

Era ends for launch vehicle, pad

By Marla Holbert
45th SW Public Affairs

Friday's scheduled launch marks a momentous end - for both the Atlas IAS rocket and the facility from which it will take off.

The last Atlas IAS rocket, originally set to launch in late June, will carry a U.S. National Reconnaissance Office payload. The vehicle and its launch pad, Space Launch Complex 36A, becomes inactive after this mission.

Master Sgt. Bill Shelden, Atlas flight superintendent and grounds systems expert for the 5th Space Launch Squadron, says his organization has been heavily involved in the rocket's "final go." From monitoring onsite activities during vehicle erection, to performing post launch telemetry data reviews, members of the 5th SLS play an integral part in this mission, along with fellow launch team members from International Launch Services, Lockheed Martin and the NRO.

"Launch day proceeds in a very similar manner to wet dress rehearsals," Sgt. Shelden said. "The 5th SLS monitors and documents all proceedings at the pad as well as in the launch control center. At various points in the countdown the team provides real-time readiness assessments to the launch vehicle System Program Office, mission directors, Lockheed Martin and the spacelift commander, with recommendations to commit to launch."

The first Atlas IAS mission flew on Dec. 15, 1993. Since then launch teams at the Cape and Vandenberg Air Force Base, Calif., have propelled approximately 29 successful launches (not including Friday's flight) into orbit - 26 from Cape Canaveral and three from Vandenberg, said Fran Slimmer, director of media relations for Lockheed Martin.

The outgoing Atlas provides some impressive statistics - including a 100 percent success rate. The most powerful rocket in the Atlas family, it houses an 8,200-pound, ground-to-orbit lift capacity within its 156-foot length, Ms. Slimmer said.

Mark Cleary, 45th Space Wing historian, said the outgoing launch pad, 36A, has been the site for many important space flights. Built in 1961, 36A has served as home base for Surveyor, Mariner, Pioneer and IntelSat IV missions. It also supported seven fleet satellite communications launches, as well. A second pad, 36B, was constructed in 1963 and 1964 - it will remain active following Friday's launch for the scheduled launch of Atlas II early next year.

In the late 1980s, NASA transferred the complex to the Air Force and General Dynamics to use both militarily and commercially. In the course of its 43-year history, SLC 36A has been the site of more than 140 launches.



Photo by Capt. Steve Keith

The launch of Lockheed Martin's last Atlas IAS rocket marks the end of an era, for both the vehicle and Space Launch Complex 36A. Both will become inactive following the scheduled launch.



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Ready to grab reins and go



From
the
top

By Col. Mark H. Owen
45th SW commander

My family and I are excited about being assigned to the 45th Space Wing and I am especially honored to command this award-winning wing. Having commanded the 30th Operations Group at Vandenberg AFB, Calif., I am glad to be returning to the space lift and range operations missions. And after commanding the 91st Space Wing at Minot AFB, N.D., I can assure you the family is definitely enjoying the warmer weather.

As the 45th Space Wing Sharks, you have clearly established yourselves as the world's premier range and launch port and we're eager to join you in continuing the legacy. Your performance trajectory is an ambitious one and I'm ready to get started.

First off, we are going to stay the course on the wing's mission. Assuring access to space will be a primary priority, and since "control of the battle field begins here" every launch has to be a success. Operations and sustainment of the Eastern Range is also priority as this

resource is a vital national asset for supporting launches and serving as one of our key test capabilities. Next, we will serve as force provider to joint task force commanders by way of the Air Force's Air Expeditionary Force construct. The Sharks serving in deployed locations will be as ready and lethal as those who serve here day-to-day. Hosting and supporting the wing's many mission, community, and contractor partners is also a key priority. Our tenant unit, rely upon us for infrastructure and specific services; we have a considerable economic impact in the local areas and we rely upon our community partners for many services and a healthy, positive relationship, and; our contractor partners are key to delivering our future capabilities but rely upon us to be informed and able customers who know our requirements, schedule, resources and limitations.

I am interested in taking the wing to the next level of performance as well. The Sharks are already renowned for winning awards and setting records - the Schriever Trophy being a terrific example - but as a learning organization we must continue to push ourselves as individuals and as an organization. The wing will continue to use START as the vehicle for recognition and accountability as well as to enhance performance and to ensure continuously superior results. Moreover,

first line civilian and military supervisors, NCOs, SNCOs, chiefs and commanders will be charged with developing tomorrow's leaders and the warriors of today. There is no substitute for steady leadership.

I also like to have fun. By fun I mean instilling a sense of joy in service. While the joy of service derives from many sources I will pursue initiatives in scheduling, training, equipment, education and more with the goal to set all our people up for success.

The 45th Space Wing is an exciting place to live and work. Patrick AFB and Cape Canaveral Air Station have a rich history. We are the prime beneficiaries of a legacy of discovery, ability, devotion and sacrifice. Yet, we are also making history today. For example, the Evolved Expendable Launch Vehicle program boasts the most modern vehicles in the world and heralds an era of missile advancement not seen in this nation since the development of our first ICBMs - the same fleet we have counted upon over the past four decades for reliable access to space. No doubt: this IS where the space history is being made and you are an exciting part of the action.

I am honored to serve with you, proud to serve you as commander and excited about our mission. The range is "green" and we're "go" for launch!"

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45th Space Wing Commander

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Published by Cape Publications, Inc., a private firm in no way connected with the Air Force, under exclusive written contract with the 45th Space Wing, Patrick AFB, Fla.

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Editorial content is edited, prepared and provided by the 45th Space Wing Public Affairs Office.

All photographs are Air Force photographs unless otherwise indicated.

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Melbourne, FL 32941-9000
Retail: (321) 242-3808
National: (321) 242-3803
Classified: (321) 259-5555

Missileer

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Deadline for submissions
is 2 p.m. the Friday before
publication.

ACTION LINE

494-6550

The Action Line is your direct link to the 45th Space Wing commander, Col. Mark Owen, and provides a valuable source of information on ways to make Patrick Air Force Base and Cape Canaveral Air Force Station better places to work and live.

The best way to get something fixed is to identify the problem to supervisors and first sergeants. If you can't get your problem resolved through the agencies, contact the Action Line: e-mail, Commander'sline@patrick.af.mil or click global at Commander's Line - Patrick AFB; recorded message, 494-6550; mail, 45SW/PA 1201 Edward H. White II St, Ste C-130, Patrick AFB FL 32925-3237; fax, 494-7302. Address all correspondence "Attn: Action Line."

When directing an issue to the Action Line, callers must indicate to whom they've previously addressed the issue.

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494-4373

Prepare for all aspects of deployment

Physical, emotional, spiritual readiness key to success

**By Lt. Col. Chris Kinnan
45th Operations Support Squadron**

Are you prepared physically, emotionally and spiritually to deploy? Are you AEF-ready today?

I had three weeks notice for my first joint task force deployment and less than a week for the second one. I have deployed to Riyadh, Saudi Arabia; Camp Doha, Kuwait and Baghdad, Iraq. Each place was different but the demands were the same - long hours, hazardous conditions, limited resources and poor communications. Some warriors I served with were hurt or killed. Readiness ensures mission accomplishment and prevents emotional and spiritual harm to your family and yourself.

Deployment is a fixture in military life; by next year most of us will be assigned to support specific AEFs. While unit deployment managers, chaplains and a host of support services help us prepare, each individual is responsible for ensuring they are trained and ready to go when called. How do you prepare yourself and your family?

Our unit deployment managers have deployment checklists and can offer scheduling and training assistance. In some cases, training may not be available at your base or your report time may be too short to allow you to complete all required training. With less than a week's notice for my last deployment, I called ahead to ensure that the training and equipment I needed would be available. We are fortunate in that today, many physical preparations can be done through online training programs and the Virtual Military Personnel Flight.

