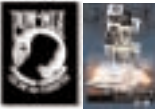




TERROR



<p>News</p>	<p>News</p>	<p>Sports</p>	<p>Straight Talk Line 556-9154 Call the 21st Space Wing Straight Talk Line for current information on wing events and exercises.</p>
			
<p>POW/MIA Day-Lest We Forget - Page 3</p>	<p>Space Command wrinkles Red Flag - Page 4</p>	<p>Champions of the links - Page 13</p>	

Statement by the President

Good evening. Today, our fellow citizens, our way of life, our very freedom came under attack in a series of deliberate and deadly terrorist acts. The victims were in airplanes, or in their offices; secretaries, businessmen and women, military and federal workers; moms and dads, friends and neighbors. Thousands of lives were suddenly ended by evil, despicable acts of terror.

The pictures of airplanes flying into buildings, fires burning, huge structures collapsing, have filled us with disbelief, terrible sadness, and a quiet, unyielding anger. These acts of mass murder were intended to frighten our nation into chaos and retreat. But they have failed; our country is strong.

A great people has been moved to defend a great nation. Terrorist attacks can shake the foundations of our biggest buildings, but they cannot touch the foundation of America. These acts shattered steel, but they cannot dent the steel of American resolve. America was targeted for attack because we're the brightest beacon for freedom and opportunity in the world. And no one will keep that light from shining.

Today, our nation saw evil, the very worst of human nature. And we responded with the best of America -- with the daring of our rescue workers, with the caring for strangers

and neighbors who came to give blood and help in any way they could. Immediately following the first attack, I implemented our government's emergency response plans. Our military is powerful, and it's prepared. Our emergency teams are working in New York City and Washington, D.C. to help with local rescue efforts.

Our first priority is to get help to those who have been injured, and to take every precaution to protect our citizens at home and around the world from further attacks.

The functions of our government continue without interruption. Federal agencies in Washington

which had to be evacuated today are reopening for essential personnel tonight, and will be open for business tomorrow. Our financial institutions remain strong, and the American economy will be open for business, as well.

The search is underway for those who are behind these evil acts. I've directed the full resources of our intelligence and law enforcement communities to find those responsible and to bring them to justice. We will make no distinction between the terrorists who committed these acts and those who harbor them.

I appreciate so very much

the members of Congress who have joined me in strongly condemning these attacks. And on behalf of the American people, I thank the many world leaders who have called to offer their condolences and assistance. America and our friends and allies join with all those who want peace and security in the world, and we stand together to win the war against terrorism.

Tonight, I ask for your prayers for all those who grieve, for the children whose worlds have been shattered,

for all those who sense of safety and security has been threatened. And I pray they will be comforted by agencies in Washington which had to be evacuated today are reopening for essential personnel tonight, and will be open for business tomorrow. Our financial institutions remain strong, and the American economy will be open for business, as well.

This is a day when all Americans from every walk of life unite in our resolve for justice and peace. America has stood down enemies before, and we will do so this time. None of us will ever forget this day.

Yet, we go forward to defend freedom and all that is good and just in our world. Thank you. Good night, and God bless America.

(Transcript from President Bush's address to the nation)

Eberhart on crisis

By Gen. Ed Eberhart
Commander in Chief U.S. Space Command

We are proud of the way you, the men and women of North American Aerospace Defense Command, United States Space Command and Air Force Space Command, responded to the tragedies on Sept. 11.

The skill and resolve you displayed in this time of crisis are a testament to the courage and dedication of our commands and the selfless spirit of our people.

We know each one of you will meet the difficult days ahead with confidence and determination, even as our thoughts and prayers remain with the victims of these cowardly attacks.

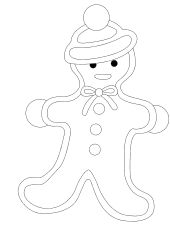
Hail from the chief

By Chief Master Sgt. Fred Schoettler
21st SWS Command Chief

With the Operational Readiness Inspection in full swing, I would like to take a moment to send out my personal thanks to the Red Cross those individuals who donated cookies and snacks for the members who processed the deployment line and to those members who work on the flightline marshalling cargo.

I can't tell you what this does for morale to our young troops. It lets them know they are a part of a team that cares. Again thank you to those who donated and to those who have helped out.

We had 20 dozen cookies set out on tables for those people processing the line and we took 30 dozen to the flightline.



Action line

What can be done to reinstate the women's Monday and Wednesday evening aerobics class?

The sessions will be on Mondays and Wednesdays, 6-7 p.m. Visit the Aquatics Center to register, or call 556-4608 for more information. If you have any further questions, please call Dan Schofield at 556-8969. Thanks for calling.

A new aqua aerobics class will begin in mid-September. Classes will be open to those who have access to the Aquatics Center.

Articles for the Space Observer should be submitted to the 21st SWPAA, Attn: Space Observer, 775 Loring Ave., Ste. 218, Peterson AFB, Colo., 80914-1294. Deadline for submission is 4:30 p.m. the Wednesday one week before publication. All articles, copy and announcements submitted will be edited to conform to AF1 Series 35 and the Associated Press Stylebook and Label Manual. For details, call the editor at (719) 556-7846 or DSN 834-7846.

Also, on page 9, the information for the picture of the 21st Communications Squadron marching to a commander's call was incorrect. The march was not directed by Col. Michael Selva, 21st Support Group commander. The march was the idea of and led by Lt. Col. Merryly Lallo, 21st Communication Squadron commander.

We apologize for any misunderstandings or confusion regarding these matters. If you have any questions, please feel free to contact us.

21st Space Wing
Commander
Brig. Gen. Bob Kehler
Chief of Public Affairs
Capt. Brenda Campbell
Superintendent
Master Sgt. D.K. Grant

Editor
Staff Sgt. Melanie Epperson
Staff Writer
Senior Airman Josh Clendenen
Airman Jessica Sanchez

Air Force activates two information hot lines

SAN ANTONIO—Two hot lines have been set up to provide Air Force information regarding the attacks in the United States.

The Air Force News Agency activated its toll-free telephone service at 1:30 p.m. CDT to answer general questions from family members about Air Force people.

Lines will be staffed continuously until further notice, and the number is (800) 253-9276.

Officials at the Air Force Personnel Center at Randolph Air Force Base, Texas, have activated a hot line to assist civilian or military members who evacuated from one of the incident sites and have lost contact with their units. These people should call (800) 558-1404.

News media are requested to call the Air Force Media Operations Center at (703) 588-1372 or 588-1005.

Published by the Gazette, 30 S. Prospect Street, Box 1779, Colorado Springs, 80901, a private firm in no way connected with the U.S. Air Force, under exclusive written contract with the 21st Space Wing. This commercial enterprise Air Force newspaper is an authorized publication for members of the U.S. military services. Contents of the Space Observer are not necessarily the official views of, or endorsed by, the U.S. Government, the Department of Defense or the Department of the Air Force.

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Editorial content is edited, prepared and provided by the 21st Space Wing Public Affairs Office, 775 Loring Ave., Suite 218, Peterson AFB, Colo., 80914-1294. All photographs are Air Force photographs unless otherwise indicated.

Vietnam War POW Heads Pentagon POW/MIA Recognition Day Ceremony set for Sept. 21

By Rudi Williams
American Forces Press Service

Orson G. Swindle III, who spent six years and four months as a prisoner of war in North Vietnam, is the slated keynote speaker at 11 a.m. Sept. 21 at the Pentagon National POW/MIA Recognition Day ceremony.

