Sgt. Steve Kjonaas at 556-6574. Schriever members should call Senior Master Sgt. Randy LaCombe at 567-2540 or Master Sgt. Kenny Dean at 567-6371.

MEDICAL GROUP

UNDERGOES EVALUATION

The Joint Commission on Accreditation of Healthcare Organizations con-

ducts an accreditation survey of the 21st Medical Group Aug. 17 and 18 to evaluate the organization's compliance with nationally established standards.

The survey results determine the conditions under which accreditation should be awarded to the organization. Anyone with pertinent information may request a public information interview with the commission's field representatives at the time of the survey. Interview requests must be made in writing and sent to the commission at least five working days before the survey begins.

Requests should be sent to the Division of Accreditation Operations Office of Quality Monitoring Joint Commission on Accreditation of Healthcare Organizations, One Renaissance Boulevard, Oakbrook Terrace, IL 60181, faxed to 630-792-5636 or e-mailed to complaint@jcaho.org

SUPPORT STAFF

REQUIRES TDY CHECK IN

The 21st Mission Support Squadron Commander's Support Staff is the servicing orderly room for the 21st MSS, 21st Mission Support Group, 21st Space Wing, North American Aerospace Defense, U.S. Northern Command, 614th Space Communications Squadron, Detachment 7 Civil Air Patrol and the Defense Courier Service. They are responsible for updating all duty status changes for respective organizations. It is imperative that any member departing for temporary duty checks in with the unit orderly room prior to departure. For more information, call 1st Lt. Cameron Jackson, 21st MSS section commander at 556-4682.

Chapel Schedule



Protestant Worship

Services:

- Liturgical Service, 6:30 p.m. Sat.
- Liturgical Worship Service, 6:30 p.m. Sat.
- General Protestant Worship Service, 11 a.m. Sun.
- Gospel Worship Service, 12:30 p.m. Sun.
- Contemporary Worship Service, 5 p.m. Sun.

Catholic:

- Weekday Mass, 11:35 a.m. (except Monday)
- Saturdays, 5 p.m.
- Sundays, 9:30 a.m.
- Reconciliation Saturdays, 4 p.m.

**For more information - Call the chapel at 556-4442 for available chapel programs.

Navstar GPS makes first launch in 1978

The Navstar Global Positioning System is a constellation of orbiting satellites that provides navigation data to military and civilian users all over the world. The system is operated and controlled by the 50th Space Wing, at Schriever Air Force Base, Colo.

GPS satellites orbit the earth every 12 hours, emitting continuous navigation signals. With the proper equipment, users can receive these signals to calculate time, location and velocity. The signals are so accurate, time can be figured to within a millionth of a second, velocity within a fraction of one m.p.h. and location to within 100

feet. Receivers have been developed for use in aircraft, ships and land vehicles, as well as for hand carrying.

GPS provides 24-hour navigation services including:

- Extremely accurate, 3-D location information for latitude, longitude and altitude and also velocity and precise time
- A worldwide common grid that is easily converted to any local grid
- Passive all-weather operations
- Continuous real-time information
- Support to an unlimited number of users and areas
- Support to civilian users at a slightly less accurate level

The GPS constellation is designed and operated as a 24-satellite system, consisting of six planes, with a minimum of four satellites per plane.

The Delta II expendable launch vehicle is used to launch GPS satellites from Cape Canaveral Air Station, Fla., into nearly 11,000-mile orbits. While circling the earth, the systems transmit signals on two different frequencies. Their design life is 7.5 years.

The GPS Master Control Station, operated by the 50th Space Wing's 2nd Space Operations Squadron at Schriever AFB, Colo., is responsible for monitoring and controlling the GPS satellite constellation. The GPS-dedicated ground system consists of five monitor

stations and four ground antennas located around the world. The monitor stations use GPS receivers to passively track the navigation signals on all satellites. Information from the monitor stations is then processed at the master control station and used to update the satellites' navigation messages.

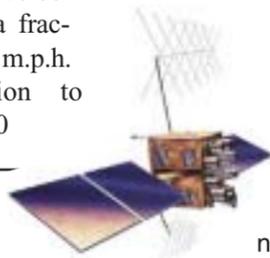
The master control station crew sends updated navigation information to GPS satellites through ground antennas. The ground antennas are also used to transmit commands to satellites and to receive state-of-health data or telemetry.