Some of the most important physical preparation includes:

- ✓ Preparing uniforms and personal gear
- ✓ Completing Anti-terror Force Protection, Laws of Armed Conflict, Self Aid/Buddy Care, Chem/Bio, Weapons and Network User training
- ✓ Updating DD Form 93 (Emergency Data Record)
- ✓ Updating Serviceman Group Life Insurance and other insurance records
- ✓ Arranging automatic bill payment
- ✓ Procuring dog tags and chains
- ✓ Completing Powers of Attorney (limited powers of attorney for banking, child and pet care, medical care, etc. — avoid general powers of attorney)
- ✓ Completing your Personal Health Assessment, dental and updating shots
- ✓ Updating your last will and testament and living will, if desired.
- ✓ Fit-to-Fight activities

Wills, insurance and powers of attorney require us to have difficult "what if" conversations with our loved ones. This is where the physical preparation bridges into emotional and spiritual preparation.

My parents and I discussed what would happen if I were incapacitated or killed. We discussed insurance, bank accounts and investments, intent behind my living will and even funeral arrangements.

While difficult, these discussions prepare our loved ones for the worst case. My family felt better knowing what I wanted and in many ways, I made the most difficult decisions for them. Having this talk also helps heal strained relationships and may bring

families closer.

For those with children, a well-conceived family and care plan is a must. The most important responsibility parents have is their children's care. Do you know who will care for them if you are called? Do they know?

Our Family Support Center has terrific programs to help families prepare, sustain themselves while their loved one is deployed, and assist the deployed member as they reintegrate into their work environment and rejoin their family.

A happy healthy family is a source of strength as we ready ourselves for deployment. Knowing the family is ready helps reinforce you emotionally and spiritually.

Who we are as individuals is defined by our values, beliefs, personal relationships and our faith traditions. When these are healthy, we feel whole and alive. We are then spiritually ready for almost any challenge, hardship or horror we encounter.

With a happy spirit, our personal courage is strong and we become a source of strength for those deployed with us who are troubled or whose faith and spirit are faltering.

We joined an expeditionary Air Force fighting in the Global War on Terror. We are all on "hot standby" to deploy forward and serve our nation in harm's way when called. We are responsible for preparing our families and ourselves physically, emotionally and spiritually before we are called.

Our generation is charged with defending freedom ... freedom requires those who defend it to always be ready when called. Be AEF ready ... prepare now.



Commander Q&A : Lt. Col. Lavanson Coffee 1st Space Launch Squadron

Q. What is the mission of the 1st Space Launch Squadron?

A. We are full mission partners with the Space and Missile Systems Center, NASA, Boeing, Aerospace, Lockheed Martin, 44th Operations Group and many others assuring expert integration and launch of Delta II vehicles and payloads. Equally important, we sustain the Delta II launch infrastructure to ensure continued access to space.

Q. What launch vehicles do you work with?

A. The Delta II launch system, which is the primary launch vehicle for the GPS Constellation

Q. What is the significance of space launch to the mission of the U.S. military?

A. Everyone has come to understand the importance of space, but no single system represents that importance better than the GPS constellation. Every branch of the U.S. military relies on it. "Boots-on-the-ground" soldiers use it daily. GPS helps the military branches put weapons on target and reduce collateral damages — ultimately saving lives. There are many worldwide commercial applications, too. Space launch, specifically the 1st SLS and Team Delta, is literally the foundational thrust behind the GPS constellation.

Supervisor education program to pave road for force development

By 1st Lt. Elizabeth Kreft
45th SW Public Affairs

A wise man once said, "I don't think much of a man who is not wiser today than he was yesterday."

The man's name was Abraham Lincoln, and with help from Brevard Community College, the 45th Space Wing is channeling his desire for ongoing education.

Beginning in September, classes providing a customized Supervisory Training Program will be available for all 45th SW supervisors. The curriculum will be tailored specifically to meet certain needs of supervisors working with civilian and military in their direct chain of command.

Officials at the 45th SW initiated the program with the college in order to provide a multi-faceted approach to improve leadership skills of current and future supervisors.

"Because we have a new personnel system which will be implemented in the next few years, we needed to get this mandatory training in place," said Mr. Bob Fore, Eastern Launch Range executive director. "At the same time we are providing an extremely valuable resource for our people."

Five college-level courses will provide training in such areas as leadership, communication, personnel/ human relations management, diversity, conflict resolution, financial management analysis and organizational behavior.

The courses will be worth three credits each for a total of 15 transferable college credits, with an option to take one additional class for a supplementary state certification.

With the 15 hours completed, each participant will earn a state certification as a "Business Specialist," and with the additional class, each student can earn a second state certification in "Business Operations."

The full cost of the classes will be covered through the 45th SW, and the classes will be held during normal duty hours.

"This is a great opportunity for our supervisors, and those who will be working with them," said Sheryl McMullen, Mission Support Squadron deputy commander. "This will allow both military and civilian supervisors to get a better understanding of how to work with all subordinates."

Each class will run for six straight days from 7:30 a.m. - 4:30 p.m., and will consist of approximately 75 percent civilian and 25 percent military supervisors.

“ This is an initiative that is making its way across the Department of Defense, and we are getting in front of it by making this class happen now. ”

Bob Fore

45TH SPACE WING, EASTERN LAUNCH RANGE EXECUTIVE DIRECTOR

"We wanted to make sure all of our supervisors get the right training for their positions," said Mr. Fore. "In the military, when you are promoted you get training for whatever position you are to fill. In the civilian side, often people are promoted and are provided with just a short training session from civilian personnel.

"It really boils down to force development. This is an initiative that is making its way across the Department of Defense, and we are getting in front of it by making this class happen now," he said.

For more information on the classes or to sign up for one of the upcoming sessions, call Mrs. McMullen at 494-4140 or 494-2006.

Final filing

Senior Airman Sammy Hendrix (left) and Airman 1st Class Brian Holmes fill out final paperwork for their upcoming deployment with the 45th Civil Engineer Squadron to Southwest Asia.

Pre-deployment processing lines, such as this one, ensure each Airman has, among other things, the necessary paperwork, immunizations and equipment to sustain them during their overseas mission.

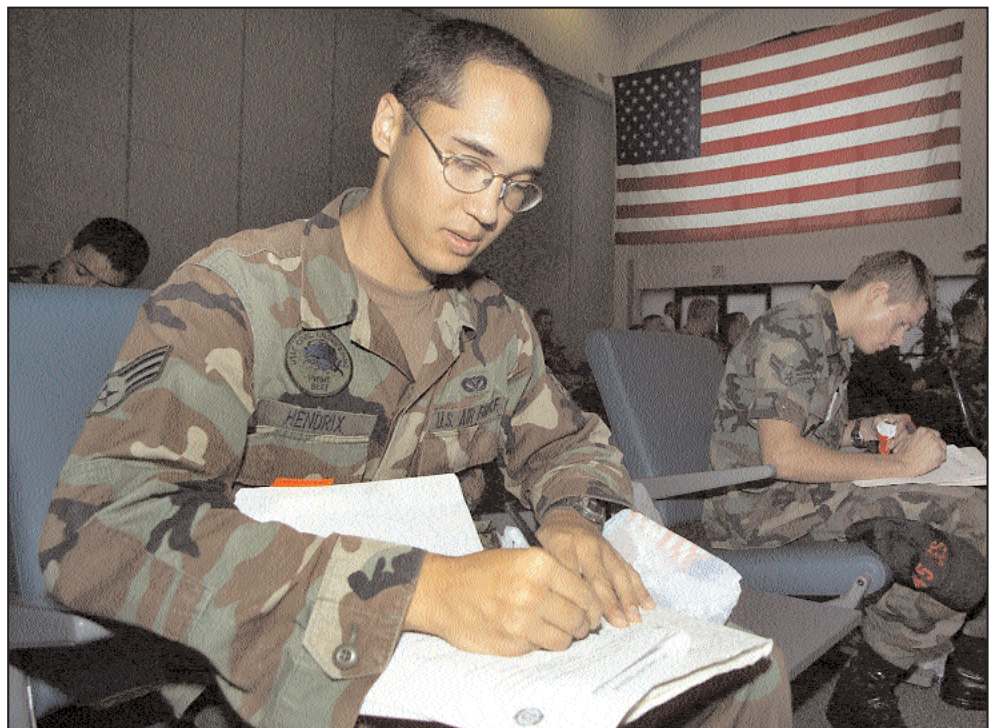


Photo by Jim Laviska

Fire safety stressed in base dormitories

By Chris Olesnevich
45th Ground Safety

Dorm residents are being warned to think smartly when it comes to fire safety.