Swindle, a Federal Trade Commission commissioner, was shot down on Veterans Day, Nov. 11, 1966, while flying his 20th combat mission over North Vietnam. Captured and held prisoner by the North Vietnamese, he was released March 4, 1973.

He retired from the Marine Corps in 1979 as a lieutenant colonel with 20 military decorations for valor in combat, including two Silver Stars and two Bronze Star Medals, and two Purple Hearts.

Deputy Defense Secretary Paul Wolfowitz will host the ceremony. Attendees will include former POW's, veterans, service members and family members of servicemen missing in action.

The Army is this year's ceremonial host, a duty that's rotated among the four services.

The ceremony will involve military troop formations from each service, a joint color guard, a fly over and a cannon salute by the Army's Old Guard

from Fort Myer, Va.

"The purpose of events at the Pentagon, local installations worldwide, veterans' posts and in communities worldwide, is to honor and commemorate the sacrifices of former POWs, missing in action servicemen and their families," said Larry Greer, spokesman for the Defense POW and Missing Personnel Office. "The president will issue a proclamation, which will also honor former POWs, MIAs and their families."

The POW/Missing Personnel Office has received hundreds of calls from military units, stateside and overseas, asking for background information on POW/Missing Personnel Recognition Day, Greer said.

The office issued its annual POW/MIA poster this summer; various downloadable versions are on the Pow/Mia website at www.dtic.mil/dpmo/powday/pow_rec_day_01_poster.htm.

The Pentagon ceremony will also honor the seven Americans and nine Vietnamese who died April 7, 2000, when their helicopter crashed in Vietnam while searching for missing Americans.

"They were the first Americans who have died in the quest to recover remains of servicemen from any conflict," Greer noted. "We have teams all



Peterson POW/MIA Day events Sept. 20

- 7:30 a.m.—Reveille at the flag pole, invocation, wreath dedication and wreath explanation.
- 10 a.m.—Quiet hour at the Chapel.
- 11 a.m.—Names of the missing servicemen from Colorado, the Loneliest Prayer and Answer To, refreshments.
- 4:30 p.m.—Retreat and Echo Taps for the deceased POW's.

over the world doing this dangerous recovery work all over the world." Sixty sets of remains thought to be those of missing Americans have been

repatriated so far this year. Including 22 from World War II, 17 from the Korean War, 20 from Southeast Asia and one from the Cold War, Greer noted.

Air Force's new recruiting office

RANDOLPH AIR FORCE BASE, Texas—The Air Force opened a prototype recruiting office in San Antonio on Sept. 10 that will test new space and quality standards.

"This new office is designed from top to bottom to enhance the recruiting process," said Brig. Gen. Duane Deal, Air Force Recruiting Service commander. "This prototype is a direct outgrowth of internal reviews begun when the military services failed to make their goals in 1999. Our offices were often unappealing, often not conducive to the recruiting mission, and certainly not reflective of the excellence of our service."

"With this office, it's now clear the ergonomics allow a recruiter to effectively engage the applicant, and the appearance better reflects the fact that we are the professional and premier aerospace force in the world," he said.

"Air Force leadership would like to enhance recruiting offices to better attract potential recruits, parents, and supporters, and improve the quality of life and workspaces for hardworking Air Force recruiters," said Maj. Lea Duncan, chief of real estate and logistics for Air Force Recruiting Service. "The Department of Defense asked us to look at recruiting offices and study what could be done to improve them."

The Air Force typically rents retail space in towns and cities across America, with 90 percent of the offices collocated with other services' recruiting stations. Proposing joint space

and quality standards to facilities that were generally undersized, is challenging but worthwhile, Duncan said.

"We hired a contractor to build a prototype recruiting office and assess it for form, fit, function and furnishings," she said. "From that study, the contractor produced a design guide for space and quality standards."

The San Antonio office is the prototype office for the new space and quality standards. "The translucent and silver finishes with ergonomic seating and workstations reflect the sophistication and opportunities available in the world's greatest air force," said Courtney Gibb, an Air Education and Training Command interior designer. "The new shape should enhance the interview experience and is maintenance-friendly."

Recruiters like the new design. "This office is more conducive to recruiting," said Staff Sgt. Dan Hanus, an enlisted accessories recruiter at the new office in San Antonio. "Before, we had mismatched furniture and no privacy for the applicants. This is state-of-the-art and more reflective of the professional force we represent."

"It (the new office) reflects the excellence of the Air Force and is a good work environment for our recruiters," Deal said. "We have 1,050 offices right now, going up to 1,077, and we want to try and make all of them have that same type of appeal."

(Courtesy of Air Force News)



ON THE COVER: A U.S. flag is set outside the pentagon after a highjacked commercial jetliner crashed into it, Sept. 11. The pentagon attack followed an attack on the twin towers of the New York World Trade Center in what is being called the worst terrorist attack in history. Photo by Tech. Sgt. Jim Varhegyi.

Combined Federal Campaign

The CFC drive begins Sept. 25 and runs through Nov. 6. Watch for more information in the Space Observer.

Space warriors add new wrinkle to Red Flag

By 2nd Lt. Virgil Magee
AFSPC Public Affairs

The pilot of the F-16 Fighting Falcon studied the dry hills and arroyos of southern Nevada while searching for the target on the ground. This was no ordinary target the pilot was seeking.

The opposition force's threat—a truck loaded with sophisticated electronic warfare equipment—was hiding there somewhere along the desert floor. If the pilot couldn't hit that target, it could jam Global Positioning System satellite signals, the same signals that let search-and-rescue units find downed pilots.

Such was the scenario at Red Flag, Air Combat Command's annual war-fighting exercise which began Aug. 10 and will end Sept. 7 at Nellis Air Force Base, Nev. Red Flag is where the Air Force's best pilots and air aggressors grapple. To fighter pilots, it is the Super Bowl of aerial combat, where only the most highly trained and competitive are allowed to play.

This year, for the first time, Red Flag included the live-fire play of a new type of threat—the space-capable adversary. Never before had a realistic space threat played in the traditionally air-oriented training event. Providing the orbital jam session was the 527th Space Aggressor Squadron from Schriever Air Force Base.

"A few years ago it may have been acceptable for us to look at our battles taking place in the air," said Lt. Col. Conrad Widman, squadron commander. "Times have changed and we have to look at the broader threat. Not only do we have to understand the things in the air, we have to understand how the loss of space capabilities affects combat operations."

That understanding may be a surprise to pilots, but to the members of the 527th it is all in a day's work. The threat and ability to respond have become high priorities for Air Force.

From the Rumsfeld Space Commission Report to the Air Force chief of staff's Aerospace Integration Plan, space integration is the way of the future in exercises.

"We didn't show up at Red Flag to win battles," said Capt. Richard Petty, space tactics flight commander. "We're there to teach airmen how space-based resources can be used against them. We're not space cowboys. Our goal is to make our people better."

For this Red Flag, members from the 527th and aggressors from the Air Force Reserve's 14th Test Squadron deployed to remote locations on the Nellis range.

There, they set up their equipment at strategic locations to deny GPS communications to downed airman and rescue helicopters, just as the adversary would deny GPS

signals to a downed pilot.