The GPS Program Office is significantly enhancing many of the functions provided by current positioning and navigational equipment, and will result in

greater accuracy at lower cost. Functions such as mapping, aerial refueling and rendezvous, geodetic surveys and search and rescue operations will benefit.

Such capabilities were put to the test during the United States' involvement in operations Desert Shield and Desert Storm. Allied troops relied heavily on GPS to navigate the featureless Saudi Arabian desert. Forward air controllers, pilots, tank drivers and even cooks used the system successfully.

Air Force Space Command's Space and Missile Systems Center at Los Angeles AS, acts as the executive agent for the Department of Defense in acquiring GPS satellites and user equipment.



Navstar GPS Specifications:

Primary Function: Precise navigation, timing and velocity information worldwide

Primary Contractors: Block IIA, Rockwell International (Boeing North American); Block IIR, Lockheed Martin; Block IIF, Boeing North American

Power Plant: Solar panels generating 800 watts
Block IIA dimensions: Width 11 feet, 4 inches; length (including wingspan) 17 feet, 4.6 inches; weight 3,670 pounds

Block II R dimensions: Width 5 feet, 10 inches; length (including wingspan) 37 feet, 5 inches; weight 4,480 pounds

Design life: Block II/IIA, 7.5 years; Block IIR, 10 years

Date of First Launch: 1978

Launch vehicle: Delta II

Orbit: 11,000 miles

Date Constellation Operational: July 1995 (at full operational capacity)



An answer to a prayer

By **Cindy Lou Parry Coleman**
21st Space Wing family member

Base Fire Chief, Chief Master Sgt. Rod Coleman and I have a son, Cody Prime Coleman, who was born with Down Syndrome. In June 1999, he had open heart surgery to repair an Atrial Septal defect in the upper right chamber of his heart. On Oct. 4, 2000, Cody was diagnosed with Acute Lymphocytic Leukemia. He received chemotherapy for three years on a daily basis. It has been a very long journey.

Chemotherapy causes children, teenagers and adults to have very depressed immune systems. We have had to be very careful not to expose our son to other children and we very rarely take him to public places. These children can't be in the sun for more than five to 10 minutes a day because the chemotherapy can cause rashes and other problems.

In March 2002, cadets at the U.S. Air Force Academy chose Cody to be one of two recipients of the funds raised at the Wing Open, which is a boxing tournament held each year at the Academy. The funds given go toward the family's needs. Boxing Coach Ed Wiechers Jr. and the cadets were so wonderful to our family. They made us feel like they really understood the pain our family was going through and they wanted to help. It was a very positive,

surreal experience – an evening we will never forget.

At times, I have felt like a prisoner in my own home. After many prayers, asking God to help me, he answered my prayers. One morning in December 2002, God gave me the most amazing idea. He told me to go build an indoor playground and learning center for children and teenagers with depressed immune systems.

I called Mr. Wiechers and told him about this amazing idea God had given me. He thought it was a wonderful idea, but advised me that the cadets make the decision of who will be the recipients of the Wing Open. He told me to call Jennifer Stallenberg, the cadet in charge of the Wing Open in 2003. The money raised at the Wing Open in both 2003 and 2004 was given to the Rocky Mountain Childhood Cancer Foundation, a non-profit organization, this made it possible for us to build "The Hideout at Cody's Camp." It is the first of its kind in the United States.

Cadet Jennifer Stallenberg put me in contact with Peggy McKinney, the Chief Executive Officer of the Cancer Center of Colorado Springs. Peggy loved the idea. She suggested the location of the indoor playground and learning center be across the hall from Childhood Hematology Oncology Associates. Dr. Bruce Cook and his staff are the best, and our son Cody loves all of

them. Prior to having a private practice in Colorado Springs, Dr. Cook served as a doctor in the Army for more than 20 years.

There are about 30 military families being seen by the Cancer Center of Colorado Springs and CHOA. We will have a grand opening for "The Hideout at Cody's Camp", at 320 East Fontanero Sept. 12 from 1 - 4 p.m. We invite you to come celebrate with us.