Last June, when inspectors from the fire department and the 45th Safety Office looked into 200 rooms, they found 64 fire safety discrepancies ranging from minor to serious.

Bottom line, fire safety hazards not only endanger the resident's life, but the life of their neighbors as well.

In the near future, fire and safety inspectors, first sergeants and group advisors will re-inspect the dorm and violators will be reported to their commanders.

Discrepancies were:

- Messy housekeeping in many rooms.
- Cooking appliances other than small microwave ovens are not permitted in the rooms, but there were several unauthorized appliances found.
- Many extension cords were in use were overloaded. Those needing extra outlets for computer equipment can use a power strip with a breaker.
- An industrious dorm resident performed minor construction in the room to

raise the bed near the ceiling. Although this may create extra room, it also blocks the sprinkler heads that require 18 inches clearance. It was not just this bed blocking sprinkler heads, rearranging the wall lockers, placing stuffed animals, books, boxes and decorations on top of lockers and furniture were also discovered in many rooms.

Candles and incense are not permitted. However, rooms were found to have candles with burned wicks and melted wax, indicating use. A woman and her belongings survived Hurricane Charley but her house burned down after her cat knocked over a candle.

Smoking is permitted in the dorms, but the fire code requires that a large, non-combustible ashtray be used. The inspection found coke cans, tin foil, empty pizza boxes, beer bottles and the floor used as ashtrays.

For more information about fire safety standards in the dorm, consult 45 SWI 32-2001. Or call the fire protection office at 494-7642 or the safety office at 494-2202.

Booster vehicle becomes history

By Airman 1st Class Shaun Emery
45th SW Public Affairs

On its way to becoming part of Air Force history, a piece from the recently concluded Titan booster program was packaged and delivered to the Air Force Museum at Wright Patterson Air Force Base, Ohio, last weekend from Cape Canaveral Air Force Station.

Under guidance from a loadmaster crew from the 326th Airlift Squadron, Dover Air Force Base, Del., an Inertial Upper Stage booster vehicle was strapped to pallets and loaded on a C-5 aircraft.

IUS-23s primary mission is to transfer satellites into its geosynchronous position around the earth, or to boost exploratory satellites to a position to search the galaxy.

"Our job was to take it to space and drop it off at its location," said Mr. Herb Briesacher, IUS test conductor.

Mr. Briesacher job as test conductor is to devise a plan to assemble the vehicle, coordinate tests for the vehicle and run tests between the IUS and satellites.

Mr. Briesacher, who was on hand to watch his work as it was prepared for the journey,

explained the life of the IUS.

"The Air Force acquired the vehicle before the end of the Titan program," he explained. "We built the vehicle and ran test on it. It was ready to fly."

IUS-23 was a possible back-up for the Feb. 14 Titan IV launch.

"We had no more mission, but we had a vehicle," said Mr. Briesacher. "So we disassembled it and stored it."

When program managers contacted the Air Force Museum, they opened a spot for a piece of space history.

"We are driven by our story line, which addresses what history we want to preserve and expand on for the visitor to read and understand," said Mr. Tom Brewer, Air Force Museum's chief of plans and programs office.

"The Inertial Upper Stage was an integral part of the Titan IV Space Vehicle," he added. "This program was a part of the Air Force story, and when we acquire the Titan IV, both shall be displayed to tell that episode in AF history - giving the visitor a glimpse and insight on the various Air Force programs that are part of space exploration."

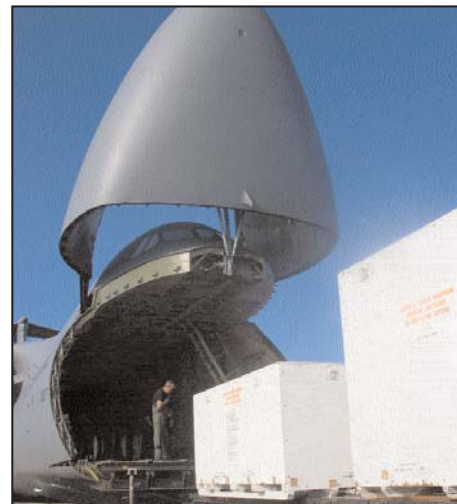


Photo by Airman 1st Class Shaun Emery

Pieces of IUS-23 are loaded on a C-5 Galaxy Aug. 20 to be shipped to the Air Force Museum at Wright Patterson Air Force Base, Ohio.

SHARK OF THE WEEK



Staff Sgt. Misty Kilgore
45th Mission Support Squadron
NCOIC, Personnel Readiness Function

Hometown: Ohatchee, Ala.
How long at duty station? 10 months

Favorite motto: Live each day as though it was your last.

Exceeded the standard: Sgt. Kilgore provided exceptional service to over 100 personnel deploying in Air Expeditionary Force 1/2 rotation in support of diverse operations complying with National Command Authority directives. Additionally, she was a tremendous asset in maintaining 100 percent accountability of all assigned personnel during Hurricane Charley while operating the Personnel Control Center. Sgt. Kilgore is a dedicated, detail-oriented professional who gets the job done right the first time. *Master Sgt. Dale Vicos, 45th SFS first sergeant.*

Additionally, she was a tremendous asset in maintaining 100 percent accountability of all assigned personnel during Hurricane Charley while operating the Personnel Control Center. Sgt. Kilgore is a dedicated, detail-oriented professional who gets the job done right the first time. *Master Sgt. Dale Vicos, 45th SFS first sergeant.*

Inspiration to exceed the standard: Job satisfaction and getting the mission accomplished.

Why do you serve? I'm very patriotic. I wanted to belong to something greater than myself and provide safety for my family.

101 Critical Days of Summer Safety quiz:

The first correct response e-mailed to the 45 SW/SEG at 45swseg@patrick.af.mil, after 9 a.m. Tuesday will receive a prize from the 45 SW Safety Office. Entries received before 9 a.m. will not be counted. Winners will be contacted to receive their prize and his or her name will be announced in the next issue of the Missileer.

Aug. 27 Questions:

1. Which AFOSH Standard covers billeting operations?
2. Which AFOSH Standard covers confined spaces?
3. Which AFOSH Standard covers material handling and storage?
4. Which AFOSH Standard covers general industrial operations?
5. Which AFOSH Standard covers explosives safety standards?

Aug. 20 Answers:

1. 21
2. 10
3. 8
4. 2
5. 4

Winner for Aug. 20 is:

Airman 1st Class Jason Guyette
Air Force Technical Applications Center

Wing signs new lease with Antigua

By 2nd Lt. Kevin Coffman
45th SW Public Affairs

The 45th Space Wing has signed a lease agreement with the Antigua Prime Minister's office allowing the wing to operate on the island province for another five years.

Antigua Air Station is home to some of the telemetry, radar tracking, communications and command destruct instrumentation that make up the 15 million square-mile Eastern Range.

The five-year lease agreements began in 1977 when Antigua declared its independence from England.

Prior to that, the United States had a 99-year lease with the United Kingdom.