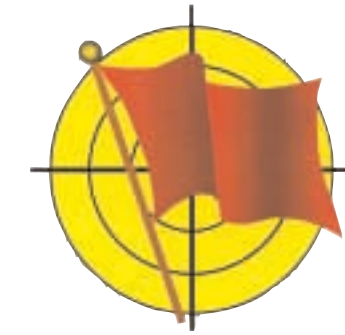
The space aggressors were able to create enough problems for the search-and-rescue event that they eventually became a high-priority target for blue forces and were "killed" by the F-16 tasked with suppressing threats to the rescue effort.

"The jamming equipment utilized by the space aggressors was successful given the scope of their operation," said Lt. Col. Tim Veeder, Red Flag director of operations. "Their efforts provided an opportunity to both see the impact and how to then successfully minimize that impact."

But the space aggressors are not only skilled in jamming fighter pilots' signals. They also are able to use other space systems in their work.

The squadron's mission is divided among five flights. The Electronic Warfare Flight, the Red Flag team, shows airmen what it is like to operate in an environment where space-based assets have come under attack. Using commercially available equipment and known adversary capabilities, they employ the tactics of the enemy to jam GPS and satellite communications networks.

"The downed pilots have been very receptive to having the space aspect of battle here," said Capt. Mark Durrell, EWF commander. "Our presence at Red Flag is a great experience and has created a real dynamic learning environment giving



our airmen an opportunity to refine counter tactics, techniques, and procedures by understanding the space threat."

The Imagery Exploitation Flight uses commercial sensors to obtain incredibly detailed and accurate imagery of U.S. forces. Anyone with access to a computer and a method of payment can obtain the same images. Aggressors use the images to build the opposition force's understanding of the battlespace and to analyze the vulnerabilities of deploying forces.

The Red Attack Flight coordinates the efforts between the flights and devises a coherent opposition campaign plan. To be credible and realistic, it is not enough to throw adver-

sary capability at exercise participants; the effort must be a coordinated plan with its own battle rhythm and it should be based on the strategies, doctrine and tactics of a particular enemy. To do otherwise would reduce the value of 527th operations in an exercise, say squadron officials.

The Space Control Flight analyzes future countermeasure capabilities and develops new tactics and procedures in case of an attack on U.S. space assets.

Finally, the Air Force Reserve's 14th Test Squadron Space Aggressor Flight supports all aspects of the 527th's mission, providing a variety of operationally experienced people, helping integrate the air and space worlds.



By Capt. Eric J. Mottice
6th Space Warning Squadron

The 6th Space Warning Squadron, Cape Cod, Mass., has a rich history associated with more than 20 years of operation. In 1979, it was the first of four PAVE PAWS radar sites in the United States and has been on the job 24-hours a day, seven days a week, 365 days a year ever since.

PAVE PAWS depends upon phased array radar technology. It has the capability to project up to 3,000 nautical miles in space and detect an object roughly the size of an automobile. There are two radar faces on the PAVE PAWS radar system. One points slightly north while the other points slightly south. The array faces do not move

6 Space Warning Squadron,
Cape Cod, Mass.



as is often believed. Each array face is composed of 1792 small elements that are 'steered' electronically allowing the radar to focus energy on objects more rapidly than a conventional radar. A computer controls the beams by varying the signal strength, the beams' direction and the emissions into a precise pattern.

The primary mission is to provide missile warning for the eastern continental United States from submarine launched intercontinental ballistic missiles. The unit also observes vehicles launched from Cape Canaveral, Fla., and Wallops Island test facility, in support of NASA and the military, and it monitors overseas launches. The 6th watches situations closely to provide rapid information to forward users such as the Missile Warning Center and

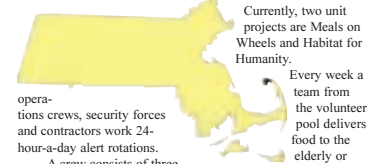
6th Space Warning Squadron, America's first line of defense

the Space Control Center at Cheyenne Mountain Air Force Station, Colo.

The unit's secondary mission is to monitor satellites in earth orbit. Unit members coordinate observations and provide the Space Control Center up-to-date information concerning the rapidly congesting orbits.

With all the traffic in space, many things can happen such as satellite collisions. Of significant importance to the civilian population is the unit's role in monitoring satellites or debris falling out of orbit. The 6th has detected and monitored the descent of Skylab, the Russian Space Station Mir and several satellites ensuring the government was able to inform people of the possible impact sites. The unit also monitors the International Space Station, which is under construction in orbit.

The heart of the unit is its people. Approximately 65 Air Force members and 50 contractors work at Cape Cod Air Force Station. Some staff members work "normal" duty hours, while others such as



operations crews, security forces and contractors work 24-hour-a-day alert rotations. A crew consists of three operators, one officer and two enlisted personnel, who watch the consoles. Security forces limit access to the site and constantly scan the perimeter for signs of illegal entry.

Contractors ensure the radar systems run smoothly allowing operators to accomplish the mission. Contractors work to keep the radar system, satellite communications system, microwave towers, and power generating systems working at peak performance. Also, on occasion, they test software so new features can be incorporated.

The significance of the site is also mirrored in its importance to the community. While the unit has a limited number of people, they are active in the community. The unit displays a superb volunteerism attitude.

Currently, two unit projects are Meals on Wheels and Habitat for Humanity.

Every week a team from the volunteer pool delivers food to the elderly or people who are unable to get to the grocery store. Members volunteer their time to drive across Cape Cod to deliver needed supplies and food to people who depend on the Meals on Wheels program.

Habitat for Humanity is one of the newer projects. They regularly provide support to the community, located south of the installation.

"This project is a worthwhile effort that is richly rewarding," said Lt. Col. Jeff Wilson, commander.

"Building houses is a lot of work, yet being outside and with friends makes it that much more satisfying."

Cape Cod Air Force Station is a mix of mission-focused work and off-duty activities at members live the unit motto: ever aware.

Have a story idea? Let us know by e-mailing us at joshua.clendenen@peterson.af.mil or melanie.epperson@peterson.af.mil Call us at 556-8476/4351

Edwards gearing up for Airborne Laser flight testing

By Leigh Anne Bierstine
Air Force Flight Test Center Public Affairs

The Air Force Flight Test Center at Edwards Air Force Base, Calif., is preparing to test the Air Force's Airborne Laser, a ballistic missile defense system installed aboard a modified 747-400 series freighter aircraft.

Today, the only Airborne Laser prototype is housed at a Boeing facility in Wichita, Kan., where it is undergoing modifications and having battle management equipment installed. The prototype is expected to arrive here in the spring. Testing at the Flight Test Center is scheduled to culminate in 2003. Plans call for the Air Force to operate seven of the laser-armed aircraft in the future.

Lt. Col. Keese Miller, the director of the Airborne Laser integrated test, is leading a team of active duty, government and contract employees in laying the ground work for integration and flight tests.

"In the end, we want to provide the operational customer with a deployable capability to defend our troops and allies from ballistic missiles," said Miller, who is a flight test engineer with experience on a number of weapon systems including the B-2 Spirit and the F-117 Nighthawk.

The Flight Test Center brings a mentality that embraces developmental flight-test work to the Airborne Laser

program, Miller said.

"We have the infrastructure and space to meet the requirements of the program and we have people who know how to deal with new and often unusual challenges," he said.

The Airborne Laser test activities will differ from traditional flight test programs at the center in that the weapon system will require significant initial ground integration and test, Miller said. The integrated test force will integrate and test the laser in its entirety on the ground prior to testing the system in the air.

"The new 7,000-square foot Systems Integration Laboratory was designed and built specifically for this integration effort. Construction of the SIL is nearly complete and installation of the laser will begin later this year," Miller said.