I would like to thank all the military members who have volunteered and been so supportive. The combined Officers and Enlisted Wives Clubs at Peterson Air Force Base donated \$500. Thank you for making a positive difference in the lives of these children and their families by giving



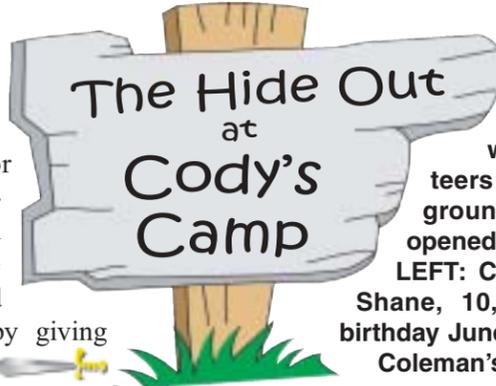
Photo by Airman Mandy Weightman

ABOVE: Ayana Kjonaas, 6, daughter of Master Sgt. Steve Kjonaas, a 21st Civil Engineer Squadron firefighter, helps stain wood as one of the playground's finishing touches. The whole family showed up along with other volunteers to get the playground ready to be opened.



Photo by Cindy Lou Parry Coleman

LEFT: Cody, 7, and brother Shane, 10, celebrate Cody's birthday June 4, at a party in the Coleman's house.



Air Force Intern Program develops future leaders

The Air Force Intern Program Central Selection Board will convene Sept. 20-24. The program lets 30 junior captains study the application of air and space power and observe senior Department of Defense leadership in critical decision making processes. AFIP is a fast-paced 18 to 24 month program that is designed to develop tomorrow's leaders. While the program is available to both line and non-line officers a maximum of three slots are available to non-line officers.

"AFIP is another great opportunity for young officers to continue their development," said Capt. William Schlichtig, chief of the Developmental Education Section. "It's a method of preparing our very best officers for future key leadership positions."

The program combines hands-on experience as an intern in the offices of the joint chiefs of staff, secretary of defense or the Air Staff as well as an opportunity to earn an Air Force-funded master's degree in organi-

zational leadership from George Washington University.

"Selection for AFIP is based on potential for greater achievement as demonstrated by an officer's ability to handle more challenging jobs," Captain Schlichtig said.

The program consists of two phases for interns not enrolled in George Washington University and three phases for those interns enrolled in the GWU program. The program lasts between one and two years.

Officers incur a three-year active duty service commitment upon completion of the program. Officers who have not attended Squadron Officer School in-residence prior to AFIP will be allotted quotas to attend the school prior to attending the program.

For application instructions and more information, visit the Officer Professional Development website at <http://www.afpc.randolph.af.mil/pme/>.

(Courtesy of Air Force Personnel News Center)

Personnel Corner

Mission Support Squadron announces closure

The 21st Mission Support Squadron is scheduled to close from 11 a.m. to 4 p.m. Aug. 6 for a unit function.

Test-Pilot board to convene

The United States Air Force Test-Pilot School Selection Board is scheduled to convene Nov. 15 at Air Force Personnel Command, Randolph Air Force Base, Texas. The USAF test-pilot school is the world's premier fixed-wing test-pilot school. Pilots, navigators and engineers are trained to test and evaluate the newest aircraft and weapons systems. Applicants from all aircraft types and backgrounds must have strong academic and technical experience and a desire to help develop the next generation of Air Force weapons' systems. For more information visit <https://www.edwards.af.mil/tps>.

Immigration and Naturalization fees to change

United States Citizenship and Immigration Services has announced a change in application and fingerprint fees. All fee requirements for military

members will be discontinued as of Oct. 1. For others, between now and Oct. 1, USCIS will be raising the current Application fee from \$260 to \$315 and from \$50 to \$70 for fingerprints, depending upon governmental approval. When new fees are in effect, USCIS will return applications that do not have correct fees included.