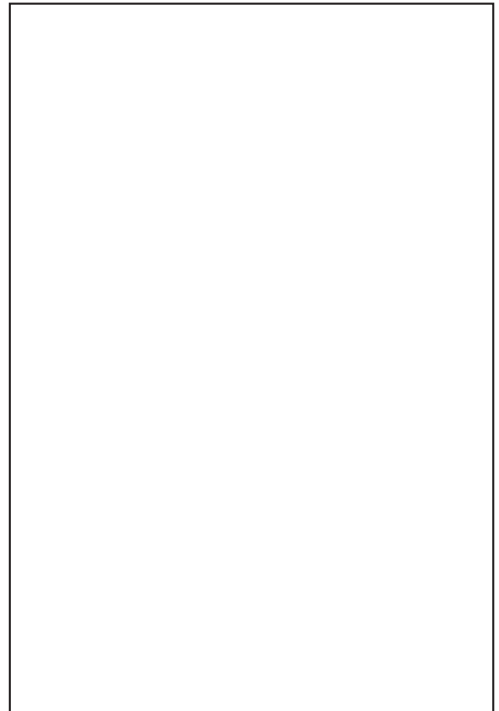
"The U.S. needs a lease on Antigua in order to operate on the real estate," said Maj. Brian W. Gaude, Antigua A.S. commander.

The American military has had a presence on Antigua since 1941, when an Army and Navy base was built on the island. During this period, U.S. forces reached strength of about 1,000 troops. In 1949, U.S. presence on Antigua ended.

However, in 1960, an agreement between the U.S. and Britain provided for the return of the U.S. military, at which time the U.S. Air Force assumed control of the base, occupying it to present day.

"The lease allows the 45th Space Wing to operate on the island to ensure midrange coverage of Eastern Range launch vehicles," said Maj. Gaude. The lease places \$1.25 million a year into the Antiguan economy. The U.S. Air Force is one of the largest employers on the island. There will also be a \$60,000 fee for airport use.

The base employs approximately 90 local Antiguan and with this lease agreement, will return more than 80 acres to the Antiguan government. "We provide support to Department of Defense and Department of Transportation aircraft operations and interagency missions as requested," said Maj. Gaude. "We also represent the U.S. Air Force in official matters to the government of Antigua and Barbuda," he said.



Servicemember voting high priority for defense officials

By Kathleen T. Rhem
American Forces Press Service

WASHINGTON — Defense officials are committed to ensuring servicemembers have the ability to vote from anywhere in the world, Department of Defense's top personnel officer said.

"We're making a decided effort to make sure everyone gets the chance to vote," said David S. C. Chu, undersecretary for personnel and readiness.

Voting assistance officers are available on military installations and in units to assist servicemembers in finding information for their home states and districts. These officers can help people register to vote and request absentee ballots.

The U.S. Postal Service has committed to sending voting materials to and from servicemembers overseas via express mail, Mr. Chu said.

"This year, the post office is going ... to expedite the movement of absentee ballots ... to help us be sure they get out there in time and to get back and get counted," he said.

DoD officials have designated two specific timeframes to raise awareness of issues facing military voters

specifically and, more generally, everyone who must vote by absentee ballot. Sept. 3-11, which includes Labor Day, has been designated Armed Forces Voters Week. Columbus Day week, Oct. 11-15, will be Overseas Voting Week.

Voting assistance officers will redouble their efforts to get information to potential voters during these weeks, a DoD spokesman said. Commanders and supervisors will also highlight the importance of voting and options available to troops.

"We want to bring to light the availability of services provided to assist military members and their family members," the spokesman said.

Finally, Mr. Chu said, people should be aware they can use a Federal Write-in Absentee Ballot to vote in congressional and presidential elections if they do not receive their absentee ballots in time. Information on using this form is also available on the FVAP Web site.

"You can (use this form) if you're a registered voter," Mr. Chu said. "And that is one of your last-ditch options."

Officials: Register to vote before deploying

By Master Sgt. Ron Tull
Air Force Personnel Center Public Affairs

RANDOLPH AIR FORCE BASE, Texas — Airmen deploying between now and the general election Nov. 2 should register to vote with their deployed unit address before departing, said voting officials at the Air Force Personnel Center here.

Registration is accomplished by completing a Federal Post Card Application Standard Form 76. Some states will accept the form electronically or by fax. The form and all the state rules can be found on the "Airmen Votes" Web page at www.afpc.randolph.af.mil/airmenvotes.

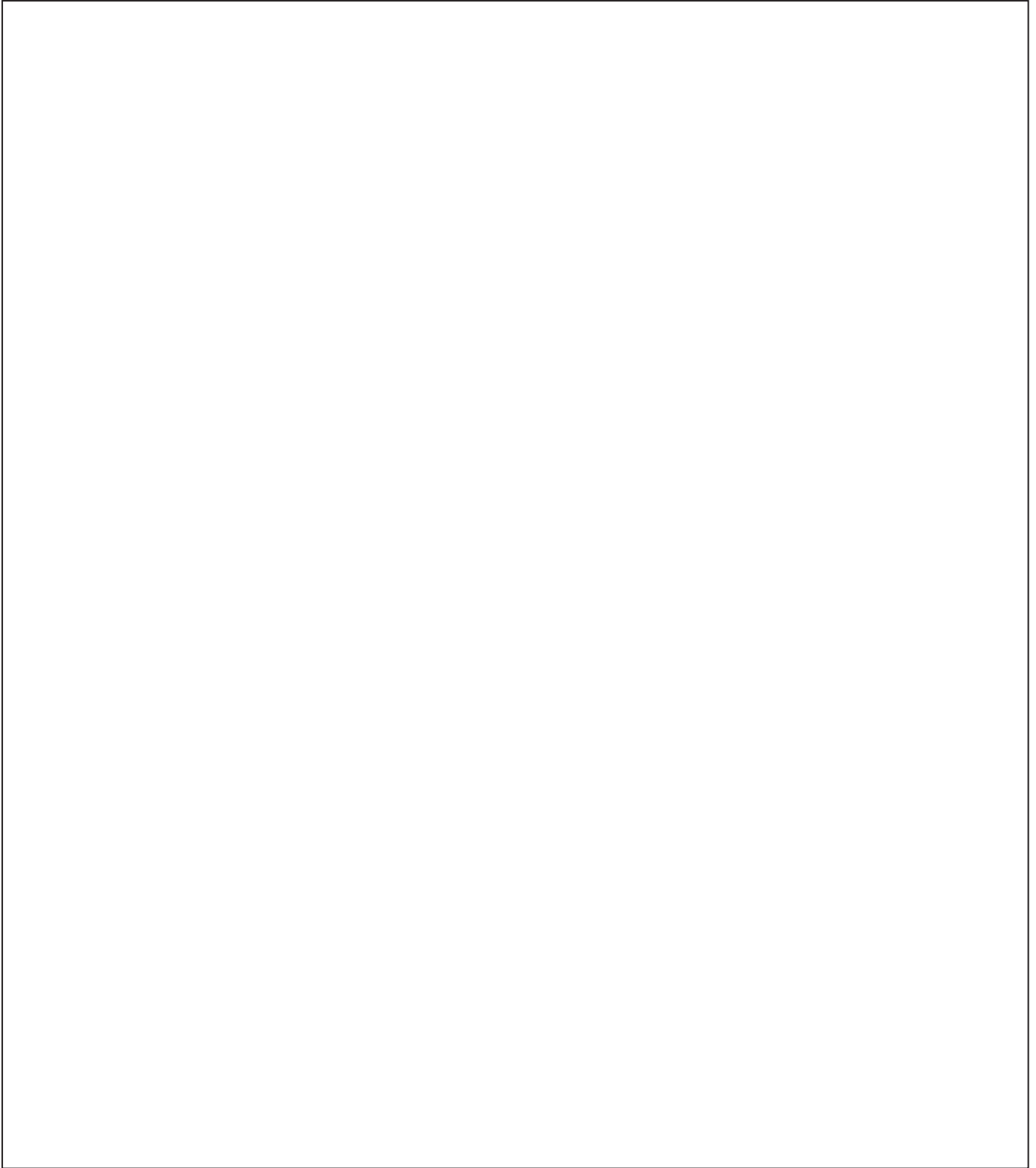
"Registering in advance means the balloting materials will be waiting for them at their forward location," said John Lowrance, Air Force assistant voting action officer. "Deploying (Airmen) who do not yet know their deployment address or cannot release it, will need to take some additional steps.