Rounding out the infrastructure needed to support the program is the Ground Pressure Recovery Assembly. The new facility helps create the low internal pressure required for the laser to operate. The ITF is also modifying an existing building, which will become the Integrated Maintenance Facility to be used for storing and mixing the chemicals needed to create the beam.

Miller and his team are working with the Flight Test Center to develop directed energy expertise locally to support the program.



Courtesy Photo

Eric Solari, left, and John Talbott, contract employees with Wyle Labs, and part of the ground support integrated product team for the Airborne Laser, work inside the 747 fuselage that will house the new missile defense system.

"We will continue to supply expertise in those areas where Edwards is traditionally strong and we are developing new expertise in high energy laser technology to support Airborne Laser," Miller said. "This new knowledge base will give the FTC the capability to test any high energy laser weapon system that is developed in the future."

Once proven in the SIL, the test force will integrate it and advanced

adaptive optics into the aircraft and begin ground and flight testing, he said. Key to in-flight testing is the coordination of air space and capabilities of test ranges that will be needed for future flight tests. The test force is working with authorities at the Army's White Sands Missile Range in New Mexico and at the Western Test Range over the Pacific Ocean to develop flight-test paths for the program.

Today

- Mothers on the Move, 9:30-10:30 a.m., at the Family Advocacy Center.
- Cash drawings, 5-7 p.m., at the clubs. Only members are eligible.
- Yoga, 12:05 p.m., at the Fitness Center.
- POW/MIA Fun Run, 11:30 a.m. There is a \$1 fee or \$10 with a T-shirt, at the Fitness center.

Saturday

- \$10 discount per hour on all participating aircraft, at the Aero Club.
- 9-Pin No-Tap tournament, 8 p.m., at the Bowling Center.

Monday

- Wear a flag pin today and bowl three games for the price of two.
- Mothers on the Move, 9:30-10:30 a.m., at the Family Advocacy Center.
- New beginnings, 1-3 p.m., at the Education Center.

Tuesday

- The NAF Resale Store is open, 9 a.m.-2 p.m. Call 556-4876 for details.
- Sponsorship training, 7:30-8:45 a.m., at the Family Support Center.
- Keystone Club meeting, 6 p.m., at the Youth Center.
- Karate, 5-7:30 p.m., at the Youth Center.
- Family buffet dinner, 5-7 p.m., at the Enlisted Club.
- Half-price bowling for all Air Force



Photo by Tech. Sgt. Alex R. Lloyd

And the winner is...

Gen. Ed Eberhart, commander in chief, U.S. Space Command and NORAD, and Air Force Space Command commander, presented the Peterson Air Force Base Fitness Center with a trophy for The Best Fitness Center in the Air Force Sept. 7. The center's recent renovations, such as the Colorado Room featuring more than 70 pieces of exercise equipment, aided in the award. Other areas the Fitness Center staff shined in were innovation, management and customer satisfaction.

personnel, at the bowling center.

- Breastfeeding class, 6 to 8:30 p.m., at the Community Center.
- Family buffet dinner, 5-7 p.m., at the Enlisted Club.

Wednesday

- Mothers on the Move, 9:30-10:30 a.m., at the Family Advocacy Center.
- Story time, 10 a.m., at the Library.

Community Notes

Community News

COMPUTER TRAINING: The 21st Communications Squadron is offering computer classes for all skill levels.

Classes range from Word for Windows to Front Page and more. They are offered monthly.

For more information, call 556-4145.

DONUT SALE: The Pikes Peak Chapter of the Air Force Cadet Officer Mentor Action Program will have a donut sale at the base exchange, Saturday, 9 a.m.-2 p.m.

For details, call 554-6029.

NCO WORKSHOP: A noncommissioned officer workshop for new staff sergeants and staff selects is scheduled for Oct. 4 and 5 at the Enlisted Club.

For more information, call 556-6141.

RECYCLING CENTER RELOCATION: The Refuse and Recycling Center has relocated temporarily to the parking lot behind building 678.

For more information call 556-1458.

AUTO SKILLS CENTER: The Auto Skills Center now offers emissions testing and VIN verification, Monday - Friday, 8 a.m.-5 p.m. only.

For details, call 556-4481.

LIBRARY CLOSURE: The library will be closed today through Sept. 26 for the installation of new carpeting.

Books must still be returned on due date and should be placed in the

book drop boxes outside the library. For details, call 556-7462.

IMAGE ANNUAL GOLF TOURNAMENT & BBQ: Four-person Scramble is set at Eisenhower Blue Course, USAF Academy on Sept. 21.

For other information or questions about the format, fees, barbecue or awards ceremony, contact Jeff Gibson at 554-1246.

Youth Center

INDOOR SOCCER: The Youth Center is accepting registrations for indoor soccer through today.

To register, contact Les Stewart at 556-7220.

FLAG FOOTBALL: Flag football registrations will be accepted through Nov. 5.

To register, contact Les Stewart at 556-7220.

COACHES CLINIC: There will be a coaches clinic for the indoor soccer season Sept. 24, 6 p.m., at the Youth Center.

PUNT, PASS, KICK: The Punt, Pass and Kick competition will be Sept. 22, 9:30 a.m., at the youth baseball fields.

Volunteer Opportunity

YOUNG MARINES: The Colorado Springs Chapter of the Young Marines is looking for volunteers from any service to instruct and support young adults in the program.

For details or to volunteer, call Jo Ann or Vern Bowen at 596-7817.

RED MOUNTAIN TRAIL SPUR: The El Paso County Parks and Leisure Services Department and the Intemang Trail Committee need volunteers to help in complete the Red Mountain Trail Spur, off the Intemang Trail in Manitou Springs.

For details, call 556-9268.

Vote

ON BASE VOTING: Ch. (Maj.) Norman Ellis, base voting officer, reminds everyone to vote.

The voting hotline number is 556-8683 or you can log on to the Federal Voting Assistance Program Website at www.fvap.ncr.gov.

Recreational Classes

FRAMING CLASS: The Community Activities Center will have a framing class Sept. 19, 5-9 p.m.

There is a \$25 fee and you must be at least 13 years old.

For details, call 556-1732.

CFC drive

CFC: The Combined Federal Campaign will kick-off Sept. 25 and run through Nov. 6.

The campaign helps a number of different charities and human assistance agencies.

The money is distributed to charitable agencies that donors designate to receive their contributions.

See upcoming issues of the *Space Observer* for more information.

- Common sense parenting, 2-4 p.m., at the Family Advocacy Center.

Thursday

- Karate, 5-7:30 p.m., at the Youth Center.
- Homework help, 5-7 p.m., at the Youth Center.
- Playgroup, 10:30-noon at the Chapel
- Anger management class, 2-4 p.m., at the Education Center.
- Career marketing, 8 a.m.-noon at the Family Support Center.

Sept. 21

- Cash drawings, 5-7 p.m., at the clubs. Only members are eligible.
- Yoga, 12:05 p.m., at the Fitness Center.
- Mothers on the Move, 9:30-10:30 a.m., at the Family Advocacy Center.
- 10K Bike Ride, 11:30 a.m., at the Fitness Center.

Helpful Numbers

- Family Advocacy Center 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 Center 556-6141
- Chapel 556-4442

Chapel Schedule

Protestant Services

Liturgical Worship
8:15 a.m.
Traditional Sunday
Worship
11 a.m.

Gospel Services
12:30 p.m.

Sunday School
9:45 a.m.