Uniform Board results announced

Chief Master Sgt. of the Air Force Gerald R. Murray has rendered the following decisions concerning the 96th Air Force uniform board that met on June 18-19, 2003. Voting members included representatives from designated air staff directorates, each major command, Air Force Reserve, National Guard and the Chief Master Sergeant of the Air Force. Non-voting members included representatives from the Army and Air Force Exchange Services, Air Force clothing office and Defense Supply Center Philadelphia. Some examples of approvals include:

- Authorize only black scarf to be worn with all blue uniform combinations when wearing the lightweight blue jacket and overcoat, delete all other colors
- Authorize the lightweight blue jacket to be

worn indoors

- Establish a standardized AF Physical Training uniform

- Authorize only one small black, non-descriptive personal digital assistance, pager, or cellular phone at a time be worn on the uniform belt

- Allow females to wear small black spherical earrings when in uniform

- Authorize wear of a backpack over both shoulders

- Redesign of Security Force's Beret

Contact your unit orderly room for a list of all approvals and disapprovals.

Military cardholders' responsibilities

Members of the 21st Space Wing Military Personnel Flight remind those who have identification cards to carry the card at all times. Members must surrender the card when a military authority requires it for identification or investigation or when in confinement. Military members are required to attempt to retain their ID card, if captured as a prisoner of war. Notify the local military personnel flight when there is any change in status that might affect card holders' benefits.

21st Space Wing Mission Statement

Provide combat capabilities
through missile warning, space surveillance,
space control, and expeditionary forces of globally based units

21st Space Wing Vision Statement

Total & Combined Force professionals providing unsurpassed
missile warning, space surveillance, space control, and
expeditionary forces to combatant commanders worldwide

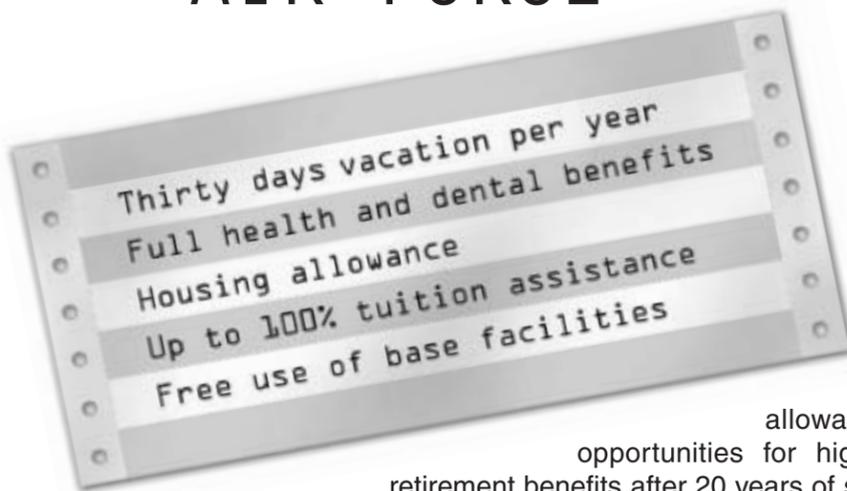
WELCOME TO THE AIR FORCE



U.S. AIR FORCE
CROSS INTO THE BLUE

And that's just the beginning. Once you enlist, you'll also receive a good starting salary with regular pay raises, tax-free housing and food

allowances. Not to mention opportunities for higher education and full retirement benefits after 20 years of service. Visit our Web site at AIRFORCE.COM or call 1-800-423-USAF.



The new Air Force Uniform



... Know the facts

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questions, letters, and photos.

Blotter

The following real-life events with real individuals from around Peterson are to inform you of crimes, accidents, and events occurring on base. These entries are from hundreds recorded in the Peterson Police Blotter:

*** Editor's note: Although the Space Observer staff may make light of some blotter entries, the intent is to call attention to our security and law enforcement concerns. However, rest assured, our professional Security Forces treat each incident seriously.*

BUCKLE UP – July 16

Security forces detained a driver at the West Gate. The woman was operating a vehicle with young passengers inside who were not in car seats or wearing safety belts. The entry controller stated she had cited the woman on an earlier date for the same offense. The Colorado Springs Police Department responded to the scene and issued a summons for failing to use child restraints.

UNDERAGE IMBIBER – July 17

Security forces responded to a report of underage drinking in Dormitory 1164. Responders detained the sashed suspect following a full dorm inspection. The suspect appeared disorderly, sleepy and smelled of alcohol.