"They'll need to file an SF 76 explaining in the remarks box that no address is available," he said. "This will prevent the state from sending balloting materials. All states are different, but many will not resend balloting materials."

When people find out their address or if there is a change of address while deployed, they will need to send another SF 76 with their new APO/FPO address checking off "Mail Absentee Ballot To" (item 4). In the remarks section people should include the dates they will be absent, enter their old address and write in block letters the words "OLD ADDRESS."

Under the updated address, the applicant writes in block letters "NEW ADDRESS."

"The bottom line is to know your state rules and not make your ballot come looking for you," Mr. Lowrance said.



Spaceport Safety Day scheduled

Preparations are under way for Spaceport Super Safety and Health Day 2004 scheduled for Oct. 28. This annual event was initiated at Kennedy Space Center in 1998 to increase awareness of the importance of safety and health among the KSC workforce. Visit <<http://safetyandhealth.ksc.nasa.gov/>> for more information.

Learn something new

The Family Support Center offers the following classes for any active duty, spouse, retiree or DoD civilian: Parent workgroup, Tues., 11 a.m. - noon; Info Fair (at BX), Wed. 11 a.m. - 1 p.m.; Parent workgroup, Thurs., 11 a.m. - noon.

Call 494-5675 for more information or to register. All classes are at the FSC, Bldg. 722 unless otherwise noted.

Free childcare available

Those military members returning from deployment are entitled to 16 free hours of childcare per child through the Family Child Care program. Deployed personnel must have spent over 30 days in direct support of the Global War on Terrorism. Contact Tina Washington at 494-8381 for more information.

New URL for forms

The DoD Forms Program has a new Universal Resource Locator. The Web site is now available at www.dtic.mil/whs/directives/infomgt/forms/formsprogram.htm. It can also be found under the DoD Issuances site in the right column at www.dtic.mil/whs/directives.

Currently, there is a redirect to the URL, but this is only available until Sept. 1. Then the old URL will no longer be available. For more information, call Marcia Donahue at 854-4660.

Scholarships available

Applications for the Olmstead Scholar Program may be turned in now through Oct. 15. The program provides the opportunity to study abroad, obtain a masters degree in a foreign language, and gain an in-depth understanding of the history and social, political, cultural and economic characteristics of a foreign country.

Respect endangered species

The 45th Space Wing is required to comply with the Endangered Species Act, which covers nesting sea turtles at Patrick AFB. Housing residents should be aware of the policies pertaining to the turtles, specifically by maintaining the proper lighting around the homes.

Residents may obtain the mandatory low-pressure sodium bulbs (which prevent unnecessary disorientation for the turtles) at the Self-Help store, Bldg. 1060. For more information, call Caroline Jamba at 494-4032.

Language class offered

An English for Speakers of Other Languages class is Tuesday - Thursday 9:30 a.m. - 12:30 p.m. Sponsored by the Family Support Center, this class is open to all speakers of their languages in need of learning English or polishing

up their English speaking and writing skills. The class is free and open to active-duty, DoD civilians, retirees, NAF and AAFES employees and family members. For reservations or additional information, call Elsa Kekahuna at 494-5675.

Become an American citizen

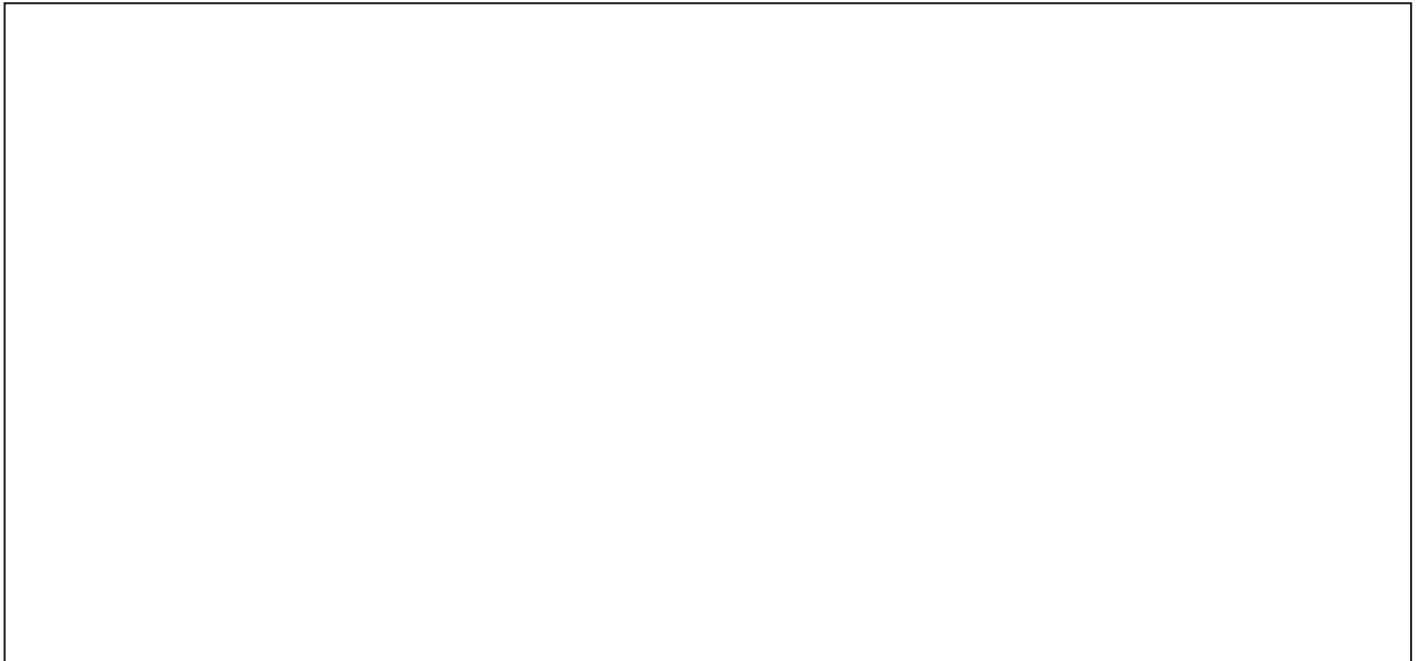
A new citizen class is planned for September for those interested in becoming an American citizen. Class will be held Monday nights. The class is free and open to active duty, DoD civilians, retirees, NAF and AAFES employees and family members. For more information or to make a reservation, call Elsa Kekahuna at 494-5675.

Check hurricane lists

Housing residents should be aware of the wing's checklists for hurricane preparation and evacuation. When HURCON conditions are implemented by the wing commander, housing residents are required to follow the checklists contained in the Patrick AFB Survival Handbook given to residents when they move in. A copy of the current handbook may be obtained at the housing office, Bldg. 1060. Call 494-4032 for more information.

Stay informed of benefits

Take advantage of retirement assets available through the Survivor Benefit Plan. To learn more, visit the SBP site at <http://www.afpc-randolph.af.mil/SBP> or contact Staff Sgt. Jeff Tingle at 494-2919 or 494-6468.





By Sue Walden
45th SW Public Affairs

Forget the movie "Alien vs. Predator." Around the Cape Canaveral Air Force Station beaches, it's baby sea turtles vs. predators.