Catholic Services

Mass
Weekdays
11:35 a.m.

Saturdays
5 p.m.

Sundays
9:30 a.m.

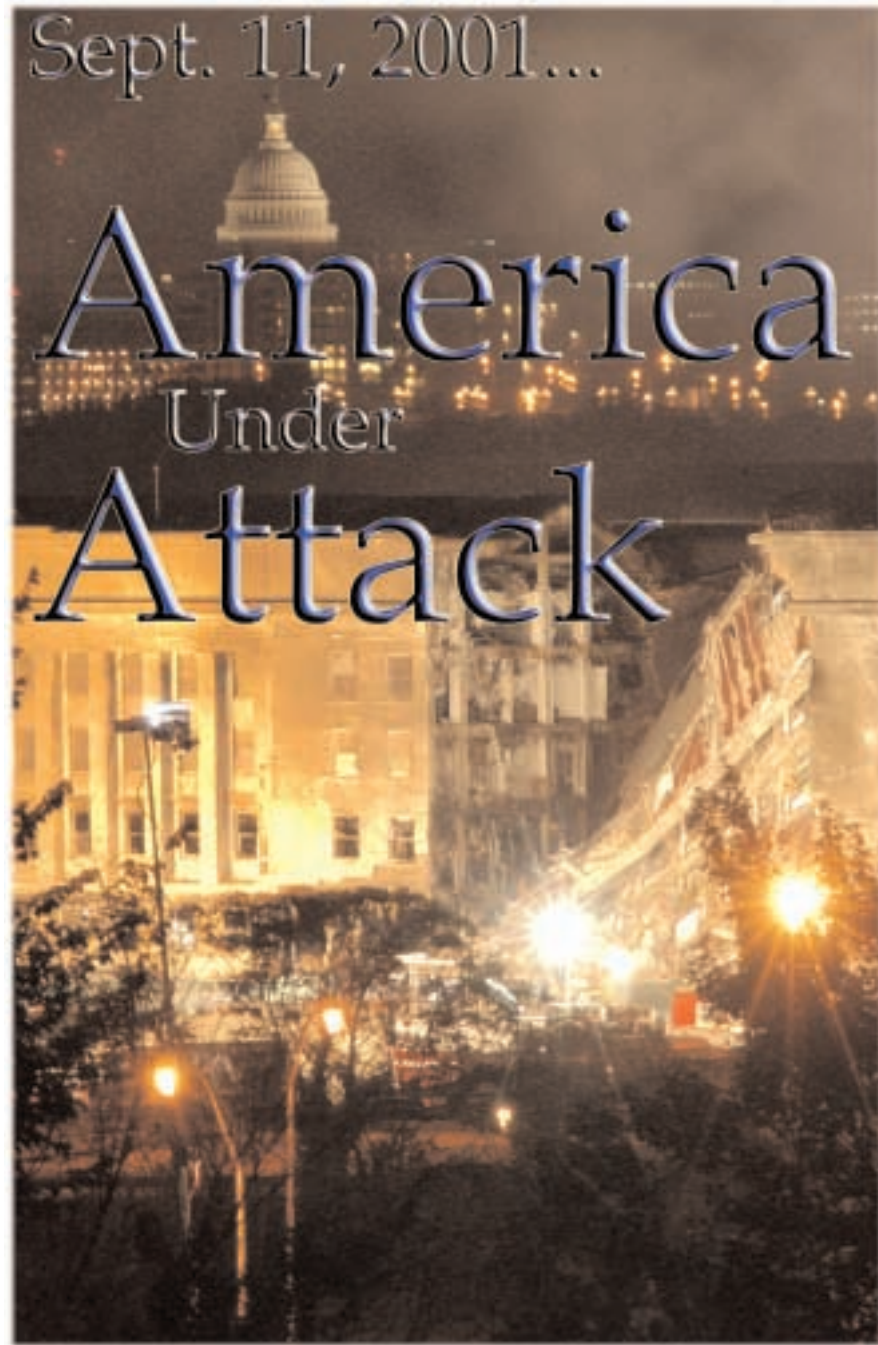
Reconciliation
Saturdays
4 p.m.

Religious Education

Adult and
pre K-12th grade
Sundays
8:30 a.m.

Sept. 11, 2001...

America Under Attack



Kehler responds to attacks on U.S.

Terrorist attacks in Washington D.C, New York, Pennsylvania bring out the best in the 21st Space Wing people

By Brig. Gen. Bob Kehler
21st SW commander

It has been an awe-inspiring time for the 21st Space Wing in the last two months.

For the wing, our operational test really started Aug. 1, the day the rain started to fall at Thule Air Base in Greenland; 20 days before the Operational Readiness Inspection began.

Within a week, Tropical Storm Barry blew the radome off our radar at Eglin. Since then, we have been tested with both real world incidents and Inspector General exercises and inspections.

But the culmination of all our work occurred just four days ago when we immediately transitioned from exercise scenarios to real world actions taken

after the terrorist attacks in Washington D.C., New York and Pennsylvania.

I could not be more proud of the members of this wing. Everyday you continue to display a level of professionalism and dedication that is unmatched.

This is what American needs right now, a solid foundation to lean on. And I know we are here to provide that support.

The next few days and weeks will be hard, but I know each of you will stand tall and work through it with the same level of courage and loyalty you display everyday. I am honored to be the commander of the 21st Space Wing.

Our hearts and prayers go out to all the families and friends of the victims of the attacks. We honor them as we serve our country.



Photo by Tech. Sgt. Gary Coppage
A U.S. Army helicopter flies near the site of a suspected terrorist crash of a commercial airliner into the Pentagon that occurred at about 10 a.m. on Sept. 11. The building was evacuated, along with other federal buildings in the Capitol area, including the White House. The number of casualties is not known, but nearly 24,000 people work in the Pentagon. The attack occurred about an hour after two airliners struck the World Trade Center twin towers in New York.



Photo by Paul Disney

Search and rescue operations are continuing at the Pentagon. The area of the Pentagon where the aircraft struck and burned sustained massive damage.



Photo by Tech. Sgt. Jim Varhegyi

Fire fighters struggled to contain a spreading fire after a hijacked commercial airliner crashed into the Pentagon Sept. 11. The suspected terrorist attack on the Pentagon followed similar attacks on the twin towers of the New York World Trade Center in New York City.

Pentagon recovery operations continue

WASHINGTON—Search and rescue operations at the Pentagon, led by as many as 200 Arlington County firefighters and police assisted by emergency response teams from a number of other jurisdictions, is continuing Sept. 12.

The area of the Pentagon where the aircraft struck and burned sustained massive damage. When the aircraft crashed into the building, it reportedly was carrying several thousand gallons of jet fuel, which caused an intense fire in the immediate crash area. Anyone who might have survived the initial impact and collapse could not have survived the fire that followed, Department of Defense officials said.

Reconnaissance efforts conducted overnight indicate that there are no survivors in

Roche, Jumper call for military support, prayers

WASHINGTON—In the aftermath of the cowardly attack on our homeland Sept. 11, we are extremely proud of the service and contributions of America's Air Force men and women. Our vigilance and response was quick and purposeful, potentially limiting the extent of this terrible tragedy.

For example, we proactively provided expeditionary medical support in direct support of the New York City attack. We delivered 1,600 units of blood and deployed 400 medics to McGuire Air Force Base, N.J., now serving as the medical support hub. Additionally, more than 1,800 Air Force medics are on standby, ready to respond when required.