Further investigation revealed the dorm dweller had previously been apprehended for drinking underage.

He was transported to the U.S. Air Force Academy Hospital for blood testing.

FOUL FIASCO – July 19

Security forces responded to a report of vehicle damage at a softball field on base. The caller complained that the windshield on his parked car was broken when a foul ball smacked into it during the game. The sour spectator notified security forces when the batter refused to step up and admit causing the damage.

EAGLE EYES – July 20

A military member alerted security forces to some suspicious activity outside the North Gate. A vexing videographer was seemingly filming the installation's entry control point.

Upon questioning, the flummoxed filmmaker explained he was taping local military installation control points for an awards program to be shown at the Pikes Peak or Bust Rodeo.

GATE CRASHER – July 20

Patrollers responded to a report of a driver running the North Gate. The car turned east on Paine Street as enforcers shut down all exit points around the base.

Security forces stopped the vehicle near the 1st Army Space Battalion. The driver revealed he thought he had been waved through by entry controllers.

SPEEDY SUSPECT – July 21

Patrollers at the West Gate initiated a traffic stop on a military motorist exiting the installation. Law enforcers stopped the racing roadster as he sped through the entry control point. The suspect reportedly had glossy eyes and smelled faintly of alcohol. He admitted to consuming one alcoholic beverage that evening. Field sobriety tests revealed no probable cause.

ALARMING TRENDS CONTINUE:

In addition to these entries, there continue to be too many illegitimate alarm activations on base. Among those noted this week were three activations due to human error.

*** If you have any information on a crime or any of these blotter entries, report it to Security Forces at 556-4000.*

Reserve wing here vital to Air Force mission



By Senior Airman Shawn Clements
21st Space Wing Public Affairs

They are the only Air Force Reserve Command flying unit in the state and they're the largest tenant unit on Peterson. With more than 1,300 reservists and 240 full-time members assigned, the 302nd forms 1 of 12 C-130 Reserve units in the United States.

While the 302nd Airlift Wing's main mission is to train, equip and employ airlift forces in worldwide support of the nation's vital interest, that's not all they do. "The wing also supports the

U.S. Forest Service by performing Modular Airborne Firefighting System missions. We air-drop fire-retardant chemicals in front of fires to help contain them, so firefighters on the ground can do their job," said Maj. P.J. Depalma, 731st Airlift Squadron pilot. "We are the only AFRC unit trained and equipped to do this."

The aircrew members couldn't perform any missions without help from the life support section.

Life support maintains and provides survival equipment and training to aircrew members.

"We ensure that aircrew members have everything they

need to survive in case of an accident," said Staff Sgt. Randy Proffitt, 731st AS life support technician. "We also train them on several different types of scenarios including ejecting from an aircraft, parachuting and surviving in cold water."

Maintainers also have a hand in getting the aircraft and crew off the ground.

The 302nd Maintenance Squadron professionals provide the aircrew flight-worthy aircraft, while also providing excellent support for transient aircraft, said Chief Master Sgt. Joe Vigil 302nd MXS

maintenance superintendent.

The wing owns 15 C-130s. The C-130 Hercules is a very reliable aircraft, so it is very easy to maintain. We also do yearly inspections on the aircraft to ensure that they are safe to fly, Chief Vigil said.

The inspections take three to five weeks to complete, during which the aircraft and its systems are checked.

"Teamwork is key when it comes to this wing," said Staff Sgt. Yvonda Lefebvre, 302nd MXS aircraft electrician. "I think these are the best people I've ever worked with."



Photo by Senior Airman Shawn Clements

The 302nd is the only Air Force Reserve Command flying unit in the state and is the largest tenant unit here. It's 1 of 12 C-130 Reserve units in the United States. There are 15 aircraft in the wing's fleet.



Courtesy photo

ABOVE: Master Sgt. James Rucker, 302nd Airlift Wing flight engineer, reviews a pre-flight checklist before takeoff. Flight engineers maintain electrical and fuel systems, and solve any problems that may arise while the aircraft is in flight.

RIGHT: Ed Neuman, 302nd AW aircraft structural maintenance technician, replaces rivets on an aircraft entrance and exit door. Routine maintenance is performed on the aircraft before each flight. Yearly inspections are also conducted, which take three to five weeks.