Cape Canaveral AFS and Patrick Air Force Base, as well as the whole state, are seeing lower numbers of loggerhead sea turtle nests this year - and that's bad enough. But to add more insult to injury, raccoons, feral hogs and armadillos at Cape Canaveral AFS are finding the turtle eggs a delectable entrée.

To battle these four-legged terrorists, environmentalists from the 45th Civil Engineer Squadron Environmental Planning and Conservation have waged war by setting traps and placing predator screens around the nests.

"We've been trapping daily since January to keep the predators away from the beaches," said Angy Chambers, biological scientist for 45th CES Environmental Planning and Conservation. "This preseason action is helpful to clear the

beaches for the turtle season." The intense trapping program began last year.

Ninety-eight percent of the turtles that nest on the shores of Cape Canaveral AFS and Patrick AFB are loggerheads; the other two percent are leatherbacks and greens.

While overall, the predatory ring-leaders in past years have been raccoons, during this year's nesting period they run a close second to feral hogs - a non-native animal brought to the Cape by the Cape descendants.

"We think the armadillos are mostly disturbing the nests by digging, though some might be eating the fresh yolks," she said. An occasional bobcat adds to the predator numbers but they are pretty rare, according to Ms. Chambers.

So far this year, the turtles are battling a 40 percent predation rate; the overall predation target rate is under 20 percent. "These numbers don't leave us any room for other factors that destroy nests, such as hurricanes," she said.

Ms. Chambers and seven of her co-workers comb the 21-kilometer Cape beach area on all-terrain vehicles every morning to count and mark nests, determine false crawls and check traps. Their efforts play a role in determining the whole picture of the turtle population in the state because Cape Canaveral AFS and Patrick AFB are part of the Florida Fish and Wildlife Conservation Commission Nesting Beach Survey. The program, which began in 1988, provides an index of sea turtle population trends and is crucial to the recovery of the threatened and endangered sea turtles.

Patrick AFB contracts surveyors with the University of Central Florida to count nests and provide numbers to the 45th CES environmental office.

Most likely because of beach and road traffic, turtle nests at Patrick AFB beaches haven't been disturbed by predators this year. However, some feral cats living in bushes on the beach have been trapped because they are the prime sus-

pects of a few destroyed nests last year, according to Keitha Bain-Dattilo, 45th CES biologist. "These feral cats are not part of the base's working cats program, but are being fed occasionally by beachgoers and residents at the Temporary Lodging Facility," she said. "People are asked not to encourage the cats by feeding them."

With traps and screens as their weapons, the 45th CES environmentalists at Cape Canaveral AFS hope that the predators, unlike the movie, lose the battle to the baby sea turtles.



Photos by Ronald Cochran

Angy Chambers, left, and Lynda Dawn from the 45th Civil Engineer Squadron Environmental Planning and Conservation office shield a green turtle nest with a protector screen.



Martha Carroll, 45th CES, transports a captured raccoon at Cape Canaveral Air Force Station.

Angels in the wing

By 1st Lt. Elizabeth Kreft
45th SW Public Affairs

Helpers looking to aid victims of Hurricane Charley's wrath drove from as far away as Michigan to help with rescue and reconstruction efforts. But meaningful help also came to the victims from some of their Florida neighbors, right here in the 45th Space Wing.

Armed with a recreational vehicle stocked full of water, food and other supplies, Debra Stickel, Debra Hornback and Sandra Wilson, 45th Civil Engineer Squadron quality assurance evaluators, came to the rescue of extended CE family members in Charlotte County, Fla., shortly after the weather hit.

Through the coordination of the three ladies, more than \$700 in relief was gathered from military and civilian squadron members in one day.

"We really didn't expect anything like this," said Sherlynn Difrenna, civil engineer administrative assistant. "I know the people that I work with care about us, but we never expected so much, so fast."

Clyde Swalls, Mrs. Difrenna's father, resides in Charlotte County, and saw his house ravaged by Charley. The Difrenna's hurried to his aid after the weather had calmed, and found he was reduced to sleeping in his truck, and had little water.

"I called into work and explained the situation, and like a family, people responded with so much concern and help," said Mrs. Difrenna.

When Mrs. Stickel heard of the need, she immediately offered the use of her RV as a temporary home for Mr. Swalls, and without delay - along with Mrs. Hornback and Wilson - put out the word to the rest of the squadron that one of their own was in need of help.

"There was no doubt in my mind that our people were going to respond quickly to the call for help," said Mrs. Hornback. "I love working in this squadron and with these people because it's obvious how much we care for each other."

When commanders make it a priority to support camaraderie and to have an atmosphere of teamwork within their squadron, group or wing, the end result is normally a team who will help and sustain each other on or off duty, day or night, said 2nd Lt. Vincent Rea, 45th CE



Photos by Senior Airman Beau Difrenna

Clyde Swalls, a relative of a CE worker, saw his house all but crushed from the high winds Hurricane Charley brought to his county. The damage left Mr. Swalls without a place to sleep, leading Debbie Stickel to donate the use of her RV as temporary home for him.

maintenance engineer chief.

"These ladies applied that existing solidarity and organized a quick, effective wave of relief for those families in need. I am very proud of them, and I'm proud to be part of our squadron because I know this kind of thoughtfulness and compassion is typical of our people."

Senior Airman Beau Difrenna, 45th Security Forces controller, described his father-in-law's reaction when he saw the RV and all of the supplies that the three ladies had provided for him.

"All he kept saying was 'wow,' and he kept telling the ladies that they were 'blessings from the Lord,'" said Airman Difrenna. "The tears were flowing but it was a happy sight."

Though some might question the relationship between military and civilian counterparts in other organizations or groups on base, it is clear that this squadron allows no room for petty arguments to get in the way of their family-style working environment.

"I absolutely love working here, and I know its because from the commander on down, our families are made to be the priority," said Mrs. Wilson. "It made no difference to anyone in this squadron that the request for help came from one of the civilian secretaries and that it was

her civilian father who needed help," she said.

"Members of the squadron, military and civilian alike, responded to this request for help as if it were their own family in need, and that's



From left, Debbie Stickel, Sherlynn Difrenna, Clyde Swalls and Debbie Hornback stand happy and dry in the RV Mrs. Stickel provided for Mr. Swalls after his home was ruined by the hurricane.

Patrick runner keeps going, going



Photo by Airman 1st Class Shaun Emery

1st Lt. Kimberly Olmsted trains for the upcoming Air Force Marathon, Sept. 18 at Wright-Patterson Air Force Base, Ohio. She has been training for three months.

By Airman 1st Class Shaun Emery
45th SW Public Affairs

As many wing members prepare for their annual fitness test run – a 1.5-mile trek around Patrick Air Force Base's running track – 1st Lt. Kimberly Olmsted is raising the bar as she prepares to compete in this year's Air Force Marathon Sept. 18 at Wright-Patterson AFB.

The 45th Mission Support Squadron relocations and employments chief isn't new to marathon running. Prior to her service in the Air Force, she competed in a half marathon, still a grueling 13-mile run.

Building on her experience, Lt. Olmsted set her sights on completing a whole marathon, even more ambitious, three this year.

"Three marathons was a personal goal of mine this year," she explained.

The first step in her goal was a Disney marathon, which she completed in January. She finished it in four hours. Lt. Olmsted noted that her finishing time is not in the forefront of her mind.

"My goal is just to finish," she said. "If I can improve my times, that's a secondary goal."

Lt. Olmsted has an opportunity to reach both goals in a race that she said is very dear to her. "The Air Force Marathon is special because I'm an active-duty

Airman."

Running 26.2 miles is not something a person can just decide to do on any given day, she said. Lt. Olmsted has been preparing for the event, running every day for three months.

"I run between four to six miles every day, with one long run a week," she said. "The long run is no more than 22 miles and no less than 10," she added.