Air Force medical people here are providing on-scene care to the fire-fighting and rescue operations continuing at the Pentagon.

As we respond, watch, and wait, many of us are looking for ways to help. It is time for action. We implore you to visit your local Red Cross and on-base blood donor facilities and give blood.

Finally and most importantly, our ardent prayers go out on behalf of the hundreds of families of our fellow comrades in arms, public servants, and citizens who have perished during this tragedy. May we, as members of the United States Air Force, take the opportunity to serve our Nation in any way.

America's Air Force is on your wing and ready.

the immediate collapsed area, officials said. Officials also said listening devices that they have been able to get in the rubble have not detected any signs of life.

Rescue authorities are planning to use a wrecking ball in the collapsed section of the Pentagon to clear away unstable rubble so search and rescue teams can safely begin their search efforts in adjacent areas.

Stabilizing the building at this point will allow full search and rescue operations and ensure the safety of the teams as they go about their business. This decision was reached after joint consultations with county, state, federal and military authorities.

Construction to change traffic pattern

By KayDawn Simpson
Colorado Department of Transportation

At 9 a.m. today the process of switching traffic from the Platte Avenue detour to the new Platte/Powers Bridge will begin.

The switch and fast track work to open the ramps will take approximately three days. Travelers along that route

are advised that there will be several detours and lane closures in effect throughout the weekend, and drivers are strongly advised to avoid the intersection.

Direct access will not be permitted from southbound Powers Boulevard to eastbound or westbound Platte Avenue.

Southbound Powers Boulevard traffic to east and westbound Platte Avenue will

be detoured from southbound Powers Boulevard, to west on Galley Road, south on Wooten to Platte Avenue.

There will be no direct access from westbound Platte Avenue to northbound or southbound Powers Boulevard.

Westbound Platte Avenue traffic to north or southbound Powers Boulevard will be detoured from westbound Platte Avenue, to north on Peterson Road, west on Galley

Road, and north or southbound Powers Boulevard.

Single lane closures will occur on Platte Avenue and Powers Boulevard throughout the entire weekend.

With the exception of westbound Platte Avenue to northbound Powers Boulevard, traffic will be in final alignment by 5 a.m. Monday.

During the construction of the northbound ramp, no direct access will be available from

westbound Platte Avenue to northbound Powers Boulevard.

Access from westbound Platte Avenue to northbound Powers Boulevard will be provided by the detour-north on Peterson Road to west on Galley Road, to northbound Powers.

For more information on this traffic switch or other questions about the construction, call KayDawn Simpson, Colorado Department of Transportation, at 622-9730.



Photo by Master Sgt. Val Gempis

Buckle up

Tech. Sgt. Scott Robinson, (foreground), and Senior Airman Hank Webb, both aerospace physiological support specialists from the 5th Reconnaissance Squadron at Osan Air Base, South Korea, assist Capt. Michael Wheeler as he prepares for a reconnaissance mission.

No panic during evacuation

By Jim Garamone
American Forces Press Service

WASHINGTON— Personnel who left the Pentagon after a terrorist attack said the evacuation of the building early Sept. 11 was remarkably calm.

An eyewitness said a "large plane" crashed into the Pentagon near the heliport on the west side of the building.

One Army lieutenant colonel who worked near the building segment hit by the plane said everyone in his office was gathered around the television watching coverage of the terrorist attack on the World Trade Center in New York City when the plane crashed into the Pentagon.

"We felt a thump and saw the flash," said the colonel. "All of us and others gathered and went toward the site. We couldn't get close."

The colonel said all the people in his section evacuated and met outside the building.

"There was no panic," he said. "Most people went in a calm and orderly way."

He said it was not until after he and his co-workers left the building that they realized the extent of the damage.

The Pentagon was built in 1941 out of reinforced concrete. It is laid out in five concentric pentagonal "rings," the "E" being the outermost and "A" the innermost. The jet cut the building like a knife. It did not penetrate all the way into the center courtyard, but did reach the "B" ring.

Beyond the heliport, where the crash occurred, authorities set up a triage site. Military medics and civilian emergency care providers worked together to provide aid. Civilian firefighters from many jurisdictions joined to fight the blaze.

Many officers, non-commissioned officers and civilians volunteered to aid emergency care providers in helping rescue victims. The volunteers staged on Washington Boulevard. Beyond them was a makeshift heliport that evacuated the most seriously injured to medical care.

Air Force responds to terrorist attacks

The U.S. Air Force is working around the clock to coordinate relief to victims of this morning's terrorist attacks.

Secretary of the Air Force James Roche contacted the Federal Emergency Management Agency immediately following the first reports of these attacks and offered maximum Air Force assets including personnel and equipment.

The Air Force is mobilizing medical critical care units, aeromedical evacuation teams, and critical incident stress management experts and other airlift assets in support of the president's activation of the National Disaster Medical System.

Expeditionary medical support teams are mobilized in

response to the disasters. Teams from Langley, Wright Patterson, Keesler, Lackland, and Travis Air Force Bases are being positioned at various staging facilities. These teams are portable hospitals comprised of surgical teams, critical care capabilities and public health teams, among other specialties.

Additionally, the Air Force is assisting with the distribution of blood supplies to the locations where they are most needed.

(Courtesy of Defense Link)

Military quality of life a matter of perspective

By Senior Airman
Jess Harvey
81st Training Wing Public Affairs

KEESLER AIR FORCE BASE, Miss. - I'm constantly reminded of why I choose to stay in the military and why others don't. It's a matter of perspective.

I hear young and old airmen say things like the medical care isn't as good as it used to be or our benefits are going down the drain. I have even found myself grumbling from time to time. Then, I remember my mother.

My mother raised three children, on her own, earning minimum wage. We had no benefits. If it wasn't an absolute emergency, we didn't see a doctor. If the pain wasn't unbearable, we didn't see a dentist. We never had cable and sometimes didn't have a phone. If my mother had to take time off work, she was paid less. There was no such thing as paid annual leave for her.

There were times when peanut butter and jelly sandwiches seemed like pure heaven to three children who knew no better. Thanks to a motivated mother, creative budgeting and a strong immune system, we made it through.

Compared to that, the benefits I enjoy as a military member are too many to count.

At 18, I enlisted in the Air Force. Once I completed technical training, the military moved my belongings and me to Tyndall Air Force Base, Fla. I then started receiving paychecks that were more than my mother's monthly income.

To top it off, I started seeing a dentist every six months. If I had a cold, I made an appointment to see a doctor and didn't even have to pay for it. If I needed an extra hour at lunch for the medical appointment, I wasn't paid less, fired or charged leave.

Some say that on the "outside" I'd earn enough to make up for it. I could afford my own health care and more. I say those benefits are only the tip of the iceberg when it comes to the important things in life.

Now that I'm used to the tangible benefits and am starting my own family, I see things from a new perspective. I'm looking more and more at the entire Air Force package.

Take, for instance, the sense of kinship. If I have a problem, my workmates do everything in their power to help. If I'm on temporary duty overseas and my wife's car breaks down, someone in my office will help her take care of it.

If I break my leg and need to be out of work for a couple of days, it's not a problem and someone from the office will call to see if I need anything. If I get transferred to another base, I can count on the fact that someone will be waiting at the airport to pick me and my family up and show me the way to the nearest shopping center.

I can't think of a single company that offers benefits like that. Nowhere have I seen job offers that include a statement like, "Here, we'll treat you like family" and back it up like the military does.