Photo by Senior Airman Shawn Clements



Courtesy photo

ABOVE: Members of the 302nd participate in an exercise to stay proficient for their potential deployments.

LEFT: A C-130 drops slurry over a fire in California during one of its Modular Airborne Firefighting System missions. The 302nd works hand in hand with the U.S. Forest Service. It is the only Reserve unit equipped to drop this fire-retardant. The 302nd has flown 256 missions this year and drops about 2,700 gallons of slurry during each one.



at your SERVICE

This Week

Today

- Play Group, 10:30 a.m. to noon at the Youth Center.
- Family Swim Night, 6 p.m. at the Aquatics Center. ATWIND event.

Friday

- Social Hour, 5 to 7 p.m. at the Enlisted Club.

Saturday

- Thunder Alley, 8:30 p.m. at the Bowling Center. ATWIND event.
- A triathlon, 7:30 a.m., participants should report to front desk in Fitness Center. ATWIND event. For more information, call 556-1515.

Sunday

- Use the Automotive Skills Center and get an ATWIND game piece.

Monday

- Water aerobics class, 6 p.m. at the Aquatics Center. ATWIND event.

Tuesday

- Family Swim Night, 6 p.m. at the Aquatics Center. ATWIND event.

Wednesday

- Eat the weekly ethnic meal at the Aragon Dining Facility and earn an ATWIND game piece.
- Aerobics class at 12:05 or 5:10 p.m. ATWIND event.

Helpful Numbers

Family Advocacy 556-8943
Education Center 556-4064
Library 556-7462
Community Center 556-7671
Aquatics Center 556-4608
Fitness Center 556-4462
Officers' Club 556-4181
Enlisted Club 556-4194
Youth Center 556-7220
Family Support 556-6141
Red Cross 556-9201
Outdoor Recreation 556-4487
Golf Course 556-7810

Auto Skills Center puts vroom back in your car

By Airman
Mandy Weightman
21st Space Wing Public Affairs

The Auto Skills Center on Peterson Air Force Base is available for active duty members as well as retired members, Reservists, National Guard, Civil Service, Department of Defense employees and their dependents. The ASC provides a place for them to work on their cars. It also offers a number of services to those not so mechanically inclined, and will help teach people who want to learn.

One of the many services they offer is rentals. They rent lifts for autos, steam cleaners, flat stalls, benches, bead blast cabinet, tire machines, wheel balances – both steel and aluminum and battery chargers.

They also offer battery charge system tests, turning drum and rotors, adjusting headlights, engine code retrievals, state emissions testing and vehicle identification number verification. Welding classes are held monthly as well.

Not only do they run the center, they also take care of the base carwash and the re-sale lot for used car sales.

In addition to these services, they hold events such as car shows and driving seminars.

The next seminar they are holding is the Parent and Teen Driving Seminar Aug. 18 from 5:30 to 7:30 p.m. at the R.P. Lee Youth Center. There will also be a winter driving seminar in October, which is recommended to people new to the area without winter driving experience.

The center is open from 9:30 a.m. to 5 p.m. Sunday and Monday, from 8 a.m. to 7 p.m. Tuesday through Friday and from 8 a.m. to 5 p.m. Saturdays. It is located in building No. 640 between Truax Street and Tinker Street.

For more information, visit <http://autoskills.pafb.trpod.com> or call Calvin Gammon at 556-4481.



Photos by Airman Mandy Weightman
ABOVE: Senior Airman Edwin Medina, a GPS satellite system operator for 1st Space Operations Squadron, changes the rotors and brake pads on his car at the Auto Skills Center here.

LEFT: Major Dan Mosqueda, crew commander at Air Force Space Command's Command Center, closes the brake fluid reservoir and wipes up the excess fluid as he finishes working on his brakes.