Aside from her daily runs, Lt. Olmsted spends her time in the gym, riding a bike or working on upper body strength.

"Working on the bike is a good change of pace from running," she said. "I still get a good workout, but take the impact off my legs."

Lt. Olmsted admits there are days when running is the last thing she wants to do.

"Waking between 5-6 a.m. at the latest is my least favorite part," she said. The heat of Florida summers makes it difficult to train later in the day. Lt. Olmsted knows the dangers of the high heat and humidity and drinks plenty of water to keep herself hydrated.

With the support of her co-workers and friends and hard training, Lt. Olmsted is confident she'll accomplish her goals.

Volleyball wraps up week three

By 2nd Lt. Michael Smith
1st Range Operations Squadron

The first two games of the week pitted two talented teams - 45th Security Forces Squadron and Computer Sciences Raytheon. In games one and two, CSR grounded the high flying 45th SFS team. Game three matched the Air Force Technical Applications Center team against the 1st Range Operations Squadron team led by Rusty Shakelferd. AFTAC crushed them with ease.

The first two games Wednesday night paired the red-hot 3rd Space Launch Squadron against the 45th Space Communications Squadron. The 3rd SLS continued their hot streak taking both games. In the final game of the night the 5th SLS rebounded from a loss last week with a win against the 45th CES.

League standings

Team	Monday		Team	Wednesday	
	W	L		W	L
AFTAC	3	1	3rd SLS	6	0
CSR	3	1	45th SCS	1	2
45th SFS	2	4	5th SLS	1	2
1st ROPS	1	3	45th CES	0	4



Photo by Rafael Sanchez

Like the wind

Phil Morici, from the 5th Space Launch Squadron, takes a jog around the new Cape Canaveral Air Force Station running track Wednesday. The track opened for use Aug. 20.

The Calendar

Friday

▲ Don't miss Manatee Cove Golf Course prime rib dinner special from 5-8 p.m. Price is \$13.50 per person. Reservations are required. Call 494-7856.

Saturday

▲ End of Summer Fishing Tournament at 7 p.m. Prizes will be awarded in different age groups. Call Terry Hamric at 494-9692 for information and to register for the competition.

Sept. 4 - 5

▲ The Manatee Cove Marina holds their annual Labor Day weekend bash at Chevron Park. Marina members are invited to raft-up, anchor off shore and dinghy in, or drive over for one of the best parties of the year. The Marina sponsors dinner on Saturday night (side dishes always welcomed) and the traditional breakfast on Sunday morning. Sign up at the Marina Clubhouse or call 494-7455 for membership information.

Sept. 10

▲ Kid's Night Out at the Youth from 6-11 pm. Activities include crafts and movies for kids in grades K-6. Cost is \$10 per child. Call 494-4748.

Sept. 1 - 30

▲ The Auto Skills Center offers a special on brake flush service for \$25, plus fluids. Reservations are necessary to ensure that technicians are scheduled. Call 494-2537.

Sept. 17

▲ Enjoy a surf and turf dinner while enjoying the music of B&R Entertainment – plus a special appearance by Rick Turner from Las Vegas performing the best of Neil Diamond's hits at the NCO Club. Cost is \$15.95 per person. Club members receive a special pricing. Sept. 17, 6-10 p.m. Call 494-7491 for entertainment.

Ongoing

▲ Anyone who lives on base and is providing child care for more than 10 hours a week must be licensed through the Family Child Care office. Anyone found providing unlicensed child care is subject to administrative actions. For additional clarification, please contact Tina Washington at 494-8381 or cell number at 431-4581.

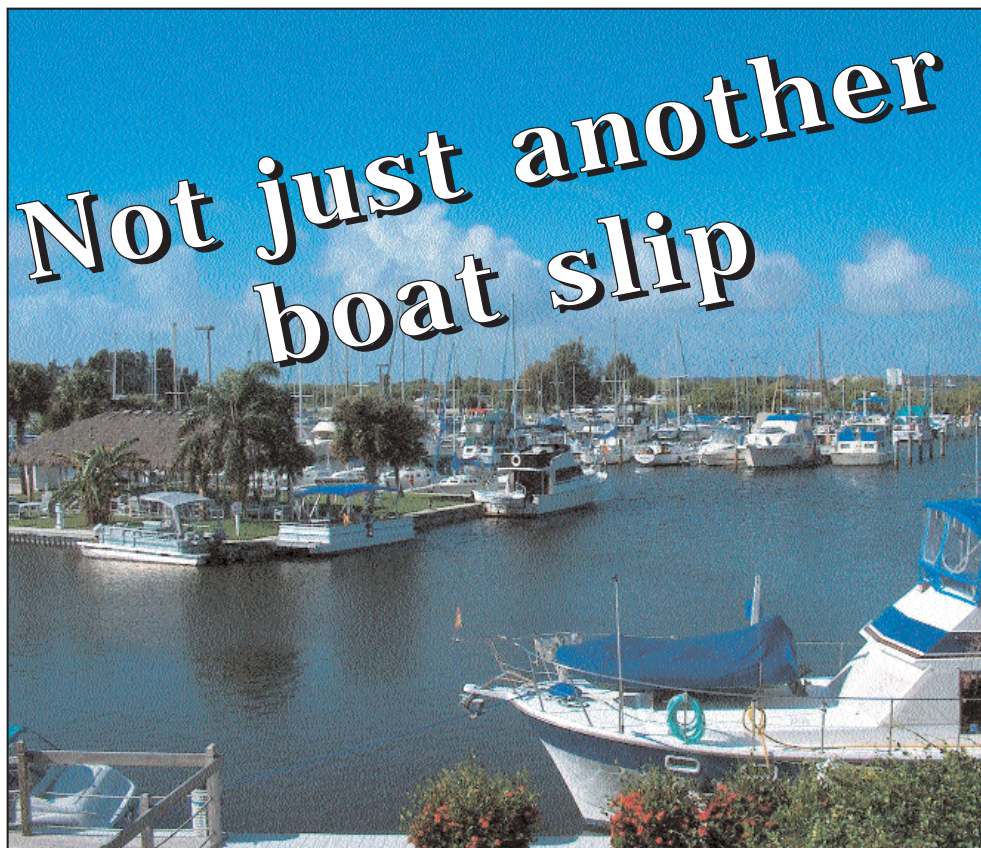


Photo by Theresa Amlong

By Theresa Amlong 45th Services Squadron

There's no time like today to join the Manatee Cove Marina.

Nestled south of the golf course, the marina provides the perfect setting to meet up with some friends, enjoy a beverage and watch the sun go down. "Owning a boat is not a pre-requisite to join the marina," says Susan Barnhardt, Marina manager. "Many social functions are offered here, such as our free pancake breakfasts, Friday night hors d'oeuvres, dinner dances and barbeques."

The annual marina Labor Day weekend bash is held this year on the banks of the Banana River at Chevron Park. Attendees will enjoy dinner on Saturday night, live music, games and giveaways – all followed by a breakfast on Sunday morning.

The clubhouse, available to members and their guests, sports a lounge area serving cold beverages and light snacks. Members gather for a game of pool or to sit back and relax in front of the large screen television.

The Tiki Bar, a favorite of members, is open every afternoon (weather permitting). Its Key West theme is an atmosphere to swap stories, meet new friends, and escape from the hot Florida sun.

Jason Hess, one of the Marina's newest members, enjoys relaxing with friends in the clubhouse and Tiki Bar. Though he does own a boat, it is not yet docked at the Marina. "I'm on the waiting list

for dry storage, I feel the Manatee Cove Marina offers convenience and security. I often utilize the Ship Store; it's more convenient than going to a hardware store."

The Ship Store provides members with boating supplies, gas, ice and cold beverages, apparel and offers special ordering for many larger types of boating items and parts.