I also have yet to see a single civilian job offer that includes 30 days paid leave a year where I wouldn't have to worry about being told not to come to work the next day due to budget cuts.

When I joined the Air Force, I never expected to get rich, and anyone who does is obviously not connected with reality. I just expected to get my most basic needs met.

What I got was much more than that. I got tangible benefits like medical, dental and vacation time, and intangible ones like friends, family and inclusion in a group of self-sacrificing people committed to serve and protect our country.

When I overhear others criticizing military benefits, I wonder where their perspective comes from. Are they concerned mainly with dollar signs, or are they looking at the Air Force as a lifestyle?

Military life is just that — a lifestyle. In order to size up the quality of benefits, you have to look at the entire picture.

Retiree's daughter reflects on military life

By Kelly Kirsteater
CDC deputy director, Kirtland AFB

LANGLEY AIR FORCE BASE, Va. — Children of military families, also known as "military brats," know the one question in life that's probably the hardest to answer. "Where are you from?"

For most people, the answer comes right out: a simple "Florida" or "California." But for us brats, it takes time to decide how to answer.

My answer is usually something like, "I grew up in an Air Force family, so I've lived many places." The asker, who's trying to help me figure out where I'm from, says,

"Well, where were you born?" I answer, "Nebraska" but must explain that I only lived there for three months of my life, so how could I be from there?

Next comes, "Where did you graduate from high school?" I say, "Panama," but I can't really be from there either, because I'm not Panamanian.

In fact, I've never lived anywhere longer than four years. I moved 11 times, lived in seven different states and two countries, and attended several schools. I learned to make friends, say good bye, keep memories and appreciate differences. I also learned the importance of family.

Mom and Dad were always positive when it came to moving. The fun things were always emphasized. Their upbeat attitude shaped the way I felt about moving. It made me look forward to my next challenge, rather than dread the fact that we were once again leaving.

All of my moving experiences made me who I am, and resulted in traits I have today and will need in the future as I start my own Air Force family.

(Editor's note: This article is adapted from comments Kirsteater made at Col. Gary Kirsteater's retirement ceremony.)



Photo by Margie Arnold

Fore!

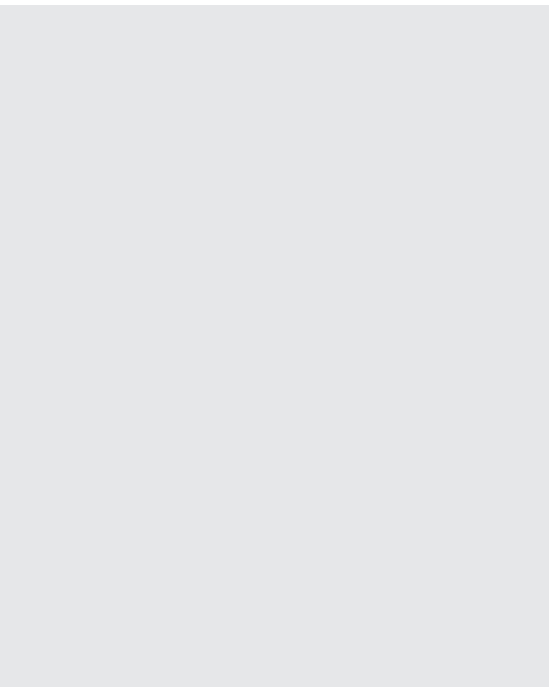
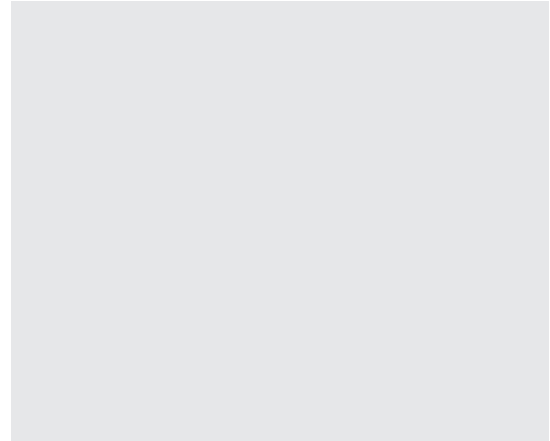
Course leaders tee off during the Silver Spruce Golf Course annual championship, which was held Aug. 31-Sept. 3, Labor Day weekend. The 54-hole tournament was followed by a buffet and awards ceremony. Bryan Doyea won the four-day championship with a score of 226. Runner-up was James Sisneros.