ARAGON DINING FACILITY MENU

Today

Lunch:

Orange-Spiced Chops
Liver with Onions
Tempura Fried Fish
Rissolle Potatoes
Steamed Rice
Broccoli
Peas and Carrots
Wax Beans

Dinner:

Mr. Z's Baked Chicken
Pepper Steak
Pasta Primavera
Mashed Potatoes
Steamed Rice
Mixed Vegetables
Fried Okra
Greenbeans

Friday

Lunch:

Baked Fish
Beef and Corn Pie
Roast Turkey
Franconia Potatoes
Pea and Pepper Rice
Corn on the Cob
Stewed Tomatoes
Mustard Greens

Dinner:

Simmered Corn Beef
Pineapple Chicken
Yankee Pot Roast
Crispy Potato Wedges
Simmered Potatoes
Fried Cabbage
Carrots
Black-eye Peas

Saturday

Brunch:

Baked Fish
Hungarian Goulash
Barbeque Chicken
Parsley Buttered Potatoes
Steamed Rice
Vegetable Stir Fry
Boston Baked Beans
Cream Corn

Sunday

Brunch:

Grilled Mustard Chicken Breast
Oven Fried Fish
Cantonese Spareribs
Baked Macaroni and Cheese
Egg Noodles
Sweet Potatoes
Broccoli Combination
Peas

Monday

Lunch:

Pot Roast
Baked Stuff Fish
Roast Loin of Pork
Oven Browned Potatoes
Steamed Rice
Cauliflower
Combination
Succotash
Green beans with Mushrooms

Dinner:

Chili Mac
Beef Cannelloni
Southern fried Chicken
Cottage Fried Potatoes
Mashed Potatoes
Steamed Squash
Glazed Carrots
Peas

Tuesday

Lunch:

Pot Roast
Baked Stuffed Fish
Roast Loin Pork
Oven Browned Potatoes
Steamed Rice
Cauliflower
Combination
Succotash
Green beans with Mushrooms

Dinner:

Chili Mac
Beef Cannelloni
Southern Fried Chicken
Cottage Fried Potatoes
Mashed Potatoes
Steamed Squash
Glazed Carrots
Peas

Wednesday

Lunch:

Teriyaki Chicken
Veal Parmesan
Salmon Cakes
Filipino Rice
Parsley Buttered Potatoes
Fried Cabbage
Succotash
Mixed Vegetables

Dinner:

Country Captain Chicken
Meat Loaf
Turkey a la King
Steamed Rice
Mashed Potatoes
Harvard Beets
Mustard Greens
Okra and Tomato Gumbo



Driving down death: *It's time for Airmen to take safety personally*

By Senior Master Sgt. Ty Foster

21st Space Wing Public Affairs

It's going to be a long, hot and deadly summer.

Here we are, about halfway through the Air Force's "101 Critical Days" safety campaign and we've lost 14 of our fellow Airmen. Fifty-nine have died this year, already surpassing the fatality count in 2003.

Why aren't we fully engaged in preventing these deaths? When it comes to assessing Air Force Class A Mishaps – accidents that involve death or permanent disability – maybe most people only look at the numbers. Maybe that makes death too abstract and impersonal. That is unless someone close to us dies.

Say you're the friend of the Air National Guard senior Airman who was out riding his motorcycle on Memorial Day. Your friend was in a curve, went left of the centerline and struck a pothole. You can only imagine what he might have been thinking as he ejected from his bike and hurtled into a guardrail. Even though he was wearing a helmet, he died.

If he were my friend, it wouldn't be impersonal. There wouldn't be anymore good times – going on rides, watching football, or just hanging out. He's gone.

But what can we learn from this tragic loss? Slow down, survey the road conditions and pick the best path. Speed is not necessary to enjoy a great motorcycle ride. If lowering your risk factors is not important to you, step out of selfish mode. Think of the others who'll be left behind when you've died in a preventable crash.

Our senior Airman friend is one of the Air Force's six motorcycle fatalities since "101 Critical Days" began.

On June 3, a Pacific Air Forces airman first class lost control of his motorcycle when a truck pulled onto the road from a side street. He fell off the motorcycle and slid under the truck, which ran over the Airman.

If you were the mother, father, sister or brother of that Airman, his death isn't impersonal. That's an empty



Photo by Duncan Wood

The 21st Space Wing Safety Office can coordinate a Motorcycle Safety Foundation Experienced Rider's Course. These classes are free for all active duty military and Department of Defense employees assigned to Peterson Air Force Base, Schriever AFB or Cheyenne Mountain Air Force Station.

place at the dinner table during a family get together. No father-son fishing trips. No grand-babies for mom to hold. No brotherly protection in a sister's time of need.