The Manatee Cove Marina currently provides space for more than 400 boats (in and out of the water), including 200 open wet slips, 35 covered wet slips and three picnic areas. There are 185 dry dockage slips and two launch ramps that can handle most large trailerable boats. Sewage and fuel pumps are available at the guest dock in front of the clubhouse. And for the weary traveler: showers and laundry facilities.

Mary Auer, known locally as Marina Mary, has been at the Marina since 1991. "The growth has been tremendous," she says. "We've grown from a tiny club to a modern marina with membership numbers approaching 1,200. Friday night socials now feature free snacks as well as occasional deejays, bands and other great entertainment."

For information on Marina membership, call 494-7455.

September Member programs:

* Sept 11: Free pancake breakfast starting at 9 a.m., followed by the sailboat races

* Sept 25: Blessing of the Fleet, light refreshments on the deck to follow.



Friday Catwoman Patience Philips seems destined to spend her life apologizing for taking up space. This comes to a screeching halt when Patience inadvertently becomes a human guinea pig for a revolutionary anti-aging product and not only lands herself in the middle of a corporate conspiracy, but on the city police force's most wanted list. Equipped with a new feline prowess, Patience is a different person come nighttime, more accurately, a Catwoman. Evasive, untamed, powerful, stealthy, and not necessarily prone to erring on the side of good, Patience has gone from doormat to vigilante. Stars Halle Berry and Sharon Stone. Rated PG-13 for action violence and some sensuality. 104 min.

Saturday Catwoman See Friday's synopsis.

Sunday A Cinderella Story Samantha lives at the beck and call of her self-obsessed step-mother Fiona and her sinfully wicked step-sisters. She finds her less-than-sparkling social life wonderfully complicated when she meets her Prince Charming online. Her anonymous cyber soul mate turns out to be Austin, her high school's quarterback. Fearing rejection, Sam dodges Austin's efforts to discover the identity of his princess. Will Sam let fear hold her back, or will she find the courage to be herself and claim the life she's always wanted? Her chance at "happily ever after" depends on it. Stars Hilary Duff and Jennifer Coolidge. Rated PG for mild language and innuendo. 95 min.

Thursday A Cinderella Story See Sunday's synopsis.

Movie times are 7:30 p.m. unless otherwise noted. Adults pay \$2.50, children under 12 pay \$1.50.

RIVERSIDE DINING

Saturday Brunch - Creole shrimp, doubly good chicken, **savory baked chicken**, Swedish meatballs.

Saturday Supper - **Baked fish**, BBQ chicken, doubly good chicken, Hungarian goulash

Sunday Brunch - Cantonese spareribs, grilled mustard chicken, oven-fried fish.

Sunday Supper - Steak loin strip, stir fry beef with broccoli, turkey nuggets

Monday Lunch - **Baked stuffed fish**, pot roast, roast loin of beef

Monday Dinner - Cannelloni beef, **chili mac**, southern fried chicken

Tuesday Lunch - Salmon cakes, **teriyaki chicken**, veal parmesan

Tuesday Dinner - **Country captain chicken**, meat loaf, turkey ala king

Wednesday Lunch - Pork schnitzel, sauerbraten, Reuben sandwich, bratwurst

Wednesday Dinner - BBQ spareribs, **lemon-herb chicken**, stuffed pork chops

Thursday Lunch - Herbed baked chicken, Southern fried catfish, stuffed cabbage rolls

Thursday Dinner - Glazed Cornish hen, Jaeger schnitzel w/mushroom sauce, **roast loin of pork**

Friday Lunch - Mexican baked chicken, stuffed green peppers, Swiss steak w/tomato sauce

Friday Dinner - **Lasagna**, spaghetti with meat sauce, Italian sausage

Menus are subject to change. Items bolded are healthy choice meals. For more information, call dial-a-menu 494-2845.



Photo by Jim Laviska

Helping a hand

Staff Sgt. David Bronsky (in mask) and Master Sgt. Rudy Mehu act out an injury/response scenario as Airman 1st Class Daniel Gerry, an exercise evaluator, looks on during the Ocean Breeze exercise Aug. 17-20, . The Ability To Survive and Operate training portion tested the military members' ability to respond to various dangerous or life-threatening situations in a simulated combat environment.



Catholic

Daily Mass (Mon. - Fri.) at 11:30 a.m. in the Seaside Chapel.

Saturday: 4 p.m. confession, 5 p.m. Mass in the South Patrick Chapel.

Sunday: 8:45 a.m. Mass in South Patrick Chapel, and 11:30 a.m. Mass in the Seaside Chapel.

Religious education classes: 10:15 a.m. at the Education Center for pre-K - 6th grade, grades 7-12 Youth Ministry at 6 p.m. at South Patrick Chapel.

Protestant

Sunday: 8:30 a.m. - Traditional Worship in the Seaside Chapel.

9:50 a.m. - Adult Sunday School in Seaside Chapel. 10 a.m. - Grades K-12 at South Patrick Chapel. Van transportation provided for base children.

11 a.m. - Contemporary Service in the South Patrick Chapel.

Wednesday: 5:30 p.m. Fellowship Dinner in South Patrick Chapel.

Events

Saturdays through August, from 10 a.m. – 9 p.m., the Brevard Zoo holds Summer Saturday Nights. Enjoy the Brevard Zoo after hours and listen to area entertainers. Admission in regular zoo fee. Call 259-2929 for more information.

Orchid show at Cocoa Expo Sports Center Arena Friday and Saturday from 9 a.m. – 6 p.m. and Sunday from 9 a.m. – 4 p.m. Event features orchid exhibits, plant sales, potting booth, growing information and drawings. Cost is \$3 with free parking.

The 9th annual Family Salsa Festival Sept. 5 from noon – 8 p.m. at Wickham Park Pavilion. The United Third Bridge presents the festival featuring entertainment by Fifth Avenue, Norberto Ortiz y su Orquesta Mia, Clan de Ruego Reggeton, El Grupo Monderno de Bomba y Plena and DJ Mambo Vic. Cost is \$7 advance; \$10 at the door. For more information, contact 253-0363.

Americana Fest Sept. 4 at 1 p.m. at the Banana Breeze Restaurant in Merritt Island. The event features music by Dave Grooms, Big Red & The Bus, Bill and Eli Perras, NormAl, Burning Desires, The Vintage Band and more. Contact 452-0815 for more information.

Scots-American Society of Brevard holds an open house Sept. 8 from 6:30-8:30 p.m. at the Melbourne Auditorium. The open house is a celebration of Scottish/Celtic culture featuring Scottish storytelling, heritage, clan tartan, genealogy resources, samples of Haggis and other Scottish cuisine, bagpipes and more.

The University of Central Florida offers military members two free tickets to their Sept. 11 game versus West Virginia University. Free parking has been arranged in two downtown parking lots, with free shuttle bus starting at 4 p.m. Members must report to Gate D to pick up his or her tickets. For more information visit www.ucfgetmotivated.com.

Classes

Brevard Association for Advancement of the Blind offers free classes for people with low vision or blindness begin Sept. 10 at the Brevard Association for Advancement of the Blind at 674 S. Patrick Dr. in Satellite Beach. Classes will be held each Friday for eight weeks from 9:30 a.m. – 2:30 p.m. For enrollment or more information, contact Marge Pailleron at 773-8755.

American Red Cross Family Care-giving Program offers classes on caring for a parent, spouse or friend in a home setting. The program includes nine training modules: assisting with personal care, caring for the caregiver, positioning and helping your loved one move, family care-giving: general care-giving skills, family care-giving: home safety, healthy eating, caring for a loved one with HIV/AIDS, caring for a loved one with Alzheimer's disease or dementia and legal and financial resources. Classes begin Monday and run from 11 a.m. – 1 p.m. Cost is \$6 per module. For more information, contact American Red Cross Space Coast Chapter at 723-7174.