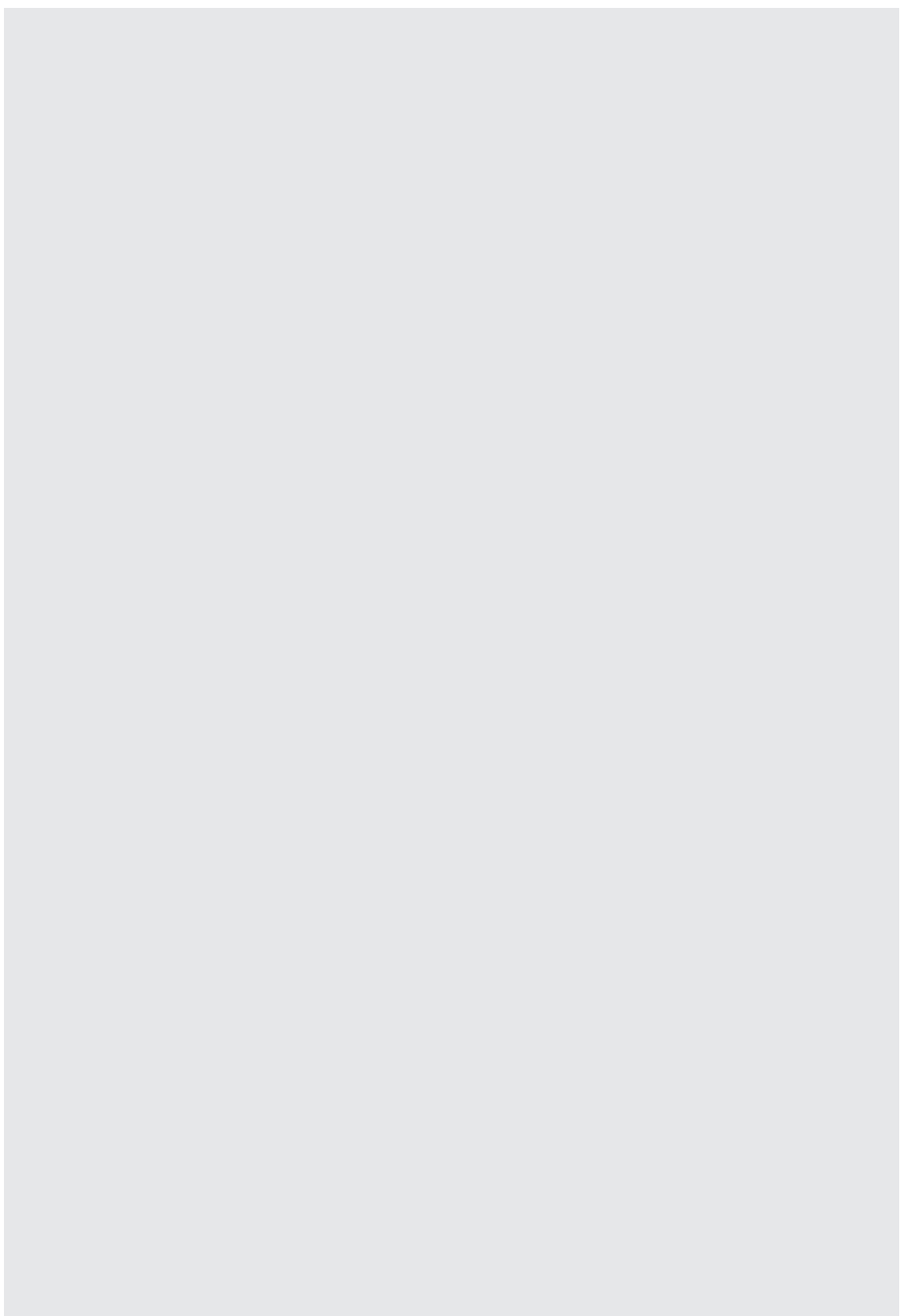
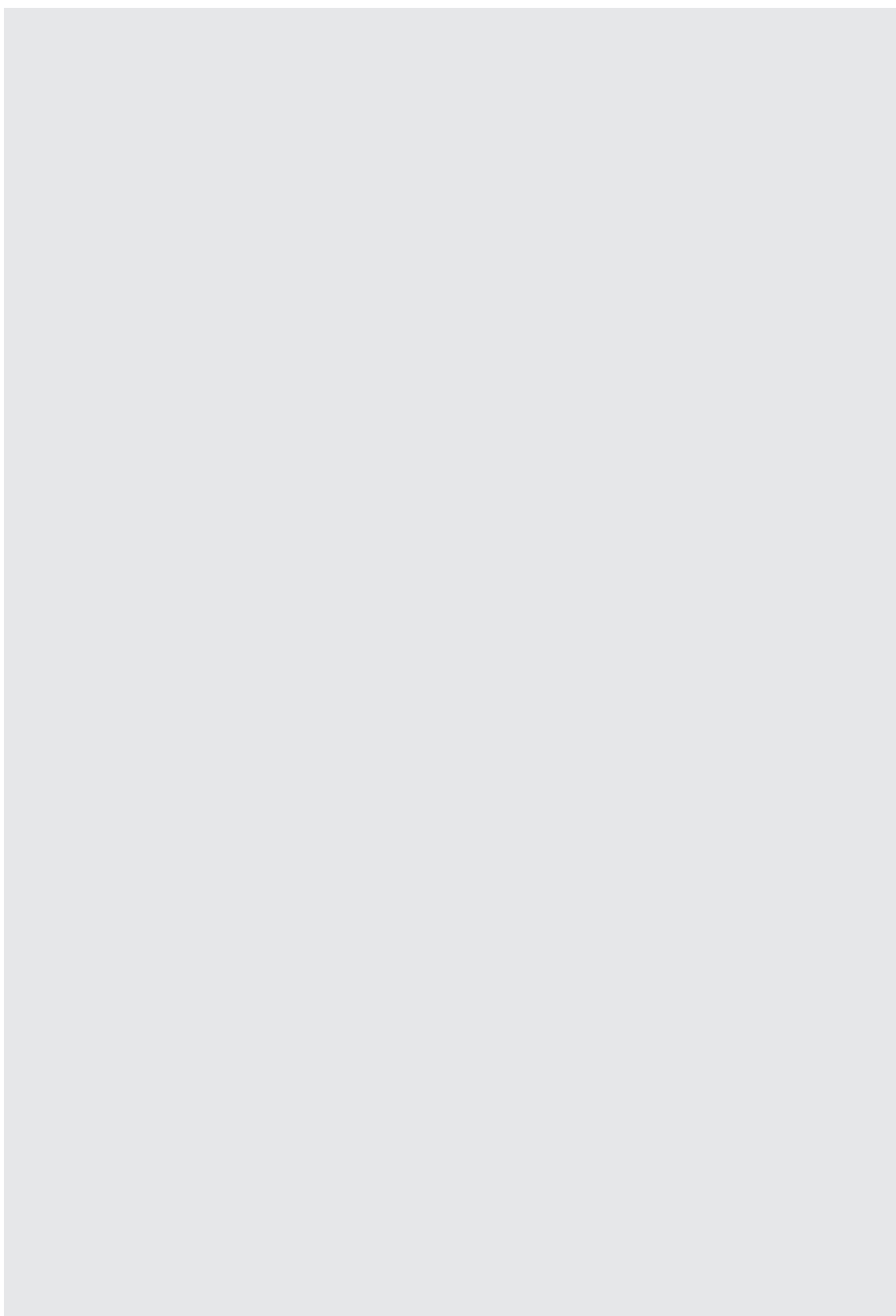
We're within walking distance of a cure. Please join us.

Juvenile Diabetes Research Foundation International

Dedicated to finding a cure

1 888 533-WALK www.jdrf.org a CFC participant





Sports

Shorts

Adult/youth bowling league-

The Jim Glen Adult/Youth Bowling League's season begins Saturday, 9 a.m. at the bowling center. For more information, call 597-5625.

POW/MIA fun run- The run is today. Cost is \$10 per person for those who want a shirt or \$1 just to run. Shirts are limited. For more information, call 556-1515.

5K fun run- There will be a 5K fun run Oct. 5. Cost is \$1. Deadline for registration and start time is 11:30 a.m., the day of the race. Meet in front of the fitness center. Call 556-1515 for more information.

5K fun run- There will be a 5K fun run Oct. 12. Cost is \$1 per person. Start time is 11:30 a.m., Meet in front of the technical support facility. Call 556-1515 for more information.

Pick-up basketball game- A "Barnyard rules" basketball game is scheduled for Sept. 27, 9 a.m. at the Fitness Center. The game will be followed by a barbecue. For more information, call 556-4570.

Volleyball tournament- Game times are between 10 a.m. and 2 p.m., Monday-Thursday. Cost is \$10 per 8-man roster team, and deadline for registration is Monday. Call 556-1515 for details.

Wallyball tournament- Game times for the 4-on-4 wallyball tournament Sept. 24-27 are between 10 a.m. and 2 p.m. Cost is \$10 per team, and deadline for registration is Monday. Call 556-1515 for more information.

Singles racquetball tournament- There is a singles racquetball tournament scheduled for Oct. 9-11. Cost is \$5 per person. Deadline for registration Oct. 2. Game times are between 11 a.m. and 2 p.m. Call 556-1515 for more information.

Singles racquetball tournament- There will be a singles racquetball tournament Oct. 22-25. Cost is \$5 per person. Deadline for registration is Oct. 15. Games will be played between 10 a.m. and 4 p.m. Call 556-1515 for details.

Doubles tennis tournament- There will be a doubles tennis tournament Oct. 22-25. Cost is \$10 per team. Deadline for registration is Oct. 15. Game times are 10 a.m. to 4 p.m.

Bike Ride- Meet in front of the fitness center Sept. 21 for a 10K bike ride. Cost is \$1 per person, and helmets are required. Call 556-1515 for

more information.

Coaches meeting- A flag football coaches meeting will be held Monday at noon in gym 2. Call 556-4475 for more information.

Challenge patches- Earn 14er Challenge patches, one for each of the 56 Colorado peaks over 14,000 feet, on the climbing wall at the fitness center. Call 556-1515 for more information.

Yoga- Class meets every Friday at 12:05 p.m. Wear comfortable clothing so you can stretch freely. Call 556-1515 for details.

Personal trainers- Personal trainers are available for Peterson Complex members. For details, call 556-4462.