What can we learn from this family's loss? Be aware in our riding environment. Other vehicles on the road, seen and unseen, pose the greatest threat to our lives as motorcyclists. Recent studies have tied a nationwide increase in motorcycle fatality percentages to the increase in light-truck vehicles – sport utility vehicles included – that are sharing the roadways with us. Motorcyclists must be mentally alert and physically ready to respond to sudden traffic changes that threaten us.

A vehicle turning left in front of a motorcycle is the most common – and most deadly – scenario a rider can find himself in. On June 26, an Air Mobility Command Airman first class died when another driver

turned in front of him. In this crash, the Airman was not even wearing a helmet.

Does it hit you hard thinking about his wife standing before his flag-draped casket? When you look into his infant daughter's eyes, do you see her father?

How can we prevent this emotional misery?

Most importantly, wear all of the protective clothing and equipment the Air Force and Department of Defense require of us. As Air Force professionals, it doesn't really matter what we personally think about having to wear a Department of Transportation-approved helmet, impact-resistant eyewear, long sleeves, long pants, full-fingered gloves, sturdy footwear and a contrasting colored upper torso garment such as a reflective vest or jacket when we're riding on or off base.

We give up the "choice" – where state laws allow – whether or not we wear it. We're responsible to protect Air Force resources. We are resources. Even more importantly, we owe it to our family, friends and coworkers to make it back to work safely in one piece.

To do that, we have to have our head screwed on straight – no alcohol, no impairing medications and plenty of rest – to keep our No. 1 protective equipment tuned in and turned on. We have to protect our body by gearing up.

Gen. John Jumper, Air Force chief of staff, is concerned – as all of us should be – that we are losing Airmen at the highest rate in 10 years.

"Every day our superb Airmen demonstrate their professionalism and training in a dangerous profession," General Jumper wrote in his "101 Critical Days" kickoff message. "The same standards you embrace on the job pertain outside the gate as well.

"When you relax from the job, don't relax your good judgment," he said.

Take the time to talk to your people, your peers and your supervisors about safety. Take safety personally, you may save someone's life – maybe your own.





Photo by Budd Butcher

Swing away!

Timothy Chilton, 21st Civil Engineer Squadron fire inspector, drills the ball during a game against the 21st Medical Group. The civil engineers defeated the medical group 25-6. Softball games take place daily beginning at 5 p.m. at the softball fields.

Team Pete cracks bats

Competitive softball standings		3. 100th MDB	4	5	7. N-NC J8	3	6
American Division		4. HQ AFSPC/CE	4	7	8. USAF BAND	2	6
Team	W L	5. 721 SFS	2	7	9. Canadian Forces	1	9
1. 21 CES	8 1	Recreation softball standings		Division #2			
2. 21 OSS	8 2	Division #1		Team	W L		
3. CMOC	3 4	1. AFOTEC DET4	8	0	1. 21 CPTS/DS	8	1
4. 21 MDG	2 5	2. 21 SCS	5	1	2. AFSPC/CSS	7	1
5. 721 MSG	0 10	3. 21 SFS	8	3	3. 76 SPCS	4	3
National Division		4. 1 SPCS	6	4	4. ARSTART	3	5
Team	W L	5. 21 SVS	4	4	5. NORTHCOM J6	2	6
1. 21 SCS	8 1	6. Team Colorado	3	6	6. NORAD	1	5
2. Team Colorado	6 3			7. 544 IOG/SF	1	6	

Sports Shorts

Programs division at 556-4462.

Fitness Center announces flag football tournament

The Fitness Center is hosting a flag football tournament Sept. 7 through 9. For more information, call the Fitness Center Special

Intramural Bowling set to begin

The Peterson Air Force Base Intramural Bowling meeting begins at 3 p.m. Aug. 20 at the Enlisted Club ballroom. Attendees will discuss bylaws, instructions and teams. The league begins Sept. 8 through 10 at the Bowling Alley here. For more information, call 556-4607.



Enlisted Against Drunk Driving
719-556-6384 or 55-NO-DUI

